

GE
Lighting Solutions

Industrial Lighting

Duraglow™ 400 (DG5)



imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 20 ft. (6 meter) applications assembly, maintainance or storage areas, hangers, recreation centers, and other high bay applications

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

-  1598 Listed Suitable for Damp Locations
-  Listed to Canadian standards and codes

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available

Reflectors

- ALGLAST™ finish on faceted reflector

Unique Features

- Open, ventilated optical assembly
- Unique optical sliding disconnect
- 55° C ambient standard
- In-line EZ Connect™ plugin adapter port allows for:
 - hook/loop, cord & NEMA plug
 - plug-in modular wiring systems
 - plug-in fuse kits
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical - Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Duraglow™ 400 (DG5)



DG5

COLOR		WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
DG5 = Duraglow 400 Luminaire	G = Gray W = White	= 250 = 320 = 350 = 400	E = Energy Act Compliant Pulse MH (EPMH) S = HPS For International Markets only M = MH P = Pulse Start MH Note: Lamp is vertical base up. Lamp not included.	60 Hz 0 = 120/208/240/277 MULTIVOLT 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347 T = 220 50 Hz 6 = 220 R = 230 Y = 240 G = 380	See Ballast Selection Table A = Autoreg D = Systems 3 Bilevel Autoreg G = CANADIAN Mag-Reg (Grounded Socket Shell) H = HPF Reactor or Lag M = Mag-Reg	V7 = Open and ventilated 17-in. Reflector V2 = Open and ventilated 22-in. Reflector Note: Do not use open optics with lamps specified for use in enclosed optics only	XX = Select Code Below XX = Select Code Below	XX = Select Code Below 11 = Pendant mounting 13 = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only Separately). 14 = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately 15 = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook", Order Receptacle/Hook Box Separately. (Not CSA/CUL) 31 = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug 33 = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) MODULAR PREWIRE 41 = ACS with 3-ft (0.9 meter) cord & EZ-Hook 69 = ACS with 6-ft (1.8 meter) cord & EZ-Hook 43 = ACS with 3-ft (0.9 meter) cord & EZ-Loop 70 = ACS with 6-ft (1.8 meter) cord & EZ-Loop PLUG-N-GO 51 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook 71 = Plug-N-Go with 6 ft. (1.8 meter) Cord & Hook 53 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop 72 = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop Note: ACS = Flex 3+ Plug-N-Go = FSC Series	A = 65°C maximum ambient** B = Time Delay Automatically Switched Quartz F = Fusing* G = Secondary Wiring Access. 7/8 in. dia. knockout Q = Non-Time Delay Automatically Switched Quartz R = Quartz. S = Exclusionary mogul base socket for MH open fixtures T = E40 / European Socket *Not available with multivolt **65°C available for 250 and 400 watt Auto Reg Ballast only.

Photometric Selection Table

V7 OPTICAL - Open & Ventilated 17 in. Reflector MH, requires "S" Option EX39 base socket						
Light Wattage	Spacing Source	Socket Criteria	Photometric Position	Curve	Optical Code	Photometry Code
350, 400	EPMH	1.1	11	174980	V7	EX
350, 400	EPMH	1.3	9	174981	V7	EU
350, 400	EPMH	1.6	5	177098	V7	EQ
350, 400	EPMH(Coated)	1.2	11	175933	V7	EX
350, 400	EPMH(Coated)	1.5	9	175320	V7	EU
350, 400	EPMH(Coated)	1.9	5	175930	V7	EQ
250 - 400	HPS	1.0	5	174984	V7	EQ
250 - 400	HPS	1.4	3	174985	V7	EO
250 - 400	HPS	1.9	1	175641	V7	EM

V2 OPTICAL - Open & Ventilated 22 in. Reflector MH, requires "S" Option EX39 base socket						
Light Wattage	Spacing Source	Socket Criteria	Photometric Position	Curve	Optical Code	Photometry Code
400	EPMH	0.7	7	174978	V2	ES
400	EPMH	0.9	11	179165	V2	EX
250 - 400	HPS	0.7	2	174982	V2	EN

*Note: 320 watt available — contact factory

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

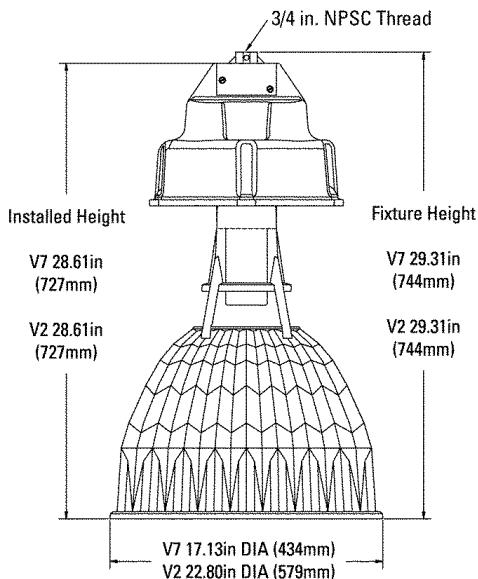
Product Dimensions

DIMENSIONS

When optical assembly contains a quartz socket (switched or non-switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.

NOTES

See explanation on "Optical Flexibility"



Ballast Selection Table

Wattage	Light Source	Ballast Type / Voltage				50HZ			
		60HZ		120, 208 240, 277		120 X		220	
		Multivolt	480	347	347	220	220	230	240
250	HPS	A,M	A,D,G,M	A,D,G	A	A,H	A,H,M	A,H	A,H
400	HPS	A,M	A,D,GM	A,D,G	A	A,H	A,H,M	A,H,M	A,H,M
250**	MH,P	N/A	N/A	N/A	A	A	A	A	N/A
400**	MH,P	N/A	N/A	N/A	A	A	A	A	N/A

PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE									
250	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A
320	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A
350	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A
400	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available

* H is HPF-Linear Reactor available as 277 volt only.
Cannot be used with Automatic Switch Quartz Option.

** For International only.

CANADIAN NOTES:

1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
3. Multivolt not available
4. 208, 240 and 480 volts with "G" ballast not available with switched quartz.

DATA

- Approximate Net Weight: Ballast and Optical 25-37 lbs (11-17) kgs



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