

LED Bollards

"As distance to architecture decreases, luminaire height and scale should also decrease."

Kim Lighting's Theory of Relativity

Blending light fixtures into the cohesive design of the site's architecture has always been a guiding force in developing and implementing Kim's Theory of Relativity. With the introduction of Kim's Luminate Bollards in the late 70's, design elements transitioned to replace all tall poles that resided close to buildings with the use of more complimentary and less obtrusively scaled luminaires providing a more pleasant pedestrian experience and balanced visual plane.

Kim continues its tradition of providing the latest innovation in product design and technology to deliver the next generation of bollard illumination to meet the growing demands of today's environments. Our wide array of bollards incorporate the latest in LED, battery and control technologies; feature state of the art optical systems; and improved vandal resistance, brightness controls and architectural compatibility.

Today's pathway has never looked so good.

Vandal Resistant Bollard

Rugged construction, yet stylish design make the VRB the "go to" solution for public areas where vandalism may occur. Full high-angle louvers provide low level brightness with broad light distribution. The optional dual function model offers high-angle louvers for controlled downlight and vertical louvers for uplight. This options provides both path and accent lighting.

	ORDERING	INFORMATION*	
1 Fixture:	VRB1 VRB VRB1C VRB C = Concrete Shaft	2 VRB3 VRB3C	VRB4C
2 Source:	TYPE	COLOR	VOLTAGE
	10L Type I 15L Type III 20L Type V	2K, 3K, 4K, 5K	UV 120-277 Volt
3 Finish:	BL Black DB Dark Bronze SG Stealth Gray	PS Platinum Silver WH White CC Custom Color	ſ
4 Option:	, , , , ,	DR Duplex Receptacle, and D nd fault circuit interrupter	R-GFI Duplex
5 Concrete Riser:	CH-C Charcoal BR-C Brown	NG-C Natural Gra WH-C White	у
	Example: VRB1C /	10L5KUV / SG / EM / NG-C	
	1	2 3 4 5	



GEM Bollard

Compact Bollard

This ideal solution for smaller gardens and pathways features a compact luminaire with full louvers for low fixture brightness and no direct light output above horizontal. Suitable for both commercial or residential applications.

1 Fixture:	CB24 CB32 24 and 32 refer	to the bollard's heig	ht
2 Source:	TYPE	COLOR	VOLTAGE
	10L Type I 15L Type III 20L Type V	2K, 3K, 4K, 5K	UV 120-277 Volt
3 Finish:	BL Black	PS PI	atinum Silver

DB Dark BronzeSG Stealth GrayWH WhiteCC Custom Color

4 Option: EM Battery Back-up, DR Duplex Receptacle, and DR-GFI Duplex Receptacle with ground fault circuit interrupter

Example: CB32 / 10L5KUV / SG / EM

1 2 3 4

GEM® Bollard

When high levels of illumination and an attractive lens presence is desired, GEM is your answer. It is designed to produce high levels of illuminance, yet provide an attractive visual point of interest for highlighting key entries or important walkways.

ORDERING INFORMATION						
1 Fixture: GEM GEMC C = Concrete Shaft						
2 Source:		TYPE	CC	DLOR		VOLTAGE
	27	BL Type I L Type III L Type V	2K, 3I	C, 4K, 5	5K	UV 120-277 Volt
3 Finish:	BL DB SG	Black Dark Bro Stealth		PS WH CC	W	atinum Silver /hite ustom Color

4 Option: EM Battery Back-up, **DR** Duplex Receptacle, and **DR-GFI** Duplex Receptacle with ground fault circuit interrupter

5 Concrete Riser:				NG-C WH-C			Gray
Example	e: GEM	C / 18L	5KUV/	SG / E	M /	NG-C	
	1		2	2	1	5	



Vandal Square Bollard

Rugged construction make the VRB an ideal partner for Kim's rectilinear luminaires. Full high-angle louvers provide low level brightness with broad light distribution. The optional dual function model offers high-angle louvers for controlled downlight and vertical louvers for uplight.

VSB2 VSB1 SSB1C 1 Fixture:

C = Concrete Shaft

2 Source:	TYPE	COLOR	VOLTAGE
	10L Type I 15L Type III 20L Type V	2K, 3K, 4K, 5K	UV 120-277 Volt

3 Finish: **BL** Black **PS** Platinum Silver **DB** Dark Bronze WH White **CC** Custom Color **SG** Stealth Gray

4 Option: EM Battery Back-up, DR Duplex Receptacle, and DR-GFI Duplex Receptacle with ground fault circuit interrupter

5 Concrete CH-C Charcoal NG-C Natural Gray BR-C Brown WH-C White Riser:

Example:	VSB1	20L5KUV /	/ WH /	EM /		
	1	2	3	4	5	

High Performance Bollard

The exclusive Kim optical Louver system achieves a broad light distribution with low glare. A high degree of visibility is attained, allowing lower wattage and greater fixture spacings for energy conservation and cost reduction.

1 Fixture:

		_	
Flat	Тор	only	

	riat top only		
2 Source:	TYPE	COLOR	VOLTAGE
	10L Type I 15L Type III 20L Type V	2K, 3K, 4K, 5K	UV 120-277 Volt
3 Finish:	BL Black	PS Platinum Silver	

3 Finish: **DB** Dark Bronze WH White **CC** Custom Color **SG** Stealth Gray

4 Option: HS Houseside Shield, PC Polycarbonate Enclosure, EM Battery Back-up, **DR** Duplex Receptacle, and **DR-GFI** Duplex Receptacle with ground fault circuit interrupter

Example	: B30/	20L5KUV <i>i</i>	WH / EM	
	1	2	2 /	1

Site Lightform

Kim Site Lightforms are specifically designed and engineered to combine contemporary form with vandal-resistant construction. All fixture heads are heavy-wall one-piece aluminum castings and head to shaft connections are concealed for greater strength and clean detailing.

1 Fixture: SL

TYPE COLOR VOLTAGE 2 Source: UV **9L** Type I 18L Type ||| 2K, 3K, 4K, 5K 120-277 36L Type V Volt

SL1/SL3 use 18L/36L only, SL5 use 9L/18L only.

3 Finish: BL Black **PS** Platinum Silver **DB** Dark Bronze **WH** White **SG** Stealth Gray **CC** Custom Color

4 Option: EM Battery Back-up, **DR** Duplex Receptacle, and **DR-GFI** Duplex Receptacle with ground fault circuit interrupter

SL5 / 1	18L5KUV	/ /WH /		
1	2	3	4	





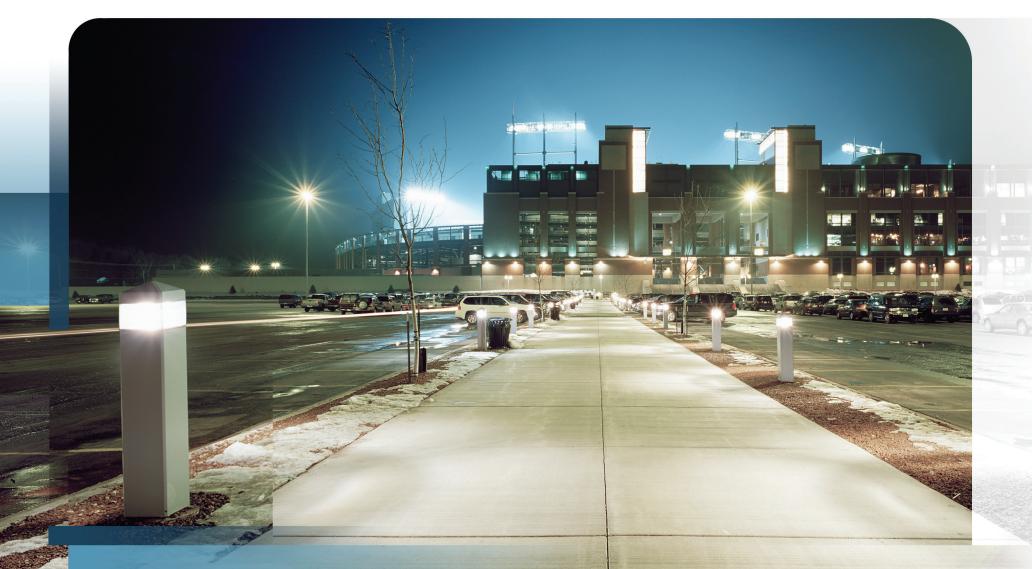










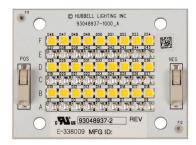




Features

Kim Lighting's LED Bollard Collection offers a versatile, stylish and energy efficient low level lighting solution for both contemporary, and traditional architecture. Kim's bollard collection features the latest in LED technology and optics offering improved lumen output and energy efficacy.

- Seamless construction with no visible fasteners or screws
- Vandal resistant options
- Aluminum and concrete shafts
- 3000K, 4200K, and 5100K color temperatures
- Two light engine systems
- Multiple distributions Louvers, Non-Louvered designs, Controlled Up-light
- Battery back-up options available for stand by illumination
- Full Cutoff & Dark Sky compliant



Mid-Power LED Board shown above and the Vertical High Power LED Light Engine below.

allows it readily adapts well to a wide range of architectural designs from traditional to contemporary. The bounce family includes site/area, and wall mounted luminaires for a consistent appearance throughout an entire site.

1 Fixture: BNB1

Bounce

Bollard

Era Lantern

Bollard



2 Source:	TYPE	COLOR	VOLTAGE
	18L Type I 27L Type III 36L Type V	2K, 3K, 4K, 5K	UV 120-277 Volt

3 Finish:	BL	Black	PS	Platinum Silv
	DB	Dark Bronze	WH	White
	SG	Stealth Gray	CC	Custom Colo

4 Option: BBC Matte Black Body Cap, **EM** Battery Back-up, **DR** Duplex Receptacle, and **DR-GFI** Duplex Receptacle with ground fault circuit interrupter

Example:	BNB1/	18L5KUV	/ SG /	EM	
	1	2	3	4	

the latest high performance LED technology to a wide range of traditional architectural styles. The Era family includes site/area, and wall mounted luminaires for a consistent appearance throughout an entire site.



2 Source:		TYPE	COLOR			VOLTAGE	
	18 27 36	L Type I L Type III L Type V	2K, 3K	, 4K, !	5K	UV 120 - 277 Volt	
		Black Dark Bro		WH	W	atinum Silvei hite	
	SG	Stealth	Gray	CC	(I	ustom Color	

4 Option: EM Battery Back-up, DR Duplex Receptacle, and **DR-GFI** Duplex Receptacle with ground fault circuit interrupter

Example:	LE1	/ 18L5KUV	/ SG /	/ EM	
	1	2	3	4	



For a seamless look from parking lot to entry way, look to the Era and Bounce families for a comprehensive site lighting solution.



Additional Kim Lighting LED Families



THE PICO PROGRAM SITE / ROADWAY



LIGHTVAULT® 8 IN-GRADE



LANDSCAPE LIGHTING COLLECTION



Current Lighting Solutions, LLC

701 Millennium Blvd. Greenville, SC 29607

currentlighting.com/<Designated Brand>

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