

PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_  
PRODUCT: \_\_\_\_\_  
APPROVED BY: \_\_\_\_\_

PRODUCT FEATURES

- Intended for Public Areas, Building Facades, Corridors, Stairways, Transportation Settings, Schools, and more
- Round or square shape with three different frame styles: Open, Half Cutoff and Grid
- Surface installation
- UV-stabilized opal polycarbonate lens for maximum durability and diffusion
- Fixture is certified to UL standards by CSA for Wet Locations. IP66 sealed LED compartment. IK10 Listed per IEC60068-2-75
- This product complies with the Buy American Act (BAA)
- The GW Series is covered by the New Star Promise



GW Series

ORDERING INFORMATION

Example: GWRO-LW40-90C-UN-BZ



| GW                                  |                                                                                |                                                                                               |                                                                                                                                                                         |                                                       |
|-------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Series                              | Shape<br>R = Round<br>S = Square                                               | Frame Style<br>O = Open Frame<br>C = Cutoff Frame<br>G = Grid Frame                           | Lumen Output*<br>LW = Low<br>MD = Medium<br>HG = High<br><br>*Subject to change. Performance Data on Page 3.                                                            | Color Temp.<br>30 = 3000K<br>40 = 4000K<br>50 = 5000K |
| CRI<br>80C = 80 CRI<br>90C = 90 CRI | Voltage<br>34 = 347V*<br>UN = Universal (120V-277V)<br><br>*N/A with HG Output | Finish<br>BZ = Bronze<br>WH = White<br>CC = Custom Color*<br><br>*Subject to additional fees. | Options<br>FZ =Single Fuse (120-277V)<br>EL = Emergency Battery<br>PC = Photocell Sensor (120-277V)<br>MWS = On/Off Microwave Sensor (120-277V)<br>PH = Phillips screws |                                                       |

## SPECIFICATIONS

**CONSTRUCTION:** Die-cast aluminum frame and backplate with integral heat sink. Available in a round or square shape with an open, cutoff or grid frame. Nickel-plate stainless steel hardware.

**LENS:** .125" Opal UV-stabilized polycarbonate lens for maximum diffusion.

**LED:** Available in three color temperatures 3000K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C temperature ambient environment, compliant with IES LM-80 testing standards.

**ELECTRICAL :** 0-10V Dimming available with 10-100% range standard. Standard internal surge protection 2kV. Optional photocell control. Note, fixtures are not designed for use with line voltage dimmers.

**FASTENERS:** Tamper-resistant Torx® head fasteners with center pin reject. Optional Phillips screws available.

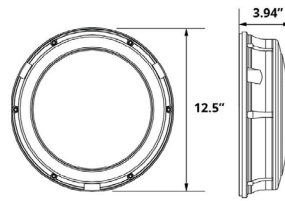
**FINISH:** Durable textured architectural bronze polyester powder coat finish following multi-stage iron phosphate pretreatment. Optional white finish. Custom colors available (subject to set-up charges).

**INSTALLATION:** Surface mount (hardware by others). Recommended mounting heights are 8 to 20 feet. Conduit knockouts are located on the side and top of unit.

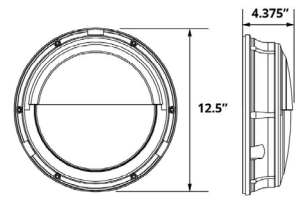
**LABEL:** Fixture is certified to UL standards by CSA for Wet Locations. IP66 sealed LED compartment. IK10 Listed per IEC60068-2-75. This product complies with the Buy American Act.

## DIMENSIONAL DATA

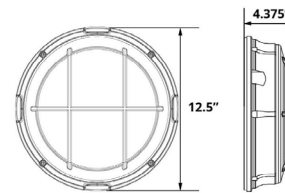
\*Dimensions are subject to change without notice.



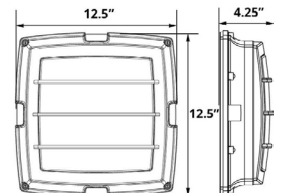
Round Open (GWRO)



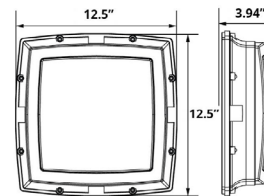
Round Cutoff (GWRC)



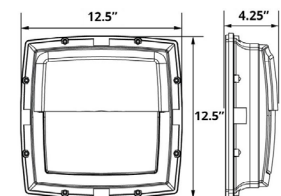
Round Grid (GWRG)



Square Grid (GWSG)



Square Open (GWSO)



Square Cutoff (GWSC)



The Safeguard Wall Pack Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.



**New Star Lighting**

2225 W Pershing Rd, Chicago, IL 60609  
(773) 847-1400  
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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## PERFORMANCE DATA

\*LEDs are frequently updated therefore values may change without notice.

| SERIES                 | OUTPUT      | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (lm/W) | INPUT POWER (W) |
|------------------------|-------------|-------------|------------------|-----------------|-----------------|
| GWRO =<br>Round Open   | LW = Low    | 3000K       | 1586             | 132             | 12              |
|                        |             | 4000K       | 1720             | 143             | 12              |
|                        |             | 5000K       | 1792             | 149             | 12              |
|                        | MD = Medium | 3000K       | 2220             | 131             | 17              |
|                        |             | 4000K       | 2408             | 142             | 17              |
|                        |             | 5000K       | 2509             | 148             | 17              |
|                        | HG = High   | 3000K       | 3300             | 132             | 25              |
|                        |             | 4000K       | 3613             | 145             | 25              |
|                        |             | 5000K       | 3763             | 151             | 25              |
| GWRC =<br>Round Cutoff | LW = Low    | 3000K       | 1321             | 110             | 12              |
|                        |             | 4000K       | 1433             | 119             | 12              |
|                        |             | 5000K       | 1493             | 124             | 12              |
|                        | MD = Medium | 3000K       | 1850             | 109             | 17              |
|                        |             | 4000K       | 2007             | 118             | 17              |
|                        |             | 5000K       | 2090             | 123             | 17              |
|                        | HG = High   | 3000K       | 2775             | 111             | 25              |
|                        |             | 4000K       | 3010             | 120             | 25              |
|                        |             | 5000K       | 3135             | 125             | 25              |
| GWRG =<br>Round Grid   | LW = Low    | 3000K       | 1349             | 112             | 12              |
|                        |             | 4000K       | 1463             | 122             | 12              |
|                        |             | 5000K       | 1524             | 127             | 12              |
|                        | MD = Medium | 3000K       | 1888             | 111             | 17              |
|                        |             | 4000K       | 2048             | 120             | 17              |
|                        |             | 5000K       | 2134             | 126             | 17              |
|                        | HG = High   | 3000K       | 2832             | 113             | 25              |
|                        |             | 4000K       | 3073             | 123             | 25              |
|                        |             | 5000K       | 3201             | 128             | 25              |
| GWSO =<br>Square Open  | LW = Low    | 3000K       | 1545             | 129             | 12              |
|                        |             | 4000K       | 1676             | 140             | 12              |
|                        |             | 5000K       | 1746             | 146             | 12              |
|                        | MD = Medium | 3000K       | 2163             | 127             | 17              |
|                        |             | 4000K       | 2347             | 138             | 17              |
|                        |             | 5000K       | 2444             | 144             | 17              |
|                        | HG = High   | 3000K       | 3245             | 130             | 25              |
|                        |             | 4000K       | 3520             | 141             | 25              |
|                        |             | 5000K       | 3667             | 147             | 25              |



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## PERFORMANCE DATA CONT.

\*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

| SERIES                  | OUTPUT      | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (lm/W) | INPUT POWER (W) |
|-------------------------|-------------|-------------|------------------|-----------------|-----------------|
| GWSC =<br>Square Cutoff | LW = Low    | 4000K       | 1535             | 128             | 12              |
|                         |             | 5000K       | 1599             | 133             | 12              |
|                         | MD = Medium | 4000K       | 2149             | 126             | 17              |
|                         |             | 5000K       | 2238             | 132             | 17              |
|                         | HG = High   | 4000K       | 3223             | 129             | 25              |
|                         |             | 5000K       | 3358             | 134             | 25              |
| GWSG =<br>Square Grid   | LW = Low    | 3000K       | 1313             | 109             | 12              |
|                         |             | 4000K       | 1424             | 119             | 12              |
|                         |             | 5000K       | 1483             | 124             | 12              |
|                         | MD = Medium | 3000K       | 1838             | 108             | 17              |
|                         |             | 4000K       | 1994             | 117             | 17              |
|                         |             | 5000K       | 2077             | 122             | 17              |
|                         | HG = High   | 3000K       | 2757             | 110             | 25              |
|                         |             | 4000K       | 2990             | 120             | 25              |
|                         |             | 5000K       | 3115             | 125             | 25              |



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