**WD14-LED**

14" Wall Director® PicoEmitter® LED

**Certifications**

- UL Listed
- ADA Compliant
- DLC Listed

- 3000K and warmer CCTs only

**FEATURES**

- Full Cutoff PicoEmitter technology
- Available in 580nm, 3000K, 4000K and 5000K standard CCT

- Type 2, 3, 4 distributions
- 0-10V dimming drivers standard
- Sealed optical chamber

**SPECIFICATIONS**

**Ordering Code**

- **Housing**
  - WD14U Small, Up
  - WD14D Small, Down

- **Distribution**
  - 2 Type II
  - 3 Type III
  - 4 Type IV

- **Drive Current**
  - E35 350mA PicoEmitter

- **Source**
  - 60L 60 LEDs, 65W

- **Color Temperature**
  - 2K 580nm²
  - 3K 3000K
  - 4K 4000K
  - 5K 5000K

- **Voltages**
  - 120V 120V
  - 208V 208V
  - 240V 240V
  - 277V 277V
  - 347V 347V
  - 480V 480V

- **Fixture Finish**
  - BL Black
  - DB Dark Bronze
  - GT Graphite
  - LG Light Gray
  - PS Platinum Silver
  - TT Titanium
  - WH White
  - CC Custom Color, consult representative

- **Fuse Options**
  - SF 120, 277
  - DF 208, 240, 480 Line Volts

- **Lens Options**
  - LS Polycarbonate Lens

- **NFO Option**
  - Neighbor Friendly Optic. Photometry available for Type III/IV. All others, consult factory.

- **Other Options**
  - SDS14 Shield for horizontal cutoff when fixture tilted at 5°
  - WG14 11 ga. wire guard finished to match fixture

- **Control Options**
  - Wireless
  - WIR-RML-IO 120-347V, 1000' range, Wiscape RF mesh control system with off/on/dim, photo, GPS location, alert, monitoring and metering capabilities.

- **Mounting Options**
  - SCM14U Surface Conduit mnt. for Up fixture w/ one 3/4" NPT conduit tap in sides and bottom
  - SCM14D Surface Conduit mnt. for Down fixture w/ one 3/4" NPT conduit tap in sides and bottom

**Weight:** 26 lbs

**For Control Spec Select:** http://trpssl.com/index.html

---

Kim Lighting reserves the right to change specifications without notice.

© 2018 KIM LIGHTING | 17760 Rowland Street | City of Industry | CA 91748

P 626.968.5666 | F 626.369.2695 | www.kimlighting.com | Rev. May 22, 2018
## LUMINAIRE PERFORMANCE

### Spectroradiometric

<table>
<thead>
<tr>
<th>Temperature</th>
<th>TYPE 2</th>
<th>TYPE 3</th>
<th>TYPE 3 NFO</th>
<th>TYPE 4</th>
<th>TYPE 4 NFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>2800K-3175K</td>
<td>3800K-4600K</td>
<td>4600K-5600K</td>
<td>B1 U0 G1</td>
<td>B0 U0 G1</td>
</tr>
<tr>
<td>4200K</td>
<td>≤80</td>
<td>≤80</td>
<td>≤70</td>
<td>B2 U0 G2</td>
<td>B2 U0 G2</td>
</tr>
<tr>
<td>5100K</td>
<td>&gt;.90</td>
<td>&gt;.90</td>
<td>&gt;.90</td>
<td>B2 U0 G2</td>
<td>B2 U0 G2</td>
</tr>
</tbody>
</table>

### Electrical Drive Current

<table>
<thead>
<tr>
<th>Volts - AC</th>
<th>Amps - AC</th>
<th>System Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>0.54</td>
<td>65</td>
</tr>
<tr>
<td>208</td>
<td>0.31</td>
<td>65</td>
</tr>
<tr>
<td>240</td>
<td>0.27</td>
<td>65</td>
</tr>
<tr>
<td>277</td>
<td>0.23</td>
<td>65</td>
</tr>
<tr>
<td>347</td>
<td>0.19</td>
<td>65</td>
</tr>
<tr>
<td>480</td>
<td>0.14</td>
<td>65</td>
</tr>
</tbody>
</table>

### B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare

<table>
<thead>
<tr>
<th>Temperature</th>
<th>TYPE 2</th>
<th>TYPE 3</th>
<th>TYPE 3 NFO</th>
<th>TYPE 4</th>
<th>TYPE 4 NFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>3937</td>
<td>3868</td>
<td>N/A</td>
<td>3823</td>
<td>3120</td>
</tr>
<tr>
<td>4200K</td>
<td>5104</td>
<td>5015</td>
<td>N/A</td>
<td>4956</td>
<td>4046</td>
</tr>
<tr>
<td>5100K</td>
<td>5460</td>
<td>5365</td>
<td>N/A</td>
<td>5302</td>
<td>4328</td>
</tr>
</tbody>
</table>

### Absolute Lumens

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library.

For custom optics and color temperature configurations, contact factory.

Kim Lighting reserves the right to change specifications without notice.
SPECIFICATIONS

Housing:
- Optical housing is a one-piece, die-cast low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Rotates against gear housing to provide 10° of adjustment with degree markers cast into the housing. At 0° adjustment, lens is totally concealed from view above horizontal with fixture aimed downward.
- Gear Housing is one-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Fastens to mounting plate with keyhole slots freeing both hands for securing and wiring. One stainless steel socket-head screw on each side of housing frees the optical housing to rotate for aiming. Tightening the screws locks the two housings together with sealing provided by a silicone gasket. For visual aiming, adjustment may be accomplished with the fixture on.

Lens Frame:
- One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral hinges and stainless steel pins. Toolless access to optical housing with sealing provided by a one-piece extruded and vulcanized silicone gasket. Lens is clear flat 3/16" thick tempered glass sealed to lens frame with a silicone gasket and retainer clips. For UP models, lens is mounted flush with frame for water run off, and is silicone sealed.

Electronic Module:
- All electrical components are UL and CSA recognized.
- Mounted on a single plate and factory prewired with quick-disconnect plugs.
- Module includes a driver, thermal control device and surge protector.
- Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only.
- Driver is rated for -40°F starting and has 0-10V dimming interface for multi-level illumination options.

Finish:
- Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.

Certifications and Listings:
- UL 1598 Standard for wet locations for Luminaires.
- CSA C22.2#250.0 Luminaires.
- IDA approved, 3000K and warmer CCTs only.

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.

WARRANTY:
- For full warranty see http://www.hubbellighting.com/resources/warranty

Dimming:
- 10% to 100% dimming by the use of standard 0-10V interface driver.
- To activate the dimming system, a wiring harness is supplied and attached to the DIM Port (DIM IN) on the thermal shield protection system. This port allows the 0-10V Interface to bypass the thermal shield and control the driver.
- The thermal shield works in conjunction with the control system to assure that overheating will not harm the LEDs.
- The wiring harness is connected with the use of the Purple lead as the positive (+) and the Grey lead as the negative (-) to an available control signal (by others).

Optical Module:
- Precision, replaceable PicoEmitters are positioned to achieve directional control towards the desired task.
- The entire EmitterDeck® fastens to the housing as a one-piece module.
- Type II, III, and IV standard distributions.
- 3000K, 4000K, 5000K standard CCT. Amber and custom available.

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 fixture mounting by keyhole slots. Sealant must be applied (by others) between mounting plate and mounting surface to insure a dry junction box.

Finish:
- Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.
CONTROLS

Button Photocell

A30 for 120V, A31 for 208V, A32 for 240V,
A33 for 277V, A35 for 347V, A34 for 480V,

Photocell is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others.

Wireless Control

Hubbell Building Automation’s wiSCAPE™
In-Fixture Module is a bi-directional wireless RF device that allows an individual fixture to be managed, monitored and metered. The wiSCAPE In-Fixture Module communicates wirelessly over a robust 2.4GHz ISM (Industrial, Scientific and Medical) certified meshed radio signal. The wiSCAPE Fixture Module drastically simplifies control and automation of projects, especially in retrofit environments, and challenges the legacy world of wired-systems. wiSCAPE wireless control technology easily adapts to complex automation situations for quick, simple and economical commissioning. The On-Fixture Module is compatible with A-25-7H option.

WIR-RML-IO

120 - 347V 1000 Foot Range WiScape RF mesh control system with off/on/dim, motion, photo, GPS location, alert, monitoring and metering capabilities.

*Voltage, *Color

Kim Lighting reserves the right to change specifications without notice.
OPTIONS

Fusing:
SF for 120, 277 and 347 Line Volts
DF for 208, 240 and 480 Line Volts
High temperature fuse holders factory installed inside the fixture housing. Fuse is included.

Polycarbonate Lens
LS
Clear flat polycarbonate lens replaces standard tempered glass lens. 360° pattern. Module colors available Black, Gray, and White.

NOTE: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance.

Neighbor Friendly Optic
NFO
Integrated Neighbor Friendly Optic on each PicoEmitter module to completely control unwanted backlight. Most effective with Type III and IV distributions.

5° Shield
SDS14
Aluminum shield field-attached to lens frame. Maintains a horizontal cutoff fixture edge when the luminaire is tilted 5°. Finished to match the fixture.

Wire Guard
WG14
11 ga. (.12" dia.) BB Wire, (.75” sq. welded mesh pattern,) 11-3/8” x 10-1/4” x 1-1/2” deep. Finish is TGIC thermoset polyester powder coat. Finished to match the fixture.

Surface Conduit Mount
SCM14U for UP fixtures only.
SCM14D for DOWN fixtures only.
Cast aluminum junction box and fixture mount for attachment (by others) to existing walls, beams or columns. SCM14 has one 3/4” NPT conduit tap in each side and bottom. Must be securely mounted to wall surface. Finished to match the fixture.

NOTE: Must be securely mounted to all surfaces.