

B30 LED

HIGH PERFORMANCE BOLLARD

Type:

Job:

Catalog number:

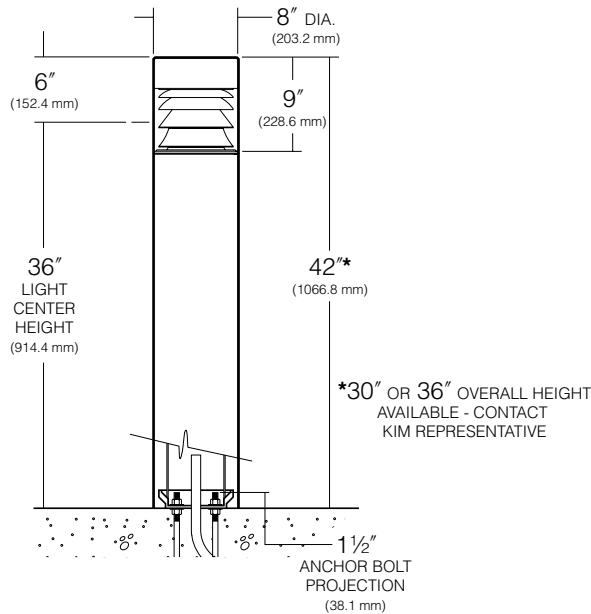
Approvals:

B30	/	/	/
Fixture	Electrical Module	Top Cap and Shaft Finish	Options
See page 2		See page 3	

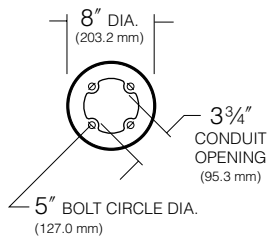
Specifications

B30 LED

Maximum weight: 30 lb.



BASE PLAN B30



Top Cap: One-piece heavy gauge spun aluminum retained by two countersunk captive socket head fasteners, braced at outer edges by optical assembly. 3/4" thick insulation provided above lamp.

Plastic Enclosure: High grade, high temperature acrylic, optically clear, 1" nominal wall, one-piece injection molded retained in an unstressed position by internal support through reflector assembly.

Optical Assembly: Precision hydroformed optical louvers with specular Alzak® finish, removable as a one-piece self-contained unit.

Shaft: One-piece, extruded, wall thickness, .125" with heavy cast aluminum twist-lock anchor base concealed within post. Post locks to base with (2) 3/8" stainless steel cone point set screws.

Gasketing: Fixture is silicone gasketed for weathertight operation.

Electronic Module: All electrical components are either UL or ETL recognized, mounted on a single plate and factory prewired with quick disconnect plugs. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

Optical Module: Each LED equipped with a directional optic for maximum beam angle projecting through louver stack spacings. LED boards to be mounted to an anodized inter-locking heat sink extrusion. 20-LED total. Available in 580nm Amber, 3000K, 4000K and 5000K color temperatures.

Anchor Bolts: Four 3/8" x 10" + 2" zinc electro-plated L-hook anchor bolts, each with two nuts and washers and a rigid pressboard template.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat finish.

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.

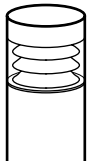
CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

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Standard Features

Fixture Cat. No. **B30** High Performance Bollard, 8" Round

Electrical ModuleLED = Light Emitting Diode

Cat. Nos. for LED Electrical Modules available:

xL

Source:

I 10L= 10 LED
(IES Type I)

I 15L= 15 LED
(IES Type III)

I 20L= 20 LED
(IES Type V)

xK

Color Temperature:

I 2K = 580nm - Amber

I 3K = 3000K

I 4K = 4000K

I 5K = 5000K

UV

Voltage:

I UV Universal Voltage
shall range from
120V-277V

Luminaire Finish
TGIC powder coat paint on
fixture and shaft.

Cat. No.: Color:

I BLS Black Gloss Smooth

I BLT Black Matte Textured

I DBS Dark Bronze Gloss Smooth

I DBT Dark Bronze Matte Textured

I GTT Graphic Matte Textured

I LGS Light Grey Gloss Smooth

Cat. No.: Color:

I LGT Light Grey Matte Textured

I PSS Platinum Silver Gloss Smooth

I VGT Verde Green Matte Textured

I WHS White Gloss Smooth

I WHT White Matte Textured

I CC¹ Custom Color

¹ Custom colors subject to additional charges, minimum quantities and extended lead times.
Consult representative. Custom color description: _____

0-10V Dimming Interface

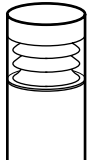
Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems.

Standard Input Black (+)
White (-)
Green (GND)
Pink Dimming Lead (-)
Purple Dimming Lead (+)
← 30 mA Max

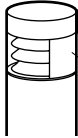
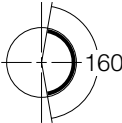
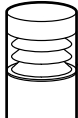

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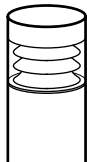
Optional Features

<p>Houseside Shield Cat. No. HS No Option</p>	<p>Eliminates backlight in unwanted areas such as adjacent property, or wherever an asymmetric light distribution is desired. Constructed of sheet aluminum covering a 160° arc. Finished to match the fixture. Shield is fully adjustable about a 360° rotation. Consult Kim representative.</p>	 <p>Houseside Shield</p> 
<p>Polycarbonate Enclosure Cat. No. LC No Option</p>	<p>Clear Polycarbonate CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited due to yellowing caused by UV from sunlight.</p>	 <p>Clear Polycarbonate</p>
<p>Battery Back-up Cat. No. EM No Option</p>	<p>Internal battery pack provides 90 minutes of supplemental light at 50% 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, in a cast aluminum box that is internally welded and sealed with a gasketed While-In-Use cover with locking tab. Painted to match bollard. Duplex Receptacle (DR) rated 20A, 125V. Duplex Receptacle with Ground Fault Circuit Interrupter (DR-GFI) rated 20A, 125V.</p>	

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Lumen Data

Electrical Drive Current - @350mA						
Volts - AC	Type 1		Type 3		Type 5	
	Amps - AC	System Watts	Amps - AC	System Watts	Amps - AC	System Watts
120	0.11	13	0.16	19	0.21	25
208	0.06	13	0.09	19	0.12	25
240	0.05	13	0.08	19	0.10	25
277	0.05	13	0.07	19	0.09	25

B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare			
Temperature	TYPE 1	TYPE 3	TYPE 5
3000K	B0 U2 G1	B0 U2 G1	B1 U2 G1
4000K	B0 U2 G1	B0 U2 G1	B1 U2 G1
5000K	B0 U2 G1	B0 U2 G1	B1 U3 G1

Absolute Lumens			
Temperature	TYPE 1	TYPE 3	TYPE 5
3000K	495	727	1017
4000K	508	746	1043
5000K	514	755	1055

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