SUN VALLEY LIGHTING

AREA & ROADWAY LIGHTING

GLR SERIES - LED

Luminaire
Prismatic borosilicate glass refracting lens. Heavy gauge, corrosion resistant cast aluminum base. Top is hinged for access. Luminaire base has 3″ I.D. opening for tenon. All hardware is stainless steel.

LED Power Array
Array of individual LED Tubes fastened to retaining plates. Each LED Tube consists of circuit board populated with a multiple of LED's covered with a gasketed acrylic lens and mechanically fastened to an extruded aluminum heatsink. Tubes are sealed to a an IP65 Standard. Power Array emits a symmetric, radial distribution which is optically controlled by the refracting globe to provide Type-III or Type-V distributions.

LED Emitters
High Power White LED's are driven between 350mA and 700mA for a maximum output of 2 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K) . All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L93 at 100,000 hours (TM-21 calculated at 6x Test Time).

LED Driver
Constant current electronic with a power factor of >0.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized.   Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. 0-10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field installation.

True Amber LED's: TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-595nm. True Amber has neglible blue light and is suitable for wildlife.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

15.5" DIA.
394mm

31.5"
800mm

3" I.D.
(76mm)

GLR

(Shown w/ -YD Fitter)

15.5" DIA.
(394mm)

32"
(813mm)

3" I.D.
(76mm)

GLRC

(Shown w/ -YD Fitter)

BABA compliant

U.L. Listed for Wet Location

2023173

U.S. Pole Company Inc | 660 West Avenue O, Palmdale, CA 93551
An Employee Owned Company | Phone (661) 233-2000   www.usaltg.com

MADE IN THE USA
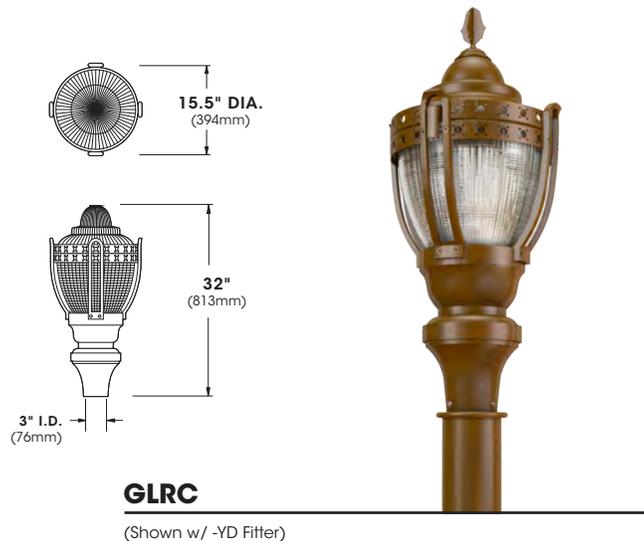
SPECIFICATIONS

OPTIONAL FITTERS

-YD
(Standard)

-YC

-YE

All Fitters Available with Mini-Button Photocells. YD & YE available with Twist-Lock Photocells.

WALL MOUNT

18" (457mm)

5" (127mm)

12" (305mm)
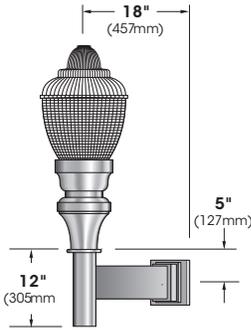
Extruded aluminum arm bracket and cast aluminum wall bracket.

WALL PLATE

7" Sq. (178mm)

5.5" (140mm)

5.5" (140mm)

.50" Dia. (13mm) (4) Holes
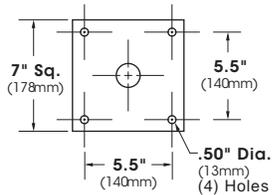
EPA & WEIGHT

GLR
Max Weight = 46 lbs
Max EPA = 1.39
48 LED Max

GLRC
Max Weight = 51 lbs
Max EPA = 1.50
48 LED Max

POWER ARRAY™ MODULES

POWER ARRAY™ 8 Tube Array

48LED   32 LED
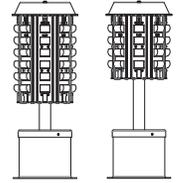
ACCESSORIES

Brass Finial — **BF**

Ornamental Finial — **OF**

Decorative Aluminum Hood — **H**

ORDERING INFORMATION

Spec/Order Example: GLR/PA-V/32LED/175mA/27K/UNV/WM/RAL-7005-T/CA/HS

Luminaire	Optics	# of LED's	Drive Current	CCT	Voltage	Mounting	Finish	Options

Luminaire

☐ GLR-YC
☐ GLR-YD
☐ GLR-YE

☐ GLRC-YC
☐ GLRC-YD
☐ GLRC-YE

Optics

Power Array
(Glass Refractive Globe)

☐ PA - III
☐ PA - V

LED

# of LED's
☐ 48LED
☐ 32LED

Drive Current
☐ 175mA
☐ 350mA
☐ 525mA
☐ 700mA

Color Temp-CCT
☐ 27K (2700K)
☐ 30K (3000K)
☐ 40K (4000K)
☐ 50K (5000K)

Consult Factory for Other LED Color, CCT, & CRI Options

☐ **TRA** True Amber*

*TRA Available only in 350mA and 525mA Drive Currents

Voltage

Voltage
☐ UNV (120-277)
☐ 347
☐ 480

Mounting

Arm Mount
☐ 1
☐ 2-180
☐ 2-90
☐ 3-90
☐ 3-120
☐ 4-90

Wall Mount
☐ WM

Post Top
☐ PT

Finish

Standard Textured Finish
☐ Black **RAL-9005-T**
☐ White **RAL-9003-T**
☐ Grey **RAL-7004-T**
☐ Dark Bronze **RAL-8019-T**
☐ Green **RAL-6005-T**

Premium Finishes
☐ Rust
☐ Patina Copper **PC**

For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)

Consult factor for custom colors

Options

☐ Brass Finial — **BF**
☐ Ornamental Finial — **OF**
☐ Decorative Aluminum Hood — **H**
☐ House Side Shield — **HS**
☐ High-Low Dimming for Switch (BY OTHERS) Select 25/100 Or 50/100 (EX HLSW25) — **HLSW**∗∗
☐ Pole Mounted Bluetooth Photo/Motion Sensor. (Factory 50/100 Motion Photo 75 fc) — **MS-F311**
☐ Mini-Button Photocell + Voltage — **PC+V**
☐ Single Fuse — **SF**
☐ Double Fuse — **DF**

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