

Date \_\_\_\_\_ Specifier \_\_\_\_\_ Project \_\_\_\_\_ Type \_\_\_\_\_

# ADENA ROUND



Protected by U.S. Patent  
 10,595,650

**Patented unparallelled glare control for optical ease and enjoyment**

**Incomparable space-volume light coverage**

**Available in two dedicated optical distributions for enhanced presentation**

## Application



Cabinet and display stand



Asymmetric lighting

## Light output

### Standard light output

(Based on below reference configuration)

| Reference configuration |     |        | Reference LFD |                         | Efficacy |
|-------------------------|-----|--------|---------------|-------------------------|----------|
| CCT                     | CRI | FINISH | W/ft          | Lum. Flux Density (LFD) |          |
| 3500K                   | 80  | PC     | 7.5           | 630 lm/ft (2070 lm/m)   | 86 lm/W  |

### Total Light Loss Factor (TLLF) calculation

| CCT/CRI table |     |      |       |     |      |
|---------------|-----|------|-------|-----|------|
| CCT           | CRI | LLF  | CCT   | CRI | LLF  |
| 2700K         | 80  | 0.96 | 3500K | 80  | 1.00 |
| 3000K         | 80  | 1.00 | 4000K | 80  | 1.03 |

CCT/CRI LLF = TLLF

### Actual light output

| Example configuration |     | Reference LFD |                         | Actual LFD              |
|-----------------------|-----|---------------|-------------------------|-------------------------|
| CCT                   | CRI | W/ft          | Lum. Flux Density (LFD) | Lum. Flux Density (LFD) |
| 4000K                 | 80  | 7.5           | 630 lm/ft (2070 lm/m)   | 650 lm/ft (2130 lm/m)   |
| 1.03                  |     | =             |                         | TLLF 1.03               |

## Optical distributions

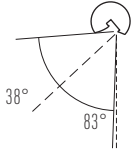
### Distinct

DIS

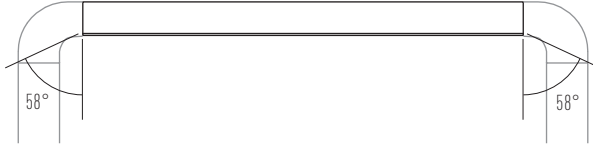
12V

#### LIGHT BEAM

SIDE VIEW



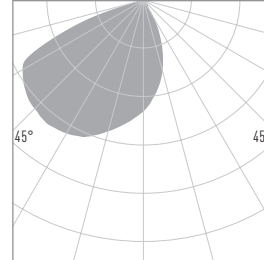
FRONT VIEW



PERCEPTION OF UNIFORMITY



#### LIGHT DISTRIBUTION



Beam angle 83°  
Tilt angle 38°  
Ext. spread 65°

297 Cd, 633 delivered lumens @12"

#### LIGHT APPLICATION



Best suitable for multifaceted jewelry and crystal.

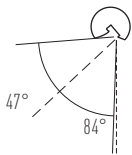
### High-Resolution

HR

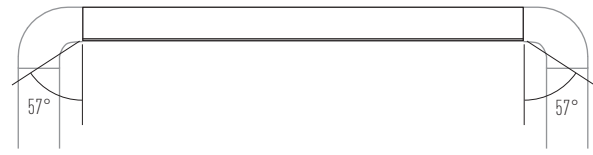
24V

#### LIGHT BEAM

SIDE VIEW



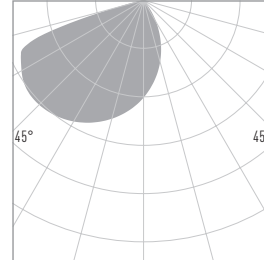
FRONT VIEW



PERCEPTION OF UNIFORMITY



#### LIGHT DISTRIBUTION



Beam angle 84°  
Tilt angle 47°  
Ext. spread 65°

294 Cd, 632 delivered lumens @12"

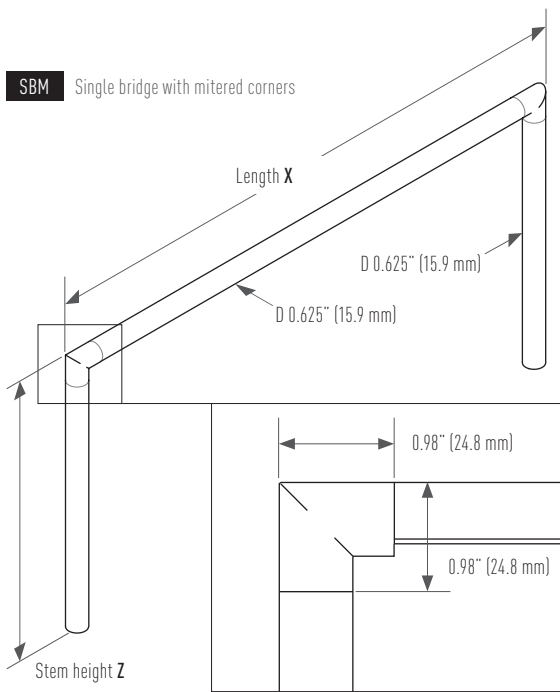
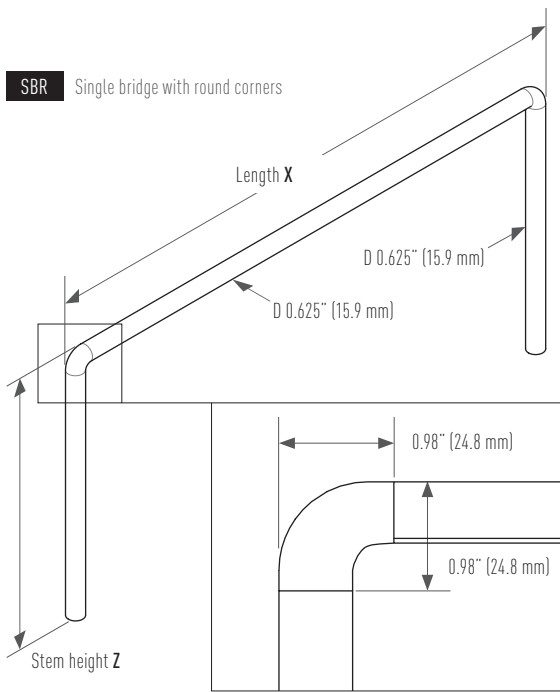
#### LIGHT APPLICATION



Best suitable for reflective surfaces, fabric and leather.

# Physical

## GENERAL DIMENSIONS



## Finish

**ABK** Matte black



**MW** Matte white



**PC** Polished chrome



**PN** Polished nickel



**PB** Polished brass



**BB** Brushed brass



**PBKN** Polished black nickel



**PG** Polished gold



## Construction

Aluminium body

## Weight

Fixture 0.23 lbs/ft (345 g/m)

Stem 0.26 lbs/ft (390 g/m)

## Dimensions specifications

Length 10.0" to 56.0" or 74.0"

(depending on finish, see below)

Height 3.0" to 12.0" (limited by design)

All customizable in 0.1" increments

(see table on last page for metric equivalences)

## Ingress protection

IP40

## Operating ambient temperature

0 °C to 40 °C

## Storage temperature

0 °C to 40 °C at 50% humidity.

## Electrical

**i** This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

**Power Supply**

12 VDC (Distinct) or 24 VDC (High-Resolution)  
Constant Voltage | PWM (if dimmable) | Remote Installation

**Recommended driver:** Eclipse Light Manager LM-12V-60W-[...] or LM-24V-100W-[...] (depending on product light source)  
[1% dim in 0-10V / DALI / Ecosystem]

MODULE CURRENT REGULATION

**PASSIVE**

DRIVER COMPATIBILITY

**UNIVERSAL\***

*\*following driver spec. req., works with all models*

**Input Voltage** 12 VDC in Constant Voltage (Distinct optical distribution)  
24 VDC in Constant Voltage (High-Resolution optical distribution)

**Power Density** 7.5 W/ft (24 W/m)

**Dimming** Capable of operating down to 0.1%  
*[depends on driver performance/limitations]*

**Wiring** Red(+)/Black(-) wires, 12"-long, 22 AWG, UL Listed, AWM style 1118, polarized.

**Safety Information** cULus Listed, CE, SELV, Class 2, Dry Location

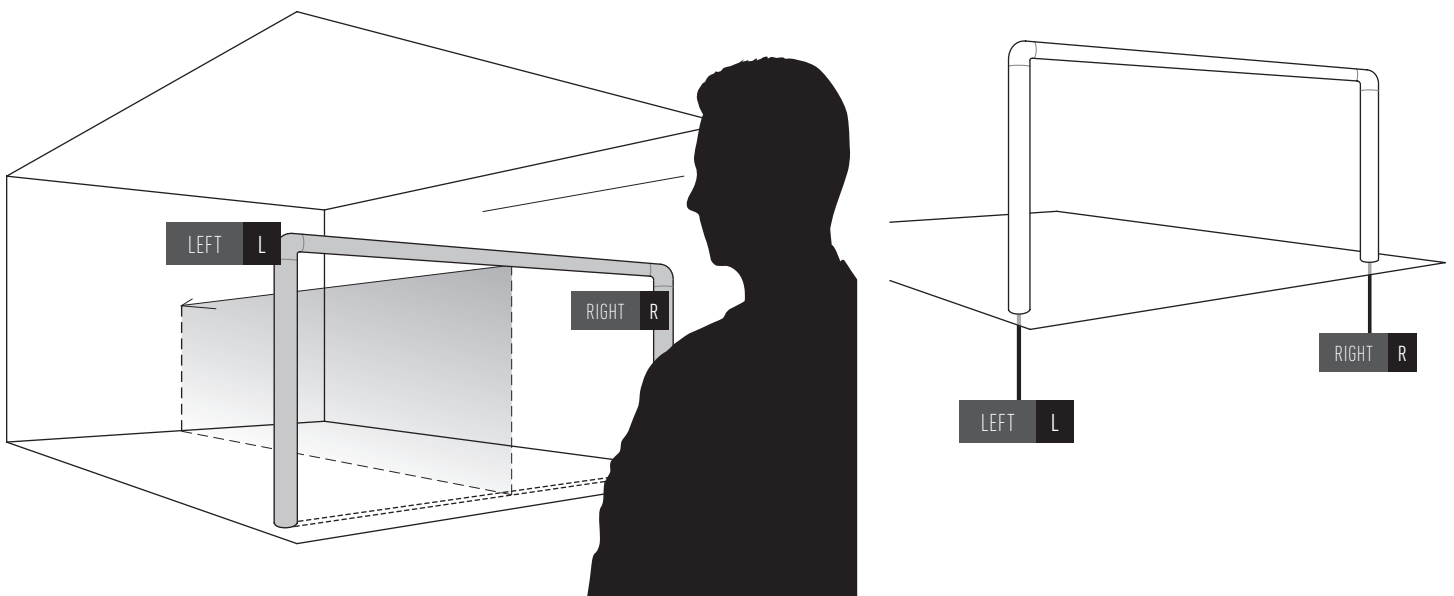
**Installation** Install/connect before powering on. Screw/Nuts mounted installation using included hardware, wires and convenient Wago 221 connectors. Safe for skin contact during operation, although some users may feel discomfort. Power off before maintenance.

**Cable limit** Voltage loss tolerance due to remote driver cable course, up to -2.5 Volts. See **LIGHT MANAGER** spec for max. cable length table per AWG.

**Applications** Designed for showcases, displays for retail/commercial, museum and exhibits and similar applications.

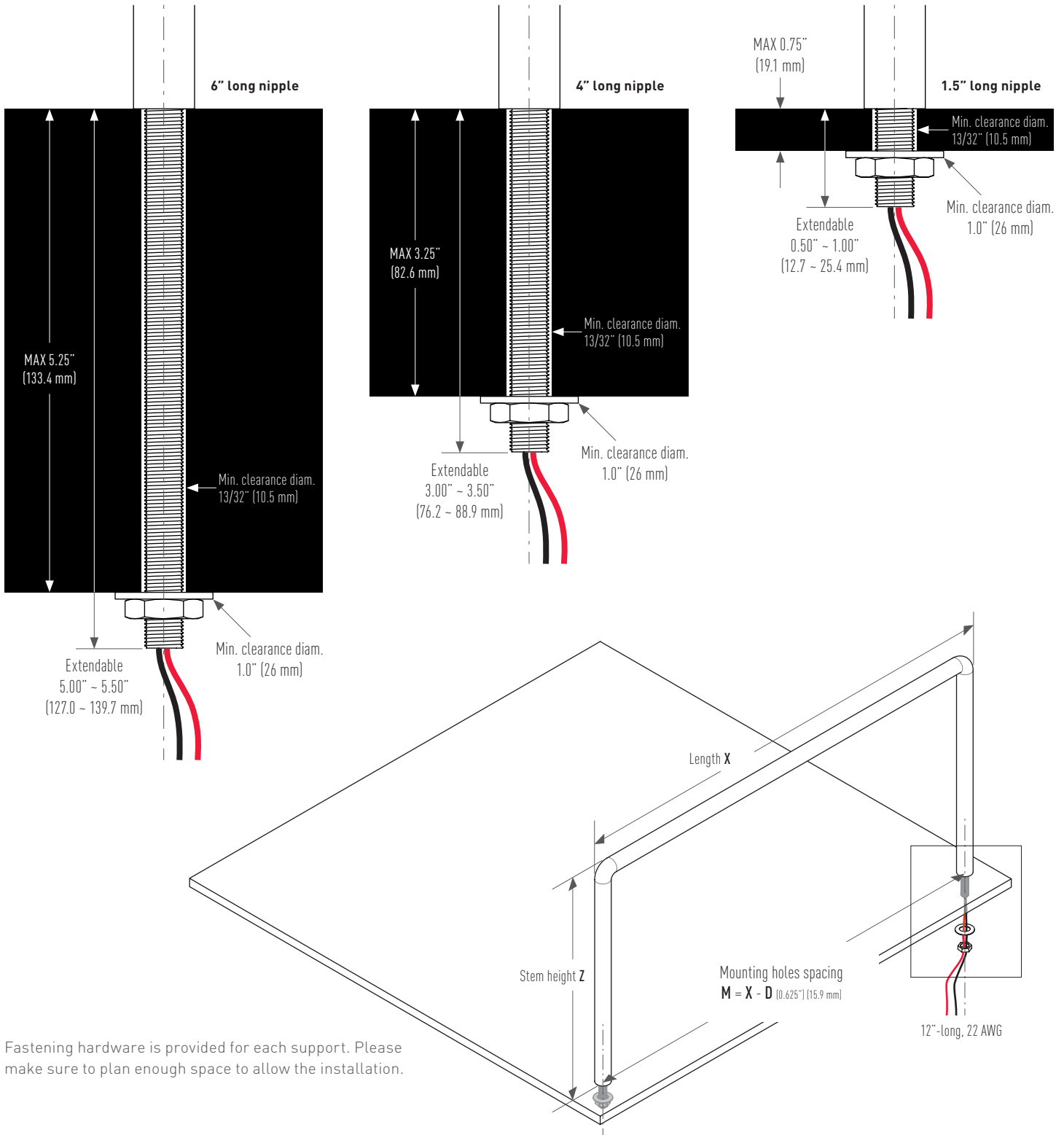
## Wiring options

WIRE EXIT



In asymmetric beams, left and right are set in relation to the light going away from your sight.

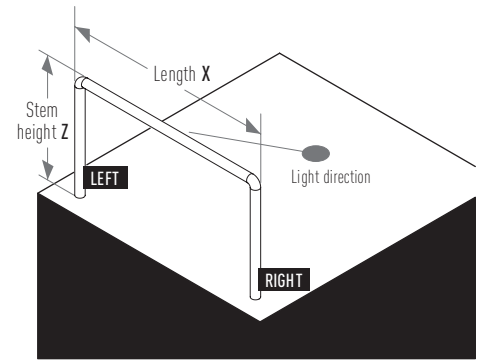
## Integration overview



Fastening hardware is provided for each support. Please make sure to plan enough space to allow the installation.

## Single Bridge - Distinct ordering code

| PRODUCT    |                       |              | CORE OPTIONS |        |        |       |     |   |  | EXTENDED OPTIONS |                 |           |             |
|------------|-----------------------|--------------|--------------|--------|--------|-------|-----|---|--|------------------|-----------------|-----------|-------------|
| ID         | CONSTRUCTION TEMPLATE | LIGHT EFFECT | INPUT        | OUTPUT | FINISH | CCT   | CRI | LENGTH                                  | STEM HEIGHT  | NIPPLE LENGTH    | NUMBER OF STEMS | WIRE EXIT | WIRE LENGTH |
| ADR        | SBR                   | DIS          | 12V          | 7.5W   | ABK    | 3000K | 80  | 10.0 to 74.0                            | 3.0 to 12.0  | 1.5              | 2               | L         | 12          |
| ADR        | SBM                   | DIS          |              |        | MW     | 3500K | 80  | In inches                               | In inches  | 4.0              |                 | R         | CUSTOM      |
| ADENAROUND | SBR                   | Distinct     |              |        | PC     | 4000K | 80  | Available finishes:<br>ABK, MW, PC, PN  | Z is the end-to-end height of the fixture, customizable in increments of 0.1". | 6.0              |                 |           | In inches   |
|            | SBR                   |              |              |        | PN     |       |     | 10.0 to 56.0                            |  |                  |                 |           |             |
|            | SBR                   |              |              |        | PB     |       |     | Available finishes:<br>PB, BB, PBKN, PG | X is the end-to-end length of the fixture, customizable in increments of 0.1". |                  |                 |           |             |
|            | SBR                   |              |              |        | BB     |       |     |   |  |                  |                 |           |             |
|            | SBR                   |              |              |        | PBKN   |       |     |   |  |                  |                 |           |             |
|            | SBR                   |              |              |        | PG     |       |     |   |  |                  |                 |           |             |

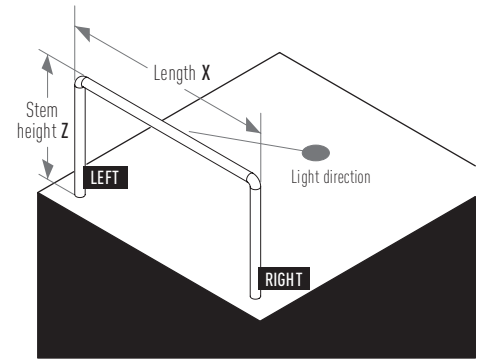


|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|---------------|-----|-----|-----|-----|------|----|---------|---------------------------|-------------------------|---------------|---|---------------|
| ORDERING CODE | ADR | SBR | DIS | 12V | 7.5W | PB | 3500K80 | Length Z (INCHES)<br>27.5 | Length Z (INCHES)<br>10 | INCHES<br>4.0 | 2 | INCHES<br>L12 |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |

- ABK**  
 Anodized black
- MW**  
 Matte white
- PC**  
 Polished chrome
- PN**  
 Polished nickel
- PB**  
 Polished brass
- BB**  
 Brushed brass
- PBKN**  
 Polished black nickel
- PG**  
 Polished gold

# Single Bridge - High Resolution ordering code

| PRODUCT     |                       |                 | CORE OPTIONS |        |        |       |     |   |  | EXTENDED OPTIONS |                 |           |             |
|-------------|-----------------------|-----------------|--------------|--------|--------|-------|-----|---|--|------------------|-----------------|-----------|-------------|
| ID          | CONSTRUCTION TEMPLATE | LIGHT EFFECT    | INPUT        | OUTPUT | FINISH | CCT   | CRI | LENGTH                                  | STEM HEIGHT  | NIPPLE LENGTH    | NUMBER OF STEMS | WIRE EXIT | WIRE LENGTH |
| ADR         | SBR                   | HR              | 24V          | 7.5W   | ABK    | 3000K | 80  | 10.0 to 74.0                            | 3.0 to 12.0  | 1.5              | 2               | L         | 12          |
| ADR         | SBM                   | HR              |              |        | MW     | 3500K | 80  | In inches                               | In inches  | 4.0              |                 | R         | CUSTOM      |
| ADENA ROUND | SBR                   | High Resolution |              |        | PC     | 4000K | 80  | Available finishes:<br>ABK, MW, PC, PN  | Z is the end-to-end height of the fixture, customizable in increments of 0.1". | 6.0              |                 |           | In inches   |
|             | SBR                   |                 |              |        | PN     |       |     | 10.0 to 56.0                            |  |                  |                 |           |             |
|             | SBR                   |                 |              |        | PB     |       |     | Available finishes:<br>PB, BB, PBKN, PG | X is the end-to-end length of the fixture, customizable in increments of 0.1". |                  |                 |           |             |
|             | SBR                   |                 |              |        | BB     |       |     |   |  |                  |                 |           |             |
|             | SBR                   |                 |              |        | PBKN   |       |     |   |  |                  |                 |           |             |
|             | SBR                   |                 |              |        | PG     |       |     |   |  |                  |                 |           |             |



|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|---------------|-----|-----|-----|-----|------|----|---------|---------------------------|-------------------------|---------------|---|---------------|
| ORDERING CODE | ADR | SBR | DIS | 12V | 7.5W | PB | 3500K80 | Length Z (INCHES)<br>27.5 | Length Z (INCHES)<br>10 | INCHES<br>4.0 | 2 | INCHES<br>L12 |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |
|               |     |     |     |     |      |    |         |                           |                         |               |   |               |

- ABK**  
Anodized black
- MW**  
Matte white
- PC**  
Polished chrome
- PN**  
Polished nickel
- PB**  
Polished brass
- BB**  
Brushed brass
- PBKN**  
Polished black nickel
- PG**  
Polished gold

ARCHITECTURAL LIGHTING **EKLIPSE**

2090 rue Moreau  
Suite 100  
Montréal, QC - H1W 2M3  
Canada

T +1 514 590 0099  
INT 1 877 590 0099  
F +1 514 590 0098  
sales@eklipselighting.com  
www eklipselighting.com



## Warranty

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on [www eklipselighting.com](http://www eklipselighting.com)