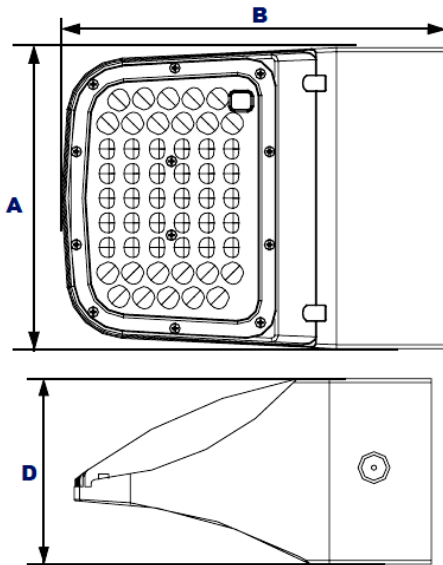


Fixture Type: \_\_\_\_\_  
 Model Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_



# WEDGE

## Decorative Full Cutoff LED Wall Mount



### Dimensions

|                     |             |
|---------------------|-------------|
| <b>Width (A)</b>    | 8¾" (220mm) |
| <b>Length (B)</b>   | 11" (280mm) |
| <b>Height 2 (D)</b> | 5¾" (146mm) |

**General:** The Wedge series decorative full cutoff wall luminaire is available in three wattages with a specially designed type IV wide forward throw optical distribution designed to replace HID lighting systems up to 175-watts. Typical installations include retail centers, schools and universities, industrial parks, public transit and airports, office buildings, and medical facilities. Mounting heights of 12' to 25' can be used based on light levels and uniformity requirements.

**Housing:** Die cast aluminum housing with full cutoff front frame, integral heat sinking and driver compartment. Twist-lock photocell/smart controls adaptable. Nickel-plated stainless steel hardware.

**Finish:** Textured architectural bronze powder coat finish over a chromate conversion coating. For custom colors, please consult factory.

**Lens:** Clear 1-piece molded type IV UV-stabilized polycarbonate lens.

**Mounting:** Mount directly over a 4" recessed outlet box. Includes easy-hang "two hands free" wall mounting bracket with built-in level. Optional trim plate is available for use in retrofit applications to cover surface wall imperfections.

**Wattage:** Array: 24.9 watts System: 28.4 watts  
 Array: 37.3 watts System: 41.8 watts  
 Array: 80.8 watts System: 83.7 watts

**Driver:** Electronic Driver, 120-277V, 50/60Hz; <20% THD and PF >0.90. Standard internal surge protection 2kV for 25w, 6kV for 37w and 81w. 0-10V dimming standard for a dimming range of 100% down to 10%. Dimming source current is 150 microamps.

**Controls:** Fixtures ordered with factory installed photocell or motion sensor controls are internally wired for switching and/or 1-10V dimming within the housing. Remote direct wired interface of 1-10V dimming is not implied and may not be available. Fixtures are tested with factory controls and may not function properly with controls supplied by others. Fixtures are NOT designed for use with line voltage dimmers.

**Certifications:** CSA listed for wet locations  
 ANSI/UL 1598, 8750  
 IP66 Sealed LED Compartment  
 Operating temperature: -40°C to +50°C



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*content of specification sheet is subject to change.*

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Fixture Type: \_\_\_\_\_

Model Number: \_\_\_\_\_

Project Name: \_\_\_\_\_



## PHOTOMETRIC SPECIFICATIONS

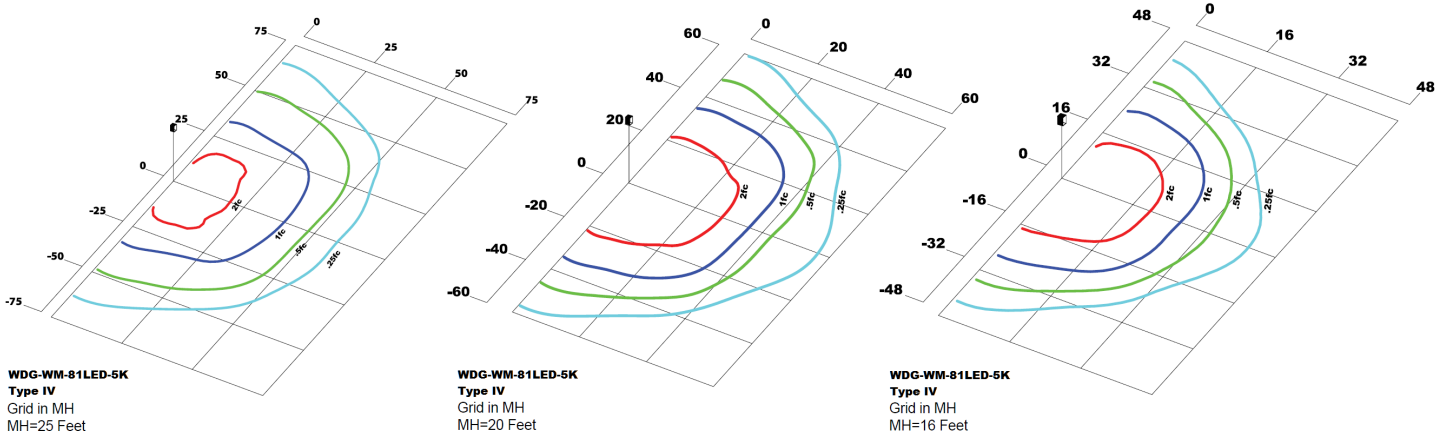
| LED Board Watts | Drive Current (mA) | Input Watts | Optics  | 5000 CCT 80 CRI |     |   |   |   | 4000 CCT 80 CRI |     |   |   |   |
|-----------------|--------------------|-------------|---------|-----------------|-----|---|---|---|-----------------|-----|---|---|---|
|                 |                    |             |         | Lumens          | LPW | B | U | G | Lumens          | LPW | B | U | G |
| 25w             | 525                | 28          | Type IV | 3,420           | 122 | 1 | 0 | 1 | 3,147           | 112 | 1 | 0 | 1 |
| 37w             |                    | 42          |         | 4,599           | 110 | 1 | 0 | 1 | 4,454           | 106 | 1 | 0 | 1 |
| 81w             |                    | 84          |         | 9,267           | 110 | 2 | 0 | 2 | 9,155           | 109 | 2 | 0 | 2 |

### Projected Lumen Maintenance

| Data shown for 5000 CCT              |                                      | Compare to MH |            |            |             |                     |
|--------------------------------------|--------------------------------------|---------------|------------|------------|-------------|---------------------|
| TM-21-11                             | Input Watts                          | Initial       | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F  | All wattages up to and including 84w | 1.00          | 0.99       | 0.98       | 0.95        | 646,000             |
| L70 Lumen Maintenance @ 50°C / 122°F |                                      | 1.00          | 0.98       | 0.97       | 0.93        | 455,000             |
| L80 Lumen Maintenance @ 40°C / 104°F |                                      | 1.00          | 0.98       | 0.97       | 0.94        | 320,000             |

**NOTES:**

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.



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Fixture Type: \_\_\_\_\_  
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 Project Name: \_\_\_\_\_



SERIES MOUNTING WATTAGE COLOR (K) OPTICS LENS OPTIONS VOLTAGE FINISH  
**WDG - WM - - - TY4 - CPL - - - -**

## MODEL NUMBER DETAIL

|                      |                          |              |  |
|----------------------|--------------------------|--------------|--|
| <b>SERIES</b>        | <input type="checkbox"/> | <b>WDG</b>   | Wedge Decorative Full Cutoff LED Wall Mount  |
| <b>MOUNTING</b>      | <input type="checkbox"/> | <b>WM</b>    | Single Wall Mount <i>(fits over 4" recessed outlet box)</i>                                      |
| <b>WATTAGE</b>       | <input type="checkbox"/> | <b>25LED</b> | 25-watt LED Module   |
|                      | <input type="checkbox"/> | <b>37LED</b> | 37-watt LED Module   |
|                      | <input type="checkbox"/> | <b>81LED</b> | 81-watt LED Module   |
| <b>LED COLOR (K)</b> | <input type="checkbox"/> | <b>4K</b>    | 4000K  |
|                      | <input type="checkbox"/> | <b>5K</b>    | 5000K  |
| <b>OPTICS</b>        | <input type="checkbox"/> | <b>TY4</b>   | Type IV distribution   |
| <b>LENS</b>          | <input type="checkbox"/> | <b>CPL</b>   | Clear molded UV-stabilized polycarbonate lens  |
| <b>OPTIONS</b>       | <input type="checkbox"/> | <b>SF</b>    | Single Fuse  |
|                      | <input type="checkbox"/> | <b>DF</b>    | Double Fuse  |
|                      | <input type="checkbox"/> | <b>SP</b>    | Surge Protection   |
|                      | <input type="checkbox"/> | <b>S2</b>    | Microwave Sensor with Dimming  |
|                      | <input type="checkbox"/> | <b>R3</b>    | 3-Pin Twist Lock Photocell Receptacle  |
|                      | <input type="checkbox"/> | <b>R5</b>    | 5-Pin Twist Lock Photocell Receptacle  |
|                      | <input type="checkbox"/> | <b>R7</b>    | 7-Pin ANSI C136.41-2013 Twist Lock Photocell Receptacle  |
|                      | <input type="checkbox"/> | <b>PC1</b>   | Photocell, 120VAC  |
|                      | <input type="checkbox"/> | <b>PC3</b>   | Photocell, 120-277VAC  |
|                      | <input type="checkbox"/> | <b>S23</b>   | Internal microwave sensor w/dimming for mounting heights of 25' or less. <i>(120V-277V only)</i> |
|                      | <input type="checkbox"/> | <b>S43</b>   | Microwave on/off motion sensor for mounting heights of 8' to 19'. <i>(120V-277V only)</i>        |
|                      | <input type="checkbox"/> | <b>BU</b>    | Battery backup; 90 minutes <i>(25-watt &amp; 37-watt only)</i>                                   |
| <b>VOLTAGE</b>       | <input type="checkbox"/> | <b>UNV</b>   | Universal Voltage (120v-277v) (50/60Hz); electronic dimmable driver                              |
|                      | <input type="checkbox"/> | <b>347V</b>  | 347 Volt (50/60Hz); electronic dimmable driver <i>(25-watt &amp; 37-watt only)</i>               |
| <b>FINISH</b>        | <input type="checkbox"/> | <b>BRZ</b>   | Bronze   |
|                      | <input type="checkbox"/> | <b>CC</b>    | Custom Color - Consult Factory   |



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May-20