

|                |      |
|----------------|------|
| Catalog Number |      |
| Notes          | Type |

## GMLB3

GlasWerks® Prismatic LED Milan®



### SPECIFICATIONS

#### General Description

This architectural luminaire consists of a borosilicate glass refractor coupled with a spun aluminum housing.

#### Optical Assembly

The optical assembly consists of a prismatic glass refractor to precisely distribute light with excellent visual comfort and reduced glare. Configurable with CCT options of 2700K, 3000K, and 4000K. CRI is 70 minimum. Available with many different form factors and optical distributions

#### Electrical Assembly

The cast aluminum electrical housing has a smooth domed contour. A (3) station terminal block is provided to accept #14 through #2 size wire. The electrical housing is hinged with a tool-less latch to provide easy access to the gear assembly. The unitized electrical assembly, containing the electronic driver and other electrical components, plugs into the quick disconnect receptacle. Programmable LED driver with 0-10V dimming. Optional DALI dimming. Driver life is rated to at least 100,000 hours.

#### Mounting Style

Optional mounting styles include Quick Lock Stem, NPT threads, and horizontal arm.

Quick Lock Stem Mounting style includes a welded stem for fast installation and is compatible with the following leveling fitters:

- Boston Harbor Decorative Arm Fitter (BHDF)
- GlasWerks Decorative Arm Fitter (GWDF)
- West Liberty Decorative Arm Fitter (WLDF)
- Ball Style Decorative Arm Fitter (BADF)

The arm mount version is provided with two U-bolts with washers and nuts and two leveling set screws that lock the housing to a 2" nominal (Ø2-3/8" O.D.) horizontal arm and allow a ±5° degree adjustment from horizontal to the cover.

#### Finish

Aluminum housing is finished with corrosion resistant super durable powder coat paint for maximum durability. Finish is rated to 5,000 hour salt spray per ASTM B117.

#### Listing

The luminaire is CSA certified to US and Canadian standards. 20kV/10kA extreme surge protection per ANSI/IEEE C136.2. Suitable for operation in ambient temperatures from -40°C to 40°C. Optical chamber is sealed to IP66.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

#### Government Procurement

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

#### Warranty

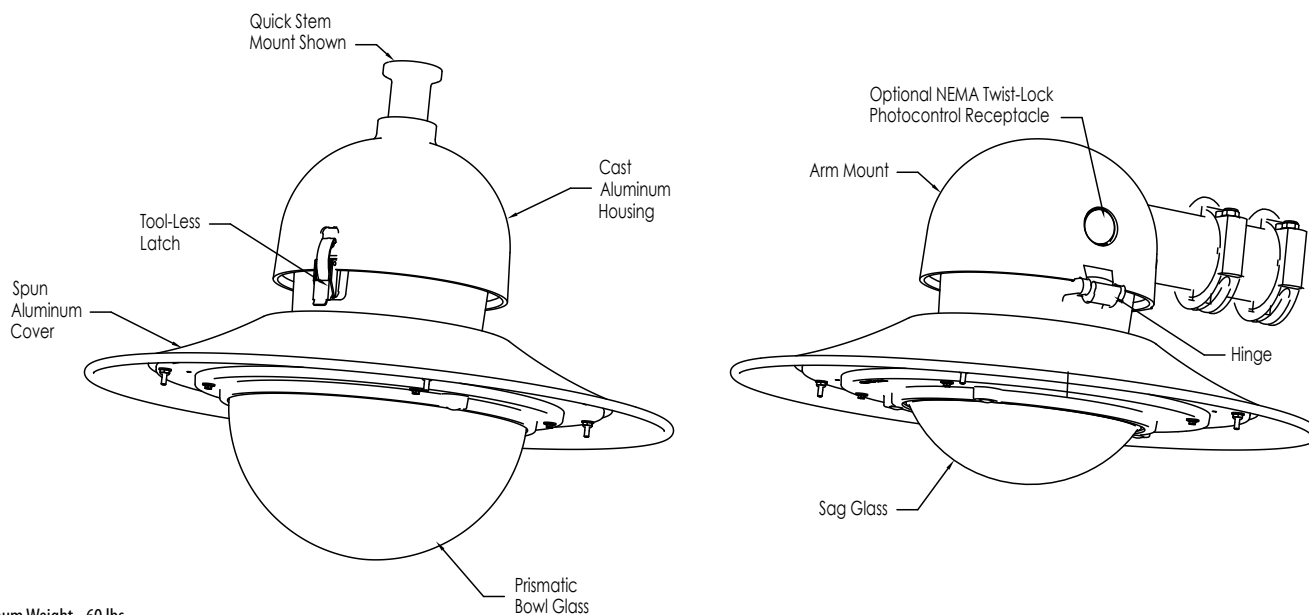
Limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specification subject to change without notice.

### DIMENSIONAL DATA



Maximum Weight - 60 lbs

Maximum Effective Projected Area - 1.70 ft²

GMLB3

GlasWerks® Prismatic LED Milan®



ORDERING INFORMATION

Example: GMLB3 P20 30K MVOLT BG3 QSM BK

| Product Series | Lumen Package               | Color Temperature | Voltage                     | Optics                           | Mounting             | Color       |
|----------------|-----------------------------|-------------------|-----------------------------|----------------------------------|----------------------|-------------|
| GMLB3 Milan®   | P10 P10 Performance Package | 27K 2700K         | MVOLT Auto-sensing 120-277V | BG3 Bowl Glass, Type 3           | ARM Arm Mount        | BK Black    |
|                | P20 P20 Performance Package | 30K 3000K         | HVOLT Auto-sensing 347-480V | BG5 Bowl Glass, Type 5           | NPT Pendant 1.5" NPT | BZ Bronze   |
|                | P30 P30 Performance Package | 40K 4000K         |                             | TG4 Teardrop Glass, Type 4       | QSM Quick Stem Mount | GH Graphite |
|                | P40 P40 Performance Package |                   |                             | SC2 Small Cylinder Glass, Type 2 |                      | GN Green    |
|                |                             |                   |                             | SC3 Small Cylinder Glass, Type 3 |                      | GR Gray     |
|                |                             |                   |                             | SC5 Small Cylinder Glass, Type 5 |                      | WH White    |
|                |                             |                   |                             | LC3 Large Cylinder Glass, Type 3 |                      |             |
|                |                             |                   |                             | LC5 Large Cylinder Glass, Type 5 |                      |             |
|                |                             |                   |                             | SG3 Sag Glass, Type 3            |                      |             |
|                |                             |                   |                             | SG5 Sag Glass, Type 5            |                      |             |

| Options                                                  |  |                                                        |  |                              |  |
|----------------------------------------------------------|--|--------------------------------------------------------|--|------------------------------|--|
| <u>Photocontrol Receptacle:</u>                          |  | <u>Photocontrol:</u>                                   |  | <u>Dimming Options:</u>      |  |
| PR7 7-pin NEMA twistlock photocontrol receptacle         |  | PCLL DTL solid state long life photocontrol (120-277V) |  | AO Adjustable Output Module  |  |
| PR7E Prepared for external 7-pin photocontrol receptacle |  | P34 Solid state long life photocontrol (347V)          |  | DALI DALI driver             |  |
|                                                          |  | P48 Solid state long life photocontrol (480V)          |  |                              |  |
|                                                          |  | SH Shorting Cap                                        |  |                              |  |
|                                                          |  |                                                        |  | <u>Prewire Lead Options:</u> |  |
|                                                          |  |                                                        |  | L03 3' of prewired leads     |  |
|                                                          |  |                                                        |  | L10 10' of prewired leads    |  |
|                                                          |  |                                                        |  | L20 20' of prewired leads    |  |
|                                                          |  |                                                        |  | L25 25' of prewired leads    |  |
|                                                          |  |                                                        |  | L30 30' of prewired leads    |  |
|                                                          |  |                                                        |  | <u>NEMA Label Option:</u>    |  |
|                                                          |  |                                                        |  | NL1X1 1" x 1" NEMA Label     |  |
|                                                          |  |                                                        |  | NL3X3 3" x 3" NEMA Label     |  |

OPTIONS MATRIX

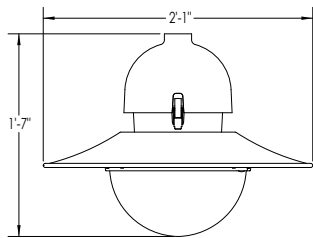
|                 |       | Lumen Package |     |     |     | Voltage |       | Receptacle |      | Photocontrol |     |     |     | Dimming Options |      |
|-----------------|-------|---------------|-----|-----|-----|---------|-------|------------|------|--------------|-----|-----|-----|-----------------|------|
|                 |       | P10           | P20 | P30 | P40 | MVOLT   | HVOLT | PR7        | PR7E | PCLL         | P34 | P48 | SH  | AO              | DALI |
| Lumen Package   | P10   |               | N   | N   | N   | Y       | Y     | Y          | Y    | Y            | Y   | Y   | Y   | Y               | RFD  |
|                 | P20   | N             |     | N   | N   | Y       | Y     | Y          | Y    | Y            | Y   | Y   | Y   | Y               | RFD  |
|                 | P30   | N             | N   |     | N   | Y       | Y     | Y          | Y    | Y            | Y   | Y   | Y   | Y               | RFD  |
|                 | P40   | N             | N   | N   |     | Y       | Y     | Y          | Y    | Y            | Y   | Y   | Y   | Y               | RFD  |
| Voltage         | MVOLT | Y             | Y   | Y   | Y   |         | N     | Y          | Y    | Y            | N   | N   | Y   | Y               | RFD  |
|                 | HVOLT | Y             | Y   | Y   | Y   | N       |       | Y          | Y    | N            | Y   | Y   | Y   | Y               | N    |
| Receptacle      | PR7   | Y             | Y   | Y   | Y   | Y       | Y     |            | N    | Y            | Y   | Y   | Y   | Y               | RFD  |
|                 | PR7E  | Y             | Y   | Y   | Y   | Y       | Y     | N          |      | Y            | Y   | Y   | Y   | Y               | RFD  |
| Photocontrol    | PCLL  | Y             | Y   | Y   | Y   | Y       |       | Y          | Y    |              |     |     | N   | Y               | RFD  |
|                 | P34   | Y             | Y   | Y   | Y   | N       | Y     | Y          | Y    | N            |     |     | N   | Y               | RFD  |
|                 | P48   | Y             | Y   | Y   | Y   | N       | Y     | Y          | Y    | N            | N   |     | N   | Y               | RFD  |
|                 | SH    | Y             | Y   | Y   | Y   | Y       | Y     | Y          | Y    | N            | N   | N   |     | Y               | RFD  |
| Dimming Options | AO    | Y             | Y   | Y   | Y   | Y       | Y     | Y          | Y    | Y            | Y   | Y   | Y   |                 | N    |
|                 | DALI  | RFD           | RFD | RFD | RFD | RFD     | N     | RFD        | RFD  | RFD          | RFD | RFD | RFD | N               |      |

Y = combination is available  
N = combination is not available  
RFD = consult factory, additional information required

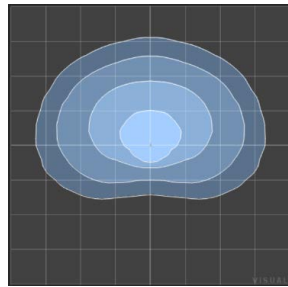
## PERFORMANCE DATA

| Performance Package | Wattage | Optical Distribution | 2700K  |     | 3000K  |     | 4000K  |     |
|---------------------|---------|----------------------|--------|-----|--------|-----|--------|-----|
|                     |         |                      | Lumens | LPW | Lumens | LPW | Lumens | LPW |
| P10                 | 24      | BG3                  | 2,738  | 113 | 3,084  | 127 | 3,205  | 132 |
|                     |         | TG4                  | 2,627  | 108 | 2,959  | 122 | 3,075  | 127 |
|                     |         | BG5                  | 2,814  | 116 | 3,171  | 131 | 3,294  | 136 |
|                     |         | SC2                  | 2,817  | 116 | 3,173  | 131 | 3,297  | 136 |
|                     |         | SC3                  | 2,970  | 123 | 3,346  | 138 | 3,477  | 143 |
|                     |         | SC5                  | 3,183  | 131 | 3,585  | 148 | 3,725  | 154 |
|                     |         | LC3                  | 2,519  | 104 | 2,837  | 117 | 2,948  | 122 |
|                     |         | LC5                  | 2,592  | 107 | 2,920  | 120 | 3,034  | 125 |
|                     |         | SG3                  | 2,713  | 112 | 3,057  | 126 | 3,176  | 131 |
|                     |         | SG5                  | 2,920  | 120 | 3,289  | 136 | 3,418  | 141 |
| P20                 | 36      | BG3                  | 4,010  | 110 | 4,517  | 124 | 4,693  | 129 |
|                     |         | TG4                  | 3,847  | 106 | 4,334  | 119 | 4,503  | 124 |
|                     |         | BG5                  | 4,122  | 114 | 4,643  | 128 | 4,824  | 133 |
|                     |         | SC2                  | 4,125  | 114 | 4,647  | 128 | 4,828  | 133 |
|                     |         | SC3                  | 4,350  | 120 | 4,900  | 135 | 5,091  | 140 |
|                     |         | SC5                  | 4,661  | 128 | 5,251  | 145 | 5,455  | 150 |
|                     |         | LC3                  | 3,689  | 102 | 4,155  | 114 | 4,317  | 119 |
|                     |         | LC5                  | 3,796  | 105 | 4,276  | 118 | 4,443  | 122 |
|                     |         | SG3                  | 3,974  | 109 | 4,476  | 123 | 4,651  | 128 |
|                     |         | SG5                  | 4,276  | 118 | 4,817  | 133 | 5,005  | 138 |
| P30                 | 50      | BG3                  | 5,218  | 105 | 5,878  | 119 | 6,107  | 123 |
|                     |         | TG4                  | 5,006  | 101 | 5,640  | 114 | 5,859  | 118 |
|                     |         | BG5                  | 5,363  | 108 | 6,042  | 122 | 6,277  | 127 |
|                     |         | SC2                  | 5,368  | 108 | 6,047  | 122 | 6,282  | 127 |
|                     |         | SC3                  | 5,661  | 114 | 6,377  | 129 | 6,625  | 134 |
|                     |         | SC5                  | 6,065  | 122 | 6,832  | 138 | 7,099  | 143 |
|                     |         | LC3                  | 4,800  | 97  | 5,407  | 109 | 5,618  | 113 |
|                     |         | LC5                  | 4,940  | 100 | 5,565  | 112 | 5,782  | 117 |
|                     |         | SG3                  | 5,171  | 104 | 5,825  | 118 | 6,052  | 122 |
|                     |         | SG5                  | 5,565  | 112 | 6,269  | 127 | 6,513  | 131 |
| P40                 | 62      | BG3                  | 6,467  | 104 | 7,285  | 117 | 7,569  | 122 |
|                     |         | TG4                  | 6,205  | 100 | 6,990  | 112 | 7,262  | 117 |
|                     |         | BG5                  | 6,647  | 107 | 7,488  | 120 | 7,780  | 125 |
|                     |         | SC2                  | 6,653  | 107 | 7,494  | 120 | 7,786  | 125 |
|                     |         | SC3                  | 7,016  | 113 | 7,903  | 127 | 8,211  | 132 |
|                     |         | SC5                  | 7,517  | 121 | 8,468  | 136 | 8,798  | 141 |
|                     |         | LC3                  | 5,949  | 96  | 6,701  | 108 | 6,963  | 112 |
|                     |         | LC5                  | 6,122  | 98  | 6,897  | 111 | 7,166  | 115 |
|                     |         | SG3                  | 6,409  | 103 | 7,219  | 116 | 7,501  | 121 |
|                     |         | SG5                  | 6,897  | 111 | 7,769  | 125 | 8,072  | 130 |

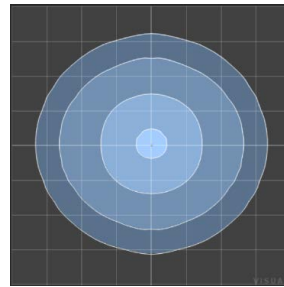
## OPTICAL DISTRIBUTIONS



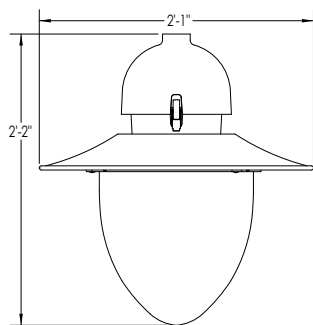
**Bowl Glass**



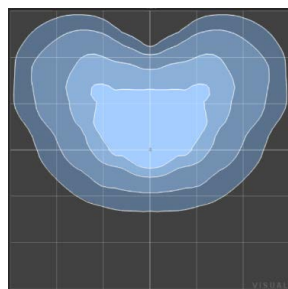
**BG3**



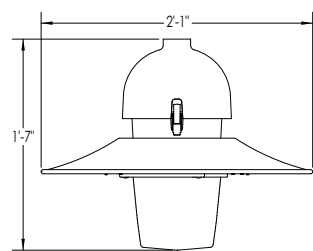
**BG5**



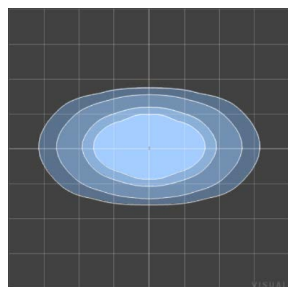
**Teardrop Glass**



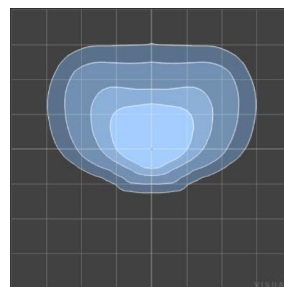
**TG4**



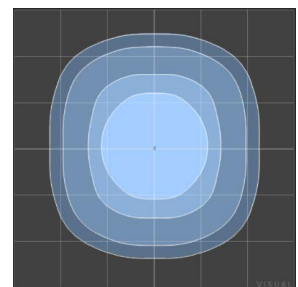
**Small Cylinder Glass**



**SC2**

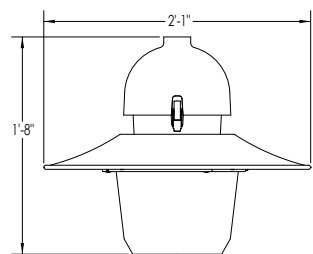


**SC3**

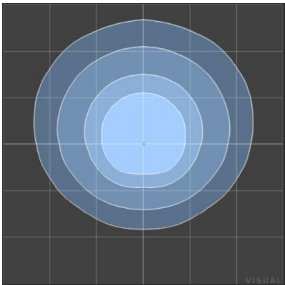


**SC5**

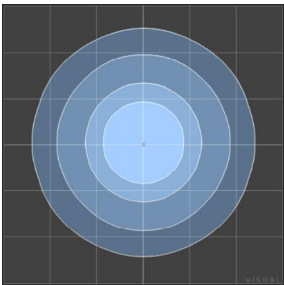
OPTICAL DISTRIBUTIONS



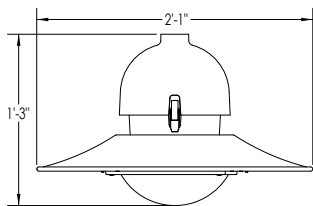
Large Cylinder Glass



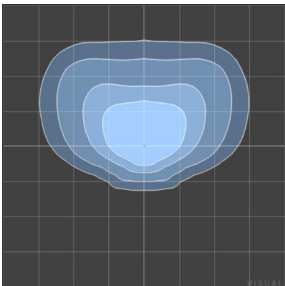
LC3



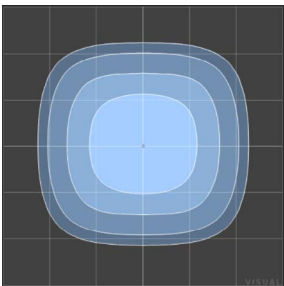
LC5



Sag Glass



SG3



SG5

| LED Lumen Maintenance |              |              |              |              |              |               |
|-----------------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Lumen Package         | 25,000 hours | 36,000 hours | 50,000 hours | 60,000 hours | 75,000 hours | 100,000 hours |
| All                   | 0.96         | 0.94         | 0.92         | <i>0.91</i>  | <i>0.89</i>  | <i>0.85</i>   |

Lumen maintenance calculated according to TM-21 at 25°C ambient. Italicized values are extrapolated beyond the standard.

| Adjustable Output (AO) Response |                |           |
|---------------------------------|----------------|-----------|
| AO Setting                      | % Lumen Output | % Wattage |
| 8                               | 100%           | 100%      |
| 7                               | 88%            | 87%       |
| 6                               | 76%            | 74%       |
| 5                               | 64%            | 61%       |
| 4                               | 56%            | 53%       |
| 3                               | 39%            | 35%       |
| 2                               | 27%            | 22%       |
| 1                               | 21%            | 16%       |

| Luminaire Ambient Temperature Factor |                       |
|--------------------------------------|-----------------------|
| Ambient Temperature                  | Relative Lumen Output |
| 0°C                                  | 1.02                  |
| 15°C                                 | 1.01                  |
| 20°C                                 | 1.01                  |
| 25°C                                 | 1.00                  |
| 30°C                                 | 0.99                  |
| 35°C                                 | 0.99                  |
| 40°C                                 | 0.98                  |