



Howard Industries Lighting Products

April 2005

*Lighting **for life***[™]



www.Howard-Lighting.com

Welcome to Our 1st Catalog!

We are confident that you'll find the quality lighting fixtures and accessories you've been looking for in addition to noticing the difference Howard Lighting brings to the lighting and electrical distributor marketplace. And while we've carefully selected the products and accessories featured within these pages, it is important to note that we will be adding HID and fluorescent fixtures to our product offerings in the near future. We look forward to becoming your premier lighting provider.

Howard Lighting

Howard Lighting manufactures a vast selection of high-quality lighting products that are ideal for commercial and residential uses. Featuring Howard's best-in-class ballasts, these fixtures are easy to install, require minimal maintenance, and are engineered for performance.



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About Howard Industries

In 1968, a young Billy W. Howard, Sr. left his successful career at General Electric to return to his native Mississippi and create his own company, Howard Industries. The only problem was he had no employees, no inventory, and no raw materials. However, with a vision that he could build and sell transformers that would surpass what was available in the marketplace, Billy hit the road to share this belief with prospective clients. He returned home with over 4 million dollars in sales. This achievement laid the foundation for a future that would dramatically exceed even his original vision.



Over the next three decades and with the assistance of his wife, Linda, Howard Industries has grown to become a 500-million dollar company consisting of five separate divisions. While the Howards readily attribute their success to the hard work of their employees and their commitment to creating, supplying, and supporting superior products and services, you cannot overlook their inspiration – Billy W. Howard, Sr.

Howard's Other Divisions

Howard Transformers, the original company, is our nation's leading manufacturer of oil-filled electrical distribution transformers and has over 6 million in service throughout the US and world. Located in Laurel, Mississippi, this single facility has over 1.6 million square feet – *equivalent to approximately 43 acres* – making it the largest transformer plant in the world.

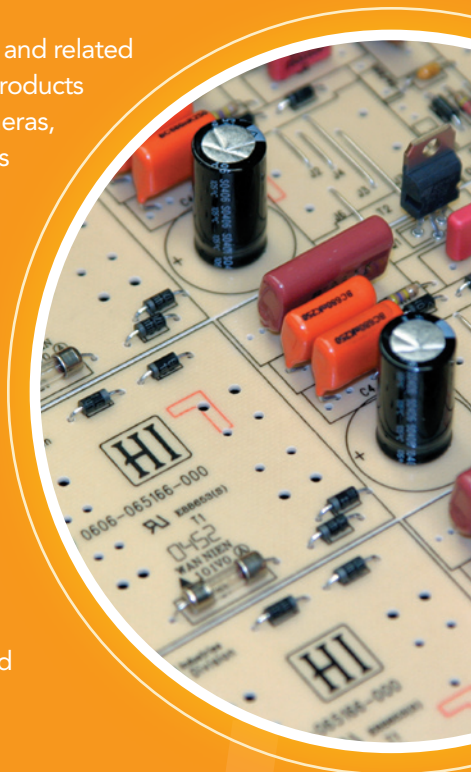
Howard Ballast is an innovative supplier of ballast and lighting components for the US markets. With products that include a variety of fluorescent and HID (High Intensity Discharge) ballasts and lighting components, it is an industry leader with products in use at Johnson Space Center, Kennedy Space Center, Camp Pendleton, CIA headquarters at Langley, Fort Bragg, and numerous other US government facilities.

Howard Computers is a leading manufacturer and reseller of computer hardware and related equipment. With a 100% US-based workforce and rich portfolio of over 190,000 products ranging from desktops, notebooks, tablets, servers, networks, printers, digital cameras, and accessories to custom lab designs and presentation carts – this division defines technology roadmaps. And for the specialized needs of healthcare, **Howard Medical Technologies** offers a wide range of point-of-care technologies which include ergonomically-designed med dispensing and nurse charting carts that are fully integrated with tablets, notebooks, and/or mobile desktops. These innovative products are real-world solutions for today's healthcare personnel.

Howard Substation Transformer began manufacturing operations in April of 2005 at its new 200,000 square foot facility located in Ellisville, Mississippi. The division's product scope includes substation power transformers with base ratings of up to 60 MVA (Million Volt Amperes) and high-voltage ratings through 230,000 volts.

Howard Transportation

This wholly-owned subsidiary of Howard Industries consists of a brokerage firm and over 200 hundred trucks transporting goods throughout the continental US daily.



Howard



Industrial Lighting



At Howard Lighting, we know first-hand the invaluable advantage proper lighting provides in an industrial environment. After all, we continue to be a leader in several diverse manufacturing industries. With this experience and our hunger to satisfy the needs of our customers, we now offer lighting fixtures that are ideal for the real world of manufacturing. Our high and low bay products are flexible, durable, and reliable fixtures that deliver consistent, energy-efficient light with minimal maintenance. They are available in a multitude of housing styles, sizes, and with a variety of lens types. We manufacture the very best industrial lighting products and accessories because our employees and numerous facilities depend upon them.

We deliver lighting you can depend upon.

*Lighting **for life**™*

Industrial



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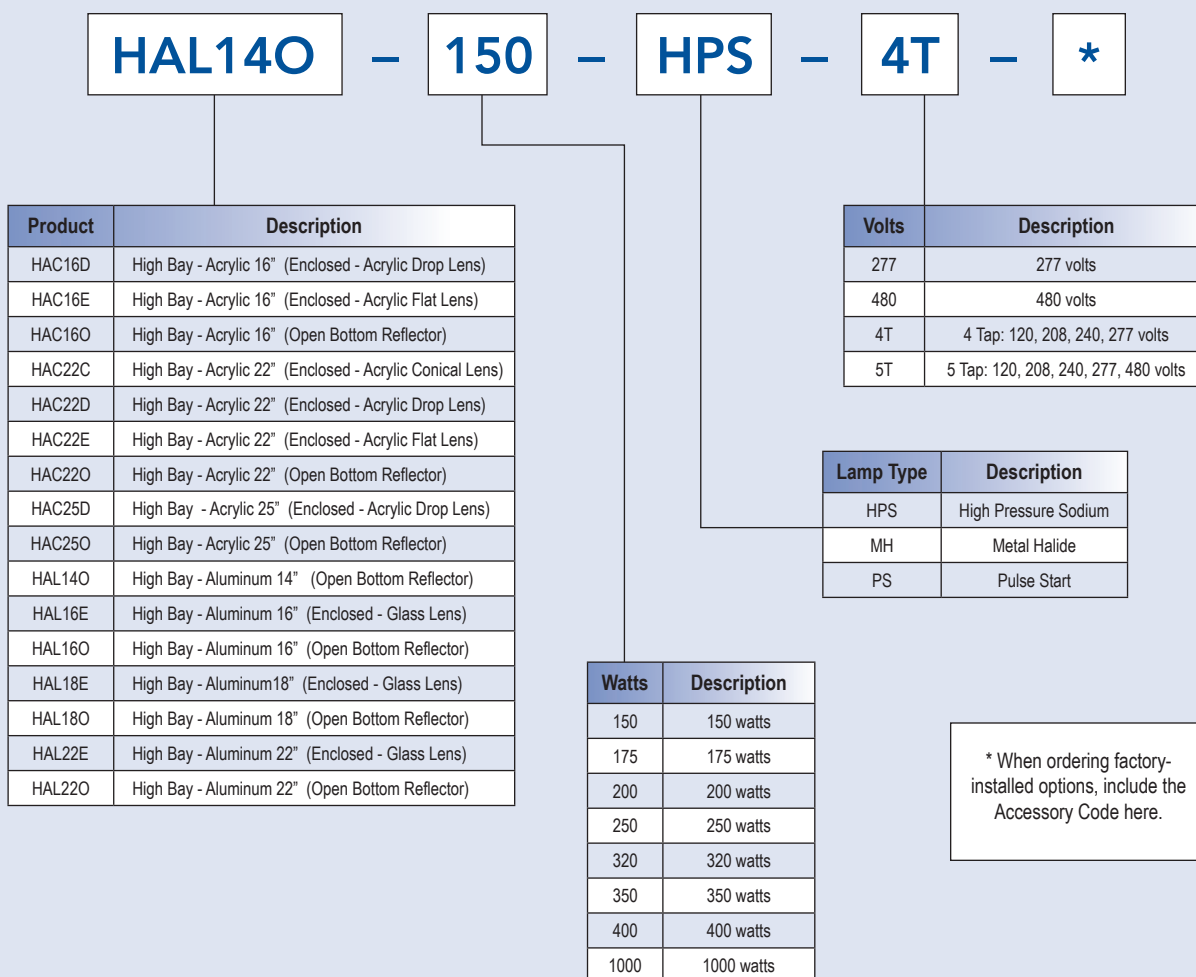
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High Bays

Ordering Information

To assist you in the ordering process, we've included the following legend.



Are you ready to order?

Visit our website at www.Howard-Lighting.com to identify the member of our nationwide sales network in your specific area. These trained professionals provide quick turnaround on all quotes and questions in addition to assisting you in the order placement process.

How can I reach your customer or technical support team?

Anytime you have engineering or technical questions regarding one of our products, assistance is just a phone call away. Our customer and technical support is available Monday - Friday 7 AM - 5 PM (CST) at 800.956.3456 or via fax at 601.422.1652. We value our customers and pride ourselves on providing the superior service you would expect from a premier lighting provider.

I need my products NOW! Do you offer rapid shipping?

To ensure you have the products you need when you need them, many of our most popular products are available through our Rapid Shipping Program. Typically, these products are shipped within 24 hours of order receipt. Contact our customer support center for details or refer to our pricing lists.

Do you offer distributor packaging?

Absolutely! We understand the importance of having contractor-friendly distributor packaging which is why ours is heavy duty and has been specifically designed for the electrical and lighting distributor markets.

What about your terms and warranty?

We offer a limited warranty on all of our products. Please refer to the Terms and Conditions and Warranty sections of this catalog for more information.

Still need more information?

To obtain the most up-to-date information about us and our products and services, visit our website at www.Howard-Lighting.com. We are excited about our product offerings and look forward to welcoming you to our Howard Lighting customer family.



High Bay - Aluminum 14" (Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 250 - 350 watts

Application
Perfect for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL140-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HAL140-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL140-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL140-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL140-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL140-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL140-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL140-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL140-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL140-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL140-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL140-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL140-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL140-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL140-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL140-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL140-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP320/350/PS/BU-ONLY/BT28
HAL140-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP320/350/PS/BU-ONLY/BT28

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL140-HPS-4T-A)		

Accessories

Catalog #	Description
14WG	Wire guard with stainless steel construction
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 16" (Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 250 - 400 watts

Application
Ideal for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL160-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HAL160-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL160-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL160-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL160-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL160-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL160-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL160-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL160-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL160-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL160-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL160-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL160-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL160-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL160-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL160-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL160-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAL160-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAL160-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/O	MP350/400/PS/BU-ONLY
HAL160-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/O	MP350/400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL16O-150-HPS-4T-A)		

Accessories

Catalog #	Description
16WG	Wire guard with stainless steel construction
16FG	16" flat glass
16CB	16" clamp band
16EZCB	16" E-Z fit clamp band with an on and off latching mechanism for instant installation (includes locking tab to prevent accidental unlatching)
16HCB	16" hinged clamp band that securely holds lens (simply open and allow the lens to hang)
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 16"

(Enclosed - Glass Lens)

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Excellent for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Tempered glass lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL16E-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HAL16E-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL16E-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL16E-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL16E-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL16E-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL16E-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL16E-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/E	MH175/U
HAL16E-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/E	MH175/U
HAL16E-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/E	MH250/U
HAL16E-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/E	MH250/U
HAL16E-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/E	MH250/U
HAL16E-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/E	MH400/U
HAL16E-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/E	MH400/U
HAL16E-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/E	MH400/U
HAL16E-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MH200/U
HAL16E-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MH200/U
HAL16E-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL16E-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL16E-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL16E-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAL16E-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAL16E-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/E	MS400/PS/BU-ONLY
HAL16E-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/E	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL16E-150-HPS-4T-A)		

Accessories

Catalog #	Description
16WG	Wire guard with stainless steel construction
16FG	16" flat glass
16CB	16" clamp band
16EZCB	16" E-Z fit clamp band with an on and off latching mechanism for instant installation (includes locking tab to prevent accidental unlatching)
16HCB	16" hinged clamp band that securely holds lens (simply open and allow the lens to hang)
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 18" (Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 250 - 400 watts

Application
Excellent for illuminating warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL180-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HAL180-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL180-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL180-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL180-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL180-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL180-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL180-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL180-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL180-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL180-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL180-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL180-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL180-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL180-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL180-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
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HAL180-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/O	MP350/400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL180-150-HPS-4T-A)		

Accessories

Catalog #	Description
18WG	Wire guard with stainless steel construction
18FG	18" flat glass
18CB	18" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 18"

(Enclosed - Glass Lens)

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Ideal for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Tempered glass lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
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HAL18E-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL18E-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL18E-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL18E-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL18E-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL18E-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/E	MH175/U
HAL18E-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/E	MH175/U
HAL18E-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/E	MH250/U
HAL18E-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/E	MH250/U
HAL18E-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/E	MH250/U
HAL18E-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/E	MH400/U
HAL18E-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/E	MH400/U
HAL18E-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/E	MH400/U
HAL18E-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MH200/U
HAL18E-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MH200/U
HAL18E-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL18E-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL18E-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL18E-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAL18E-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAL18E-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/E	MS400/PS/BU-ONLY
HAL18E-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/E	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL18E-150-HPS-4T-A)		

Accessories

Catalog #	Description
18WG	Wire guard with stainless steel construction
18FG	18" flat glass
18CB	18" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 22" (Open Bottom Reflector)

HPS / 250 - 1000 watts

MH / 250 - 1000 watts

PS / 250 - 400 watts

Application
Perfect for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL220-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL220-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL220-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL220-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL220-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL220-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL220-1000-HPS-4T	1000 HPS	4T	S1000-71C-211-CE	CWA	S52	LU1000
HAL220-1000-HPS-480	1000 HPS	480	S1000-11C-211-CE	CWA	S52	LU1000
HAL220-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL220-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL220-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAL220-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL220-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL220-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAL220-1000-MH-4T	1000 MH	4T	M1000-71C-212-C	CWA	M47/O	MP1000/BU-ONLY
HAL220-1000-MH-480	1000 MH	480	M1000-11C-212-C	CWA	M47/O	MP1000/BU-ONLY
HAL220-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAL220-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL220-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAL220-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAL220-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAL220-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/O	MP350/400/PS/BU-ONLY
HAL220-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/O	MP350/400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL220-250-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22FG	22" flat glass
22CB	22" clamp band
22EZCB	22" E-Z fit clamp band - on and off latching mechanism for instant installation, includes locking tab to prevent accidental unlatching
22HCB	22" hinged clamp band - hinged clamp band securely holds lens, simply open and allow the lens to hang
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Aluminum 22"

(Enclosed - Glass Lens)

HPS / 250 - 1000 watts

MH / 250 - 1000 watts

PS / 200 - 400 watts

Application
Ideal for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Tempered glass lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAL22E-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAL22E-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAL22E-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAL22E-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAL22E-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAL22E-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAL22E-1000-HPS-4T	1000 HPS	4T	S1000-71C-211-CE	CWA	S52	LU1000
HAL22E-1000-HPS-480	1000 HPS	480	S1000-11C-211-CE	CWA	S52	LU1000
HAL22E-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/E	M250/BU-ONLY
HAL22E-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/E	M250/BU-ONLY
HAL22E-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/E	M250/BU-ONLY
HAL22E-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/E	M400/BU-ONLY
HAL22E-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/E	M400/BU-ONLY
HAL22E-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/E	M400/BU-ONLY
HAL22E-1000-MH-4T	1000 MH	4T	M1000-71C-212-C	CWA	M47/E	M1000/BU-ONLY
HAL22E-1000-MH-480	1000 MH	480	M1000-11C-212-C	CWA	M47/E	M1000/BU-ONLY
HAL22E-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	M200/PS/BU-ONLY/BT28
HAL22E-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	M200/PS/BU-ONLY/BT28
HAL22E-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/E	M250/PS/BU-ONLY
HAL22E-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/E	M320/350/PS/BU-ONLY/BT28
HAL22E-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/E	M320/350/PS/BU-ONLY/BT28
HAL22E-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/E	M350/400/PS/BU-ONLY
HAL22E-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/E	M350/400/PS/BU-ONLY
HAL22E-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/E	M400/PS/BU-ONLY
HAL22E-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/E	M400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAL22E-250-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22FG	22" flat glass
22CB	22" clamp band
22EZCB	22" E-Z fit clamp band - on and off latching mechanism for instant installation, includes locking tab to prevent accidental unlatching
22HCB	22" hinged clamp band - hinged clamp band securely holds lens, simply open and allow the lens to hang
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 16"

(Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 250 - 400 watts

Application
Excellent for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC160-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HAC160-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAC160-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAC160-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAC160-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAC160-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAC160-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAC160-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC160-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC160-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC160-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC160-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC160-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC160-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC160-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC160-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC160-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC160-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC160-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/O	MP350/400/PS/BU-ONLY
HAC160-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/O	MP350/400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC160-150-HPS-4T-A)		

Accessories

Catalog #	Description
16WG	Wire guard with stainless steel construction
16FA	16" flat acrylic
16CB	16" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set

(Enclosed - Acrylic Flat Lens)

PS / 200 - 250 watts

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Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC16E-150-HPS-4T-A)		

Accessories

Catalog #	Description
16WG	Wire guard with stainless steel construction
16FA	16" flat acrylic
16CB	16" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set

High Bay - Acrylic 16"

(Enclosed - Acrylic Drop Lens)

HPS / 150 - 250 watts

MH / 175 - 250 watts

PS / 200 - 250 watts

Application
Perfect for illuminating warehouses, industrial, and retail facilities
Features
• Die-cast housing with electrical box and malleable hook (lamp included) • Acrylic drop lens • Adjustable accessory bracket • Metal halide units meet 2005 code change (ANSI Type S lamps)

[illegible]

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC16D-150-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 22" (Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 200 - 400 watts

Application
Excellent for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC220-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
HAC220-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
HAC220-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
HAC220-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
HAC220-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
HAC220-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
HAC220-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
HAC220-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC220-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC220-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC220-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC220-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC220-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC220-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/O	MS200/PS/BU-ONLY/BT28
HAC220-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/O	MS200/PS/BU-ONLY/BT28
HAC220-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC220-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC220-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC220-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC220-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC220-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/O	MS400/PS/BU-ONLY
HAC220-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/O	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC220-150-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22FA	22" flat acrylic
22CB	22" clamp band
22EZCB	22" E-Z fit clamp band - on and off latching mechanism for instant installation, includes locking tab to prevent accidental unlatching
22HCB	22" hinged clamp band - hinged clamp band securely holds lens, simply open and allow the lens to hang
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 22"

(Enclosed - Acrylic Flat Lens)

HPS / 250 - 400 watts

MH / 250 - 400 watts

PS / 200 - 400 watts

Application
Excellent for illuminating warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic flat lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC22E-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HAC22O-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HAC22E-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HAC22E-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HAC22E-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HAC22E-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HAC22E-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22E-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22E-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22E-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22E-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22E-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22E-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22E-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22E-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC22E-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22E-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22E-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC22E-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC22E-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
HAC22E-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC22E-250-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22FA	22" flat acrylic
22CB	22" clamp band
22EZCB	22" E-Z fit clamp band - on and off latching mechanism for instant installation, includes locking tab to prevent accidental unlatching
22HCB	22" hinged clamp band - hinged clamp band securely holds lens, simply open and allow the lens to hang
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 22"

(Enclosed - Drop Lens)

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Perfect for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC22D-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
HAC22D-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
HAC22D-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
HAC22D-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
HAC22D-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
HAC22D-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
HAC22D-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
HAC22D-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC22D-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC22D-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22D-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22D-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22D-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22D-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22D-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22D-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22D-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22D-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC22D-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22D-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22D-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC22D-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC22D-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
HAC22D-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC22D-150-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22DL	22" drop lens
22CB	22" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 22"

(Enclosed - Conical Lens)

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Great for illuminating warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic conical lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC22C-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
HAC22C-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
HAC22C-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
HAC22C-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
HAC22C-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
HAC22C-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
HAC22C-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
HAC22C-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC22C-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC22C-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22C-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22C-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC22C-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22C-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22C-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC22C-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22C-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC22C-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC22C-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22C-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC22C-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC22C-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC22C-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
HAC22C-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC22C-150-HPS-4T-A)		

Accessories

Catalog #	Description
22WG	Wire guard with stainless steel construction
22CL	22" conical lens
22CB	22" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 25"

(Open Bottom Reflector)

HPS / 150 - 400 watts

MH / 250 - 400 watts

PS / 200 - 400 watts

Application
Perfect for lighting warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type O lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC250-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
HAC250-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
HAC250-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
HAC250-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
HAC250-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
HAC250-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
HAC250-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
HAC250-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC250-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC250-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC250-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC250-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC250-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC250-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC250-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC250-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC250-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC250-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC250-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC250-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC250-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
HAC250-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC250-150-HPS-4T-A)		

Accessories

Catalog #	Description
25WG	Wire guard with stainless steel construction
25FA	25" flat acrylic
25CB	25" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



High Bay - Acrylic 25"

(Enclosed - Drop Lens)

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Perfect for illuminating warehouses, industrial, and retail facilities
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens - Adjustable accessory bracket - Metal halide units meet 2005 code change (ANSI Type S lamps)



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HAC25D-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
HAC25D-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
HAC25D-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
HAC25D-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
HAC25D-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
HAC25D-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
HAC25D-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
HAC25D-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC25D-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/O	MP175/BU-ONLY
HAC25D-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC25D-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC25D-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
HAC25D-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC25D-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC25D-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
HAC25D-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC25D-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
HAC25D-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
HAC25D-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC25D-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
HAC25D-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
HAC25D-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
HAC25D-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
HAC25D-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., HAC25D-150-HPS-4T-A)		

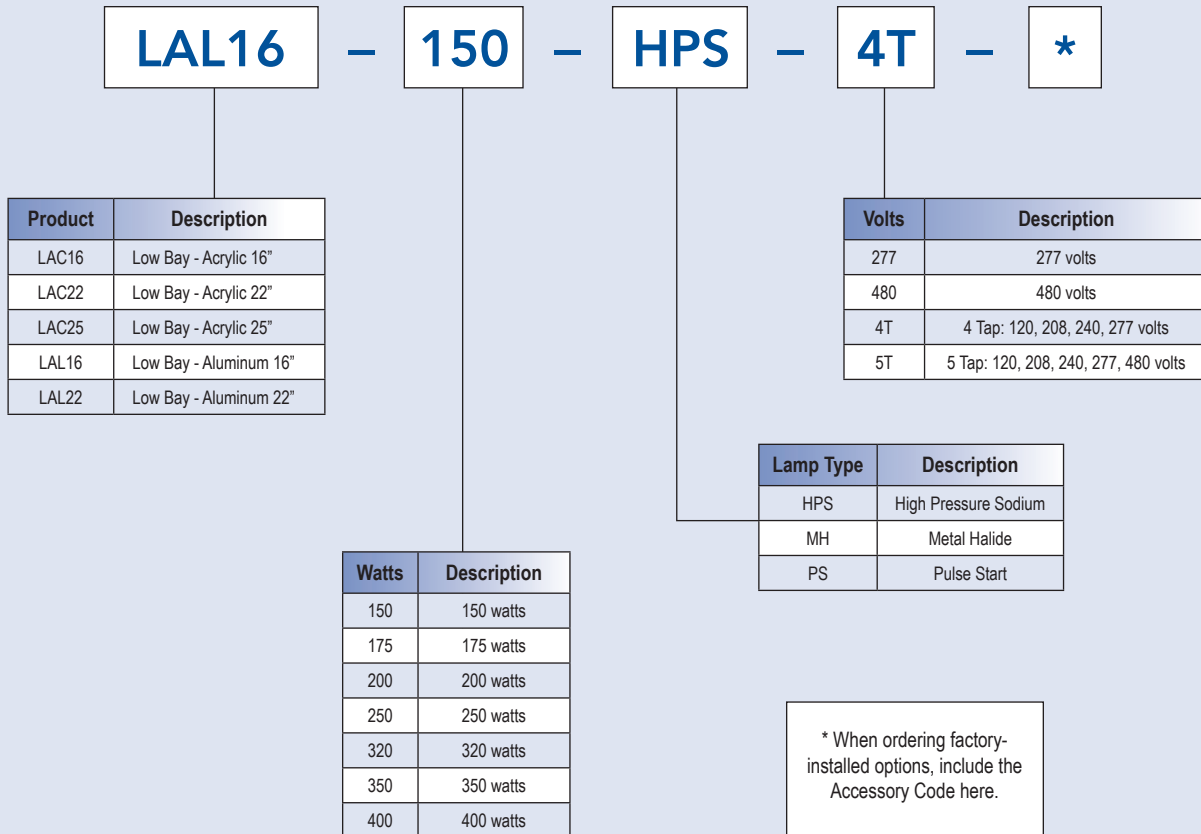
Accessories

Catalog #	Description
25WG	Wire guard with stainless steel construction
25DL	25" drop lens
25CB	25" clamp band
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set

Low Bays

Ordering Information

To assist you in the ordering process, we've included the following legend.



Are you ready to order?

Visit our website at www.Howard-Lighting.com to identify the member of our nationwide sales network in your specific area. These trained professionals provide quick turnaround on all quotes and questions in addition to assisting you in the order placement process.

How can I reach your customer or technical support team?

Anytime you have engineering or technical questions regarding one of our products, assistance is just a phone call away. Our customer and technical support is available Monday - Friday 7 AM - 5 PM (CST) at 800.956.3456 or via fax at 601.422.1652. We value our customers and pride ourselves on providing the superior service you would expect from a premier lighting provider.

I need my products NOW! Do you offer rapid shipping?

To ensure you have the products you need when you need them, many of our most popular products are available through our Rapid Shipping Program. Typically, these products are shipped within 24 hours of order receipt. Contact our customer support center for details or refer to our pricing lists.

Do you offer distributor packaging?

Absolutely! We understand the importance of having contractor-friendly distributor packaging which is why ours is heavy duty and has been specifically designed for the electrical and lighting distributor markets.

What about your terms and warranty?

We offer a limited warranty on all of our products. Please refer to the Terms and Conditions and Warranty sections of this catalog for more information.

Still need more information?

To obtain the most up-to-date information about us and our products and services, visit our website at www.Howard-Lighting.com. We are excited about our product offerings and look forward to welcoming you to our Howard Lighting customer family.



Low Bay - Aluminum 16"

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Ideal for illuminating warehouses, industrial, and retail facilities with low to medium ceiling heights
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LAL16-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
LAL16-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
LAL16-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
LAL16-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
LAL16-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
LAL16-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
LAL16-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
LAL16-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
LAL16-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/O	MP175/BU-ONLY
LAL16-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL16-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL16-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL16-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL16-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL16-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL16-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAL16-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAL16-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
LAL16-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
LAL16-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
LAL16-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
LAL16-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
LAL16-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
LAL16-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., LAL16-150-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Low Bay - Aluminum 22"

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Ideal for illuminating warehouses, industrial, and retail facilities with low to medium ceiling heights
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LAL22-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
LAL22-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
LAL22-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
LAL22-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
LAL22-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
LAL22-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
LAL22-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
LAL22-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
LAL22-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57/O	MP175/BU-ONLY
LAL22-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL22-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL22-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
LAL22-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL22-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL22-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
LAL22-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAL22-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAL22-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
LAL22-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
LAL22-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
LAL22-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
LAL22-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
LAL22-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
LAL22-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., LAL22-150-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Low Bay - Acrylic 16"

HPS / 150 - 250 watts

MH / 175 - 250 watts

PS / 200 - 250 watts

Application
Ideal for illuminating warehouses, industrial, and retail facilities with low to medium ceiling heights
Features
• Die-cast housing with electrical box and malleable hook (lamp included) • Acrylic drop lens

[illegible]

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., LAC16-150-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Low Bay - Acrylic 22"

HPS / 250 - 400 watts

MH / 250 - 400 watts

PS / 200 - 400 watts

Application
Ideal for illuminating warehouses, industrial, and retail facilities with low to medium ceiling heights
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LAC22-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
LAC22-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
LAC22-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
LAC22-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
LAC22-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
LAC22-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
LAC22-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC22-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC22-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC22-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC22-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC22-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC22-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAC22-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAC22-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
LAC22-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
LAC22-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
LAC22-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
LAC22-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
LAC22-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
LAC22-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., LAC22-250-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Low Bay - Acrylic 25"

HPS / 250 - 400 watts

MH / 250 - 400 watts

PS / 200 - 400 watts

Application
Excellent for illuminating warehouses, industrial, and retail facilities with low to medium ceiling heights
Features
- Die-cast housing with electrical box and malleable hook (lamp included) - Acrylic drop lens



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LAC25-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
LAC25-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250/ECO
LAC25-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250/ECO
LAC25-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
LAC25-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400/ECO
LAC25-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400/ECO
LAC25-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC25-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC25-250-MH-480	250 MH	480	M0250-11C-211-D	CWA	M58/O	MP250/BU-ONLY
LAC25-400-MH-4T	400 MH	4T	M0400-71C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC25-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC25-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/O	MP400/BU-ONLY
LAC25-200-PS-277	200 PS	277	M0200-08C-611-DE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAC25-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MS200/PS/BU-ONLY/BT28
LAC25-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
LAC25-320-PS-277	320 PS	277	M0320-08C-711-DE	R-HPF	M154/O	MP320/350/PS/BU-ONLY/BT28
LAC25-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
LAC25-350-PS-277	350 PS	277	M0350-08C-711-DE	R-HPF	M131/O	MP350/400/PS/BU-ONLY
LAC25-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MP350/400/PS/BU-ONLY
LAC25-400-PS-277	400 PS	277	M0400-08C-711-DE	R-HPF	M155/S	MS400/PS/BU-ONLY
LAC25-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., LAC25-250-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
SPMSP	Swivel pendent mount square plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with a ball that allows the fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Outdoor Lighting



When you purchase outdoor lighting you have a specific purpose in mind • Captivating passers-by with precise light that highlights the architectural design of your office or home • Evenly illuminating the fields and parks where your community plays football, soccer, and baseball with optimal brilliance and minimal glare • Blasting your signs or displays with crisp, controlled light to showcase your products and services. Understanding this key fact is what drives us to manufacture and offer superior flood and sports lighting products that withstand the harshest of environmental conditions with minimal maintenance while delivering the consistent light you rely upon. And with a full range of products, sizes, housing styles, and optional accessories, we're confident that we have everything you need to accomplish your specific outdoor lighting goals.

We deliver lighting with a purpose.
*Lighting **for life**™*

Outdoor



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Sports Lighter

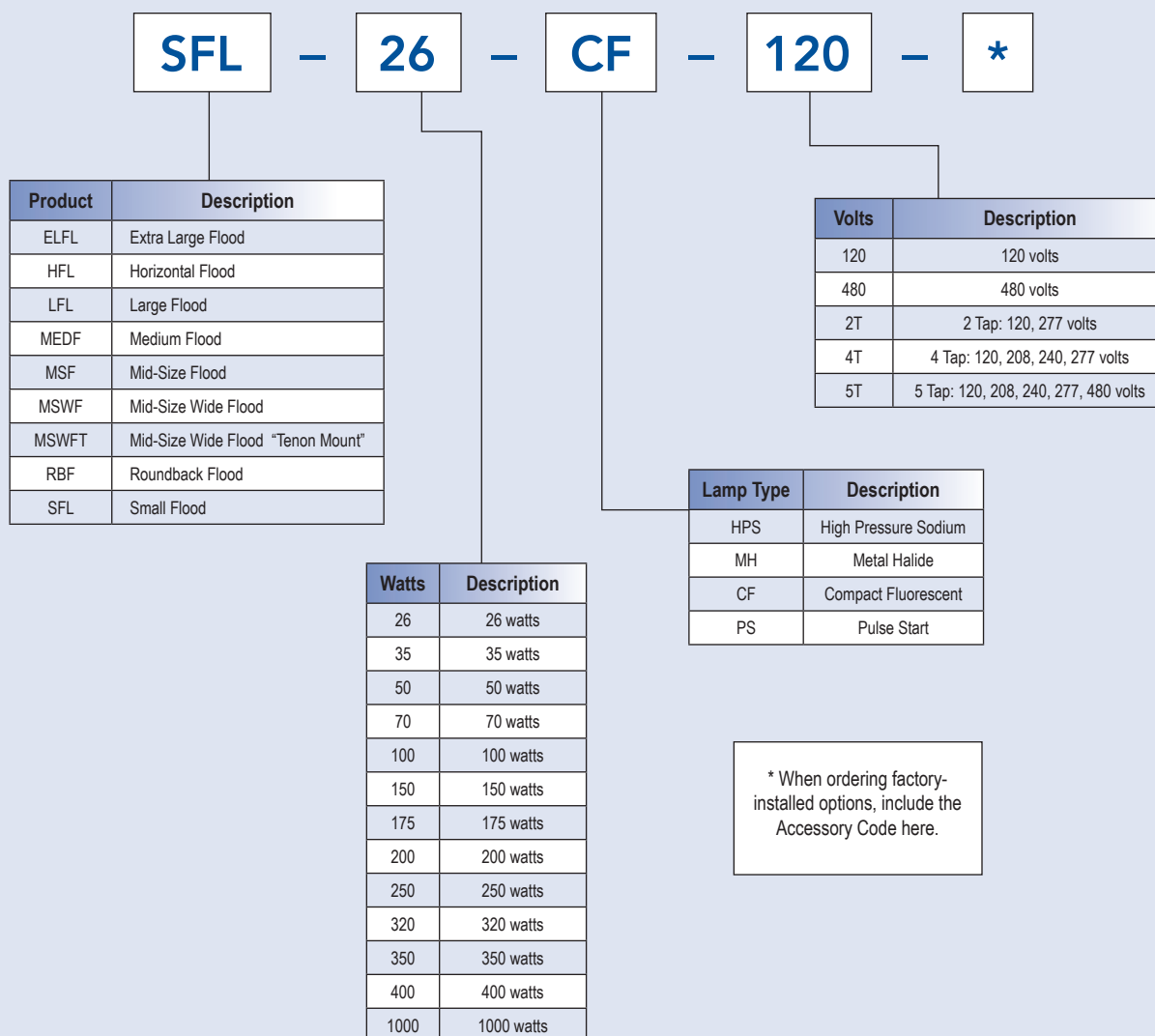
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Lighting

Ordering Information

To assist you in the ordering process, we've included the following legend.



Small Flood

CF / 26 watts

HPS / 35 - 150 watts

MH / 50 - 100 watts

Application
Great for lighting building facades, displays, signs, or for general security lighting purposes
Features
- Die-cast housing with hinged door frame for easy relamping (lamp included) - Textured bronze finish with tempered glass lens 1/2" adjustable knuckle - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
SFL-26-CF-120	26 CF	120	M1/26CFH-120	Preheat-HPF	N/A	CF26DD/827
SFL-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
SFL-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
SFL-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
SFL-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
SFL-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
SFL-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
SFL-50-MH-4T	50 MH	4T	M0050-71C-511-DE	HX-HPF	M110	MH50/U/MED
SFL-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
SFL-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
SFL-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED

Accessories

Catalog #	Description
SFLWG	Wire guard with stainless steel construction
SFLGS	Black powder-coat finished glare shield that can be reverse mounted to use as a back cutoff
SFLVG	Clear polycarbonate vandal guard
FLPTF	Textured bronzed finished die-cast aluminum post top fitter with three 1/2" tapped holes and coin plugs (fits 3" to 3-1/2" pipe)
FLGSTK	HID ground stake with position adjustable stabilizer, die-cast fitting that accepts 1/2" knuckle, and built in wiring compartment



Mid-Size Wide Flood

HPS / 35 - 150 watts

MH / 50 - 175 watts

Application
Perfect for lighting building facades, displays, signs, or for general security lighting purposes
Features
- Die-cast housing with hinged door frame for easy relamping (lamp included) - Textured bronze finish with tempered glass lens 1/2" adjustable knuckle - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MSWF-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MSWF-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MSWF-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MSWF-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MSWF-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MSWF-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MSWF-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MSWF-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MSWF-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
MSWF-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MSWF-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
MSWF-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MSWF-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
MSWF-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MSWF-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
MSFWG	Wire guard with stainless steel construction
MSFGS	Black powder-coat finished glare shield that can be reverse mounted to use as a back cutoff
MSFVG	Clear polycarbonate vandal guard
FLPTF	Textured bronzed finished die-cast aluminum post top fitter with three 1/2" tapped holes and coin plugs (fits 3" to 3-1/2" pipe)
FLGSTK	HID ground stake with position adjustable stabilizer, die-cast fitting that accepts 1/2" knuckle, and built in wiring compartment

Mid-Size Wide Flood "Tenon Mount"

HPS / 35 - 150 watts

MH / 50 - 175 watts

Application
Ideal for lighting building facades, displays, signs, landscapes, or for general security lighting purposes
Features
- Die-cast housing with hinged door frame for easy relamping (lamp included) - Textured bronze finish with tempered glass lens and adjustable reflector and socket to allow horizontal or vertical lamp - Slip fitter that fits 2 3/8" tenon - Sturdy mounting system resists damage from lawn equipment and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MSWFT-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MSWFT-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MSWFT-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MSWFT-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MSWFT-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MSWFT-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MSWFT-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MSWFT-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MSWFT-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
MSWFT-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MSWFT-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
MSWFT-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MSWFT-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
MSWFT-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MSWFT-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
MSFWG	Wire guard with stainless steel construction
MSFGS	Black powder-coat finished glare shield that can be reverse mounted to use as a back cutoff
MSFVG	Clear polycarbonate vandal guard



Mid-Size Flood

HPS / 35 - 150 watts

MH / 50 - 175 watts

Application
Great for lighting building facades, displays, signs, or for general security lighting purposes
Features
- Die-cast housing with hinged door frame for easy relamping (lamp included) - Textured bronze finish with tempered glass lens 1/2" adjustable knuckle - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MSF-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MSF-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MSF-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MSF-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MSF-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MSF-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MSF-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MSF-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MSF-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
MSF-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MSF-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
MSF-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MSF-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
MSF-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MSF-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
MSFWG	Wire guard with stainless steel construction
MSFGS	Black powder-coat finished glare shield that can be reverse mounted to use as a back cutoff
MSFVG	Clear polycarbonate vandal guard
FLPTF	Textured bronzed finished die-cast aluminum post top fitter with three 1/2" tapped holes and coin plugs (fits 3" to 3-1/2" pipe)
FLGSTK	HID ground stake with position adjustable stabilizer, die-cast fitting that accepts 1/2" knuckle, and built in wiring compartment

Round Back Flood

HPS / 70 - 150 watts

MH / 50 - 175 watts

Application
Great for lighting building facades, displays, signs, or for general security lighting purposes
Features
- Die-cast housing with hinged door frame for easy relamping (lamp included) - Textured bronze finish with tempered glass lens - Adjustable knuckle - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
RBF-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
RBF-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
RBF-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
RBF-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
RBF-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
RBF-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
RBF-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
RBF-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
RBF-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
RBF-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
RBF-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
RBF-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
RBFWG	Wire guard with stainless steel construction
RBFGS	Black powder-coat finished glare shield that can be reverse mounted to use as a back cutoff
RBFVG	Clear polycarbonate vandal guard
FLPTF	Textured bronzed finished die-cast aluminum post top fitter with three 1/2" tapped holes and coin plugs (fits 3" to 3-1/2" pipe)
FLGSTK	HID ground stake with position adjustable stabilizer, die-cast fitting that accepts 1/2" knuckle, and built in wiring compartment



Horizontal Flood

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Perfect for lighting building facades, displays, signs, or for general security lighting purposes
Features
• Die-cast housing with hinged top frame for easy relamping (lamp included) • Tempered glass lens • Textured bronze finish • UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
HFL-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55
HFL-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
HFL-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
HFL-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
HFL-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
HFL-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
HFL-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
HFL-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
HFL-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U
HFL-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U
HFL-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
HFL-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
HFL-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59	MH400/U
HFL-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59	MH400/U
HFL-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136	MH200/U
HFL-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153	MP250/PS/HOR
HFL-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154	MP320/350/PS/HOR/BT28
HFL-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131	MH350/HOR
HFL-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155	MS400/PS/HOR

Factory-Installed Options

Catalog #	Description	Accessory Code*
HFLSY	Small-mounting yoke with stamped-steel construction	A
HFLLY	Large-mounting yoke with stamped-steel construction	B
* When ordering, include the Accessory Code with the catalog number (e.g., HFL-150-HPS-120-A)		

Accessories

Catalog #	Description
HFLWG	Wire guard with stainless steel construction
HFLGS	Glare shield that can be reverse mounted to use as a back cutoff
HFLVG	Vandal resistant, clear polycarbonate PC guard
HFLSY	Small-mounting yoke with stamped-steel construction
HFLLY	Large-mounting yoke with stamped-steel construction
FLTM	Bronze finished pole tenon mount that fits over 2" pole or tenon (use with small yoke)



Medium Flood

HPS / 35 - 150 watts

MH / 50 - 175 watts

Application

Excellent for lighting building facades, displays, signs, or for general security lighting purposes

Features

- Die-cast housing with hinged door frame for easy relamping (lamp included)
- Textured bronze finish
- Tempered glass lens
- UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MEDF-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MEDF-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MEDF-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MEDF-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MEDF-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MEDF-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MEDF-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MEDF-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MEDF-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
MEDF-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MEDF-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
MEDF-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MEDF-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
MEDF-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MEDF-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Factory-Installed Options

Catalog #	Description	Accessory Code*
MFSB	Stamped, two-piece swivel bracket in a bronze finish	A
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators	B
* When ordering, include the Accessory Code with the catalog number (e.g., MEDF-35-HPS-120-A)		

Accessories

Catalog #	Description
MEDFWG	Wire guard with stainless steel construction
MEDFGS	Glare shield that can be reverse mounted to use as a back cutoff
MEDFVG	Vandal resistant, clear polycarbonate PC guard
FLTM	Bronze finished pole tenon mount that fits over 2" pipe or tenon (use with swivel bracket)
MFSB	Stamped, two-piece swivel bracket in a bronze finish
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators



Large Flood

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Great for lighting building facades, displays, signs, or for general security lighting purposes
Features
• Die-cast housing with hinged door frame for easy relamping (lamp included) • Textured bronze finish • Tempered glass lens • UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LFL-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55
LFL-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
LFL-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LFL-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LFL-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
LFL-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
LFL-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
LFL-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
LFL-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U
LFL-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U
LFL-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
LFL-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
LFL-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59	MH400/U
LFL-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59	MH400/U
LFL-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136	MH200/U
LFL-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153	MP250/PS/Vertical
LFL-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154	MP320/350/PS/Vertical/BT28
LFL-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131	MP350/400/PS/Vertical
LFL-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155	MS400/PS/Vertical

Factory-Installed Options

Catalog #	Description	Accessory Code*
MFSB	Stamped, two-piece swivel bracket in a bronze finish	A
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators	B
* When ordering, include the Accessory Code with the catalog number (e.g., LFL-150-HPS-120-A)		

Accessories

Catalog #	Description
LFLWG	Wire guard with stainless steel construction
LFLGS	Glare shield that can be reverse mounted to use as a back cutoff
LFLVG	Vandal resistant, clear polycarbonate PC guard
LFLB	Baffle with a black powder-coat finish
FLTM	Bronze finished pole tenon mount that fits over 2" pipe or tenon (use with swivel bracket)
MFSB	Stamped, two-piece swivel bracket in a bronze finish
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators



Extra Large Flood

HPS / 400 - 100 watts

MH / 400 - 100 watts

PS / 400 watts

Application

Ideal for lighting building facades, displays, signs, or for general security lighting purposes

Features

- Die-cast housing with hinged door frame for easy relamping (lamp included)
- Textured bronze finish
- Tempered glass lens
- UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
ELFL-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
ELFL-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
ELFL-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
ELFL-1000-HPS-4T	1000 HPS	4T	S1000-71C-211-CE	CWA	S52	LU1000
ELFL-1000-HPS-480	1000 HPS	480	S1000-11C-211-CE	CWA	S52	LU1000
ELFL-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59/E	MH400/U
ELFL-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/E	MH400/U
ELFL-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/E	MH400/U
ELFL-1000-MH-4T	1000 MH	4T	M1000-71C-212-C	CWA	M47/S	MH1000/U
ELFL-1000-MH-480	1000 MH	480	M1000-11C-212-C	CWA	M47/S	MH1000/U
ELFL-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Factory-Installed Options

Catalog #	Description	Accessory Code*
MFSB	Stamped, two-piece swivel bracket in a bronze finish	A
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators	B
* When ordering, include the Accessory Code with the catalog number (e.g., ELFL-400-HPS-4T-A)		

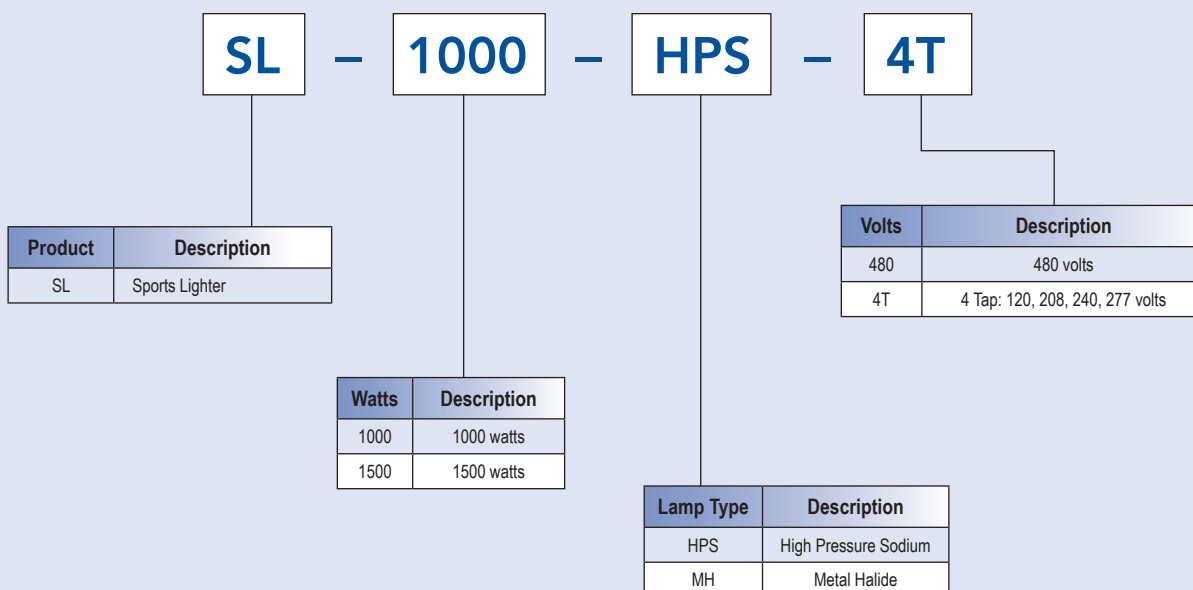
Accessories

Catalog #	Description
LFLWG	Wire guard with stainless steel construction
LFLGS	Glare shield that can be reverse mounted to use as a back cutoff
LFLVG	Vandal resistant, clear polycarbonate PC guard
LFLB	Baffle with a black powder-coat finish
FLTM	Bronze finished pole tenon mount that fits over 2" pipe or tenon (use with swivel bracket)
MFSB	Stamped, two-piece swivel bracket in a bronze finish
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators

Sports Lighter

Ordering Information

To assist you in the ordering process, we've included the following legend.



Sports Lighter

HPS / 1000 watts

MH / 1000 - 1500 watts

Application
Great for illuminating sporting areas or any external environment requiring bright light
Features
- Die-cast aluminum housing (lamp included) - Die-cast lamp housing and ballast box - Textured bronze finish with spun anodized pinged aluminum reflector - Optional internal lamp brace, flat tempered glass with gasket, glare shield, pole top mount, or yoke mount



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
SL-1000-HPS-4T	1000 HPS	4T	S1000-71C-211-CE	CWA	S52	LU1000
SL-1000-HPS-480	1000 HPS	480	S1000-11C-211-CE	CWA	S52	LU1000
SL-1000-MH-4T	1000 MH	4T	M1000-71C-212-C	CWA	M47/S	M1000/U
SL-1000-MH-480	1000 MH	480	M1000-11C-212-C	CWA	M47/S	M1000/U
SL-1500-MH-4T	1500 MH	4T	M1500-71C-212-C	CWA	M48/E	M1500/BU-HOR
SL-1500-MH-480	1500 MH	480	M1500-11C-212-C	CWA	M48/E	M1500/BU-HOR

Accessories

Catalog #	Description
SLR	Reflector - replacement spun anodized aluminum, 19" diameter
SLFLCB	Flat glass and clamp band - tempered glass and gasket, with aluminum clamp band
SLPTM	Textured bronze finished pole top mount that allows aiming of fixture (includes hardware)
SLGS	Glare shield (includes clamp band)
SLILB	Internal lamp brace that fits inside reflector and provides support for lamp
SLYM	Steel yoke mount with textured bronze finish



Security Lighting



When it comes to security lighting, our fixtures are ideal. Of course they all provide the durability, flexibility, and quality that you require, but with the multitude of housing styles, mounting positions, and optical systems their applications are virtually limitless. From illuminating streets, underpasses, entry ways, stairways, parking garages, or storage areas for purely practical purposes to showcasing your building and its surroundings, our products deliver more than just light. They give you and your customers the priceless security that light brings to the darkness. And they leave you with the peace of mind that your building and its perimeters are bathed in the dependable glow of Howard Lighting products. What could be more important than that to you, your employees, or your family?

We deliver lighting that matters.
*Lighting **for life**™*

Security



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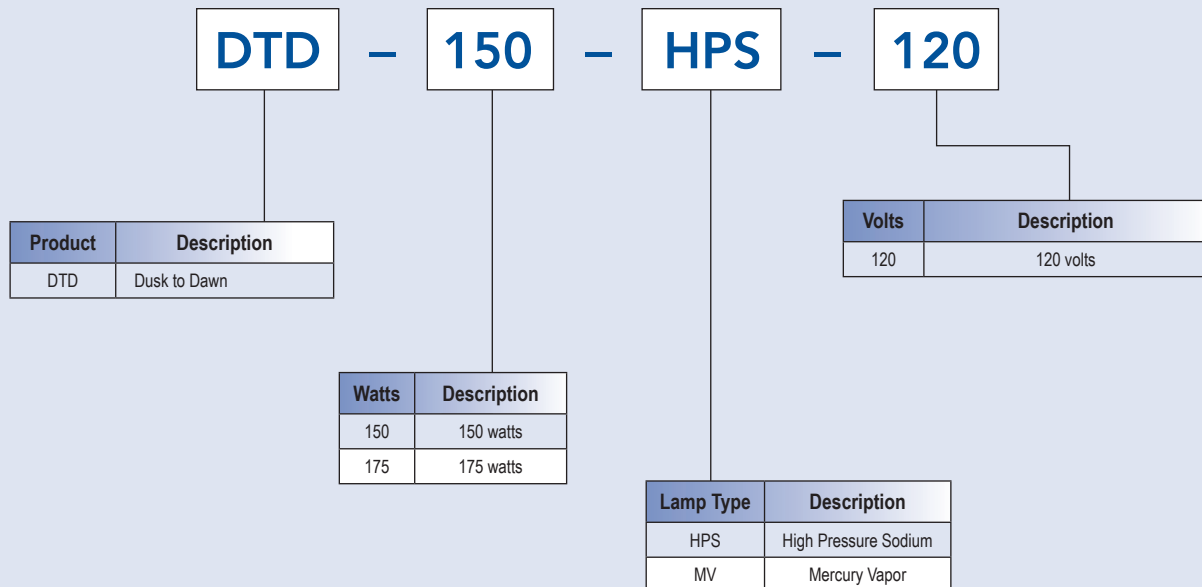


Lighting

Dusk to Dawn

Ordering Information

To assist you in the ordering process, we've included the following legend.



Dusk to Dawn

HPS / 150 watts MV / 175 watts

Application
Great for lighting streets and parking lots
Features
• UL listed for wet locations • Photo control included • Coated lamp • Lamp included



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
DTD-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/ECO
DTD-175-MV-120	175 MV	120	H0175-02C-212-D	CWA	H39	H39KB-175/DX

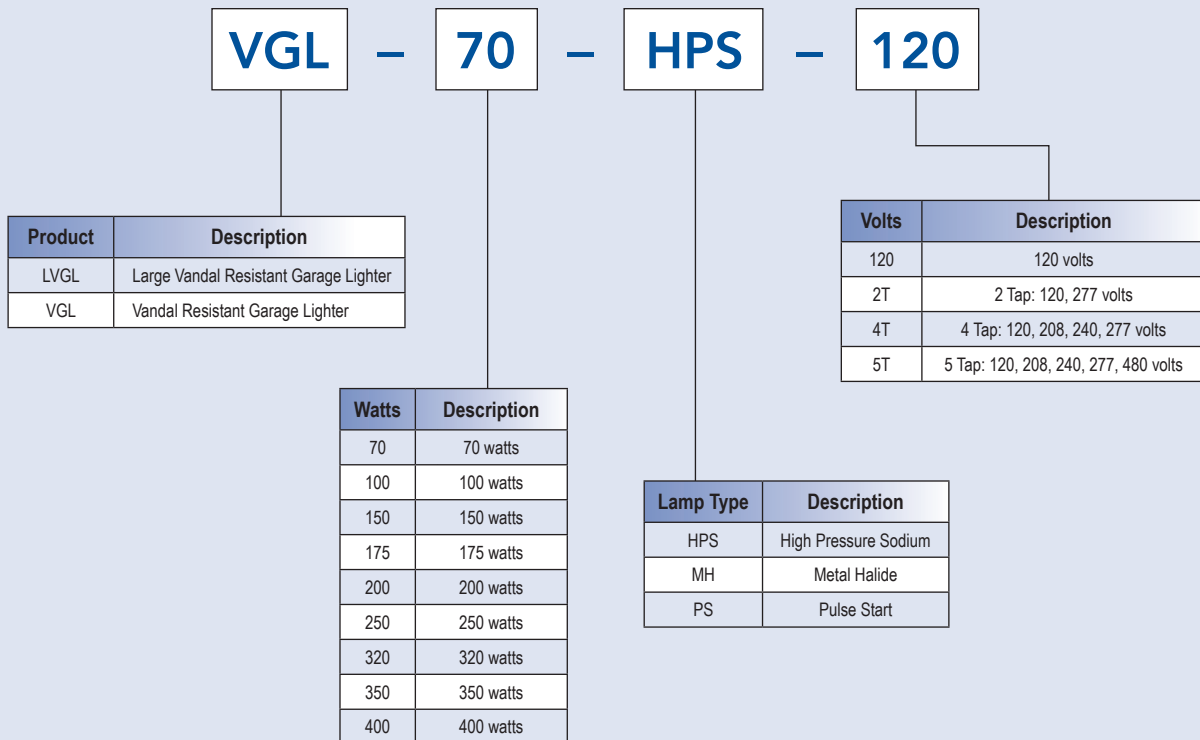
Accessories

Catalog #	Description
DTD18A	18" mounting arm
DTD24A	24" mounting arm

Garage Lighter

Ordering Information

To assist you in the ordering process, we've included the following legend.



Are you ready to order?

Visit our website at www.Howard-Lighting.com to identify the member of our nationwide sales network in your specific area. These trained professionals provide quick turnaround on all quotes and questions in addition to assisting you in the order placement process.

How can I reach your customer or technical support team?

Anytime you have engineering or technical questions regarding one of our products, assistance is just a phone call away. Our customer and technical support is available Monday - Friday 7 AM - 5 PM (CST) at 800.956.3456 or via fax at 601.422.1652. We value our customers and pride ourselves on providing the superior service you would expect from a premier lighting provider.

I need my products NOW! Do you offer rapid shipping?

To ensure you have the products you need when you need them, many of our most popular products are available through our Rapid Shipping Program. Typically, these products are shipped within 24 hours of order receipt. Contact our customer support center for details or refer to our pricing lists.

Do you offer distributor packaging?

Absolutely! We understand the importance of having contractor-friendly distributor packaging which is why ours is heavy duty and has been specifically designed for the electrical and lighting distributor markets.

What about your terms and warranty?

We offer a limited warranty on all of our products. Please refer to the Terms and Conditions and Warranty sections of this catalog for more information.

Still need more information?

To obtain the most up-to-date information about us and our products and services, visit our website at www.Howard-Lighting.com. We are excited about our product offerings and look forward to welcoming you to our Howard Lighting customer family.



Vandal Resistant Garage Lighter

HPS / 70 - 150 watts

MH / 70 - 175 watts

Application
Great for lighting residential exteriors, entry ways, stairways, walkways, perimeters, storage areas, and warehouses in addition to garages
Features
- Die-cast housing with coin plugs on sides and back for conduit access (lamp included) - Textured bronze finish with vandal resistant polycarbonate lens - Built in template for mounting to electrical box - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
VGL-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
VGL-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
VGL-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
VGL-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
VGL-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
VGL-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
VGL-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
VGL-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
VGL-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
VGL-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
VGL-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
VGL-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
SPMSP	Swivel pendent mount square plate with ball allows fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
SPMRP	Swivel pendent mount round plate with ball allows fixture to hang straight (mount to standard electrical box; fits 3/4" conduit)
RB	Zinc-plated steel reducer bushing that reduces 3/4" to 1/2" (use with swivel pendent mount)

Large Vandal Resistant Garage Lighter

HPS / 150 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Ideal for lighting residential exteriors, entry ways, stairways, walkways, perimeters, storage areas, and warehouses in addition to garages
Features
- Die-cast housing with coin plugs on sides for conduit access (lamp included) - Textured bronze finish with vandal resistant polycarbonate lens - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LVGL-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
LVGL-150-HPS-5T	150 HPS	5T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
LVGL-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LVGL-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LVGL-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
LVGL-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
LVGL-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U
LVGL-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U
LVGL-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
LVGL-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
LVGL-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59	MH400/U
LVGL-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59	MH400/U
LVGL-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136	MH200/U
LVGL-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153	MP250/PS/BU-ONLY
LVGL-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154	MP320/350/PS/BU-ONLY/BT28
LVGL-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131	MP350/400/PS/BU-ONLY
LVGL-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155	MS400/PS/BU-ONLY

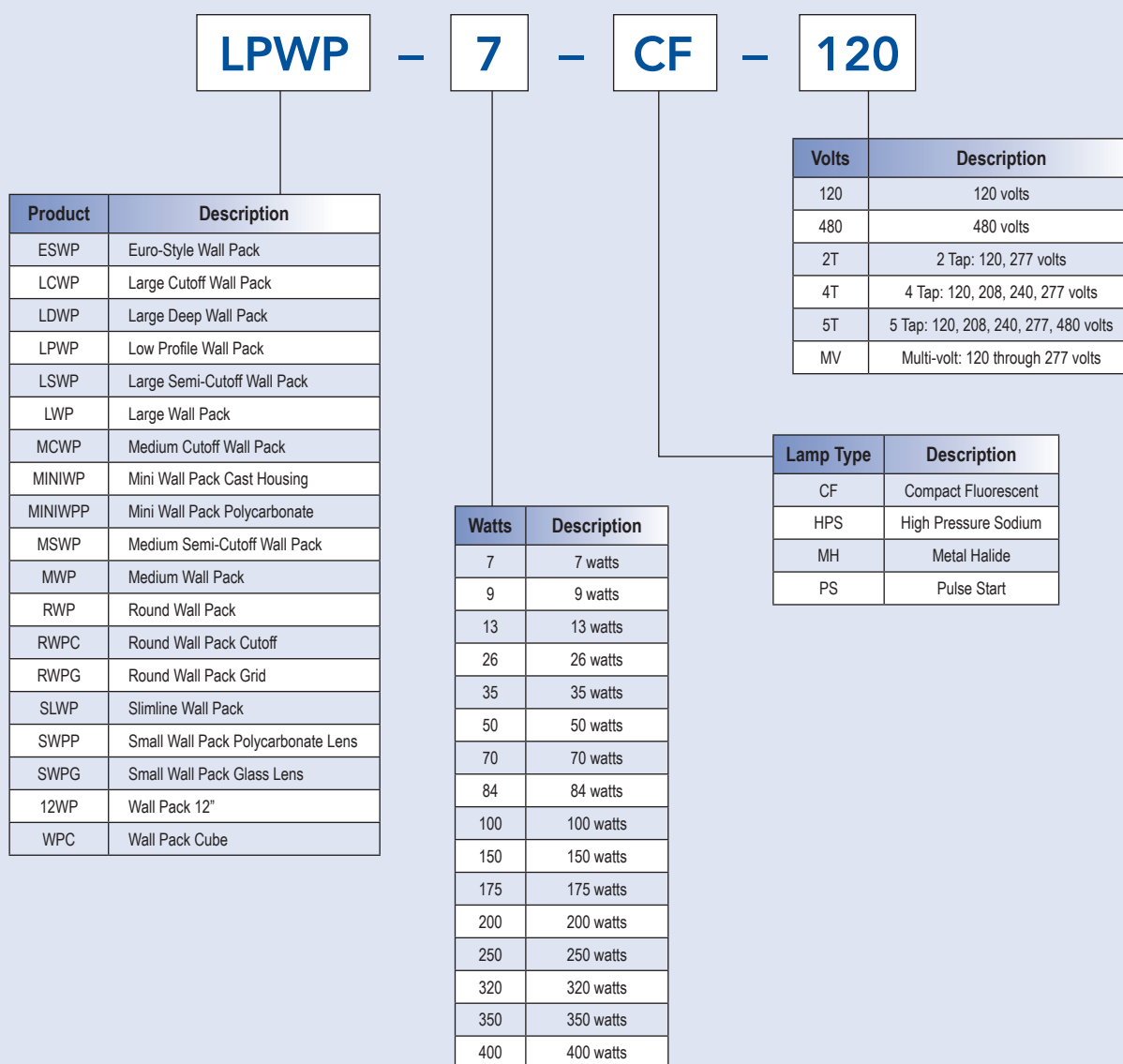
Accessories

Catalog #	Description
MFSB	Stamped, two-piece swivel bracket in a bronze finish
MFLSF	Bronze-finished die-cast slip fitter with mounting hardware and angle indicators

Wall Packs

Ordering Information

To assist you in the ordering process, we've included the following legend.



Low Profile Wall Pack

CF / 7 - 26 watts

HPS / 35 - 50 watts

Application
Perfect for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast aluminum housing with front frame (lamp included) - Polycarbonate lens - Available in white or standard textured bronze finish - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LPWP-7-CF-120	7 CF	120	M1/9CFN-120	Preheat-NPF	-	CF7DS/827
LPWP-9-CF-120	9 CF	120	M1/9CFN-120	Preheat-NPF	-	CF9DS/827
LPWP-13-CF-120	13 CF	120	M1/13CFN-120	Preheat-NPF	-	CF13DS/827
LPWP-26-CF-120	26 CF	120	M1/26CFH-120	Preheat-HPF	-	CF26DD/827
LPWP-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
LPWP-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED

Mini Wall Pack - Polycarbonate

CF / 26 watts

HPS / 35 - 70 watts

Application
Ideal for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Polycarbonate housing with conduit mounting plate and built in photocell (lamp included) - Polycarbonate lens - Available in white or standard textured bronze finish - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MINIWPP-26-CF-120	26 CF	120	M1/26CFH-120	Preheat-HPF	N/A	CF26DD/827
MINIWPP-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MINIWPP-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MINIWPP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED



Mini Wall Pack - Cast Housing

HPS / 35 - 100 watts

MH / 50 - 100 watts

Application
Perfect for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast housing with conduit access on bottom and back (lamp included) - Textured bronze finish with Borosilicate molded glass lens - Photocell adaptable - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MINIWP-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
MINIWP-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MINIWP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MINIWP-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MINIWP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MINIWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MINIWP-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110/O	MH50/U/MED
MINIWP-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98/O	MH70/U/MED
MINIWP-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90/O	MH100/U/MED
MINIWP-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90/O	MH100/U/MED

Accessories

Catalog #	Description
MINIWPWG	Wire guard with stainless steel construction
WPMP	Die-cast wall pack mounting plate with locknut, O-ring, and weatherproof gasket
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Wall Pack Cube

HPS / 35 - 70 watts

Application
Great for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast housing (lamp included) - Polycarbonate lens - Available in white or standard textured bronze finish - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
WPC-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
WPC-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
WPC-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED

Small Wall Pack - Polycarbonate Lens

HPS / 35 - 100 watts MH / 50 - 70 watts

Application
Ideal for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast housing with conduit access on both sides (lamp included) - Available in white or standard textured bronze finish with a polycarbonate lens - Photocell adaptable - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
SWPP-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
SWPP-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
SWPP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
SWPP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
SWPP-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
SWPP-70-MH-4T	70 MH	4T	M0070-23C-511-DE	HX-HPF	M98	MH70/U/MED

Accessories

Catalog #	Description
WPMP	Die-cast wall pack mounting plate with locknut, O-ring, and weatherproof gasket
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Small Wall Pack - Glass Lens

HPS / 35 - 150 watts

MH / 50 - 100 watts

Application
Perfect for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast housing with conduit access on both sides (lamp included) - Textured bronze finish with Borosilicate molded glass lens - Photocell adaptable - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
SWPG-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
SWPG-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
SWPG-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
SWPG-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
SWPG-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
SWPG-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
SWPG-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
SWPG-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
SWPG-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
SWPG-50-MH-4T	50 MH	4T	M0050-71C-511-DE	HX-HPF	M110	MH50/U/MED
SWPG-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
SWPG-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
SWPG-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED

Accessories

Catalog #	Description
SWPGWG	Wire guard with stainless steel construction
WPMP	Die-cast wall pack mounting plate with locknut, O-ring, and weatherproof gasket
SWPGGS	Glare shield with textured bronze finish
SWPGFC	Full cutoff with textured bronze finish
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Medium Wall Pack

HPS / 50 - 150 watts

MH / 70 - 175 watts

Application
Great for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" conduit access, sides, top, or rear knockouts - Photocell adaptable and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MWP-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
MWP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MWP-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MWP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MWP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MWP-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MWP-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
MWP-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MWP-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
MWP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MWP-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
MWPWG	Wire guard with stainless steel construction
MWPFC	Full cutoff with textured bronze finish
MWPSC	Side cutoff with textured bronze finish
MWPVG	Clear polycarbonate vandal guard
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Large Wall Pack

HPS / 150 - 250 watts

MH / 175 - 250 watts

PS / 200 - 250 watts

Application
Ideal for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1½" conduit access, sides, top, or rear knockouts - Photocell adaptable and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LWP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55
LWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
LWP-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LWP-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LWP-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
LWP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U
LWP-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U
LWP-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
LWP-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
LWP-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136	MH200/U
LWP-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153	MP250/PS/BU-ONLY

Accessories

Catalog #	Description
LWPWG	Wire guard with stainless steel construction
LWPFC	Full cutoff with textured bronze finish
LWPSC	Side cutoff with textured bronze finish
LWPGV	Clear polycarbonate vandal guard
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Large Deep Wall Pack

HPS / 250 - 400 watts

MH / 250 - 400 watts

PS / 320 - 400 watts

Application
Excellent for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" conduit access, sides, top, or rear knockouts - Photocell adaptable and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LDWP-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LDWP-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LDWP-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
LDWP-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
LDWP-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
LDWP-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
LDWP-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
LDWP-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
LDWP-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59	MH400/U
LDWP-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59	MH400/U
LDWP-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154	MP320/PS/BU-HOR
LDWP-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131	MH350/HOR
LDWP-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155	MS400/PS/BU-ONLY

Accessories

Catalog #	Description
LWPPWG	Wire guard with stainless steel construction
LWPPFC	Full cutoff with textured bronze finish
LWPPSC	Side cutoff with textured bronze finish
LWPPVG	Clear polycarbonate vandal guard
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Medium Semi-Cutoff Wall Pack

HPS / 70 - 150 watts

MH / 70 - 175 watts

Application
Perfect for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
• Die-cast aluminum housing with hinged door frame (lamp included) • Textured bronze finish with Borosilicate molded glass lens • 1/2" conduit access, sides, top, or rear knockouts • Photocell adaptable and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MSWP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MSWP-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MSWP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MSWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MSWP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MSWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MSWP-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MSWP-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MSWP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MSWP-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
LWPFC	Full cutoff with textured bronze finish
LWPSC	Side cutoff with textured bronze finish
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Large Semi-Cutoff Wall Pack

HPS / 250 - 400 watts

MH / 250 - 400 watts

Application
Great for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" conduit access, sides, top, or rear knockouts - Photocell adaptable and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LSWP-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LSWP-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LSWP-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
LSWP-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
LSWP-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
LSWP-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
LSWP-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U/T15
LSWP-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U/T15
LSWP-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59	MH400/U/T15
LSWP-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59	MH400/U/T15

Accessories

Catalog #	Description
LWPFC	Full cutoff with textured bronze finish
LWPSC	Side cutoff with textured bronze finish
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Medium Cutoff Wall Pack

HPS / 70 - 150 watts

MH / 70 - 175 watts

Application
Perfect for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" conduit access, sides, top, or rear knockouts - Dark Sky compliant, photocell adaptable, and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
MCWP-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
MCWP-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
MCWP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
MCWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
MCWP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
MCWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
MCWP-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
MCWP-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
MCWP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
MCWP-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Large Cutoff Wall Pack

HPS / 250 watts

MH / 250 watts

PS / 320 - 350 watts

Application
Ideal for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with hinged door frame (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" conduit access, sides, top, or rear knockouts - Dark Sky compliant, photocell adaptable, and UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
LCWP-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
LCWP-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
LCWP-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
LCWP-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58	MH250/U
LCWP-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58	MH250/U
LCWP-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154	MP320/PS/BU-HOR
LCWP-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131	MH350/HOR

Accessories

Catalog #	Description
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Wall Pack 12"

HPS / 70 - 150 watts

MH / 70 - 175 watts

Application
Excellent for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
- Die-cast aluminum housing with front frame (lamp included) - Side conduit accesses - Vandal-resistant polycarbonate prismatic lens - Textured bronze finish



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
12WP-70-HPS-120	70 HPS	120	S0070-02C-111E	R-NPF	S62	LU70/MED
12WP-70-HPS-4T	70 HPS	4T	S0070-71C-511DE	HX-HPF	S62	LU70/MED
12WP-100-HPS-120	100 HPS	120	S0100-02C-111E	R-NPF	S54	LU100/MED
12WP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
12WP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
12WP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
12WP-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
12WP-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
12WP-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
12VP-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED
12WP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57	MH175/U/MED
12WP-175-MH-5T	175 MH	5T	M0175-81C-211-D	CWA	M57	MH175/U/MED

Accessories

Catalog #	Description
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v

Slimline Wall Pack

HPS / 100 - 400 watts

MH / 175 - 400 watts

PS / 200 - 400 watts

Application
Ideal for lighting residential exteriors, entry ways, stairways, parking garages, and storage areas
Features
- Die-cast housing with conduit access and hinged door frame for easy relamping (lamp included) - Textured bronze finish with Borosilicate molded glass lens 1/2" threaded apertures for conduit and photo control - Mounting plate with integral electric box



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
SLWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100
SLWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55
SLWP-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250
SLWP-250-HPS-5T	250 HPS	5T	S0250-81C-211-DE	CWA	S50	LU250
SLWP-250-HPS-480	250 HPS	480	S0250-11C-211-DE	CWA	S50	LU250
SLWP-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400
SLWP-400-HPS-5T	400 HPS	5T	S0400-81C-211-DE	CWA	S51	LU400
SLWP-400-HPS-480	400 HPS	480	S0400-11C-211-CE	CWA	S51	LU400
SLWP-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/E	MH175/U
SLWP-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/E	MH250/U/T15
SLWP-250-MH-5T	250 MH	5T	M0250-81C-211-D	CWA	M58/E	MH250/U/T15
SLWP-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59/E	MH400/U/T18
SLWP-400-MH-5T	400 MH	5T	M0400-81C-211-D	CWA	M59/E	MH400/U/T18
SLWP-400-MH-480	400 MH	480	M0400-11C-211-D	CWA	M59/E	MH400/U/T18
SLWP-200-PS-4T	200 PS	4T	M0200-71C-611-CE	PS-CWA	M136/E	MH200/U
SLWP-250-PS-4T	250 PS	4T	M0250-71C-611-DE	PS-CWA	M153/O	MP250/PS/BU-ONLY
SLWP-320-PS-4T	320 PS	4T	M0320-71C-611-DE	PS-CWA	M154/O	MP320/350/PS/BU-ONLY/BT28
SLWP-350-PS-4T	350 PS	4T	M0350-71C-611-DE	PS-CWA	M131/O	MH350/HOR
SLWP-400-PS-4T	400 PS	4T	M0400-71C-611-DE	PS-CWA	M155/S	MS400/PS/BU-ONLY

Accessories

Catalog #	Description
BPC120	Button photocell - 120v
BPC208/277	Button photocell - 208 or 277v



Euro-Style Wall Pack

CF / 84 watts

Application
Excellent for lighting parking facilities, entry ways, perimeters, pathways, and underpasses
Features
• Die-cast aluminum backed housing (lamp included) • Vandal resistant polycarbonate front housing • Front housing hinged for easy relamping • Clear ribbed lens



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
ESWP-84-CF-MV	84	120-277	EP2/42CF/120-277	Electronic	-	CF42T/E/IN/841

Round Wall Pack

HPS / 100 – 150 watts

MH / 100 – 175 watts

Application
Great for lighting apartment buildings, walkways, and residential areas
Features
• 15" diameter die-cast surface mount housing (lamp included) • Molded heat-treated glass with sandblasted finish



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
RWP-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
RWP-100-HPS-4T	100 HPS	4T	S0100-71C-511-E	HX-HPF	S54	LU100/MED
RWP-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
RWP-150-HPS-4T	150 HPS	4T	S0150-71C-511-E	HX-HPF	S55	LU150/55/MED
RWP-100-MH-4T	100 MH	4T	M0100-71C-511-E	HX-HPF	M90	MH100/U/MED
RWP-150-MH-2T	150 MH	2T	M0150-23C-511-E	HX-HPF	M102	MH150/U/MED
RWP-150-MH-4T	150 MH	4T	M0150-71C-511-E	HX-HPF	M102	MH150/U/MED
RWP-175-MH-4T	175 MH	4T	M0175-71C-212	CWA	M57	MH175/U/MED
RWP-175-MH-5T	175 MH	5T	M0175-81C-211	CWA	M57	MH175/U/MED

Round Wall Pack Cutoff

HPS / 100 – 150 watts

MH / 100 – 175 watts

Application
Perfect for illuminating apartment buildings, residential areas, and commercial buildings
Features
15" diameter die-cast surface mount housing (lamp included) - Molded heat-treated glass with sandblasted finish



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
RWPC-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
RWPC-100-HPS-4T	100 HPS	4T	S0100-71C-511-E	HX-HPF	S54	LU100/MED
RWPC-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
RWPC-150-HPS-4T	150 HPS	4T	S0150-71C-511-E	HX-HPF	S55	LU150/55/MED
RWPC-100-MH-4T	100 MH	4T	M0100-71C-511-E	HX-HPF	M90	MH100/U/MED
RWPC-150-MH-2T	150 MH	2T	M0150-23C-511-E	HX-HPF	M102	MH150/U/MED
RWPC-150-MH-4T	150 MH	4T	M0150-71C-511-E	HX-HPF	M102	MH150/U/MED
RWPC-175-MH-4T	175 MH	4T	M0175-71C-212	CWA	M57	MH175/U/MED
RWPC-175-MH-5T	175 MH	5T	M0175-81C-211	CWA	M57	MH175/U/MED

Round Wall Pack Grid

HPS / 100 – 150 watts

MH / 100 – 175 watts

Application
Great for lighting entry ways, pathways, and commercial buildings
Features
15" diameter die-cast surface mount housing (lamp included) - Molded heat-treated glass with sandblasted finish



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
RWPG-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
RWPG-100-HPS-4T	100 HPS	4T	S0100-71C-511-E	HX-HPF	S54	LU100/MED
RWPG-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
RWPG-150-HPS-4T	150 HPS	4T	S0150-71C-511-E	HX-HPF	S55	LU150/55/MED
RWPG-100-MH-4T	100 MH	4T	M0100-71C-511-E	HX-HPF	M90	MH100/U/MED
RWPG-150-MH-2T	150 MH	2T	M0150-23C-511-E	HX-HPF	M102	MH150/U/MED
RWPG-150-MH-4T	150 MH	4T	M0150-71C-511-E	HX-HPF	M102	MH150/U/MED
RWPG-175-MH-4T	175 MH	4T	M0175-71C-212	CWA	M57	MH175/U/MED
RWPG-175-MH-5T	175 MH	5T	M0175-81C-211	CWA	M57	MH175/U/MED



Specialty Lighting



While we offer an assorted selection of specialty lighting products, they all have several things in common. They provide you with the task-specific light you need when and where you need it along with the energy-efficient value, durability, and reliability you expect from premier lighting products. They are also designed for a variety of applications, environments, and performance. For example, with our canopies, you can strategically illuminate walkways, the exteriors and perimeters of your home or business, as well as parking garages, storage areas, and warehouses. With our portable, string, and temporary construction lights, you have precise, controlled light at your fingertips that can easily be stored for later use as required. Regardless of the specialty lighting products and accessories you select from our catalog, you will be empowered to work virtually wherever life takes you.

We deliver lighting where you need it.
*Lighting **for life**™*

Specialty



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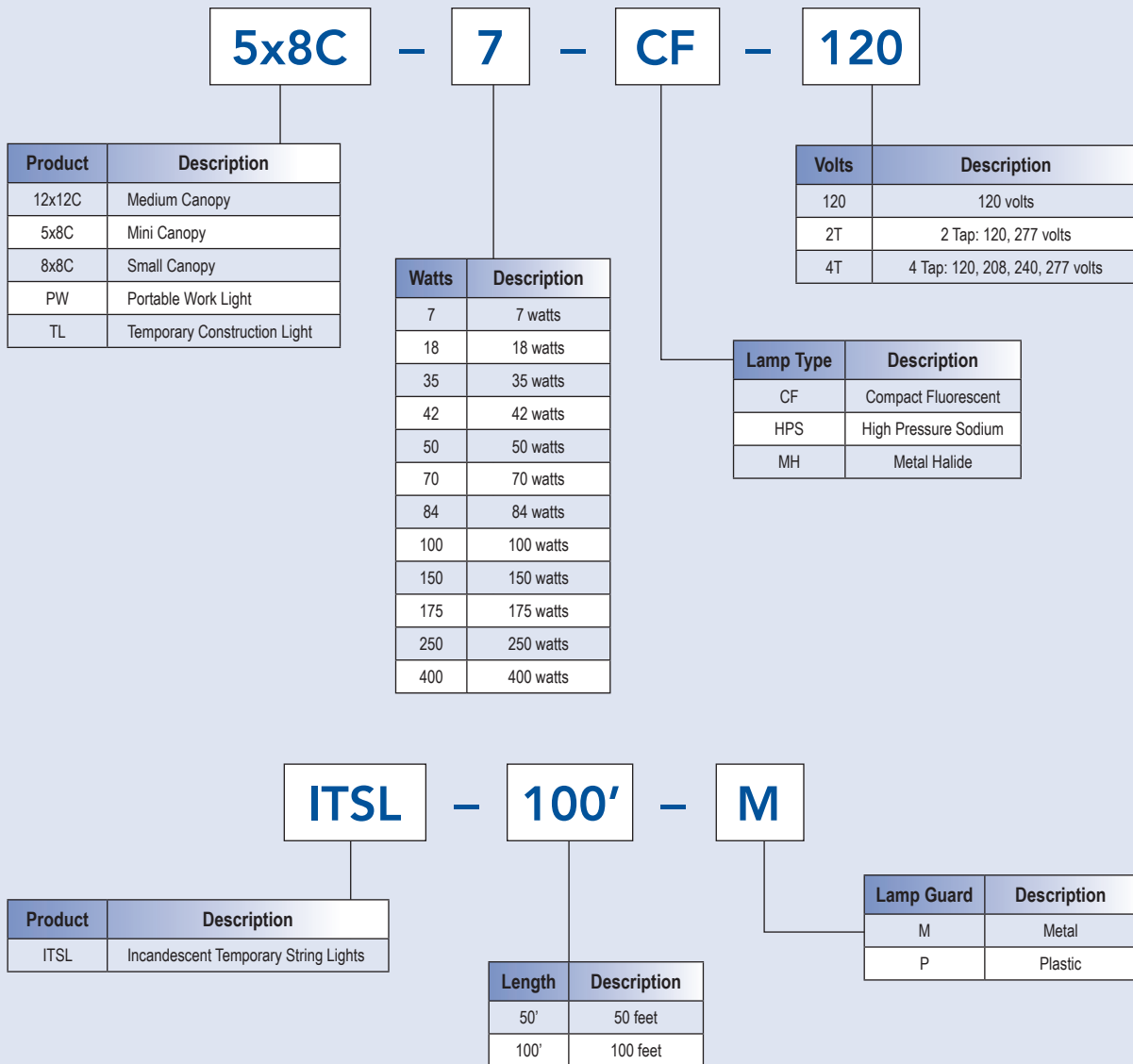


Lighting

Specialty Lighting

Ordering Information

To assist you in the ordering process, we've included the following legend.



Are you ready to order?

Visit our website at www.Howard-Lighting.com to identify the member of our nationwide sales network in your specific area. These trained professionals provide quick turnaround on all quotes and questions in addition to assisting you in the order placement process.

How can I reach your customer or technical support team?

Anytime you have engineering or technical questions regarding one of our products, assistance is just a phone call away. Our customer and technical support is available Monday - Friday 7 AM - 5 PM (CST) at 800.956.3456 or via fax at 601.422.1652. We value our customers and pride ourselves on providing the superior service you would expect from a premier lighting provider.

I need my products NOW! Do you offer rapid shipping?

To ensure you have the products you need when you need them, many of our most popular products are available through our Rapid Shipping Program. Typically, these products are shipped within 24 hours of order receipt. Contact our customer support center for details or refer to our pricing lists.

Do you offer distributor packaging?

Absolutely! We understand the importance of having contractor-friendly distributor packaging which is why ours is heavy duty and has been specifically designed for the electrical and lighting distributor markets.

What about your terms and warranty?

We offer a limited warranty on all of our products. Please refer to the Terms and Conditions and Warranty sections of this catalog for more information.

Still need more information?

To obtain the most up-to-date information about us and our products and services, visit our website at www.Howard-Lighting.com. We are excited about our product offerings and look forward to welcoming you to our Howard Lighting customer family.



Canopy 5" x 8"

CF / 7 watts

Application
Perfect for lighting residential exteriors, entry ways, stairways, walkways, perimeters, parking garages, storage areas, or industrial and warehouse environments
Features
- Polycarbonate lens - Lamp included



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
5x8C-7-CF-120	7 CF	120	M1/9CFN-120	Preheat-NPF	N/A	CF9DS/827

Canopy 8" x 8"

HPS / 35 - 70 watts

MH / 50 - 70 watts

CF / 18 watts

Application
Excellent for lighting residential exteriors, entry ways, stairways, walkways, perimeters, parking garages, storage areas, and warehouses
Features
- Die-cast housing with threaded conduit access (lamp included) - Polycarbonate lens - Textured bronze finish - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
8x8C-18-CF-120	18 CF	120	M1/18CFH-120	Preheat-HPF	N/A	CF18DD/827
8x8C-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
8x8C-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
8x8C-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
8x8C-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
8x8C-50-MH-4T	50 MH	4T	M0050-71C-511-DE	HX-HPF	M110	MH50/U/MED
8x8C-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED

Canopy 12" x 12"

HPS / 35 - 150 watts

MH / 50 - 150 watts

Application
Great for lighting residential exteriors, entry ways, stairways, walkways, perimeters, parking garages, storage areas, and warehouses
Features
- Die-cast housing with threaded conduit access (lamp included) - Polycarbonate lens - Textured bronze finish - UL listed for wet locations



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
12x12C-35-HPS-120	35 HPS	120	S0035-02C-111-E	R-NPF	S76	LU35/MED
12x12C-50-HPS-120	50 HPS	120	S0050-02C-111-E	R-NPF	S68	LU50/MED
12x12C-70-HPS-120	70 HPS	120	S0070-02C-111-E	R-NPF	S62	LU70/MED
12x12C-70-HPS-4T	70 HPS	4T	S0070-71C-511-DE	HX-HPF	S62	LU70/MED
12x12C-100-HPS-120	100 HPS	120	S0100-02C-111-E	R-NPF	S54	LU100/MED
12x12C-100-HPS-4T	100 HPS	4T	S0100-71C-511-DE	HX-HPF	S54	LU100/MED
12x12C-150-HPS-120	150 HPS	120	S0150-02C-111-E	R-NPF	S55	LU150/55/MED
12x12C-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/MED
12x12C-50-MH-2T	50 MH	2T	M0050-23C-511-DE	HX-HPF	M110	MH50/U/MED
12x12C-70-MH-4T	70 MH	4T	M0070-71C-511-DE	HX-HPF	M98	MH70/U/MED
12x12C-100-MH-2T	100 MH	2T	M0100-23C-511-DE	HX-HPF	M90	MH100/U/MED
12x12C-100-MH-4T	100 MH	4T	M0100-71C-511-DE	HX-HPF	M90	MH100/U/MED
12x12C-150-MH-4T	150 MH	4T	M0150-71C-511-DE	HX-HPF	M102	MH150/U/MED



Portable Work Light

MH / 70 - 175 watts

CF / 42 - 84 watts

Application
Great for providing light for a multitude needs and environments
Features
• UL listed for wet locations • Molded lens • Includes carry handle with a magnet on back of fixture • Lamp included



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
PW-70-MH-2T	70 MH	2T	M0070-23C-511-DE	HX-HPF	M98/O	MP70/U/MED
PW-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/E	M175/U/MED
PW-42-CF-120	42 CF	120	EP2/42CF/120-277	Electronic	N/A	CF42DT/E/IN/827
PW-84-CF-120	84 CF	120	EP2/42CF/120-277	Electronic	N/A	CF42DT/E/IN/827

Incandescent Temporary String Lights

Application
Great for lighting indoor or outdoor construction sites, walkways, or other sites requiring temporary lighting
Features
• Constructed with 14/3 SJTW cord • Medium base lampholders at 10 foot intervals • Available in 50 and 100 foot lengths • Lamp cages available in metal or plastic



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
ITSL-100'-M	-	120	-	-	-	-
ITSL-100'-P	-	120	-	-	-	-
ITSL-50'-M	-	120	-	-	-	-
ITSL-50'-P	-	120	-	-	-	-

Temporary Construction Light

HPS / 150 - 400 watts

MH / 175 - 400 watts

Application
Great for illuminating construction sites or any external environment temporarily requiring bright light
Features
- Die-cast housing - Electrical box with malleable hook - Wire guard - Lamp included



Catalog #	Watts	Volts	HI Ballast Model #	Ballast Type	ANSI Code	Lamp Part #
TL-150-HPS-4T	150 HPS	4T	S0150-71C-511-DE	HX-HPF	S55	LU150/55/ECO
TL-250-HPS-4T	250 HPS	4T	S0250-71C-211-DE	CWA	S50	LU250/ECO
TL-400-HPS-4T	400 HPS	4T	S0400-71C-211-CE	CWA	S51	LU400/ECO
TL-175-MH-4T	175 MH	4T	M0175-71C-211-D	CWA	M57/O	MP175/BU-ONLY
TL-250-MH-4T	250 MH	4T	M0250-71C-211-D	CWA	M58/O	MP250/BU-ONLY
TL-400-MH-4T	400 MH	4T	M0400-71C-212-D	CWA	M59/O	MP400/BU-ONLY

Factory-Installed Options

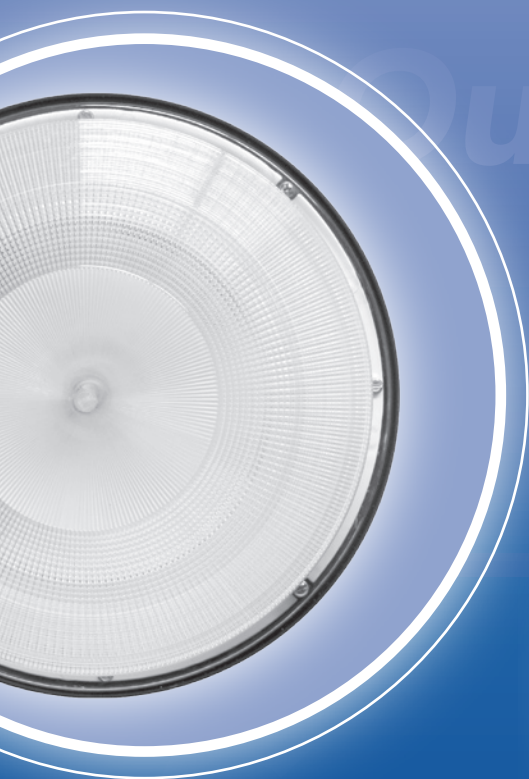
Catalog #	Description	Accessory Code*
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)	A
CS120	120v twist-lock cord set	B
CS240	240v twist-lock cord set	C
CS277	277v twist-lock cord set	D
* When ordering, include the Accessory Code with the catalog number (e.g., TL-150-HPS-4T-A)		

Accessories

Catalog #	Description
QR	120v quartz restrike with socket, bracket, and dual contact bayonet (250 watt halogen lamp included)
HL	250 watt halogen lamp (fits 120v restrike socket and bracket)
SC	Insulated 3' steel safety cable with clear vinyl coating (includes a steel eye on one end and a loop on the opposite end)
SSH	Malleable snap-shut hook
CS120	120v twist-lock cord set
CS240	240v twist-lock cord set
CS277	277v twist-lock cord set



Cross Reference



High Bay - Aluminum 14" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL140-150-HPS-4T	N/A	MBH14150LXOR-8	N/A	N/A	N/A
HAL140-250-HPS-4T	N/A	MBH14250LXOR-8	N/A	JBM0525-M	N/A
HAL140-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL140-250-HPS-480	N/A	MBH14250LXOR-5	N/A	JBM0525-5	N/A
HAL140-400-HPS-4T	N/A	MBH14400LXOR-8	N/A	JBM0540-M	N/A
HAL140-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL140-400-HPS-480	N/A	MBH14400LXOR-5	N/A	JBM0540-5	N/A
HAL140-250-MH-4T	N/A	MBH14250MAOR-8	N/A	JBM0225-M	N/A
HAL140-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL140-250-MH-480	N/A	MBH14250MAOR-5	N/A	JBM0225-5	N/A
HAL140-400-MH-4T	N/A	MBH14400MAOR-8	N/A	JBM0240-M	N/A
HAL140-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL140-400-MH-480	N/A	MBH14400MAOR-5	N/A	JBM0240-5	N/A
HAL140-200-PS-277	N/A	MBH14200LROR-4	N/A	JBM0920-2	N/A
HAL140-200-PS-4T	N/A	MBH14200PMAOR-8	N/A	JBM0920-M	N/A
HAL140-250-PS-4T	N/A	MBH14250PMAOR-8	N/A	JBM0925-M	N/A
HAL140-320-PS-277	N/A	MBH14320LROR-4	N/A	JBM0932-R2	N/A
HAL140-320-PS-4T	N/A	MBH14320PMAOR-8	N/A	JBM0932-M	N/A
HAL140-350-PS-277	N/A	MBH14350LROR-4	N/A	JBM0935-R2	N/A
HAL140-350-PS-4T	N/A	MBH14350PMAOR-8	N/A	JBM0935-M	N/A

High Bay - Aluminum 16" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL160-150-HPS-4T	A2515-M	MBH17150LX-8	N/A	N/A	N/A
HAL160-250-HPS-4T	A2525-M	MBH17250LX-8	N/A	JBR0525-M	SK1625HQ
HAL160-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL160-250-HPS-480	A2525-5	MBH17250LX-5	N/A	JBR0525-5	N/A
HAL160-400-HPS-4T	A2540-M	MBH17400LX-8	N/A	JBR0540-M	SK1640HQ
HAL160-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL160-400-HPS-480	A2540-5	MBH17400LX-5	N/A	JBR0540-5	N/A
HAL160-250-MH-4T	N/A	MBH17250MAOR-8	N/A	JBR0225-M	SK16G25MQ-P
HAL160-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL160-250-MH-480	N/A	MBH17250MAOR-5	N/A	JBR0225-5	N/A
HAL160-400-MH-4T	A2440-M	MBH17400MAOR-8	N/A	JBR0240-M	SK1640MQ-P
HAL160-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL160-400-MH-480	A2440-5	MBH17400MAOR-5	N/A	JBR0240-5	N/A
HAL160-250-PS-4T	A2625-M	MBH17250PMAOR-8	N/A	JBR0925-M	N/A
HAL160-320-PS-277	A2632-27	MBH17320LROR-4	N/A	JBR0932-R2	N/A
HAL160-320-PS-4T	A2632-M	MBH17320PMAOR-8	N/A	JBR0932-M	SK1632PQ-P
HAL160-350-PS-277	N/A	MBH17350LROR-4	N/A	JBR0935-R2	N/A
HAL160-350-PS-4T	N/A	MBH17350PMAOR-8	N/A	JBR0935-M	SK1635PQ-P
HAL160-400-PS-277	A2640-27	MBH17400LROR-4	N/A	JBR0940-R2	N/A
HAL160-400-PS-4T	A2640-M	MBH17400PMAOR-8	N/A	JBR0940-M	SK1640PQ-P



High Bay - Aluminum 16" (Enclosed - Glass Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL16E-150-HPS-4T	A2515-M-EHB-40	MBE17150LX-8	N/A	N/A	N/A
HAL16E-250-HPS-4T	A2525-M-EHB-40	MBE17250LX-8	N/A	JBR0525-M	SK16G25HQ
HAL16E-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL16E-250-HPS-480	A2525-5-EHB-40	MBE17250LX-5	N/A	JBR0525-5	N/A
HAL16E-400-HPS-4T	A2540-M-EHB-40	MBE17400LX-8	N/A	JBR0540-M	SK16G40HQ
HAL16E-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL16E-400-HPS-480	A2540-5-EHB-40	MBE17400LX-5	N/A	JBR0540-5	N/A
HAL16E-175-MH-4T	A2417-M	MBE17175MA-8	N/A	JBR0417-M	N/A
HAL16E-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL16E-250-MH-4T	A2425-M	MBE17250MA-8	N/A	JBR0425-M	SK16G25MQ
HAL16E-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL16E-250-MH-480	A2425-5	MBE17250MA-5	N/A	JBR0425-5	N/A
HAL16E-400-MH-4T	A2440-M-EHB-40	MBE17400MA-8	N/A	JBR0440-M	SK16G40MQ
HAL16E-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL16E-400-MH-480	A2440-5-EHB-40	MBE17400MA-5	N/A	JBR0440-5	N/A
HAL16E-200-PS-277	N/A	MBE17200LR-4	N/A	JBR0820-2	N/A
HAL16E-200-PS-4T	N/A	MBE17200PMA-8	N/A	JBR0820-M	N/A
HAL16E-250-PS-4T	A2625-M-EHB-40	MBE17250PMA-8	N/A	JBR0825-M	N/A
HAL16E-320-PS-277	A2632-27-EHB-40	MBE17320LR-4	N/A	JBR0832-R2	N/A
HAL16E-320-PS-4T	A2632-M-EHB-40	MBE17320PMA-8	N/A	JBR0832-M	SK16G32PQ
HAL16E-350-PS-277	N/A	MBE17350LR-4	N/A	JBR0835-R2	N/A
HAL16E-350-PS-4T	N/A	MBE17350PMA-8	N/A	JBR0835-M	SK16G35PQ
HAL16E-400-PS-277	A2640-27-EHB-40	MBE17400LR-4	N/A	JBR0840-R2	N/A
HAL16E-400-PS-4T	A2640-M-EHB-40	MBE17400PMA-8	N/A	JBR0840-M	SK16G40PQ

High Bay - Aluminum 18" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL18O-150-HPS-4T	N/A	MBH17150LX-8	N/A	N/A	N/A
HAL18O-250-HPS-4T	N/A	MBH17250LX-8	N/A	N/A	N/A
HAL18O-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL18O-250-HPS-480	N/A	MBH17250LX-5	N/A	N/A	N/A
HAL18O-400-HPS-4T	N/A	MBH17400LX-8	N/A	N/A	N/A
HAL18O-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL18O-400-HPS-480	N/A	MBH17400LX-5	N/A	N/A	N/A
HAL18O-250-MH-4T	N/A	MBH17250MAOR-8	N/A	N/A	N/A
HAL18O-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL18O-250-MH-480	N/A	MBH17250MAOR-5	N/A	N/A	N/A
HAL18O-400-MH-4T	N/A	MBH17400MAJOR-8	N/A	N/A	N/A
HAL18O-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL18O-400-MH-480	N/A	MBH17400MAOR-5	N/A	N/A	N/A
HAL18O-250-PS-4T	N/A	MBH17250PMAOR-8	N/A	N/A	N/A
HAL18O-320-PS-277	N/A	MBH17320LROR-4	N/A	N/A	N/A

High Bay - Aluminum 18" (Open Bottom Reflector) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL180-320-PS-4T	N/A	MBH17320PMAOR-8	N/A	N/A	N/A
HAL180-350-PS-277	N/A	MBH17350LROR-4	N/A	N/A	N/A
HAL180-350-PS-4T	N/A	MBH17350PMAOR-8	N/A	N/A	N/A
HAL180-400-PS-277	N/A	MBH17400LROR-4	N/A	N/A	N/A
HAL180-400-PS-4T	N/A	MBH17400PMAOR-8	N/A	N/A	N/A

High Bay - Aluminum 18" (Enclosed - Glass Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL18E-150-HPS-4T	N/A	MBE17150LX-8	N/A	N/A	N/A
HAL18E-250-HPS-4T	N/A	MBE17250LX-8	N/A	N/A	N/A
HAL18E-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL18E-250-HPS-480	N/A	MBE17250LX-5	N/A	N/A	N/A
HAL18E-400-HPS-4T	N/A	MBE17400LX-8	N/A	N/A	N/A
HAL18E-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL18E-400-HPS-480	N/A	MBE17400LX-5	N/A	N/A	N/A
HAL18E-175-MH-4T	N/A	MBE17175MA-8	N/A	N/A	N/A
HAL18E-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL18E-250-MH-4T	N/A	MBE17250MA-8	N/A	N/A	N/A
HAL18E-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL18E-250-MH-480	N/A	MBE17250MA-5	N/A	N/A	N/A
HAL18E-400-MH-4T	N/A	MBE17400MA-8	N/A	N/A	N/A
HAL18E-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL18E-400-MH-480	N/A	MBE17400MA-5	N/A	N/A	N/A
HAL18E-200-PS-277	N/A	MBE17200LR-4	N/A	N/A	N/A
HAL18E-200-PS-4T	N/A	MBE17200PMA-8	N/A	N/A	N/A
HAL18E-250-PS-4T	N/A	MBE17250PMA-8	N/A	N/A	N/A
HAL18E-320-PS-277	N/A	MBE17320LR-4	N/A	N/A	N/A
HAL18E-320-PS-4T	N/A	MBE17320PMA-8	N/A	N/A	N/A
HAL18E-350-PS-277	N/A	MBE17350LR-4	N/A	N/A	N/A
HAL18E-350-PS-4T	N/A	MBE17350PMA-8	N/A	N/A	N/A
HAL18E-400-PS-277	N/A	MBE17400LR-4	N/A	N/A	N/A
HAL18E-400-PS-4T	N/A	MBE17400PMA-8	N/A	N/A	N/A



High Bay - Aluminum 22" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL220-250-HPS-4T	N/A	N/A	N/A	N/A	SK2225HQ
HAL220-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL220-250-HPS-480	N/A	N/A	N/A	N/A	N/A
HAL220-400-HPS-4T	AJ5540-M	N/A	N/A	N/A	SK2240HQ
HAL220-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL220-400-HPS-480	AJ5540-5	N/A	N/A	N/A	N/A
HAL220-1000-HPS-4T	AJ5599-M	N/A	N/A	JBL0599-M	N/A
HAL220-1000-HPS-480	AJ5599-5	N/A	N/A	JBL0599-5	N/A
HAL220-250-MH-4T	N/A	N/A	N/A	N/A	SK2225MQ-P
HAL220-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL220-250-MH-480	N/A	N/A	N/A	N/A	N/A
HAL220-400-MH-4T	AJ5440-M	MBH20400MAOR-8	N/A	JBL0240-M	SK2240MQ-P
HAL220-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL220-400-MH-480	AJ5440-5	MBH20400MAOR-5	N/A	JBL0240-5	N/A
HAL220-1000-MH-4T	AJ5499-M	MBH201000MAOR-8	N/A	JBL0299-M	N/A
HAL220-1000-MH-480	AJ5499-5	MBH201000MAOR-5	N/A	JBL0299-5	N/A
HAL220-200-PS-277	N/A	N/A	N/A	N/A	N/A
HAL220-200-PS-4T	N/A	N/A	N/A	N/A	N/A
HAL220-250-PS-4T	N/A	N/A	N/A	N/A	N/A
HAL220-320-PS-277	AJ5632-27	N/A	N/A	N/A	N/A
HAL220-320-PS-4T	AJ5632-M	N/A	N/A	N/A	SK2232PQ-P
HAL220-350-PS-277	N/A	N/A	N/A	N/A	N/A
HAL220-350-PS-4T	N/A	N/A	N/A	N/A	SK2235PQ-P
HAL220-400-PS-277	AJ5640-27	N/A	N/A	JBL0840-R2	N/A
HAL220-400-PS-4T	AJ5640-M	N/A	N/A	JBL0840-M	SK2240PQ-P

High Bay - Aluminum 22" (Enclosed - Glass Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL22E-250-HPS-4T	N/A	N/A	N/A	N/A	SK22G25HQ
HAL22E-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL22E-250-HPS-480	N/A	N/A	N/A	N/A	N/A
HAL22E-400-HPS-4T	AJ5540-M-EJHB-40	N/A	N/A	N/A	SK22G40HQ
HAL22E-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAL22E-400-HPS-480	AJ5540-5-EJHB-40	N/A	N/A	N/A	N/A
HAL22E-1000-HPS-4T	AJ5599-M-EJHB-99	N/A	N/A	JBL0599-M	N/A
HAL22E-1000-HPS-480	AJ5599-5-EJHB-99	N/A	N/A	JBL0599-5	N/A
HAL22E-250-MH-4T	N/A	N/A	N/A	N/A	SK22G25MQ
HAL22E-250-MH-5T	N/A	N/A	N/A	N/A	N/A

High Bay - Aluminum 22" (Enclosed - Glass Lens) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAL22E-250-MH-480	N/A	N/A	N/A	N/A	N/A
HAL22E-400-MH-4T	AJ5440-M-EJHB-40	MBE20400MA-8	N/A	JBL0440-M	SK22G40MQ
HAL22E-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAL22E-400-MH-480	AJ5440-5-EJHB-40	MBE20400MA-5	N/A	JBL0440-5	N/A
HAL22E-1000-MH-4T	AJ5499-M-EJHB-99	MBE201000MA-8	N/A	JBL0499-M	N/A
HAL22E-1000-MH-480	AJ5499-5-EJHB-99	MBE201000MA-5	N/A	JBL0499-5	N/A
HAL22E-200-PS-277	N/A	N/A	N/A	N/A	N/A
HAL22E-200-PS-4T	N/A	N/A	N/A	N/A	N/A
HAL22E-250-PS-4T	N/A	N/A	N/A	N/A	N/A
HAL22E-320-PS-277	AJ5632-27-EJHB-40	N/A	N/A	N/A	N/A
HAL22E-320-PS-4T	AJ5632-M-EJHB-40	N/A	N/A	N/A	SK22G32PQ
HAL22E-350-PS-277	N/A	N/A	N/A	N/A	N/A
HAL22E-350-PS-4T	N/A	N/A	N/A	N/A	SK22G35PQ
HAL22E-400-PS-277	AJ5640-27-EJHB-40	N/A	N/A	JBL0840-R2	N/A
HAL22E-400-PS-4T	AJ5640-M-EJHB-40	N/A	N/A	JBL0840-M	SK22G40PQ

High Bay - Acrylic 16" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC16O-150-HPS-4T	AP2515-M	MBG16150LX-8	N/A	JLS0515-M	N/A
HAC16O-250-HPS-4T	AP2525-M	MBG16250LX-8	N/A	JLS0525-M	SU1625HQ
HAC16O-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16O-250-HPS-480	AP2525-5	MBG16250LX-5	N/A	JLS0525-5	N/A
HAC16O-400-HPS-4T	AP2540-M	MBG16400LX-8	N/A	JLS0540-M	SU1640HQ
HAC16O-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16O-400-HPS-480	AP2540-5	MBG16400LX-5	N/A	JLS0540-5	N/A
HAC16O-250-MH-4T	AP2425-ME	MBG16250MA-8	N/A	JLS0225-M	SU1625MQ-P
HAC16O-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16O-250-MH-480	AP2425-5E	MBG16250MAOR-5	N/A	JLS0225-5	N/A
HAC16O-400-MH-4T	AP2440-ME	MBG16400MAOR-8	N/A	JLS0240-M	SU1640MQ-P
HAC16O-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16O-400-MH-480	AP2440-5E	MBG16400MAOR-5	N/A	JLS0240-5	N/A
HAC16O-200-PS-277	N/A	MBG16200LROR-4	N/A	JLS0920-R2	N/A
HAC16O-200-PS-4T	N/A	MBG16200PMAOR-8	N/A	JLS0920-M	N/A
HAC16O-250-PS-4T	AP2625-M	MBG16250PMAOR-8	N/A	JLS0925-M	N/A
HAC16O-320-PS-277	AP2632-27	MBG16320LROR-4	N/A	JLS0932-R2	N/A
HAC16O-320-PS-4T	AP2632-M	MBG16320PMAOR-8	N/A	JLS0932-M	SU1632PQ-P
HAC16O-350-PS-277	N/A	MBG16350LROR-4	N/A	JLS0935-R2	N/A



High Bay - Acrylic 16" (Open Bottom Reflector) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC16O-350-PS-4T	N/A	MBG16350PMAOR-8	N/A	JLS0935-M	SU1635PQ-P
HAC16O-400-PS-277	AP2640-27	MBG16400LROR-4	N/A	JLS0940-R2	N/A
HAC16O-400-PS-4T	AP2640-M	MBG16PMAOR-8	N/A	JLS0940-M	SU1640PQ-P

High Bay - Acrylic 16" (Enclosed - Acrylic Flat Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC16E-150-HPS-4T	AP2515-M-E	N/A	N/A	JLS0515-M-816FA	N/A
HAC16E-250-HPS-4T	AP2525-M-E	N/A	N/A	JLS0525-M-816FA	N/A
HAC16E-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16E-250-HPS-480	AP2525-5-E	N/A	N/A	JLS0525-5-816FA	N/A
HAC16E-400-HPS-4T	N/A	N/A	N/A	JLS0540-M-816FA	N/A
HAC16E-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16E-400-HPS-480	N/A	N/A	N/A	JLS0540-5	N/A
HAC16E-175-MH-4T	AP2417-ME	N/A	N/A	JLS2917-M	N/A
HAC16E-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16E-250-MH-4T	AP2425-ME	N/A	N/A	JLS2425-M	N/A
HAC16E-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16E-250-MH-480	AP2425-5E	N/A	N/A	JLS2425-5	N/A
HAC16E-400-MH-4T	N/A	N/A	N/A	N/A	N/A
HAC16E-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16E-400-MH-480	N/A	N/A	N/A	N/A	N/A
HAC16E-200-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16E-200-PS-4T	N/A	N/A	N/A	JLS0820-M-816FA	N/A
HAC16E-250-PS-4T	AP2625-M-E	N/A	N/A	JLS0825-M-816FA	N/A
HAC16E-320-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16E-320-PS-4T	N/A	N/A	N/A	N/A	N/A
HAC16E-350-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16E-350-PS-4T	N/A	N/A	N/A	N/A	N/A
HAC16E-400-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16E-400-PS-4T	N/A	N/A	N/A	N/A	N/A

High Bay - Acrylic 16" (Enclosed - Acrylic Drop Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC16D-150-HPS-4T	AP2515-M-A	MBP16150LX-8	N/A	JLS0515-M-816DLA	N/A
HAC16D-250-HPS-4T	AP2525-M-A	MBP16250LX-8	N/A	JLS0525-M-816DLA	SU16D25HQ
HAC16D-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16D-250-HPS-480	AP2525-5-A	MBP16250LX-5	N/A	JLS0525-5-816DLA	N/A
HAC16D-400-HPS-4T	N/A	N/A	N/A	N/A	N/A
HAC16D-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC16D-400-HPS-480	N/A	N/A	N/A	N/A	N/A

High Bay - Acrylic 16" (Enclosed - Acrylic Drop Lens) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC16D-175-MH-4T	AP2417-M-A	MBP16175MA-8	N/A	JLS2917-M-816DLA	N/A
HAC16D-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16D-250-MH-4T	AP2425-M-A	MBP16250MA-8	N/A	JLS2425-M-816DLA	SU16D25MQ
HAC16D-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16D-250-MH-480	AP2425-5-A	MBP16250MA-5	N/A	JLS2425-5-816DLA	N/A
HAC16D-400-MH-4T	N/A	N/A	N/A	N/A	N/A
HAC16D-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC16D-400-MH-480	N/A	N/A	N/A	N/A	N/A
HAC16D-200-PS-277	N/A	MBP16200LR-4	N/A	JLS2820-R2-816DLA	N/A
HAC16D-200-PS-4T	N/A	MBP16200PMA-8	N/A	JLS2820-M-816DLA	N/A
HAC16D-250-PS-4T	AP2625-M-A	MBP16250PMA-8	N/A	FLS2825-M-816DLA	N/A
HAC16D-320-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16D-320-PS-4T	N/A	N/A	N/A	N/A	N/A
HAC16D-350-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16D-350-PS-4T	N/A	N/A	N/A	N/A	N/A
HAC16D-400-PS-277	N/A	N/A	N/A	N/A	N/A
HAC16D-400-PS-4T	N/A	N/A	N/A	N/A	N/A

High Bay - Acrylic 22" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC220-150-HPS-4T	N/A	MBG22150LX-8	N/A	N/A	N/A
HAC220-250-HPS-4T	AR1525-M	MBG22250LX-8	N/A	N/A	SU2225HQ
HAC220-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC220-250-HPS-480	AR1525-5	MBG22250LX-5	N/A	N/A	N/A
HAC220-400-HPS-4T	AR1540-M	MBG22400LX-8	N/A	N/A	SU2240HQ
HAC220-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC220-400-HPS-480	AR1540-5	MBG22400LX-5	N/A	N/A	N/A
HAC220-250-MH-4T	AR1425-ME	MBG22250MA-8	N/A	N/A	SU2225MQ-P
HAC220-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC220-250-MH-480	AR1425-5E	MBG22250MAOR-5	N/A	N/A	N/A
HAC220-400-MH-4T	AR1440-M	MBG22400MAOR-8	N/A	JLM0940-M	SU2240MQ-P
HAC220-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC220-400-MH-480	AR1440-5	MBG22400MAOR-5	N/A	JLM0940-5	N/A
HAC220-200-PS-277	N/A	MBG22200LROR-4	N/A	N/A	N/A
HAC220-200-PS-4T	N/A	MBG22200PMAOR-5	N/A	N/A	N/A
HAC220-250-PS-4T	AR1625-M	MBG22250PMAOR-8	N/A	JLM0925-M	N/A
HAC220-320-PS-277	AR1632-27	MBG22320LROR-4	N/A	JLM0932-R2	N/A
HAC220-320-PS-4T	AR1632-M	MBG22320PMAOR-8	N/A	JLM0932-M	SU2232PQ-P
HAC220-350-PS-277	N/A	MBG22350LROR-4	N/A	JLM0935-R2	N/A
HAC220-350-PS-4T	N/A	MBG22350PMAOR-8	N/A	JLM0935-M	SU2235PQ-P
HAC220-400-PS-277	AR1640-27	MBG22400LROR-4	N/A	JLM0940-R2	N/A
HAC220-400-PS-4T	AR1640-M	MBG22400PMAOR-8	N/A	JLM0940-M	SU2240PQ-P



High Bay - Acrylic 22" (Enclosed - Acrylic Flat Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC22E-150-HPS-4T	N/A	N/A	N/A	N/A	N/A
HAC22E-250-HPS-4T	AR2525-M-E	N/A	N/A	N/A	N/A
HAC22E-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22E-250-HPS-480	AR2525-5-E	N/A	N/A	N/A	N/A
HAC22E-400-HPS-4T	AR2540-M-E	N/A	N/A	JLM0540-M-822FLA-HR	N/A
HAC22E-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22E-400-HPS-480	AR2540-5-E	N/A	N/A	JLM0540-5-822FLA-HR	N/A
HAC22E-175-MH-4T	N/A	N/A	N/A	N/A	N/A
HAC22E-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22E-250-MH-4T	AR2425-ME	N/A	N/A	N/A	N/A
HAC22E-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22E-250-MH-480	AR2425-5E	N/A	N/A	N/A	N/A
HAC22E-400-MH-4T	AR2440-M-E	N/A	N/A	JLM0440-M-822FLA-HR	N/A
HAC22E-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22E-400-MH-480	AR2440-5-E	N/A	N/A	JLM0440-5-822FLA-HR	N/A
HAC22E-200-PS-277	N/A	N/A	N/A	N/A	N/A
HAC22E-200-PS-4T	N/A	N/A	N/A	N/A	N/A
HAC22E-250-PS-4T	AR2625-M-E	N/A	N/A	JLM0825-M-822FLA-HR	N/A
HAC22E-320-PS-277	AR2632-27-E	N/A	N/A	JLM0832-R2-822FLA-HR	N/A
HAC22E-320-PS-4T	AR2632-M-E	N/A	N/A	JLM0832-M-822FLA-HR	N/A
HAC22E-350-PS-277	N/A	N/A	N/A	JLM0835-R2-822FLA-HR	N/A
HAC22E-350-PS-4T	N/A	N/A	N/A	JLM0835-M-822FLA-HR	N/A
HAC22E-400-PS-277	AR2640-27-E	N/A	N/A	JLM0840-R2-822FLA-HR	N/A
HAC22E-400-PS-4T	AR2640-M-E	N/A	N/A	JLM0840-M-822FLA-HR	N/A

High Bay - Acrylic 22" (Enclosed - Drop Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC22D-150-HPS-4T	N/A	MBP22150LX-8	N/A	N/A	N/A
HAC22D-250-HPS-4T	AR1525-M-A	MBP22250LX-8	N/A	N/A	SU22D25HQ
HAC22D-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22D-250-HPS-480	AR1525-5-A	MBP22250LX-5	N/A	N/A	N/A
HAC22D-400-HPS-4T	AR1540-M-A	MBP22400LX-8	N/A	JLM0540-M-822LA-HR	SU22D40HQ
HAC22D-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22D-400-HPS-480	AR1540-5-A	MBP22400LX-5	N/A	JLM0540-5-822LA-HR	N/A
HAC22D-175-MH-4T	N/A	MBP22175MA-8	N/A	N/A	N/A
HAC22D-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22D-250-MH-4T	AR1425-MA	MBP22250MA-8	N/A	N/A	SU22D25MQ
HAC22D-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22D-250-MH-480	AR1425-5A	MBP22250MA-5	N/A	N/A	N/A
HAC22D-400-MH-4T	AR1440-M-A	MBP22400MA-8	N/A	JLM0440-M-822LA-HR	SU22D40MQ

High Bay - Acrylic 22" (Enclosed - Drop Lens) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC22D-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22D-400-MH-480	AR1440-5-A	MBP22400MA-5	N/A	JLM0440-5-822LA-HR	N/A
HAC22D-200-PS-277	N/A	MBP22200LR-4	N/A	N/A	N/A
HAC22D-200-PS-4T	N/A	MBP22200PMA-5	N/A	N/A	N/A
HAC22D-250-PS-4T	AR1625-M-A	MBP22250PMA-8	N/A	JLM0825-M-822LA-HR	N/A
HAC22D-320-PS-277	AR1632-27-A	MBP22320LR-4	N/A	JLM0832-R2-822LA-HR	N/A
HAC22D-320-PS-4T	AR1632-M-A	MBP22320PMA-8	N/A	JLM0832-M-822LA-HR	SU22D32PQ
HAC22D-350-PS-277	N/A	MBP22350LR-4	N/A	JLM0835-R2-822LA-HR	N/A
HAC22D-350-PS-4T	N/A	MBP22350PMA-8	N/A	JLM0835-M-822LA-HR	SU22D35PQ
HAC22D-400-PS-277	AR1640-27-A	MBP22400LR-4	N/A	JLM0840-R2-822LA-HR	N/A
HAC22D-400-PS-4T	AR1640-M-A	MBP22400PMA-8	N/A	JLM0840-M-822LA-HR	SU22D40PQ

High Bay - Acrylic 22" (Enclosed - Conical Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC22C-150-HPS-4T	N/A	MBC22150LX-8	N/A	N/A	N/A
HAC22C-250-HPS-4T	AR1525-M-Y	MBC22250LX-8	N/A	N/A	SU22C25HQ
HAC22C-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22C-250-HPS-480	AR1525-5-Y	MBC22250LX-5	N/A	N/A	N/A
HAC22C-400-HPS-4T	AR1540-M-Y	MBC22400LX-8	N/A	JLM0540-M-822CLA-HR	SU22C40HQ
HAC22C-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC22C-400-HPS-480	AR1540-5-Y	MBC22400LX-5	N/A	JLM0540-5-822CLA-HR	N/A
HAC22C-175-MH-4T	N/A	MBC22175MA-8	N/A	N/A	N/A
HAC22C-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22C-250-MH-4T	AR1425-MY	MBC22250MA-8	N/A	N/A	SU22C25MQ
HAC22C-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22C-250-MH-480	AR1425-5Y	MBC22250MA-5	N/A	N/A	N/A
HAC22C-400-MH-4T	AR1440-M-Y	MBC22400MA-8	N/A	JLM0440-M-822CLA-HR	SU22C40MQ
HAC22C-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC22C-400-MH-480	AR1440-5-Y	MBC22400MA-5	N/A	JLM0440-5-822CLA-HR	N/A
HAC22C-200-PS-277	N/A	MBC22200LR-4	N/A	N/A	N/A
HAC22C-200-PS-4T	N/A	MBC22200PMA-5	N/A	N/A	N/A
HAC22C-250-PS-4T	AR1625-M-Y	MBC22250PMA-8	N/A	JLM0825-M-822CLA-HR	N/A
HAC22C-320-PS-277	AR1632-27-Y	MBC22320LR-4	N/A	JLM0832-R2-822CLA-HR	N/A
HAC22C-320-PS-4T	AR1632-M-Y	MBC22320PMA-8	N/A	JLM0832-M-822CLA-HR	SU22C32PQ-P
HAC22C-350-PS-277	N/A	MBC22350LR-4	N/A	JLM0835-R2-822CLA-HR	N/A
HAC22C-350-PS-4T	N/A	MBC22350PMA-8	N/A	JLM0835-M-822CLA-HR	SU22C35PQ-P
HAC22C-400-PS-277	AR1640-27-Y	MBC22400LR-4	N/A	JLM0840-R2-822CLA-HR	N/A
HAC22C-400-PS-4T	AR1640-M-Y	MBC22400PMA-8	N/A	JLM0840-M-822CLA-HR	SU22C40PQ-P



High Bay - Acrylic 25" (Open Bottom Reflector)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC250-150-HPS-4T	N/A	MBG25150LX-8	N/A	N/A	N/A
HAC250-250-HPS-4T	N/A	MBG25250LX-8	N/A	N/A	SU2525HQ-KN
HAC250-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC250-250-HPS-480	N/A	MBG25250LX-5	N/A	N/A	N/A
HAC250-400-HPS-4T	N/A	MBG25400LX-8	N/A	JLL0540-M	SU2540HQ-KN
HAC250-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC250-400-HPS-480	N/A	MBG25400LX-5	N/A	N/A	N/A
HAC250-250-MH-4T	N/A	MBG25250MAOR-8	N/A	N/A	SU2525MQ-KP
HAC250-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC250-250-MH-480	N/A	MBG25250MAOR-5	N/A	N/A	N/A
HAC250-400-MH-4T	N/A	MBG25400MAOR-8	N/A	JLL0440-M	SU2540MQ-KP
HAC250-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC250-400-MH-480	N/A	MBG25400MAOR-5	N/A	JLL0440-5	N/A
HAC250-200-PS-277	N/A	MBG25200LROR-4	N/A	N/A	N/A
HAC250-200-PS-4T	N/A	MBG25200PMAOR-5	N/A	N/A	N/A
HAC250-250-PS-4T	N/A	MBG25250PMAOR-8	N/A	N/A	N/A
HAC250-320-PS-277	N/A	MBG25320LROR-4	N/A	N/A	N/A
HAC250-320-PS-4T	N/A	MBG25320PMAOR-8	N/A	N/A	SU2532PQ-KP
HAC250-350-PS-277	N/A	MBG25350LROR-4	N/A	JLL0835-R2	N/A
HAC250-350-PS-4T	N/A	MBG25350PMAOR-8	N/A	JLL0835-M	SU2535PQ-KP
HAC250-400-PS-277	N/A	MBG25400LROR-4	N/A	JLL0840-R2	N/A
HAC250-400-PS-4T	N/A	MBG25400PMAOR-8	N/A	JLL0840-M	SU2540PQ-KP

High Bay - Acrylic 25" (Enclosed - Drop Lens)



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC25D-150-HPS-4T	N/A	MBD25150LX-8	N/A	N/A	N/A
HAC25D-250-HPS-4T	N/A	MBD25250LX-8	N/A	N/A	SU25D25HQ-KN
HAC25D-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC25D-250-HPS-480	N/A	MBS25250LX-5	N/A	N/A	N/A
HAC25D-400-HPS-4T	N/A	MBD25400LX-8	N/A	N/A	SU25D40HQ-KN
HAC25D-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HAC25D-400-HPS-480	N/A	MBD25400LX-5	N/A	N/A	N/A
HAC25D-175-MH-4T	N/A	MBD25175MA-8	N/A	N/A	N/A
HAC25D-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC25D-250-MH-4T	N/A	MBD25250MA-8	N/A	N/A	SU25D25MQ-KN
HAC25D-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HAC25D-250-MH-480	N/A	MBD25250MA-5	N/A	N/A	N/A
HAC25D-400-MH-4T	N/A	MBD25400MA-8	N/A	N/A	SU25D40MQ-KN
HAC25D-400-MH-5T	N/A	N/A	N/A	N/A	N/A

High Bay - Acrylic 25" (Enclosed - Drop Lens) – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HAC25D-400-MH-480	N/A	MBD25400MA-5	N/A	N/A	N/A
HAC25D-200-PS-277	N/A	MBD25200LR-4	N/A	N/A	N/A
HAC25D-200-PS-4T	N/A	MBD25200PMA-5	N/A	N/A	N/A
HAC25D-250-PS-4T	N/A	MBD25250PMA-8	N/A	N/A	N/A
HAC25D-320-PS-277	N/A	MBD25320LR-4	N/A	N/A	N/A
HAC25D-320-PS-4T	N/A	MBD25320PMA-8	N/A	N/A	SU25D32PQ-KN
HAC25D-350-PS-277	N/A	MBD25350LR-4	N/A	N/A	N/A
HAC25D-350-PS-4T	N/A	MBD25350PMA-8	N/A	N/A	SU25D35PQ-KN
HAC25D-400-PS-277	N/A	MBD25400LR-4	N/A	N/A	N/A
HAC25D-400-PS-4T	N/A	MBD25400PMA-8	N/A	N/A	SU25D40PQ-KN

Low Bay - Aluminum 16"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAL16-150-HPS-4T	C2515-M	N/A	N/A	LJS0515-M	N/A
LAL16-250-HPS-4T	C2525-M	N/A	N/A	LJS0525-M	ST16D25HQ
LAL16-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAL16-250-HPS-480	C2525-5	N/A	N/A	LJS0525-5	N/A
LAL16-400-HPS-4T	C2540-M	N/A	N/A	LJS0540-M	ST16D40HQ
LAL16-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAL16-400-HPS-480	C2540-5	N/A	N/A	LJS0540-5	N/A
LAL16-175-MH-4T	C2417-M	N/A	N/A	LJS0417-M	N/A
LAL16-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL16-250-MH-4T	C2425-M	N/A	N/A	LJS0425-M	ST16D25MQ
LAL16-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL16-250-MH-480	C2425-5	N/A	N/A	LJS0425-5	N/A
LAL16-400-MH-4T	C2440-M	E-LB2M40Q	N/A	LJS0440-M	ST16D40MQ
LAL16-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL16-400-MH-480	C2440-5	N/A	N/A	LJS0440-5	N/A
LAL16-200-PS-277	N/A	N/A	N/A	LJS0820-R2	N/A
LAL16-200-PS-4T	N/A	N/A	N/A	LJS0820-M	N/A
LAL16-250-PS-4T	C2625-M	N/A	N/A	LJS0825-M	N/A
LAL16-320-PS-277	C2632-27	N/A	N/A	LJS0832-R2	N/A
LAL16-320-PS-4T	C2632-M	N/A	N/A	LJS0832-M	ST16D32PQ
LAL16-350-PS-277	N/A	N/A	N/A	LJS0835-R2	N/A
LAL16-350-PS-4T	N/A	N/A	N/A	LJS0835-M	ST16D35PQ
LAL16-400-PS-277	C2640-27	N/A	N/A	LJS0840-R2	N/A
LAL16-400-PS-4T	C2640-M	N/A	N/A	LJS0840-M	ST16D40PQ



Low Bay - Aluminum 22"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAL22-150-HPS-4T	CM2515-M	MBL22150LX-8	N/A	N/A	N/A
LAL22-250-HPS-4T	CM2525-M	MBL22250LX-8	N/A	LJM0525-M	ST22D25HQ
LAL22-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAL22-250-HPS-480	CM2525-5	MBL22250LX-5	N/A	LJM0525-5	N/A
LAL22-400-HPS-4T	CM2540-M	MBL22400LX-8	N/A	LJM0540-M	ST22D40HQ
LAL22-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAL22-400-HPS-480	CM2540-5	MBL22400LX-5	N/A	LJM0540-5	N/A
LAL22-175-MH-4T	CM2417-M	MBL22175MA-8	N/A	LJM0417-M	N/A
LAL22-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL22-250-MH-4T	CM2425-M	MBL22250MA-8	N/A	LJM0425-M	ST22D25MQ
LAL22-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL22-250-MH-480	CM2425-5	MBL22250MA-5	N/A	LJM0425-5	N/A
LAL22-400-MH-4T	CM2440-M	MBL22400MA-8	N/A	LJM0440-M	ST22D25MQ
LAL22-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LAL22-400-MH-480	CM2440-5	MBL22400MA-5	N/A	LJM0440-5	N/A
LAL22-200-PS-277	N/A	MBL22200LR-4	N/A	LJM0820-R2	N/A
LAL22-200-PS-4T	N/A	MBL22200PMA-8	N/A	LJM0820-M	N/A
LAL22-250-PS-4T	CM2625-M	MBL22250PMA-8	N/A	LJM0825-M	N/A
LAL22-320-PS-277	CM2632-27	MBL22320LR-4	N/A	LJM0832-R2	N/A
LAL22-320-PS-4T	CM2632-M	MBL22320PMA-8	N/A	LJM0832-M	ST22D32PQ
LAL22-350-PS-277	N/A	MBL22350LR-4	N/A	LJM0835-R2	N/A
LAL22-350-PS-4T	N/A	MBL22350PMA-8	N/A	LJM0835-M	ST22D35PQ
LAL22-400-PS-277	CM2640-27	MBL22400LR-4	N/A	LJM0840-R2	N/A
LAL22-400-PS-4T	CM2640-M	MBL22400PMA-4	N/A	LJM0840-M	ST22D40PQ

Low Bay - Acrylic 16"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAC16-150-HPS-4T	N/A	MBP16150LX-8	N/A	N/A	N/A
LAC16-250-HPS-4T	N/A	MBP16250LX-8	N/A	N/A	SB16D25HQ
LAC16-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC16-250-HPS-480	N/A	MBP16250LX-5	N/A	N/A	N/A
LAC16-400-HPS-4T	N/A	N/A	N/A	N/A	N/A
LAC16-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC16-400-HPS-480	N/A	N/A	N/A	N/A	N/A
LAC16-175-MH-4T	N/A	MBP16175MA-8	N/A	N/A	N/A
LAC16-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC16-250-MH-4T	N/A	MBP16250MA-8	N/A	N/A	SB16D25MQ
LAC16-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC16-250-MH-480	N/A	MBP16250MA-5	N/A	N/A	N/A
LAC16-400-MH-4T	N/A	N/A	N/A	N/A	N/A
LAC16-400-MH-5T	N/A	N/A	N/A	N/A	N/A

Low Bay - Acrylic 16" – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAC16-400-MH-480	N/A	N/A	N/A	N/A	N/A
LAC16-200-PS-277	N/A	MBP16200LR-4	N/A	N/A	N/A
LAC16-200-PS-4T	N/A	MBP16200PMA-8	N/A	N/A	N/A
LAC16-250-PS-4T	N/A	MBP16250PMA-8	N/A	N/A	N/A
LAC16-320-PS-277	N/A	N/A	N/A	N/A	N/A
LAC16-320-PS-4T	N/A	N/A	N/A	N/A	N/A
LAC16-350-PS-277	N/A	N/A	N/A	N/A	N/A
LAC16-350-PS-4T	N/A	N/A	N/A	N/A	N/A
LAC16-400-PS-277	N/A	N/A	N/A	N/A	N/A
LAC16-400-PS-4T	N/A	N/A	N/A	N/A	N/A

Low Bay - Acrylic 22"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAC22-150-HPS-4T	N/A	MBP22150LX-8	N/A	N/A	N/A
LAC22-250-HPS-4T	N/A	MBP22250LX-8	N/A	N/A	SB22D25HQ
LAC22-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC22-250-HPS-480	N/A	MBP22250LX-5	N/A	N/A	N/A
LBAC22-400-HPS-4T	N/A	MBP22400LX-8	N/A	N/A	SB22D40HQ
LAC22-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC22-400-HPS-480	N/A	MBP22400LX-5	N/A	N/A	N/A
LAC22-175-MH-4T	N/A	MBP22175MA-8	N/A	N/A	N/A
LAC22-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC22-250-MH-4T	N/A	MBP22250MA-8	N/A	N/A	SB22D25MQ
LAC22-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC22-250-MH-480	N/A	MBP22250MA-5	N/A	N/A	N/A
LAC22-400-MH-4T	N/A	MBP22400MA-8	N/A	N/A	SB22D40MQ
LAC22-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC22-400-MH-480	N/A	MBP22400MA-5	N/A	N/A	N/A
LAC22-200-PS-277	N/A	MBP22200LR-4	N/A	N/A	N/A
LAC22-200-PS-4T	N/A	MBP22200PMA-5	N/A	N/A	N/A
LAC22-250-PS-4T	N/A	MBP22250PMA-8	N/A	N/A	N/A
LAC22-320-PS-277	N/A	MBP22320LR-4	N/A	N/A	N/A
LAC22-320-PS-4T	N/A	MBP22320PMA-8	N/A	N/A	SB22D32PQ
LAC22-350-PS-277	N/A	MBP22350LR-4	N/A	N/A	N/A
LAC22-350-PS-4T	N/A	MBP22350PMA-8	N/A	N/A	SB22D35PQ
LAC22-400-PS-277	N/A	MBP22400LR-4	N/A	N/A	N/A
LAC22-400-PS-4T	N/A	MBP22400PMA-8	N/A	N/A	SB22D40PQ



Low Bay - Acrylic 25"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LAC25-250-HPS-4T	N/A	MBD25250LX-8	N/A	N/A	SB25D25HQ-KN
LAC25-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC25-250-HPS-480	N/A	MBS25250LX-5	N/A	N/A	N/A
LAC25-400-HPS-4T	N/A	MBD25400LX-8	N/A	N/A	SB25D40HQ-KN
LAC25-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LAC25-400-HPS-480	N/A	MBD25400LX-5	N/A	N/A	N/A
LAC25-250-MH-4T	N/A	MBD25250MA-8	N/A	N/A	SB25D25MQ-KN
LAC25-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC25-250-MH-480	N/A	MBD25250MA-5	N/A	N/A	N/A
LAC25-400-MH-4T	N/A	MBD25400MA-8	N/A	N/A	SB25D40MQ-KN
LAC25-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LAC25-400-MH-480	N/A	MBD25400MA-5	N/A	N/A	N/A
LAC25-200-PS-277	N/A	MBD25200LR-4	N/A	N/A	N/A
LAC25-200-PS-4T	N/A	MBD25200PMA-5	N/A	N/A	N/A
LAC25-250-PS-4T	N/A	MBD25250PMA-8	N/A	N/A	N/A
LAC25-320-PS-277	N/A	MBD25320LR-4	N/A	N/A	N/A
LAC25-320-PS-4T	N/A	MBD25320PMA-8	N/A	N/A	SB25D32PQ-KN
LAC25-350-PS-277	N/A	MBD25350LR-4	N/A	N/A	N/A
LAC25-350-PS-4T	N/A	MBD25350PMA-8	N/A	N/A	SB25D35PQ-KN
LAC25-400-PS-277	N/A	MBD25400LR-4	N/A	N/A	N/A
LAC25-400-PS-4T	N/A	MBD25400PMA-8	N/A	N/A	SB25D40PQ-KN

Small Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
SFL-35-HPS-120	NS6503-1	TLX35NLXL-1	FF35	N/A	FL-35HPK
SFL-50-HPS-120	NS6505-1	TLX50NLXL-1	FF50	N/A	FL-50-HPK
SFL-70-HPS-120	NS6507-1	TLX70NLXL-1	FF70	N/A	FL-70-HPK
SFL-100-HPS-120	NS6510-1	TLX100NLXL-1	FF100	N/A	FL-100HPK
SFL-150-HPS-120	NS6515-1	TLX150NLXL-1	FF150	N/A	FL-150HPK
SFL-50-MH-2T	NS6405-D	N/A	FFH50	N/A	N/A
SFL-50-MH-4T	N/A	N/A	N/A	N/A	FL-50MHQPK
SFL-70-MH-2T	NS6407-D	N/A	FFH70	N/A	N/A
SFL-70-MH-4T	N/A	N/A	N/A	N/A	FL-70MHQPK
SFL-100-MH-2T	NS6410-D	N/A	FFH100/277	N/A	N/A
SFL-100-MH-4T	N/A	N/A	N/A	N/A	FL-100MHQPK
SFL-26-PL-120	NS6226-UL	N/A	N/A	N/A	N/A

Mid-Size Wide Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MSWF-35-HPS-120	N/A	SLA35NLXL-1	N/A	FMS6503-1	N/A
MSWF-50-HPS-120	N/A	SLA50NLXL-1	N/A	FMS6505-1	N/A
MSWF-70-HPS-120	N/A	SLA70NLXL-1	N/A	FMS6507-1	FLM-70HPK
MSWF-70-HPS-4T	N/A	SLA70NLXL-8	N/A	N/A	FLM-70HQPK
MSWF-100-HPS-120	N/A	SLA100NLXL-1	N/A	FMS6510-1	FLM-100HPK
MSWF-100-HPS-4T	N/A	SLA100NLXL-8	N/A	N/A	FLM-100HQPK
MSWF-150-HPS-120	N/A	SLA150NLXL-1	N/A	FMS6515-1	FLM-150HPK
MSWF-150-HPS-4T	N/A	SLA150NLXL-8	N/A	N/A	FLM-150HQPK
MSWF-50-MH-2T	N/A	SLA50MAL-6	N/A	N/A	N/A
MSWF-70-MH-2T	N/A	SLA70MAL-6	N/A	N/A	N/A
MSWF-70-MH-4T	N/A	SLA70MAL-8	N/A	N/A	FLM-70MHQPK
MSWF-100-MH-2T	N/A	SLA100MA-6	N/A	N/A	N/A
MSWF-100-MH-4T	N/A	SLA100MA-8	N/A	N/A	FLM-100MHQPK
MSWF-150-MH-2T	N/A	SLA150MA-6	N/A	N/A	N/A
MSWF-150-MH-4T	N/A	SLA150MA-8	N/A	N/A	N/A
MSWF-175-MH-4T	N/A	N/A	N/A	N/A	FLM-175MHQPK
MSWF-175-MH-5T	N/A	N/A	N/A	N/A	N/A

Mid-Size Wide Flood "Tenon Mount"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MSWFT-35-HPS-120	N/A	N/A	N/A	N/A	N/A
MSWFT-50-HPS-120	N/A	N/A	N/A	N/A	N/A
MSWFT-70-HPS-120	N/A	N/A	N/A	N/A	FLM-70HPKS
MSWFT-70-HPS-4T	N/A	N/A	N/A	N/A	FLM-70HQPKS
MSWFT-100-HPS-120	N/A	N/A	N/A	N/A	FLM-100HPKS
MSWFT-100-HPS-4T	N/A	N/A	N/A	N/A	FLM-100HQPKS
MSWFT-150-HPS-120	N/A	N/A	N/A	N/A	FLM-150HPKS
MSWFT-150-HPS-4T	N/A	N/A	N/A	N/A	FLM-150MHQPKS
MSWFT-50-MH-2T	N/A	N/A	N/A	N/A	N/A
MSWFT-70-MH-4T	N/A	N/A	N/A	N/A	FLM-70MHQPKS
MSWFT-100-MH-2T	N/A	N/A	N/A	N/A	N/A
MSWFT-100-MH-4T	N/A	N/A	N/A	N/A	FLM-100MHQPKS
MSWFT-150-MH-4T	N/A	N/A	N/A	N/A	N/A
MSWFT-175-MH-4T	N/A	N/A	N/A	N/A	FLM-175MHQPKS
MSWFT-175-MH-5T	N/A	N/A	N/A	N/A	N/A



Mid-Size Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MSF-35-HPS-120	N/A	SLA35HLXL-1	EZSH35	FMM6503-1-NPF	N/A
MSF-50-HPS-120	N/A	SLA50HLXL-1	EZSH50	FMM6505-1-NPF	N/A
MSF-70-HPS-120	N/A	SLA70HLXL-1	EZSH70	FMM6507-1-NPF	FLMS-70HPK
MSF-70-HPS-4T	N/A	SLA70LXL-8	EZSH70QT	FMM6507-M	FLMS-70HQPK
MSF-100-HPS-120	N/A	SLA100LXL-1	EZSH100	FMM6510-1-NPF	FLMS-100HPK
MSF-100-HPS-4T	N/A	SLA100LXL-8	EZSH100QT	FMM6510-M	FLMS-100HQPK
MSF-150-HPS-120	N/A	SLA150LXL-1	EZSH150	FMM6515-1-NPF	FLMS-150HPK
MSF-150-HPS-4T	N/A	SLA150LXL-8	EZSH150QT	FMM6515-M	FLMS-150HQPK
MSF-50-MH-2T	N/A	SLA50MAL-6	EZHH50DT	FMM6805-1	N/A
MSF-70-MH-2T	N/A	SLA70MAL-1	N/A	FMM6807-1	N/A
MSF-70-MH-4T	N/A	SLA70MAL-8	EZHH70QT	FMM6807-M	FLMS-70MHQPK
MSF-100-MH-2T	N/A	SLA100MAL-1	N/A	FMM6810-1	N/A
MSF-100-MH-4T	N/A	SLA100MAL-8	EZHH100QT	FMM6810-M	FLMS100MHQPK
MSF-150-MH-2T	N/A	SLA150MAL-1	EZHH150	FMM6815-1	N/A
MSF-150-MH-4T	N/A	SLA150MAL-8	EZHH150QT	FMM6815-M	N/A
MSF-175-MH-4T	N/A	SLA175MAL-8	EZHH175QT	FMM6417-M	FLMS-175MHQPK
MSF-175-MH-5T	N/A	N/A	N/A	N/A	N/A

Round Back Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
RBF-70-HPS-120	N/A	FPM70LXL-1	FX70	FMR6507-1-NPF	FLMR-70HPK
RBF-70-HPS-4T	N/A	FPM70LXL-8	FX70QT	FMR6507-M	FLMR-70HQPK
RBF-100-HPS-120	N/A	FPM100LXL-1	FL100	FMR6510-1-NPF	FLMR-100HPK
RBF-100-HPS-4T	N/A	FPM100LXL-8	FX100QT	FMR6510-M	FLMR-100HQPK
RBF-150-HPS-120	N/A	FPM150LXL-1	FX150	FMR6515-1-NPF	FLMR-150HPK
RBF-150-HPS-4T	N/A	FPM150LXL-8	FX150QT	FMR6515-M	FLMR-150HQPK
RBF-50-MH-2T	N/A	N/A	FXH50DT	FMR6805-M	N/A
RBF-70-MH-2T	N/A	FPM70MA-1	N/A	N/A	N/A
RBF-70-MH-4T	N/A	FPM70MA-8	FXH70QT	FMR6807-M	FLMR-70MHQPK
RBF-100-MH-2T	N/A	FPM100MA-1	N/A	N/A	N/A
RBF-100-MH-4T	N/A	FPM100MA-8	FXH100QT	FMR6810-M	FLMR-100MHQPK
RBF-150-MH-2T	N/A	FPM150MA-1	FXH150	N/A	N/A
RBF-150-MH-4T	N/A	FPM150MA-8	FXH150QT	FM6815-M	N/A
RBF-175-MH-4T	N/A	FPM-175MA-8	FX175QT	FM6417-M	FLMR-175MHQPK

Horizontal Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
HFL-150-HPS-120	N/A	SLM150XL-1	N/A	FBC4515-1	N/A
HFL-150-HPS-4T	N/A	SLM150XL-8	N/A	FBC4515-M	N/A
HFL-250-HPS-4T	N/A	SLM250XL-8	FZS250QT	FBC4525-M	FLDX-250HQPK
HFL-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
HFL-250-HPS-480	N/A	SLM250XL-5	N/A	FBC4525-5	N/A
HFL-400-HPS-4T	N/A	SLM400XL-8	FZS400QT	FBC4540-M	FLDX-400HQPK
HFL-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
HFL-400-HPS-480	N/A	SLM400XL-5	N/A	FBC4540-5	N/A
HFL-175-MH-4T	N/A	SLM175MAL-8	FZH175QT	FBC4417-M	FLDX-175MHQPK
HFL-175-MH-5T	N/A	N/A	N/A	N/A	N/A
HFL-250-MH-4T	N/A	SLM250MAL-8	FZH250QT	FBC4425-M	FLDX-250MHQPK
HFL-250-MH-5T	N/A	N/A	N/A	N/A	N/A
HFL-400-MH-4T	N/A	SLM400MAL-8	FZH400QT	FBC4440-M	FLDX-400MHQPK
HFL-400-MH-5T	N/A	N/A	N/A	N/A	N/A
HFL-200-PS-4T	N/A	N/A	FZH200PSQ	N/A	N/A
HFL-250-PS-4T	N/A	N/A	FZH250PSQ	FBC3825-M	N/A
HFL-320-PS-4T	N/A	N/A	FZH320PSQ	FBC4832-M	FLDX-320PQPK
HFL-350-PS-4T	N/A	N/A	FZH350PSQ	FBC4835-M	FLDX-350PQPK
HFL-400-PS-4T	N/A	N/A	FZH400PSQ	FBC4840-M	FLDX-400PQPK

Medium Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MEDF-35-HPS-120	MFS4503-1	N/A	N/A	FBS4503-1	N/A
MEDF-50-HPS-120	MFS4505-D	N/A	N/A	FBS4505-1	N/A
MEDF-70-HPS-120	N/A	N/A	N/A	FBS4507-1	FLLS-70HPK
MEDF-70-HPS-4T	MFS4507-M	N/A	N/A	FBS4507-M	FLLS-70HQPK
MEDF-100-HPS-120	N/A	N/A	N/A	FBS4510-1	FLLS-100HPK
MEDF-100-HPS-4T	MRW4510-M	N/A	N/A	FBS4510-M	FLLS-100HQPK
MEDF-150-HPS-120	N/A	N/A	N/A	FBS4515-1	FLLS-150HPK
MEDF-150-HPS-4T	MFS4515-M	N/A	N/A	FBS4515-M	FLLS-150HQPK
MEDF-50-MH-2T	MFS4405-D	N/A	N/A	FBS4805-M	N/A
MEDF-70-MH-2T	MFS4407-D	N/A	N/A	N/A	N/A
MEDF-70-MH-4T	N/A	N/A	N/A	FBS4807-M	FLLS-70MHQPK
MEDF-100-MH-2T	MFS4417-D	N/A	N/A	N/A	N/A
MEDF-100-MH-4T	N/A	N/A	N/A	FBS4810-M	FLLS-100MHQPK
MEDF-150-MH-2T	N/A	N/A	N/A	N/A	N/A
MEDF-150-MH-4T	N/A	N/A	N/A	FBS4815-M	N/A
MEDF-175-MH-4T	MFS4417-M	N/A	N/A	N/A	FLLS-175MHQPK
MEDF-175-MH-5T	N/A	N/A	N/A	N/A	N/A



Large Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LFL-150-HPS-120	N/A	N/A	N/A	FBM4515-1	N/A
LFL-150-HPS-4T	MFS4515-M	N/A	N/A	FBM4515-M	N/A
LFL-250-HPS-4T	FS4525-M	PMT250LX8	MEGS250QT	FBM4525-M	FLL-250HQPK
LFL-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LFL-250-HPS-480	FS4525-5	PMT250LX5	N/A	FBM4525-5	N/A
LFL-400-HPS-4T	FS4540-M	PMT400LX8	MEGS400QT	FBM4540-M	FLL-400HQPK
LFL-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LFL-400-HPS-480	FS4540-5	PMT400LX5	N/A	FBM4540-5	N/A
LFL-175-MH-4T	FS4417-M	N/A	MEGH175QT	FBM4417-M	FLL-175MHQPK
LFL-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LFL-250-MH-4T	FS4425-M	PMT250MA8	MEGH250QT	FBM4425-M	FLL-250MHQPK
LFL-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LFL-400-MH-4T	FS4440-M	PMT400MA8	MEGH400QT	FBM4440-M	FLL-400MHQPK
LFL-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LFL-200-PS-4T	N/A	N/A	MEGH200PSQ	FBM4820-M	N/A
LFL-250-PS-4T	N/A	N/A	MEGH250PSQ	FBM4825-M	N/A
LFL-320-PS-4T	FS4632-M	N/A	MEGH320PSQ	FBM4832-M	FLL-320PQPK
LFL-350-PS-4T	N/A	N/A	MEGH350PSQ	FBM4835-M	FLL-350PQPK
LFL-400-PS-4T	N/A	N/A	MEGH400PSQ	FBM4840-M	FLL-400PQPK

Extra Large Flood



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
ELFL-400-HPS-4T	N/A	N/A	FNS400QT	N/A	N/A
ELFL-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
ELFL-400-HPS-480	N/A	N/A	FNS400/480	N/A	N/A
ELFL-1000-HPS-4T	FS4599-M	PLT1000LX8	FNS1000QT	FBL4599-M	FLLX-1000HQPKS
ELFL-1000-HPS-480	FS4599-5	PLT1000LX5	FNS1000/480	FBL4599-5	N/A
ELFL-400-MH-4T	N/A	NA	FNH400QT	N/A	N/A
ELFL-400-MH-480	N/A	N/A	FNH400/480	N/A	N/A
ELFL-400-MH-5T	N/A	N/A	N/A	N/A	N/A
ELFL-1000-MH-4T	FS4499-M	PLT1000MA8	FNH1000QT	FBL4499-M	FLLX-1000MHQPKS
ELFL-1000-MH-480	FS4499-5	PLT1000MA5	FNH1000/480	FBL4499-5	N/A
ELFL-400-PS-4T	N/A	N/A	FNH400PSQ	N/A	N/A

Sports Lighter



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
SL-1000-HPS-4T	N/A	SCTII1015LX-8	N/A	SSF0599-M	N/A
SL-1000-HPS-480	N/A	SCTII1015LX-5	N/A	SSF0599-5	N/A
SL-1000-MH-4T	N/A	SCTII1015MA-8	N/A	SSF0499-M	N/A
SL-1000-MH-480	N/A	SCTII1015MA-5	N/A	SSF0499-5	N/A
SL-1500-MH-4T	N/A	SCTII1515MA-8	N/A	SSF0495-M	N/A
SL-1500-MH-480	N/A	SCTII1515MA-5	N/A	SSF0495-5	N/A

Dusk to Dawn



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
DTD-150-HPS-120	N/A	DTD150NLXL-1	N/A	N/A	DD150HPS
DTD-175-MV-120	N/A	DTD175NMML-1	N/A	N/A	DD175M

Vandal Resistant Garage Lighter



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
VGL-70-HPS-120	N/A	LPQ075NLXL-1	N/A	GLX3507-1	VNG15-70HPK
VGL-70-HPS-4T	F3507-1SCL-M	LPQ075LXL-8	N/A	GLX3507-M	VNG15-70HQPK
VGL-100-HPS-120	N/A	LPQ105NLXL-1	N/A	GLX3510-1	VNG15-100HPK
VGL-100-HPS-4T	F3510-1SCL-M	LPQ105LXL-8	N/A	GLX3510-M	VNG15-100HQPK
VGL-150-HPS-120	N/A	LPQ155NLXL-1	N/A	GLX3515-1	VNG15-150HPK
VGL-150-HPS-4T	F3515-1SCL-M	LPQ155LXL-8	VANGS150QT	GLX3515-M	VNG15-150HQPK
VGL-70-MH-2T	N/A	LPQ075MAL-1	N/A	N/A	N/A
VGL-70-MH-4T	F3407-DSCL-M	LPQ075MAL-8	N/A	GLX3807-M	VNG15-70MHQPK
VGL-100-MH-2T	N/A	LPQ105MAL-1	N/A	N/A	N/A
VGL-100-MH-4T	F3410-DSCL-M	LPQ105MAL-8	N/A	GLX3810-M	VNG15-100MHQPK
VGL-150-MH-2T	N/A	LPQ155MAL-1	N/A	N/A	N/A
VGL-150-MH-4T	F3615-MSCL-M	LPQ155MAL-8	VANGH150QT	N/A	N/A
VGL-175-MH-4T	F3417-MSCL-M	LPQ175MAL-8	VANGH175QT	GLX3417-M	VNG15-175MHQPK
VGL-175-MH-5T	N/A	N/A	N/A	N/A	N/A
VGL-200-PS-4T	N/A	N/A	VANGH200PSQ	N/A	N/A



Large Vandal Resistant Garage Lighter



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LVGL-150-HPS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-150-HPS-5T	N/A	N/A	N/A	N/A	N/A
LVGL-250-HPS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LVGL-400-HPS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LVGL-175-MH-4T	N/A	N/A	N/A	N/A	N/A
LVGL-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LVGL-250-MH-4T	N/A	N/A	N/A	N/A	N/A
LVGL-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LVGL-400-MH-4T	N/A	N/A	N/A	N/A	N/A
LVGL-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LVGL-200-PS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-250-PS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-320-PS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-350-PS-4T	N/A	N/A	N/A	N/A	N/A
LVGL-400-PS-4T	N/A	N/A	N/A	N/A	N/A

Low Profile Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LPWP-7-PL-120	N/A	N/A	N/A	N/A	N/A
LPWP-9-PL-120	N/A	N/A	N/A	N/A	N/A
LPWP-13-PL-120	N/A	N/A	VAN6F13	N/A	N/A
LPWP-26-PL-120	N/A	N/A	VAN6F26	N/A	VN513-26FLPK
LPWP-35-HPS-120	N/A	N/A	VAN6S35	N/A	VN513-35HPK
LPWP-50-HPS-120	N/A	N/A	VAN6S50	N/A	VN513-50HPK

Mini Wall Pack - Polycarbonate



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MINIWPP-35-HPS-120	N/A	TLW35NLXLPC-1	WPTS35	WSS0503-1B	WL-35HPCPK
MINIWPP-50-HPS-120	N/A	TLW50NLXLPC-1	WPTS50	WSS0505-1B	WL-50HPCPK
MINIWPP-70-HPS-120	N/A	TLW70NLXLPC-1	WPTS70	WSS0507-1B	WL-70HPCPK
MINIWPP-70-HPS-4T	N/A	TLW70NLXLPC-8	N/A	N/A	N/A
MINIWPP-100-HPS-120	N/A	N/A	N/A	N/A	N/A
MINIWPP-100-HPS-4T	N/A	N/A	N/A	N/A	N/A
MINIWPP-50-MH-2T	N/A	TLW50HMLPC-6	N/A	N/A	N/A
MINIWPP-70-MH-2T	N/A	N/A	N/A	N/A	N/A

Mini Wall Pack - Polycarbonate – continued

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MINIWPP-100-MH-2T	N/A	N/A	N/A	N/A	N/A
MINIWPP-26-PL-120	N/A	N/A	N/A	WSS0326-1B	WL-26FLPCPK

Mini Wall Pack - Cast Housing



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MINIWP-35-HPS-120	N/A	N/A	N/A	WPS0503-1-NPF	N/A
MINIWP-50-HPS-120	N/A	N/A	N/A	WPS0505-1-NPF	WLG-50HPK
MINIWP-70-HPS-120	N/A	N/A	WPTGSN70	WPS0507-1-NPF	WLG-70HPK
MINIWP-70-HPS-4T	N/A	N/A	WPTGSH70QT	WPS0507-M	WLG-70HQPK
MINIWP-100-HPS-120	N/A	N/A	WPTGSN100	WPS0510-1-NPF	WLG-100HPK
MINIWP-100-HPS-4T	N/A	N/A	WPTGSN100QT	WPS0510-M	WLG-100HQPK
MINIWP-50-MH-2T	N/A	N/A	WPTGHH50DT	WPS0805-M	WLG-50MHQPK
MINIWP-70-MH-2T	N/A	N/A	WPTGHN70	WPS0807-M	WLG-70MHQPK
MINIWP-70-MH-4T	N/A	N/A	WPTGHH70QT	WPS0807-M	N/A
MINIWP-100-MH-2T	N/A	N/A	N/A	WPS0810-M	WLG-100MHQPK
MINIWP-100-MH-4T	N/A	N/A	WPTGHH100QT	WPS0810-M	N/A
MINIWP-26-PL-120	N/A	N/A	N/A	N/A	N/A

Wall Pack Cube



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
WPC-35-HPS-120	E3503-1	N/A	N/A	N/A	N/A
WPC-50-HPS-120	E3505-1	N/A	N/A	N/A	N/A
WPC-70-HPS-120	E3507-1	DSC70NLXL-1	N/A	N/A	N/A

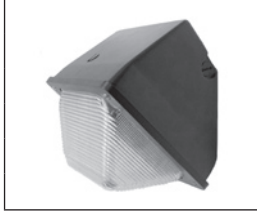
Small Wall Pack - Polycarbonate Lens



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
SWP-35-HPS-120	N/A	WNPS35NLXL	WP1SN35	N/A	WLS-35HPK
SWP-50-HPS-120	N/A	WNPS50NLXL	WP1SN50	N/A	WLS-50HPK
SWP-70-HPS-120	N/A	WNPS70NLXL	WP1SN70	N/A	WLS-70HPK
SWP-100-HPS-120	N/A	WNPS101NLXL	WPISN100	N/A	WLS-100HPK
SWP-50-MH-2T	N/A	N/A	WP1H50	N/A	N/A
SWP-70-MH-2T	N/A	N/A	WP1H70	N/A	N/A



Small Wall Pack - Glass Lens



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
SWPG-35-HPS-120	N/A	N/A	N/A	N/A	WLSG-35HPK
SWPG-50-HPS-120	N/A	N/A	N/A	N/A	WLSG-50HPK
SWPG-70-HPS-120	N/A	N/A	WP1GSN70	N/A	WLSG-70HPK
SWPG-70-HPS-4T	N/A	N/A	N/A	N/A	N/A
SWPG-100-HPS-120	N/A	N/A	WP1GSN100	N/A	WLSG-100HPK
SWPG-100-HPS-4T	N/A	N/A	N/A	N/A	N/A
SWPG-150-HPS-120	N/A	N/A	N/A	N/A	WLSG-150HPK
SWPG-150-HPS-4T	N/A	N/A	N/A	N/A	N/A
SWPG-50-MH-2T	N/A	N/A	N/A	N/A	N/A
SWPG-50-MH-4T	N/A	N/A	N/A	N/A	WLSG-50MHQPK
SWPG-70-MH-2T	N/A	N/A	WP1GH70	N/A	N/A
SWPG-70-MH-4T	N/A	N/A	N/A	N/A	WLSG-70MHQPK
SWPG-100-MH-2T	N/A	N/A	WP1GH100/277	N/A	N/A
SWPG-100-MH-4T	N/A	N/A	N/A	N/A	WLSG-100MHQPK

Medium Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MWP-50-HPS-120	N/A	N/A	N/A	WSM0505-1-NPF	N/A
MWP-70-HPS-120	N/A	N/A	WP2SH70	WSM0507-1-NPF	WLM-70HPK
MWP-70-HPS-4T	N/A	N/A	WP2SH70QT	WSM0507-M	WLM-70HQPK
MWP-100-HPS-120	N/A	WPM101NLXL-1	WP2SH100	WSM0510-1-NPF	WLM-100HPK
MWP-100-HPS-4T	N/A	WPM101LXL-8	WP2SH100QT	WSM0510-M	WLM-100HQPK
MWP-150-HPS-120	N/A	WPM152NLXL-1	WP2SN150	WSM0515-1-NPF	WLM-150HPK
MWP-150-HPS-4T	N/A	WPM152LXL-8	WP2SH150QT	WSM0515-M	WLM-150HQPK
MWP-70-MH-DT	N/A	WPM71MAL-6	WP2H70	N/A	N/A
MWP-70-MH-4T	N/A	WPM71MAL-8	N/A	WSM0807-M	WLM-70MHQPK
MWP-100-MH-2T	N/A	WPM101MAL-6	N/A	N/A	N/A
MWP-100-MH-4T	N/A	WPM101MAL-8	WP2H100QT	WSM0810-M	WLM-100MHQPK
MWP-150-MH-2T	N/A	WPM152MAL-6	WP2H150	N/A	N/A
MWP-150-MH-4T	N/A	WPM152MAL-8	WP2H150QT	WSM0815-M	N/A
MWP-175-MH-4T	N/A	WPM176MAL-8	WP2H175QT	WSM0417-M	WLM-175MHQPK
MWP-175-MH-5T	N/A	N/A	N/A	N/A	N/A

Large Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LWP-150-HPS-120	N/A	WP150LX-1	N/A	N/A	N/A
LWP-150-HPS-4T	N/A	WP150LX-8	N/A	N/A	N/A
LWP-250-HPS-4T	N/A	WP250LX-8	WPSC250QT	N/A	N/A
LWP-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LWP-250-HPS-480	N/A	WP250LX-5	N/A	N/A	N/A
LWP-175-MH-4T	N/A	WP175MA-8	N/A	N/A	N/A
LWP-175-MH-5T	N/A	N/A	N/A	N/A	N/A
LWP-250-MH-4T	N/A	WP250MA-8	WP3H250QT	N/A	N/A
LWP-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LWP-200-PS-4T	N/A	N/A	WP3H200PSQ	N/A	N/A
LWP-250-PS-4T	N/A	N/A	WP3H250PSQ	N/A	N/A

Large Deep Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LDWP-250-HPS-4T	N/A	WP250LX-8	N/A	WSL0525-M	WLXD-250HQPK
LDWP-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LDWP-250-HPS-480	N/A	WP250LX-5	N/A	WSL0525-5	N/A
LDWP-400-HPS-4T	N/A	WP400LX-8	WP4SC400QT	WSL0540-M	WLXD-400HQPK
LDWP-400-HPS-480	N/A	WP400LX-5	N/A	WSL0540-5	N/A
LDWP-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LDWP-250-MH-4T	N/A	WP250MA-8	N/A	WSL0425-M	WLXD-250MHQPK
LDWP-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LDWP-400-MH-4T	N/A	WP400MA-8	WP4H400QT	WSL0440-M	WLXD-400MHQPK
LDWP-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LDWP-320-PS-4T	N/A	N/A	WP4H320PSQ	WSL0832-M	WLXD-320PQPK
LDWP-350-PS-4T	N/A	N/A	WP4H350PSQ	WSL0835-M	WLXD-350PQPK
LDWP-400-PS-4T	N/A	N/A	WP4H400PSQ	WSL0840-M	WLXD-400PQPK

Medium Semi-Cutoff Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MSWP-70-HPS-120	N/A	N/A	N/A	N/A	WLMC-70HPK
MSWP-70-HPS-4T	N/A	N/A	N/A	N/A	WLMC-70HQPK
MSWP-100-HPS-120	N/A	N/A	N/A	N/A	WLMC-100HPK
MSWP-100-HPS-4T	N/A	N/A	N/A	N/A	WLMC-100HQPK
MSWP-150-HPS-120	N/A	N/A	N/A	N/A	WLMC-150HPK
MSWP-150-HPS-4T	N/A	N/A	N/A	N/A	WLMC-150HQPK
MSWP-70-MH-4T	N/A	N/A	N/A	N/A	WLMC-70MHQPK
MSWP-100-MH-4T	N/A	N/A	N/A	N/A	WLMC-100MHQPK
MSWP-175-MH-4T	N/A	N/A	N/A	N/A	WLMC-175MHQPK
MSWP-175-MH-5T	N/A	N/A	N/A	N/A	N/A



Large Semi-Cutoff Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LSWP-250-HPS-4T	N/A	N/A	N/A	N/A	WLXDC-250HQPK
LSWP-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LSWP-250-HPS-480	N/A	N/A	N/A	N/A	N/A
LSWP-400-HPS-4T	N/A	N/A	N/A	N/A	WLXDC-400HQPK
LSWP-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LSWP-400-HPS-480	N/A	N/A	N/A	N/A	N/A
LSWP-250-MH-4T	N/A	N/A	N/A	N/A	WLXDC-250MHQPK
LSWP-250-MH-5T	N/A	N/A	N/A	N/A	N/A
LSWP-400-MH-4T	N/A	N/A	N/A	N/A	WLXDC-400MHQPK
LSWP-400-MH-5T	N/A	N/A	N/A	N/A	N/A

Medium Cutoff Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
MCWP-70-HPS-120	N/A	NPM70NLXL-1	WP2CSH70	N/A	WLMFC70HPK
MCWP-70-HPS-4T	N/A	NPM70NLXL-8	WP2CSH70QT	N/A	WLMFC70HQPK
MCWP-100-HPS-120	N/A	NPM100NLXL-1	WP2CSH100	N/A	WLMFC100HPK
MCWP-100-HPS-4T	N/A	NPM100NLXL-8	WP2CSH100QT	N/A	WLMFC100HQPK
MCWP-150-HPS-120	N/A	NPM150NLXL-1	WP2CSN150	N/A	WLMFC150HPK
MCWP-150-HPS-4T	N/A	NPM150NLXL-8	WP2CSH150QT	N/A	WLMFC150HQPK
MCWP-70-MH-4T	N/A	NPM70MAL-8	WP2CH70	N/A	WLMFC70MHQPK
MCWP-100-MH-4T	N/A	NPM100MAL-8	WP2CH100QT	N/A	WLMFC100MHQPK
MCWP-175-MH-4T	N/A	NPM175MAL-8	WP2CH175QT	N/A	WLMFC175MHQPK
MCWP-175-MH-5T	N/A	N/A	N/A	N/A	N/A

Large Cutoff Wall Pack



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
LCWP-250-HPS-4T	N/A	N/A	N/A	N/A	WLXDFC250HQPK
LCWP-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
LCWP-250-HPS-480	N/A	N/A	N/A	N/A	N/A
LCWP-400-HPS-4T	N/A	N/A	N/A	N/A	WLXDFC400HQPK
LCWP-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
LCWP-400-HPS-480	N/A	N/A	N/A	N/A	N/A
LCWP-250-MH-4T	N/A	N/A	WP3H250QT	N/A	WLXDFC250MHQPK
LCWP-250-MH-5T	N/A	N/A	N/A	N/A	WLXDFC400MQPK
LCWP-400-MH-4T	N/A	N/A	WP4H400QT	N/A	N/A
LCWP-400-MH-5T	N/A	N/A	N/A	N/A	N/A
LCWP-320-PS-4T	N/A	N/A	WP4H320PSQ	N/A	WLXDFC320PQPK
LCWP-350-PS-4T	N/A	N/A	WP4H350PSQ	N/A	WLXDFC350PQPK
LCWP-400-PS-4T	N/A	N/A	WP4H400PSQ	N/A	WLXDFC400PQPK

Wall Pack 12"

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
12WP-150-HPS-120	N/A	WPC150LXL-1	N/A	N/A	N/A
12WP-150-HPS-4T	MGWP0515-M	WPC150LXL-8	N/A	N/A	N/A
12WP-175-MH-4T	MGWP0417-M	WPC175MAL-8	N/A	N/A	N/A
12WP-175-MH-5T	N/A	N/A	N/A	N/A	N/A

Slimline Wall Pack

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
SLWP-150-HPS-4T	N/A	N/A	N/A	WPL0515-M	N/A
SLWP-250-HPS-4T	GWP0525-M	N/A	N/A	WPL0625-M	N/A
SLWP-250-HPS-5T	N/A	N/A	N/A	N/A	N/A
SLWP-250-HPS-480	GWP0525-5	N/A	N/A	WPL0625-5	N/A
SLWP-400-HPS-4T	GWP0540-M	N/A	N/A	WPL0640-M	N/A
SLWP-400-HPS-5T	N/A	N/A	N/A	N/A	N/A
SLWP-400-HPS-480	GWP0540-5	N/A	N/A	WPL0640-5	N/A
SLWP-175-MH-4T	N/A	N/A	N/A	WPL0417-M	N/A
SLWP-250-MH-4T	GWP0425-M	N/A	N/A	WPL0425-M	N/A
SLWP-250-MH-5T	N/A	N/A	N/A	N/A	N/A
SLWP-400-MH-4T	GWP0440-M	N/A	N/A	WPL0440-M	N/A
SLWP-400-MH-5T	N/A	N/A	N/A	N/A	N/A
SLWP-400-MH-480	N/A	N/A	N/A	WPL0440-5	N/A
SLWP-200-PS-4T	N/A	N/A	N/A	WPL0820-M	N/A
SLWP-250-PS-4T	N/A	N/A	N/A	WPL0825-M	N/A
SLWP-320-PS-4T	N/A	N/A	N/A	WPL0832-M	N/A
SLWP-350-PS-4T	N/A	N/A	N/A	WPL0835-M	N/A
SLWP-400-PS-4T	N/A	N/A	N/A	WPL0840-M	N/A

Canopy 5" x 8"

Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
5x8C-7-PL-120	N/A	N/A	VAN1F7	N/A	N/A

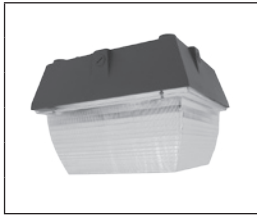


Canopy 8" x 8"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
8x8C-18-PL-120	N/A	N/A	N/A	N/A	N/A
8x8C-35-HPS-120	SE1503-1	N/A	VAN3S35	GCS3503-1	N/A
8x8C-50-HPS-120	SE1505-1	N/A	VAN3S50	GCS3505-1	VN8-50HPK
8x8C-70-HPS-120	SE1507-1	N/A	VAN3S70	GCS3507-1	VN8-70HPK
8x8C-50-MH-2T	SE1405-D	N/A	VAN3HH50	N/A	N/A
8x8C-50-MH-4T	N/A	N/A	N/A	GCS3805-M	VN8-50MHQPK
8x8C-70-MH-2T	SE1407-D	N/A	N/A	N/A	N/A
8x8C-70-MH-4T	N/A	N/A	VANHH70QT	GCS3807-M	VN8-70MHQPK

Canopy 12" x 12"



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
12x12C-35-HPS-120	N/A	N/A	N/A	N/A	N/A
12x12C-50-HPS-120	N/A	N/A	N/A	GCV3505-1	N/A
12x12C-70-HPS-120	N/A	LCQ075NLXL-1	N/A	GCV3507-1	VN12-70HPK
12x12C-70-HPS-4T	N/A	LCQ075LXL-8	N/A	GCV3507-M	VN12-70HQPK
12x12C-100-HPS-120	N/A	LCQ105NLXL-1	VAN5S100	GCV3510-1	VN12-100HPK
12x12C-100-HPS-4T	SE1510-M	LCQ105LXL-8	VAN5S100QT	GCV3510-M	VN12-100HQPK
12x12C-150-HPS-120	N/A	LCQ155NLXL-1	VAN5S150	GCV3515-1	VN12-150HPK
12x12C-150-HPS-4T	SE1515-M	LCQ155LXL-8	VAN5S150QT	GCV3515-M	VN12-150HQPK
12x12C-50-MH-2T	N/A	N/A	N/A	GCV3805-M	N/A
12x12C-70-MH-2T	N/A	LCQ075MAL-1	N/A	N/A	N/A
12x12C-70-MH-4T	N/A	LCQ075MAL-8	N/A	GCV3807-M	VN12-70MHQPK
12x12C-100-MH-2T	SE1410-D	LCQ105MAL-1	N/A	N/A	N/A
12x12C-100-MH-4T	N/A	LCQ105MAL-8	VAN5HH100QT	GCV3810-M	VN12-100MHQPK
12x12C-150-MH-2T	N/A	LCQ155MAL-1	N/A	N/A	N/A
12x12C-150-MH-4T	N/A	LCQ155MAL-8	VAN5HH150QT	GCV3815-M	N/A

Portable Work Light



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
PW-70-MH-2T	N/A	N/A	N/A	N/A	N/A
PW-175-MH-4T	N/A	N/A	N/A	N/A	N/A
PW-42-PL-120	N/A	N/A	N/A	N/A	N/A
PW-84-PL-120	N/A	N/A	N/A	N/A	N/A

Temporary Construction Light



Howard Lighting	RUUD Lighting	Crescent Stonco	RAB	Simkar/CEW	Atlas
TL-150-HPS-4T	N/A	N/A	N/A	N/A	N/A
TL-250-HPS-4T	N/A	SSCII250LXGHL-8	N/A	N/A	JL25HQ
TL-400-HPS-4T	N/A	SSCII400LXGHL-8	N/A	N/A	JL40HQ
TL-175-MH-4T	N/A	SSCII175MAGHL-8	N/A	N/A	N/A
TL-250-MH-4T	N/A	SSCII250MAGHL-8	N/A	N/A	JL25MQ-P
TL-400-MH-4T	ZWL8440-M	SSCII400MAGHL-8	N/A	DTC1440-M	JL40MQ-P



Terms and Conditions of Sales

1. General

- a. All orders are subject to acceptance by Howard Industries, Inc. – Lighting Products Division (hereinafter "Howard Lighting").
- b. Specifications are subject to change without notice. Contact Howard Lighting for verification.
- c. Howard Lighting assumes no responsibility for the improper selection, installation, use, and/or maintenance of its products.
- d. The terms and conditions set forth herein are in lieu of any and all other terms and conditions expressed or implied including the warranties of merchantability and fitness for a particular purpose. In no case shall Howard Lighting or Howard Industries, Inc. be obligated or liable for any indirect, consequential, or incidental damages for breach of these or any other terms and conditions expressed or implied whatsoever.

2. Terms

- a. Purchaser understands net is due thirty (30) calendar days from the Howard Lighting invoice date.
- b. Purchaser understands an interest charge of 1.5% per month will be added on any past due balances.

3. Pricing

Unless noted otherwise in writing by Howard Lighting:

- a. All pricing and quotes are based on US dollars.
- b. Pricing is subject to change without notice.
- c. The applicable taxes will be added to invoices.
- d. Written quotes will be honored for thirty (30) calendar days given all fixtures are released for shipment within sixty (60) calendar days from the quote date.
- e. Shipments requested after a quote expires may be subject to a price increase.
 - i. Exceptions may be made when specific ship dates are noted on the original quote.
 - ii. Pricing is subject to change if any accessory, option, or other condition is changed from the original quote.

4. Minimum Billing

Howard Lighting's minimum billing amount is \$100 (US).

5. Freight Allowance

- a. Howard Lighting provides a freight allowance for orders totaling \$1,000 (US) net given the full order is being shipped via normal freight to the same address in any of the contiguous 48 states in the US. Additional freight charges will be added as applicable to shipments to Alaska, Hawaii, and outside the US.
- b. Partial shipments and shipments made to more than one location must each total \$1,000 (US) net to earn a freight allowance. Howard Lighting may make partial shipments at its own discretion, billing each shipment as it is made, but with freight terms applicable to the complete order.
- c. Orders of less than \$1,000 (US) net will be shipped as directed by the purchaser either freight collect or prepaid with the freight charges being added to the invoice.
- d. For air or premium freight requests on orders over \$1,000 (US) net, Howard Lighting will add the air or premium freight charges less the normally-incurred freight charges to the invoice.
- e. Unless noted otherwise in writing by Howard Lighting, all published prices and quotes are F.O.B. factory, Mendenhall, MS or from one of our authorized representatives' facilities.

- f. To qualify for this freight allowance, Howard Lighting reserves the right to select the shipment's point of origin, method of transportation, and routing.

6. Freight Claims

Purchaser understands and agrees to report claims for damage, shortage, or errors in material as follows:

- a. Claims for damage and/or shortage caused by shipping must be made by the consignee to the shipper within ten (10) calendar days of delivery.
 - i. All items in question must be kept in their original cartons and at the original delivery point for inspection by carrier (upon request).
 - ii. If notified, Howard Lighting will assist purchaser as possible with claim.
- b. Claims involving shortages or errors in material believed to be caused by Howard Lighting will not be considered unless noted on the delivery receipt and reported to Howard Lighting within ten (10) calendar days of delivery.

7. Returned Goods Policy

- a. Howard Lighting will not accept any returned products without prior written authorization from Howard Lighting.
- b. Return request must be made to Howard Lighting within 90 days of original shipment.
- c. Purchaser agrees to prepay all transportation charges on all returned products.
- d. Credit will be issued at the prices in effect at the time of shipment or at the time of the return – whichever is lower – provided the products are in a saleable condition, are current models, and are listed in the published price sheet in effect at the time of the return.

- e. Purchaser understands that all non-stock, special, custom, or modified versions of normal factory-stock items are not returnable.
- f. If Howard Lighting accepts the returned merchandise and credits the purchaser's account, the purchaser agrees to pay a restocking fee of 25% plus the original freight cost. These amounts will be deducted from the credit to cover the cost of handling and inspection.
- g. Howard Lighting will not issue account credits when the value of the items to be returned is less than \$50 (US).
- h. Returns from any one-job order will be limited to no more than 10% of the original job order's value.
- i. Orders for stocked products may be cancelled without any cancellation charges provided Howard Lighting receives a written cancellation request prior to shipment.
- j. Order cancellations for custom products are subject to cancellation charges based on the costs incurred and commitments made by Howard Lighting up to and including the date the written cancellation notification was received.

8. Hold For Release Orders

Orders received as "hold for release" or "will advise" are not processed for manufacture until a written release is received and the order has been priced.

9. Claims

Refunds, repairs, or replacement will be at the sole discretion of Howard Lighting. Reimbursement for any field labor and/or service charges must be pre-approved in writing by Howard Lighting. Refer to our product warranty for more information.



Product Warranty

To the original purchaser, Howard Industries, Inc. – Lighting Products Division (hereinafter “Howard Lighting”) warrants its HID and fluorescent fixtures to be free from manufacturing defects for the period of one (1) year from the shipment date from Howard Lighting’s factory or an authorized representative’s warehouse. If at any time during the warranty period the HID or fluorescent fixture exhibits the appearance of defect in material or workmanship, the purchaser must notify Howard Lighting’s customer support via telephone, fax, or mail as noted below to qualify for a refund, repair, or replacement.

Howard Industries, Inc. – Lighting Products Division
P.O. Box 1590
Laurel, MS 39441
800.956.3456 or 601.422.0033
601.422.1652 (fax)

This limited warranty is null and void if the Howard Lighting HID and fluorescent fixtures have not been properly stored, installed, operated, and maintained in accordance with the following:

- The National Electric Code (NEC)
- The Standards for Safety of Underwriters Laboratories, Inc. (UL)
- The Standards for the American National Standards Institute (ANSI)
- The specific instructions provided by Howard Lighting for the installation of the product(s)
- Accepted industry practices

Under the terms of this limited warranty, purchaser also agrees to make defective lighting products available (upon request) to Howard Lighting or an authorized representative of Howard Lighting for review, inspection, and/or analysis with the express understanding of the following:

- Refunds, repairs, or replacement will be at the sole discretion of Howard Lighting.
- Reimbursement for any field labor and/or service charges must be pre-approved in writing by Howard Lighting.
- The purchaser must obtain written approval from Howard Lighting prior to returning any defective product. With this approval, the purchaser will be reimbursed for any reasonable shipping costs.
- Certain lamps having a published rated life of less than one (1) year will not be covered under this limited warranty.
- Damage or defects arising from acts of God, fire, vandalism, civil disturbances, or war are not covered.

The warranties set forth herein are in lieu of any and all other warranties expressed or implied including the warranties of merchantability and fitness for a particular purpose. In no case shall Howard Lighting or Howard Industries, Inc. be obligated or liable for any indirect, consequential, or incidental damages for breach of this or any other warranty, expressed or implied, whatsoever.

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Frequently Asked Questions

How do I order?

Visit our website at www.Howard-Lighting.com to identify the member of our nationwide sales network in your specific area. These trained professionals provide quick turnaround on all quotes and questions in addition to assisting you in the order placement process.

How can I reach your customer or technical support team?

Anytime you have engineering or technical questions regarding one of our products, assistance is just a phone call away. Our customer and technical support is available Monday - Friday 7 AM - 5 PM (CST) at 800.956.3456 or via fax at 601.422.1652. We value our customers and pride ourselves on providing the superior service you would expect from a premier lighting provider.

What tradeshows do you attend?

We participate in numerous events, tradeshows, and conferences throughout the year. Visit our website at www.Howard-Lighting.com to see when we'll be in your area. We look forward to meeting with you to discuss your lighting needs and our products.

What about quality and testing?

We test all products before, during, and after manufacturing to ensure they meet our high standards. And for those products featuring our own Howard ballasts, you receive the added confidence of knowing that they are tested numerous times within our ballast facilities before being installed into your lighting fixtures and thoroughly tested again.

Will you be expanding this catalog?

Yes, while we've carefully selected the products and accessories featured within these pages, it is important to note that we are already looking towards our future. In fact, we are in the process of broadening our current product lines to include even more HID fixtures and fluorescent lighting products. Visit our website for current product information.

Still need more information?

To obtain the most up-to-date information about us and our products and services, visit our website at www.Howard-Lighting.com. We are excited about our product offerings and look forward to welcoming you to our Howard Lighting customer family.



APRIL 2005

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