

Precision<sup>2</sup>  
OF THE B-K LIGHTING GROUP

BKSSGL<sup>®</sup>  
SOLID STATE LIGHTING

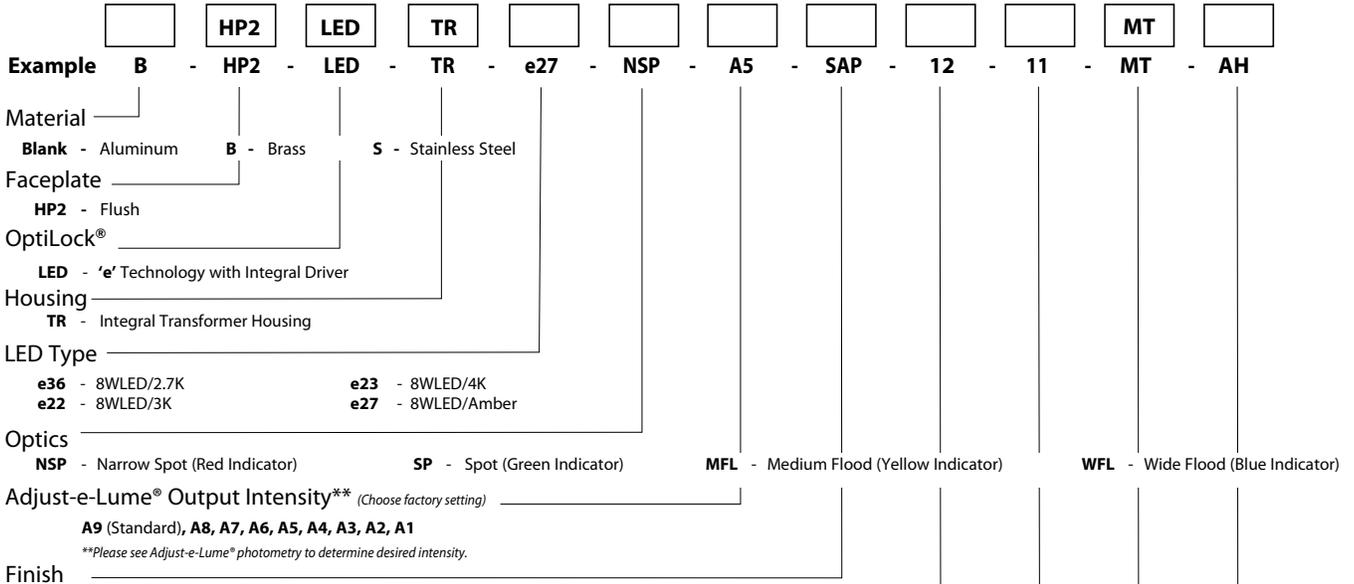
Integral Transformer (TR)



HP2

<b>PROJECT:</b>	
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	

### CATALOG NUMBER LOGIC



Aluminum & Brass Faceplates			Brass Faceplates		Premium Finish		
Powder Coat Color	Satin	Wrinkle	Machined	MAC	ABP	CMG	RMG
Bronze	<b>BZP</b>	<b>BZW</b>	Polished	<b>POL</b>	<b>AMG</b> Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
Black	<b>BLP</b>	<b>BLW</b>	Mitique™	<b>MIT</b>	<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>SMG</b> Sierra Mountain Granite
White (Gloss)	<b>WHP</b>	<b>WHW</b>	Stainless Faceplates		<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>TXF</b> Textured Forest
Aluminum	<b>SAP</b>	—	Machined	<b>MAC</b>	<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WCP</b> Weathered Copper
Verde	—	<b>VER</b>	Polished	<b>POL</b>	<b>BPP</b> Brown Patina Powder	<b>NBP</b> Natural Brass Powder	<b>WIR</b> Weathered Iron
			Brushed	<b>BRU</b> <small>Interior use only.</small>	<b>CAP</b> Clear Anodized Powder	<b>OCF</b> Old Copper	<small>Also available in RAL Finishes See submittal SUB-1439-00</small>

Lens Type: **12** - Soft Focus Lens, **13** - Rectilinear Lens

Shielding: **11** - Honeycomb Baffle

Input Voltage: **MT** - 120-277 VAC Input

Option: **AH** - Accessory Holder (Accommodates up to 2 Media. Included as Standard), **DG** - Dome Glass Lens (Replaces Flat Glass. Not Driveover Rated), **GM-R** - Round Grout Mask, **GM-S** - Square Grout Mask, **GS** - Glare Shield\*, **HD** - Half Dome\*, **RG** - Rock Guard\*, **RO** - Rock Guard with Optical Opening\*

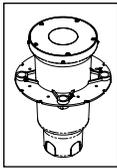
\*Furnished in copper free aluminum. Finish to Match Faceplate. Dome lens included.

DRIVER DATA	Input Volts	InRush Current	Operation Ambient Temperature
	12VAC/DC 50/60Hz	250mA. Max. (non-dimmed)	-10°F-130°F

LM79 DATA				L70 DATA	
BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)	Minimum Rated Life (hrs.) 70% of initial lumens (L70)	
e36	2700K	8.4	80	50,000	
e22	3100K	8.4	80	50,000	
e23	4100K	8.4	80	50,000	
e27	Amber (590nm)	7.9	~	50,000	

*OPTICAL DATA			
Beam Type	Angle	e23 CBCP	Visual Indicator
Narrow Spot	14°	3594	Red Dot
Spot	18°	2456	Green Dot
Medium Flood	25°	1335	Yellow Dot
Wide Flood	36°	747	Blue Dot

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Precision<sup>2</sup>  
IP 68 Rated Fixtures Lighting

BKSSL<sup>®</sup>  
SOLID STATE LIGHTING

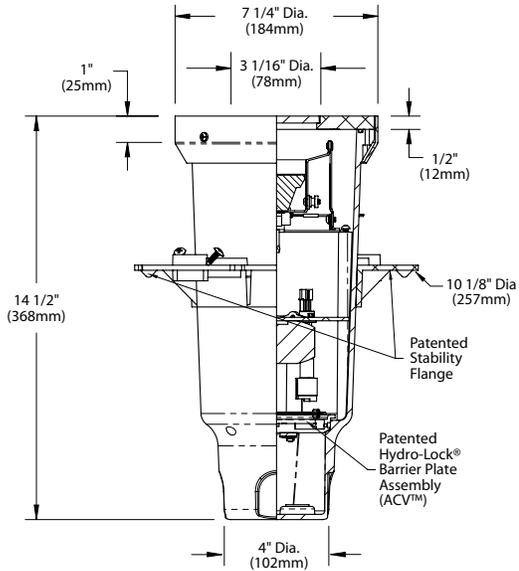
Integral Transformer (TR)

the power of  
with adjust-e-lume<sup>®</sup>  
TECHNOLOGY

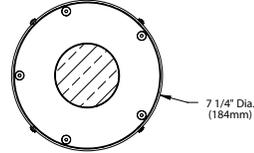
HP2

PROJECT:	
TYPE:	

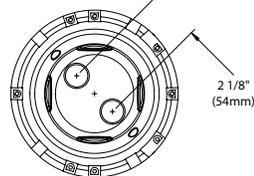
SIDE VIEW



FACEPLATE



BOTTOM VIEW



All dimensions indicated on this submittal are nominal. Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

### GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult [www.bklighting.com/greensource](http://www.bklighting.com/greensource) for program requirements.

### Fixture Housing

Corrosion-free composite, made from high strength, thermo-formed, sheet molded polyester compound. Glass reinforced, flame retardant and UV stabilized. (2) bottom-entry, 3/4" NPT female conduit entries with knockout plugs and (4) side flats for 1/2" or 3/4" conduit adapters.

### Patented Stability Flange

Corrosion-free composite flange projects into installation sub-strate to reinforce housing stability. Integral REBAR saddles simplify installation onto concrete form. (4) Orthogonal bosses permit use of 1/2" PCV conduit or EMT to simplify vertical position and leveling of housing. Pre-set self-tapping screws anchor housing at proper elevation.

### Aiming

Dual axis OptiLock<sup>®</sup> stainless steel aiming bracket rotates 360° and provides vertical adjustment up to 35° from nadir. Positive lock action ensures optical orientation.

### BKSSL<sup>®</sup>

Integrated solid state system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR<sup>®</sup> lumen maintenance requirements.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to 250mA. (non-dimmed). Conforms to Safety Std. C22.2 No. 250.13-12.

### Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution. Color-coded for easy reference: Narrow Spot (NSP) = Red. Spot (SP) = Green. Medium Flood (MFL) = Yellow. Wide Flood (WFL) = Blue.

### Adjust-e-Lume<sup>®</sup> (Pat. Pending)

Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

### Installation

Integral, copper-free aluminum concrete pour collar (CPC), furnished in Black finish, permits for direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade Fixtures (DIG-IT) for compliance with proper soil preparation and drainage requirements prior to installation.

### Transformer

Integral, BKSSL<sup>®</sup> electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.

### Wiring / Connectors

Teflon<sup>®</sup> coated wire, 18 gauge, 600V, 250°C rated and certified to UL1659 standard. Features OptiLock<sup>®</sup> and gear tray quick disconnects. Patented HydroLock<sup>®</sup> with anti-siphon valve (ASV™) wireway. (3) Water-Tight connectors supplied for line connection. Maximum (2) #10 & (1) #18. Minimum (1) #12 & (1) #18.

### Water Management

Self Evacuating Airtight Lamp Module (S.E.A.L.™). IP-68 rated, vacuum sealed enclosure. Patented Anti-Condensation Valve (ACV™) eliminates condensation from optical chamber. High temperature silicone 'O' Ring at faceplate. Patented HydroLock<sup>®</sup> technology provides fail safe water barrier between junction box and interior components. Anti-siphon valve (ASV™) prevents "wicking" through conductor insulation.

### Lens

High heat, shock resistant, tempered 1/4" borosilicate flat glass lens. Suitable for walk-over and drive-over applications to 35,000 lbs. Specify soft focus (#12) or rectilinear (#13) lens.

### Faceplate

Solid, 1/2" machined 6061T6 aluminum with (5) black oxide, captive, stainless steel mounting screws. Faceplate options include solid, 1/2" machined brass and solid, 1/2" machined stainless steel.

### Finish

StarGuard<sup>®</sup>, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

### Listings

ETL Listed to ANSI/UL Standard 1598 and Certified to CAN/CSA Standard C22.2 No. 250. RoHS compliant. IP68 Rated. Made in the USA.



\*Teflon is a registered trademark of DuPont Corporation.  
\*Energy Star is a registered trademark of the United States Environmental Protection Agency.

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Precision2<sup>®</sup> and its features are covered in whole or in part by U.S. Patent Nos. 7,033,038; 6,254,258 B1; 7,249,867 B2; 7,370,988 B2; 7,553,042; 7,560,148; and 7,699,489.