



KIM LIGHTING

WC14

14" Wall Commander®

revision 7/19/11 • kim_wc14_spec_.pdf

Type:

Job:

Catalog number:

Fixture	Electrical Module	Finish	Options
See page 2			See pages 3-4

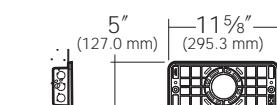
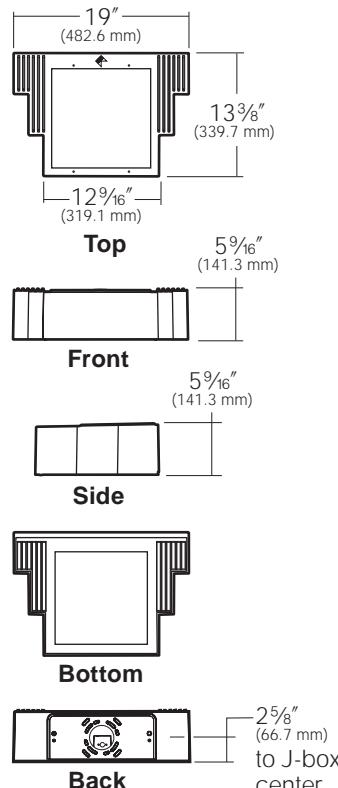
Approvals:

Date:

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Specifications

50 to 150 watt
Medium Base Lamps



WC14 Mounting Plate

Attaches directly to any standard 4" J-box (by others)



HUBBELL LIGHTING, INC.

Housing and Lens

The complete housing fastens to a mounting plate with keyhole slots freeing both hands for securing and wiring. Access to field splice is through back of housing.

For UP and UP/DOWN model: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy. Lens (Up model) and top lens (Up/Down model) is flat $\frac{3}{16}$ " thick tempered glass mounted flush with top of housing for water run off, and is silicone sealed.

For DOWN model: Two-piece die-cast, low copper (<0.6% Cu) aluminum alloy. Top of housing is closed with a die-cast plate with cooling fins to dissipate heat. The top plate is secured by fasteners and sealed with silicone gasketing around the perimeter.

Access Door (UP model): One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral stainless steel pin hinges. Two stainless steel thumb latches secure the frame to the housing.

Lens Frame (DOWN and UP/DOWN model): One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral stainless steel pin hinges. Two stainless steel thumb latches secure the frame to the housing. Sealing is provided by a one-piece molded silicone gasket between the glass lens and the reflector flange. Clear flat lens is $\frac{3}{16}$ " thick tempered glass secured to lens frame with retainer clips.

Reflector Module

All sockets are procelain medium base rated 4KV. All models are factory prewired with quick-disconnect plug for mating to the ballast module.

For all models: Specular Alzak® optical segments rigidly mounted within a die-cast aluminum enclosure that attaches to the housing by stainless steel hinge and latches. The Wall Grazer and Spot systems include black louver vanes that run parallel to the lamp arc for controlling the hot spot directly behind the luminaire, and the spill light into the atmosphere.

Electrical Module: High power factor ballasts are mounted to a rigid aluminum tray and secured to the housing with screws and key hole slots. Factory prewired with quick-disconnect plugs for mating to the reflector module and incoming leads.

Mounting Plate: Mounting plate attaches directly to any standard 4" junction box. All mounting plates are die-cast aluminum with reinforced ribs. Two studs are provided in each plate with flange nuts to allow luminaire mounting by key hole slots. Sealant must be applied (by others) between mounting plate and mounting surface to ensure a dry junction box.

Finish/Color: Finish is Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings

UL cUL 1598 ¹	CE	25C Ambient
	IP66 Rated	

¹Suitable for wet locations

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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Standard Features

FixtureCat. No. designates **WC14** fixture with:

s = Up Light Distribution
 t = Down Light Distribution
 n/a = not available



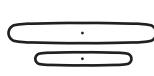
Type II



Type III



Type IV



Primary and Secondary Grazers



Primary and Secondary Spots



Asymmetric Flood



Ray

UP ONLY	<input type="checkbox"/> Type II	<input type="checkbox"/> Type III	<input type="checkbox"/> Type IV	<input type="checkbox"/> Primary s Grazer	<input type="checkbox"/> Primary s Spot	<input type="checkbox"/> Asymmetric Flood	<input type="checkbox"/> Ray
	<input type="checkbox"/> WC14U2	<input type="checkbox"/> WC14U3	<input type="checkbox"/> WC14U4	<input type="checkbox"/> WC14UG	<input type="checkbox"/> WC14US	n/a	n/a

DOWN ONLY	<input type="checkbox"/> Type II	<input type="checkbox"/> Type III	<input type="checkbox"/> Type IV	<input type="checkbox"/> Primary t Grazer	<input type="checkbox"/> Primary t Spot	<input type="checkbox"/> Asymmetric Flood	<input type="checkbox"/> Ray
	<input type="checkbox"/> WC14D2	<input type="checkbox"/> WC14D3	<input type="checkbox"/> WC14D4	<input type="checkbox"/> WC14DG	<input type="checkbox"/> WC14DS	n/a	n/a

UP / DOWN	<input type="checkbox"/> Type II	<input type="checkbox"/> Type III	<input type="checkbox"/> Type IV	<input type="checkbox"/> Secondary s Grazer	<input type="checkbox"/> Secondary s Spot	<input type="checkbox"/> Asymmetric Flood	<input type="checkbox"/> Ray ^{1,2}
	<input type="checkbox"/> t Type II	n/a	n/a	<input type="checkbox"/> WC14UGD2	<input type="checkbox"/> WC14USD2	<input type="checkbox"/> WC14UFD2	<input type="checkbox"/> WC14URD2
	<input type="checkbox"/> t Type III	n/a	n/a	<input type="checkbox"/> WC14UGD3	<input type="checkbox"/> WC14USD3	<input type="checkbox"/> WC14UFD3	<input type="checkbox"/> WC14URD3
	<input type="checkbox"/> t Type IV	n/a	n/a	<input type="checkbox"/> WC14UGD4	<input type="checkbox"/> WC14USD4	<input type="checkbox"/> WC14UFD4	<input type="checkbox"/> WC14URD4
Secondary t Grazer ²	<input type="checkbox"/> WC14U2DG	<input type="checkbox"/> WC14U3DG	<input type="checkbox"/> WC14U4DG	<input type="checkbox"/> WC14UGDG	<input type="checkbox"/> WC14USDG	<input type="checkbox"/> WC14UFDG	<input type="checkbox"/> WC14URDG
Secondary t Spot ²	<input type="checkbox"/> WC14U2DS	<input type="checkbox"/> WC14U3DS	<input type="checkbox"/> WC14U4DS	<input type="checkbox"/> WC14UGDS	<input type="checkbox"/> WC14USDS	<input type="checkbox"/> WC14UFDS	<input type="checkbox"/> WC14URDS
t Asymmetric Flood	<input type="checkbox"/> WC14U2DF	<input type="checkbox"/> WC14U3DF	<input type="checkbox"/> WC14U4DF	<input type="checkbox"/> WC14UGDF	<input type="checkbox"/> WC14USDF	<input type="checkbox"/> WC14UFDF	<input type="checkbox"/> WC14URDF

¹ For colored up light ray beam, contact factory.² Primary grazer or primary spot optics supplied when specified with the ray option. Secondary grazer or secondary spot optics supplied when specified in all other up/down combination configurations

Refer to the Kim Lighting Wall Commander Catalog for a complete matrix of available configurations.

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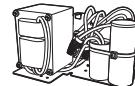
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Standard Features

Electrical Module **PMH**=Pulse Start Metal Halide
HPS=High Pressure Sodium
IF = Induction Fluorescent

PL = Compact Fluorescent
 Triple Tube



Lamp Watts	Lamp Type	Line Volts
150	PMH	277

Cat. Nos. for Electrical Modules available:

Pulse Start Metal Halide

<input type="checkbox"/> 50PMH120	<input type="checkbox"/> 70PMH120	<input type="checkbox"/> 100PMH120	<input type="checkbox"/> 150PMH120
<input type="checkbox"/> 50PMH208	<input type="checkbox"/> 70PMH208	<input type="checkbox"/> 100PMH208	<input type="checkbox"/> 150PMH208
<input type="checkbox"/> 50PMH240	<input type="checkbox"/> 70PMH240	<input type="checkbox"/> 100PMH240	<input type="checkbox"/> 150PMH240
<input type="checkbox"/> 50PMH277	<input type="checkbox"/> 70PMH277	<input type="checkbox"/> 100PMH277	<input type="checkbox"/> 150PMH277
<input type="checkbox"/> 50PMH347	<input type="checkbox"/> 70PMH347	<input type="checkbox"/> 100PMH347	<input type="checkbox"/> 150PMH347
	<input type="checkbox"/> 70PMH480 ³	<input type="checkbox"/> 100PMH480 ³	<input type="checkbox"/> 150PMH480 ³

Lamp	ED-17, Clear	T6	ED-17, Clear	ED-17, Clear	T6	ED-17, Clear
Socket	Medium Base	G-12	Medium Base	Medium Base	G12	Medium Base
ANSI Ballast	M-148 / M-110	M-143 / M-98		M-140 / M-90	M-142 / M102	

High Pressure Sodium

<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 150HPS120
<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208
<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240
<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277
<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347
<input type="checkbox"/> 70HPS480 ³	<input type="checkbox"/> 100HPS480 ³	<input type="checkbox"/> 150HPS480 ³

Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear
Socket	Medium Base	Medium Base	Medium Base
ANSI Ballast	S-62	S-54	S-55

Compact Fluorescent Triple Tube

<input type="checkbox"/> 42PL120 ¹	<input type="checkbox"/> 57PL120 ^{1,2,4}	<input type="checkbox"/> 55IF120 ⁴
<input type="checkbox"/> 42PL208 ¹	<input type="checkbox"/> 57PL208 ^{1,2,4}	<input type="checkbox"/> 55IF208 ⁴
<input type="checkbox"/> 42PL240 ¹	<input type="checkbox"/> 57PL240 ^{1,2,4}	<input type="checkbox"/> 55IF240 ⁴
<input type="checkbox"/> 42PL277 ¹	<input type="checkbox"/> 57PL277 ^{1,2,4}	<input type="checkbox"/> 55IF277 ⁴

Lamp	Coated	Coated	Induction Fluor.
Socket	GX24q-4 Base	GX24q-5 Base	
ANSI Ballast			

¹ Multiple CFL lamp configurations (ie, two 42W lamps) are possible with certain optical systems. Consult factory for details.² Remote battery pack and test switch available for 57W CFL lamps - consult factory. "EM" option not available with 55W IF lamps.³ 480 volt with medium base lamp sockets may require approval by the local building code authority.⁴ For Type II, Type III, or Type IV fixtures only. Up or down.**NOTE:** Lamp and electrical data supplied for reference purposes only. All initial lumen values shown may vary from one manufacturer to another. Consult lamp manufacturer's data for exact lumen and life data.**CAUTION:** All manufacturers of metal halide lamps recommend turning them off for 15 minutes once per week when under continuous operation. This will reduce the risk of arc tube rupture at end of life. Also, color temperature may differ between manufacturers of metal halide lamps. See lamp manufacturers' specification sheets.**WARNING:** Fixtures must be installed and grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury. For lamp/ballast information outside of the U.S.A. and Canada, please consult our local Kim representative. Lamps by others.

Finish	Color: <input type="checkbox"/> Black <input type="checkbox"/> Dark Bronze <input type="checkbox"/> Light Gray <input type="checkbox"/> Stealth Gray™ <input type="checkbox"/> Platinum Silver <input type="checkbox"/> White <input type="checkbox"/> Custom Color ⁵
Super TGIC powder coat paint over a titanated zirconium conversion coating.	<input type="checkbox"/> BL <input type="checkbox"/> DB <input type="checkbox"/> LG <input type="checkbox"/> SG <input type="checkbox"/> PS <input type="checkbox"/> WH <input type="checkbox"/> CC
	⁵ Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description:



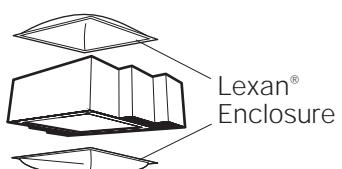
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Optional Features

Base Socket Cat. No. <input type="checkbox"/> G12 <input type="checkbox"/> No Option	Available for 70W and 150W Pulse Start Metal Halide lamps only.
Photocell Control Cat. No. (see right) <input type="checkbox"/> No Option	Factory installed inside housing with fully gasketed sensor on side wall. Cat. No. Line Volts: Cat. No. Line Volts: <input type="checkbox"/> A-30 120V <input type="checkbox"/> A-33 277V <input type="checkbox"/> A-31 208V <input type="checkbox"/> A-34 480V <input type="checkbox"/> A-32 240V <input type="checkbox"/> A-35 347V
Lexan® non-yellowing enclosure Cat. No. <input type="checkbox"/> WC14LS <input type="checkbox"/> No Option	 NOTE: Catalog number is for one enclosure. Order 2 enclosures for both up and down distributions
Wire Guard Cat. No. <input type="checkbox"/> WC14WG <input type="checkbox"/> No Option	For use with all WC14 fixtures, UP or DOWN. 11 ga. (.12" dia.) BB Wire. (.75" sq. welded mesh pattern.) Finish is Super TGIC thermoset polyester powder coat paint, over zinc plated wireform. Finished to match the fixture. Only available with flat lens applications. NOTE: Catalog number is for one wire guard. Order 2 wire guards for both up and down distributions. WG14 = 11 $\frac{3}{8}$ " x 10 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " deep
Fusing Cat. No. (see right) <input type="checkbox"/> No Option	High temperature fuse holders factory installed inside the fixture housing. Fuse is included. Line Volts: 120V 208V 240V 277V 347V 480V Cat. No.: <input type="checkbox"/> SF <input type="checkbox"/> DF <input type="checkbox"/> DF <input type="checkbox"/> SF <input type="checkbox"/> SF <input type="checkbox"/> DF
Quartz Standby Cat. No. <input type="checkbox"/> QS <input type="checkbox"/> No Option	Integral electronic device energizes a T-4 mini-can socket during initial lamp start-up or after a power interruption. De-energizes prior to HID lamp reaching full brightness. T-4 halogen lamp by others; 100W maximum.
Houseside Shield Cat. No. <input type="checkbox"/> HS <input type="checkbox"/> No Option	Up or down shield for Type II, III, and IV area optics only. Combination louver shield and black end-panel for reflector. Factory installed to reflector module. Reduces light toward wall. CAUTION: Do not use the houseside shield option with the grazer or spot as it will interfere with the light distribution.



Type:

Job:

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Optional Features

Direct Conduit Entries Cat. No. <input type="checkbox"/> DCE <input type="checkbox"/> No Option	Two conduit locations provided on the housing, (1) on the side wall and (1) on top of housing for $\frac{3}{4}$ " conduit clearance.	
Emergency Battery Back-up Cat. No. <input type="checkbox"/> EM <input type="checkbox"/> No Option	Internal battery pack provides 90 minutes of supplemental light at 750 lamp lumens on 42 watt compact fluorescent lamps only. Remote mounted battery pack also available for 57W CFL - consult factory.	 battery back-up
Color Ray Kits Each color ray kit includes (5) glass tile pieces, except for the multi-color kit which includes (5) of each color plus (5) clear, (30 pieces total).	<p>Color: Amber Blue Green Red Yellow Multi-Color Cat. No.: <input type="checkbox"/> CRA <input type="checkbox"/> CRB <input type="checkbox"/> CRG <input type="checkbox"/> CRR <input type="checkbox"/> CRY <input type="checkbox"/> CRM</p> <p>Single or multi-color ray kits available.</p> <p>NOTE: Ray colors and distributions may vary with reflector types, sources, and color temperatures. Not recommended for all lamp types. Contact factory for more information.</p>	 Wall Commander reflector assembly with ray option