

# H.I.D. & CFL ACCENT LIGHTING

## 50 SERIES - HID

### SPECIFICATIONS

#### HOUSING

One-piece heavy wall cast aluminum (A360 alloy; <0.6% copper) construction, pretreated and powder coated. Surface mount and recess mount. Recessed housings are powder coated for use in concrete and have 3/4" N.P.T. conduit taps on lower hemisphere bottom/side walls of housing.

#### DOOR FRAME

Corrosion resistant, precise cast aluminum, low copper (A360 alloy, <0.6% copper) construction with decorative illuminated aperture.

#### OPTICS

Opal tempered glass evenly distribute illumination and eliminates lamp image.

5071 and 5072 units designed with side windows to provide a halo effect on mounting surface.

#### ELECTRICAL COMPONENTS

All electrical components are UL recognized. Electronic MH ballasts are high power factor, -20F starting, 120-277V, 50Hz/60Hz. 347V option utilizes a step down transformer to the electronic ballast. Magnetic MH ballasts are high power factor, -20F starting, multi-tap 120-277V and 347V, 60Hz. HPS ballasts are core and coil, reactor-style, high power factor, -40F starting, 120V. Compact Fluorescent ballast is electronic, 120-277V, 50Hz/60Hz. Electrical components are mounted to a unitized ballast tray inside the body, and factory installed. Ballast assembly connects to optical plate assembly via quick disconnects.

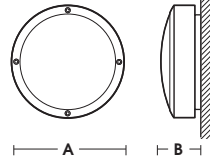
#### FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

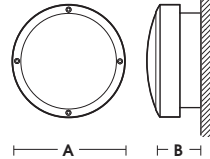
PROJECT NAME: \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_

5051 & 5052



5061 & 5062



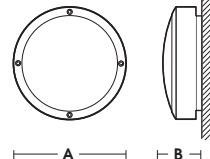
#### SURFACE



|      | A                  | B                 |               |
|------|--------------------|-------------------|---------------|
| 5052 | 10.875"<br>(276mm) | 3.75"<br>(95mm)   | 60 Watt Max.  |
| 5051 | 14"<br>(356mm)     | 4.375"<br>(111mm) | 42 Watt Max.  |
| 5062 | 10.875"<br>(276mm) | 5.5"<br>(140mm)   | 50 Watt Max.  |
| 5061 | 14"<br>(356mm)     | 6.125"<br>(156mm) | 100 Watt Max. |

PATENT PENDING

5071 & 5072



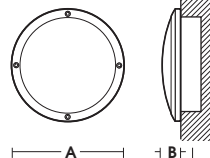
#### SURFACE w/ HALO



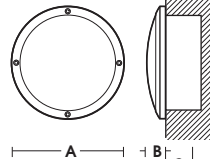
|      | A                  | B                 |              |
|------|--------------------|-------------------|--------------|
| 5072 | 10.875"<br>(276mm) | 3.75"<br>(95mm)   | 60 Watt Max. |
| 5071 | 14"<br>(356mm)     | 4.375"<br>(111mm) | 42 Watt Max. |

PATENT PENDING

5081 & 5082



5091 & 5092



#### RECESSED



|      | A                  | B               | C                |               |
|------|--------------------|-----------------|------------------|---------------|
| 5082 | 10.875"<br>(276mm) | 2"<br>(51mm)    | 1.75"<br>(44mm)  | 60 Watt Max.  |
| 5081 | 14"<br>(356mm)     | 2.5"<br>(64mm)  | 1.875"<br>(48mm) | 48 Watt Max.  |
| 5092 | 10.875"<br>(276mm) | 2"<br>(51mm)    | 3.5"<br>(89mm)   | 50 Watt Max.  |
| 5091 | 14"<br>(356mm)     | 2.65"<br>(67mm) | 3.5"<br>(89mm)   | 100 Watt Max. |

PATENT PENDING

LPC Light Pollution Control Classification System  
Full cutoff 0% Uplight Luminaire

UL U.L. and cUL Listed  
for wet location

MADE IN THE  
USA

2014245

U.S. Architectural Lighting

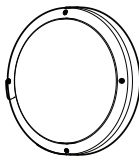
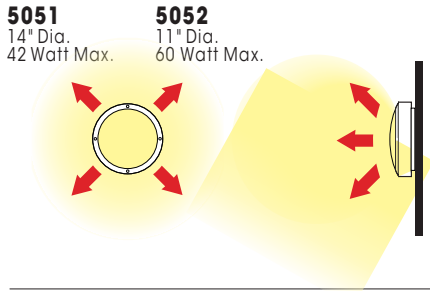
660 West Avenue O, Palmdale, CA 93551  
Phone (661) 233-2000 Fax (661) 233-2001  
www.usallg.com

U.S. ARCHITECTURAL  
LIGHTING

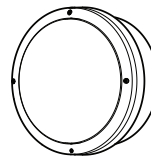
# 50 SERIES - HID

## S P E C I F I C A T I O N S

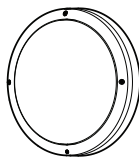
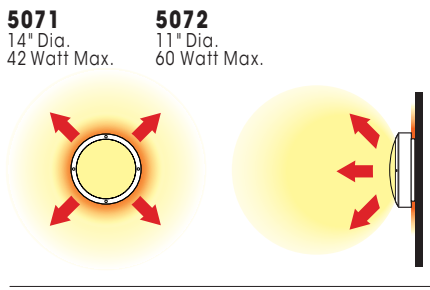
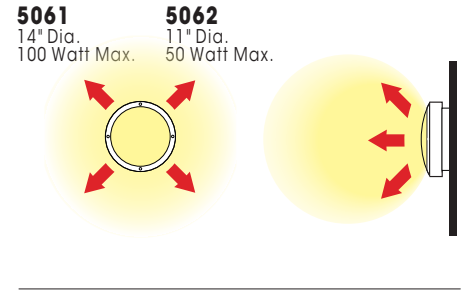
### OPTICAL CONFIGURATIONS



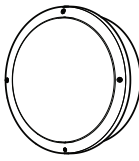
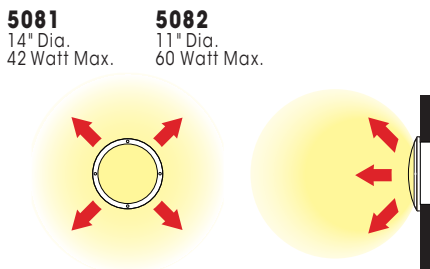
**50 SERIES**  
Surface Mount



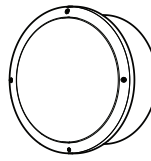
**50 SERIES**  
Surface Mount



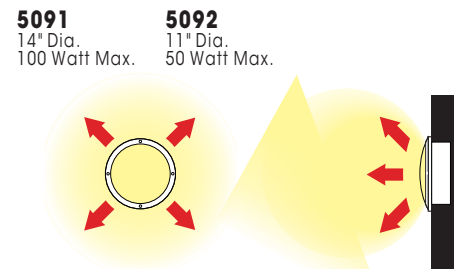
**50 SERIES**  
Surface Mount  
w/ Halo



**50 SERIES**  
Recessed Mount



**50 SERIES**  
Recessed Mount



Spec/Order Example: 5051/42CFL277/RAL-9003-S

## S P E C / O R D E R I N G I N F O R M A T I O N

| MODEL MOUNTING  | WATTAGE  | TYPE  | VOLTAGE   | FINISH   | OPTIONS  |
|---|--|---|---|--|--|
| <b>MODEL MOUNTING</b>   | <b>LAMP MODE</b>   |   |   | <b>FINISH</b>  | <b>OPTIONS</b>   |
| <input type="checkbox"/> <b>5052</b> Surface<br><input type="checkbox"/> <b>5072</b> Surface Halo<br><input type="checkbox"/> <b>5082</b> Recessed<br><small>(COATED LAMPS RECOMMENDED)</small> | <b>WATTAGE</b><br><input type="checkbox"/> <b>60</b><br><input type="checkbox"/> <b>13</b>   | <b>TYPE</b><br><input type="checkbox"/> <b>INC</b> MED. BASE LAMP<br><input type="checkbox"/> <b>CFL</b> GX24q-1 BASE   | <b>VOLTAGE</b><br><input type="checkbox"/> <b>120</b><br><input type="checkbox"/> <b>120</b><br><input type="checkbox"/> <b>277</b>   | <b>STANDARD TEXTURED FINISH</b><br><input type="checkbox"/> <b>BLACK</b> RAL-9005-T<br><input type="checkbox"/> <b>WHITE</b> RAL-9003-T<br><input type="checkbox"/> <b>GREY</b> RAL-7004-T<br><input type="checkbox"/> <b>DARK BRONZE</b> RAL-8019-T<br><input type="checkbox"/> <b>GREEN</b> RAL-6005-T | <input type="checkbox"/> <b>QUARTZ STANDBY</b> (HID UNITS ONLY) ..... <b>QTZ</b><br><input type="checkbox"/> <b>SINGLE FUSE</b> (120V, 277V) ..... <b>SF</b><br><input type="checkbox"/> <b>DOUBLE FUSE</b> (208V, 240V) ..... <b>DF</b> |
| <input type="checkbox"/> <b>5051</b> Surface<br><input type="checkbox"/> <b>5071</b> Surface Halo<br><input type="checkbox"/> <b>5081</b> Recessed  | <input type="checkbox"/> <b>42</b><br><input type="checkbox"/> <b>32</b><br><input type="checkbox"/> <b>28</b><br><input type="checkbox"/> <b>26</b><br><input type="checkbox"/> <b>18</b> | <input type="checkbox"/> <b>CFL*</b><br><small>* 2 GX24q-4 BASE LAMPS PER FIXTURE (SUITABLE FOR T8 - 42W TRIPLE TUBE LAMPS)</small>                               | <input type="checkbox"/> <b>120</b><br><input type="checkbox"/> <b>277</b>  | <input type="checkbox"/> <b>DARK BRONZE</b> RAL-8019-T<br><input type="checkbox"/> <b>GREEN</b> RAL-6005-T   |  |
| <input type="checkbox"/> <b>5062</b> Surface<br><input type="checkbox"/> <b>5092</b> Recessed<br><small>(COATED LAMPS RECOMMENDED)</small>  | <input type="checkbox"/> <b>50</b>   | <input type="checkbox"/> <b>PSMH</b><br><input type="checkbox"/> <b>HPS</b><br><small>MED. BASE LAMP</small>  | <input type="checkbox"/> <b>120</b><br><input type="checkbox"/> <b>208</b><br><input type="checkbox"/> <b>240</b><br><input type="checkbox"/> <b>277</b>  | <small>FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S)</small><br><small>SEE USALTG.COM FOR ADDITIONAL COLORS</small>   |  |
| <input type="checkbox"/> <b>5061</b> Surface<br><input type="checkbox"/> <b>5091</b> Recessed<br><small>(COATED LAMPS RECOMMENDED)</small>  | <input type="checkbox"/> <b>100</b><br><input type="checkbox"/> <b>70</b><br><input type="checkbox"/> <b>50</b>  | <input type="checkbox"/> <b>PSMH</b><br><input type="checkbox"/> <b>HPS</b><br><small>MED. BASE LAMP</small><br><small>CONSULT FACTORY FOR OTHER VOLTAGES</small> | <input type="checkbox"/> <b>120</b><br><input type="checkbox"/> <b>208</b><br><input type="checkbox"/> <b>240</b><br><input type="checkbox"/> <b>277</b><br><input type="checkbox"/> <b>347</b> |  |  |