

SL1 LED

SITE LIGHTFORMS

Type:
Job:
Catalog number:



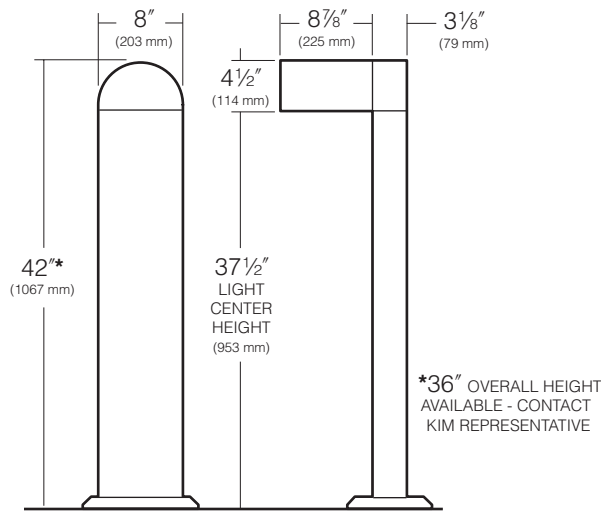
Approvals:

| | | | |
|------------|-------------------|------------|---------|
| SL1 | / | / | / |
| Fixture | Electrical Module | Finish | Options |
| See page 2 | | See page 3 | |

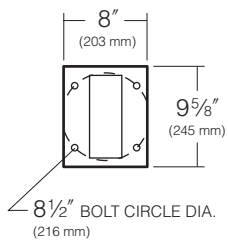
Specifications

SL1 LED

Maximum weight: 37 lb



BASE PLAN SL1



Head: One-piece cast, low-copper (<0.6% Cu) aluminum, 3/16" wall thickness with external reveal unifying head and shaft. Attachment to shaft is by four bolts concealed within the head.

Shaft: One-piece extruded aluminum with internal tracks for attaching head and base.

Base: One-piece cast, low-copper (<0.6% Cu) aluminum secured to shaft by four concealed stainless steel bolts.

Lens: Clear flat 1/8" thick tempered glass retained by two stainless steel brackets, and four stainless steel, hex socket cap screws, fully gasketed.

LED Optical System: A total of 27 mid power LED emitters configured in a rectangular array comprised together as a module. Two (2) modules for 18 version and four (4) modules for 36 version. Available in 580nm Amber, 3000K, 4200K and 5100K color temperatures.

LED Driver: Universal voltage from 120 to 277V with a ±10% tolerance. -40°F starting temperature. All drivers are Underwriters Laboratories recognized.

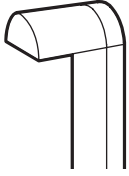
Anchor Bolts: Four 3/8" x 10" + 2" zinc plated L-hooks complete with leveling nuts, washers, couplings, rigid pressed board template and black stainless steel bolts.

Finish: Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.

Listed to: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires. RoHS compliant. Meets Buy American provisions within ARRA.

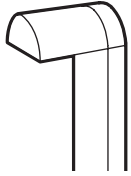
CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.




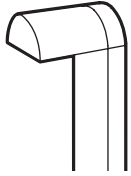
Standard Features

| | | | | | |
|---|--|--|---|--|--|
| Fixture | Cat. No. SL1 Site Lightforms | | | | |
| Electrical Module LED = Light Emitting Diode | <p>Cat. Nos. for LED Electrical Modules available:</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; vertical-align: top;"> <p>xL</p> <p>Source:</p> <ul style="list-style-type: none"> 18L= 18 version 36L= 36 version </td> <td style="text-align: center; vertical-align: top;"> <p>xK</p> <p>Color Temperature:</p> <ul style="list-style-type: none"> 2K = 580nm - Amber 3K = 3000K 4K = 4000K 5K = 5000K </td> <td style="text-align: center; vertical-align: top;"> <p>UV</p> <p>Voltage:</p> <ul style="list-style-type: none"> UV Universal Voltage shall range from 120V-277V </td> </tr> </table> | | <p>xL</p> <p>Source:</p> <ul style="list-style-type: none"> 18L= 18 version 36L= 36 version | <p>xK</p> <p>Color Temperature:</p> <ul style="list-style-type: none"> 2K = 580nm - Amber 3K = 3000K 4K = 4000K 5K = 5000K | <p>UV</p> <p>Voltage:</p> <ul style="list-style-type: none"> UV Universal Voltage shall range from 120V-277V |
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| Finish TGIC powder coat paint | <p>Cat. No.: Color:</p> <ul style="list-style-type: none"> BLS Black Gloss Smooth BLT Black Matte Textured DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphic Matte Textured LGS Light Grey Gloss Smooth | <p>Cat. No.: Color:</p> <ul style="list-style-type: none"> LGT Light Grey Matte Textured PSS Platinum Silver Gloss Smooth VGT Verde Green Matte Textured WHS White Gloss Smooth WHT White Matte Textured CC² Custom Color <p>²Custom colors subject to additional charges, minimum quantities and extended lead times.</p> | | | |
| 0-10V Dimming Interface | <p>Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems. Note: Not compatible with current sourcing dimmers. Controls compatible via Pink and Purple dimming lead.</p> | | | | |



Optional Features

| | | |
|---|--|--|
| <p>Battery Back-up Cat. No. EM No Option</p> | <p>Internal battery pack provides 90 minutes of supplemental light at 25% of initial lamp lumens.</p> |  <p>battery back-up</p> |
| <p>Optional Duplex Receptacle Cat. No. DR DR-GFI No Option</p> | <p>Mounted 18" from bottom of shaft with a gasketed While-In-Use cover with locking tab. Painted to match bollard. DR weather proof duplex receptacle rated 20A, 125V. DR-GFI weather proof duplex receptacle with ground fault circuit interrupter rated 20A, 125V.</p> | |



Lumen Data

| Electrical Drive Current | | | | | |
|--------------------------|-----------|--------------|------------|-----------|--------------|
| 450mA | | | | | |
| 18 Version | | | 36 Version | | |
| Volts - AC | Amps - AC | System Watts | Volts - AC | Amps - AC | System Watts |
| 120 | 0.22 | 26 | 120 | 0.48 | 56 |
| 208 | 0.13 | 26 | 208 | 0.27 | 56 |
| 240 | 0.11 | 26 | 240 | 0.24 | 56 |
| 277 | 0.09 | 26 | 277 | 0.21 | 56 |

| B.U.G. Rating for 450mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare | | |
|--|------------|------------|
| Temperature | 18 VERSION | 36 VERSION |
| 3000K | B1 U0 G1 | B2 U0 G1 |
| 4000K | B1 U0 G1 | B2 U0 G1 |
| 5000K | B1 U0 G1 | B2 U0 G1 |

| Absolute Lumens for 450mA | | |
|---------------------------|------------|------------|
| Temperature | 18 VERSION | 36 VERSION |
| 3000K | 2448 | 5058 |
| 4000K | 2511 | 5188 |
| 5000K | 2540 | 5247 |

LED performance and lumen output continues to improve at a rapid pace. For custom optics and color temperature configurations, contact factory.