

B-SIDE

Illuminating Bollard



DESCRIPTION

B-Side is a family of bollards in three heights designed to subtly accent public and private areas with its characteristic bidirectional light distribution. The uniquely styled bollard with central opening is fabricated from die-cast and extruded aluminum components. The light source is concealed from normal viewing angles and provides self-illumination while adding structure to spaces. All models are IP65 rated with an IK10 impact rating, making B-Side an ideal anti-vandal solution for lighting public parks and urban areas. The smallest model can also be installed as an outdoor wall mounted luminaire.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE				
MODEL	OUTPUT	CCT	VOLTAGE	FINISH
BSB135 5.3" Bollard / Wall Mount*	SO Standard Output	27K 2700K	UNV 120-277V	AG Anthracite Grey (SW302G)
BSB450 17.7" Bollard	HO High Output*	30K 3000K		GR Grey (RF-7103-XW)
BSB850 33.5" Bollard		40K 4000K		GBRN Grey Brown (RAL 8019)
		A Amber (585-595nm)*		JTBL Jet Black (RAL 9005)
				PRWH Pure White (RAL 9010)
				CC Custom RAL Color

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

Note: High Output is not available on BSB135 or Amber models.

MOUNTING KIT <i>(Required, Ordered Separately)</i>
MODEL
BSIDE-MK Mounting Kit for B-SIDE Bollard; Includes Paper Mounting Template and Hardware



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		BSB135	BSB450	BSB850
PHYSICAL	HOUSING	Recycled Aluminum Extrusion with Anti-Corrosive Treatment		
	LENS	Translucent Polycarbonate Diffuser		
	OVERALL DIMENSIONS	5½" Height x ø6¾"	1' 5½" Height x ø6¾"	2' 9½" Height x ø6¾"
	WEIGHT	3.2 Pounds	6.2 Pounds	9.8 Pounds

ELECTRICAL	POWER CONSUMPTION	4.6 Watts Standard Output 6.4 Watts High Output
	INPUT VOLTAGE	Universal 120-277 VAC
	DRIVE CURRENT	500mA Standard Output 700mA High Output
	AMPERAGE	0.04A (Standard Output) or 0.05A (High Output) @ 120V 0.02A (Standard Output) or 0.02A (High Output) @ 277V
	CONTROL	On/Off via Integral LED Power Supply

PHOTOMETRIC	LED	2700K, 3000K, 4000K, or Amber (True Amber within 585-595nm Wavelength)
	CRI	80 (White Light)
	DELIVERED LUMEN OUTPUT	Up to 161 lumens
	EFFICACY	Up to 25.2 lumens per watt
	LIGHT DISTRIBUTION	Unique "Bow-Tie" Light Distribution
	BUG RATING	B0-U1-G0 for All Variants
	LUMEN MAINTENANCE	L90 > 50,000 hours @ 77°F*

LIGHT OUTPUT	OUTPUT	CCT	BSB135			BSB450 & BSB850		
			Lumens	Watts	Efficacy	Lumens	Watts	Efficacy
	STANDARD OUTPUT	2700K	102	4.6	22.2	102	4.6	22.2
		3000K	111	4.6	24.1	111	4.6	24.1
		4000K	115	4.6	25.0	115	4.6	25.0
	HIGH OUTPUT	2700K	N/A			143	6.4	22.3
		3000K				155	6.4	24.2
		4000K				161	6.4	25.2

CERTIFICATIONS	SAFETY	CSA Certified
	INGRESS PROTECTION	IP65
	IMPACT RATING	IK10
	WARRANTY	Five Year Limited Warranty



AG
Anthracite Grey
SW302G



GBRN
Grey Brown
RAL 8019



GR
Grey
RF-7103-XW



JTBL
Jet Black
RAL 9005

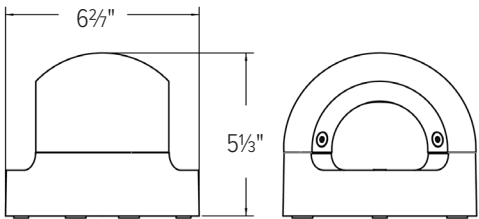


PRWH
Pure White
RAL 9010

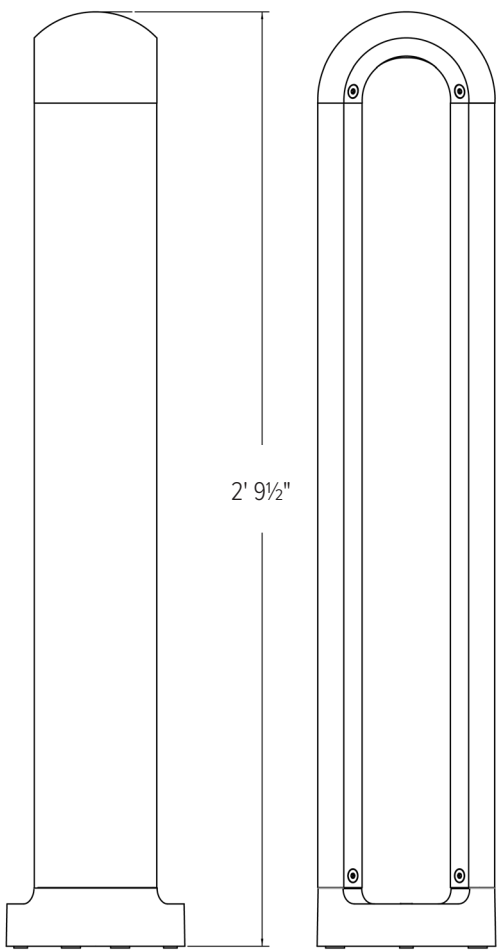
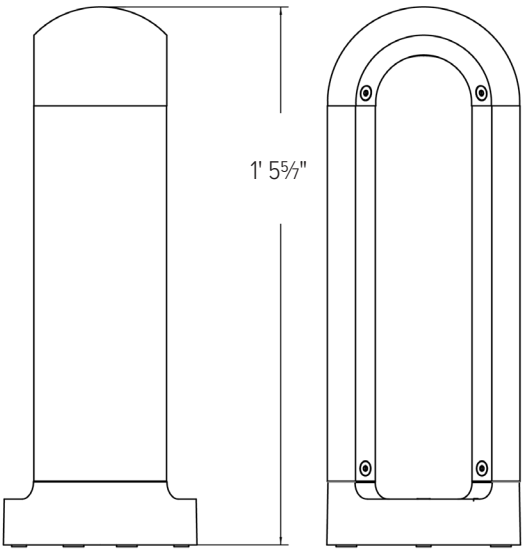
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

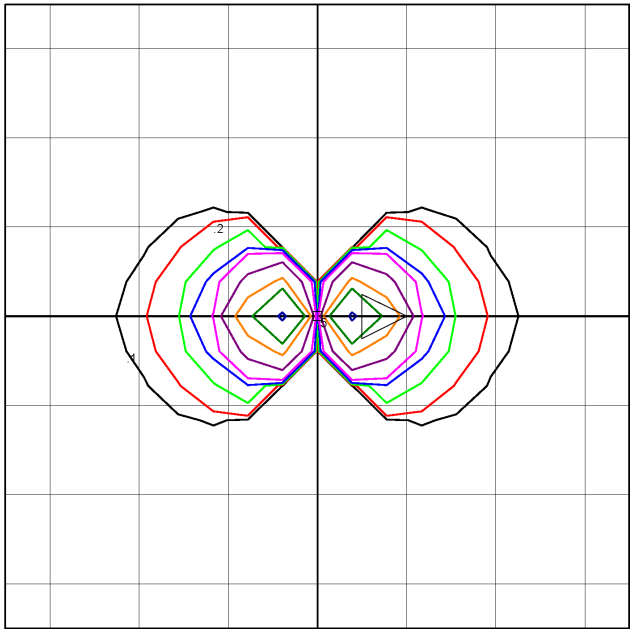
BSB135



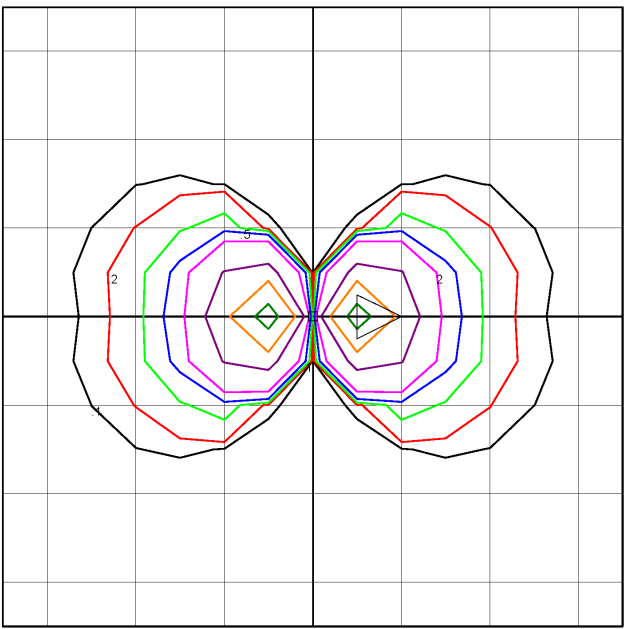
BSB450 BSB850



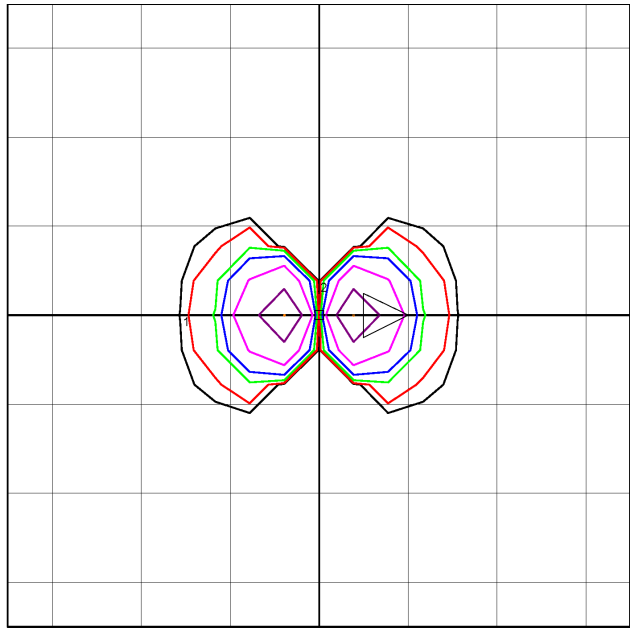
PHOTOMETRY



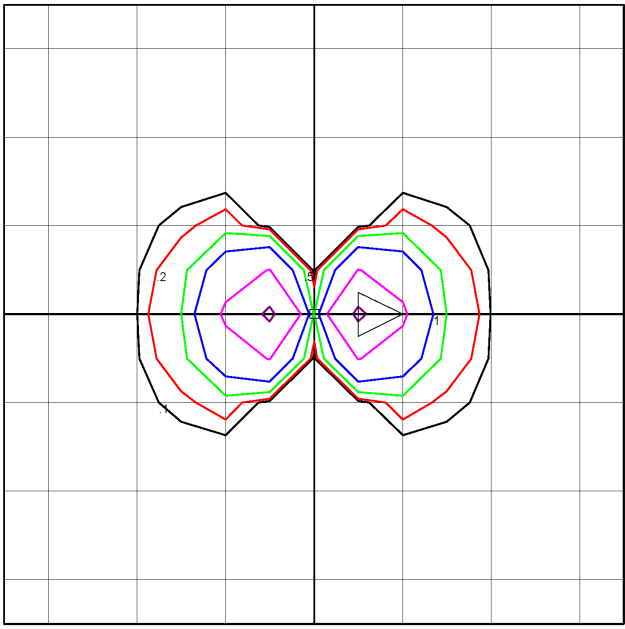
BSB450-HO-40K-UNV-GR:
Mounting Height= 1.5'
Each Square= 2'
Delivered Lumens= 161 Lumens
Maximum Calculated Value= 55.25 FC



BSB850-HO-40K-UNV-GR:
Mounting Height= 2'
Each Square= 2'
Delivered Lumens= 161 Lumens
Maximum Calculated Value= 25.51 FC



BSB450-SO-40K-UNV-GR:
Mounting Height= 1.5'
Each Square= 2'
Delivered Lumens= 115 Lumens
Maximum Calculated Value= 10.12 FC



BSB850-SO-40K-UNV-GR:
Mounting Height= 2'
Each Square= 2'
Delivered Lumens= 115 Lumens
Maximum Calculated Value= 5.61 FC