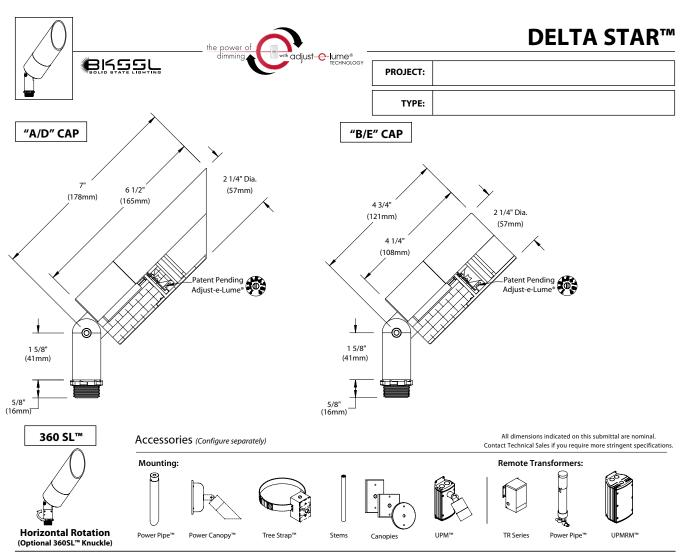


DRIVER DA	TA Input V	olts	InRush Current	Dimmable		Operation A	mbient Temperature
	12VAC/DC	50/60Hz	<1A (non-dimmed)	Magnetic Low Voltag	e Dimmer	-1	0°F-130°F
LM79 DATA	A			L70 DATA	*OPTICAL D	ATA	
BK No.	ССТ (Тур.)	Input Watts (Typ.)	CRI (Typ.)	Minimum Rated Life (hrs.) 70% of initial lumens (L ₇₀)	Beam Type	Angle	Visual Indicator
e36	2700K	8.4	90	50,000	Narrow Spot	14°	Red Dot
e22	3100K	8.4	90	50,000	Spot	18°	Green Dot
e23	4100K	8.4	75	50,000	Medium Flood	25°	Yellow Dot
e27	Amber (590nm)	7.9	~	50,000	Wide Flood	36°	Blue Dot



40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.comSUBMITTAL DATE
1-8-14DRAWING NUMBER
SUB000930

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SPECIFICATIONS

GreenSource Initiative™ Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced onsite. 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 Grane Grane of force and social translation of the construction of the construction of the social translation. for GreenSource efficacy and recycling rebate(s). Consult www. bklighting.com/greensource for program requirements.

Materials

Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.

Knuckle

The LOCK[™] (Locking 'O' Ring Compression Knuckle) is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. 1/2" pipe thread for mounting.

Optional 360SL $^{\rm \tiny M}$ additionally provides biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

Cap Fully machined. Accommodates [1] lens or louver media. Choose from 45° cutoff ('A' or 'D'), or 1" deep bezel with 90°

cutoff ('B' or 'E') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weephole and are for interior use only.

Lens

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens

BKSSL®

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® lumen maintenance requirements. LM-80 certified components.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, overvoltage, open-circuit, and short circuit protected. Inrush current limited to <1A (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.

Line dimmable. For use with low voltage dimmer with dedicated neutral conductor. Minimum 25 watt load required for dimming.

Adjust-e-Lume® (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.

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.

Remote Transformer For use with 12VAC 원년도도도 remote transformer.

Wiring

Teflon[®] coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

Hardware

Tamper-resistant, stainless steel hardware. LOCK™ aiming screw is additionally black oxide treated for additional corrosion resistance.

Finish

StarGuard®, 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).

Warranty

5 year limited warranty.

Certification and Listing ITL tested to IESNA LM-79. Lighting Facts Registration per USDOE (www.lightingfacts.com). ETL Listed to ANSI/UL Standard 1838 and UL Standard 8750. Certified to CAN/ CSA Standard C22.2 No. 9, CSA TIL B-58B. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4' of the ground. IP66 Rated. Made in USA.



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



Photometry for use with e36



Select OptiKit[™] for desired distribution



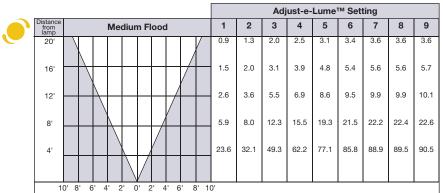
Set adjust-e-lume™ Dial to desired output



Narro					Auj	ust-e-	Lume	™ Set	ling		
Narro	w Sp	oot	1	2	3	4	5	6	7	8	9
		$\left[\right]$	2.4	3.1	5.0	6.3	7.6	8.9	9.2	9.3	9.3
			3.8	4.9	7.9	9.9	11.9	13.9	14.3	14.6	14.6
			6.7	8.6	14.0	17.6	21.2	24.7	25.5	25.9	25.9
			15.1	19.4	31.4	39.7	47.6	55.5	57.3	58.3	58.3
	\mathbb{V}		60.4	77.7	125.8	158.6	190.4	222.1	229.2	233.0	233.2
2'	0' 2'	4									
	2'	2' 0' 2	2' 0' 2' 4	3.8 6.7 15.1 60.4	3.8 4.9 6.7 8.6 15.1 19.4 60.4 77.7 2' 0' 2'	3.8 4.9 7.9 6.7 8.6 14.0 15.1 19.4 31.4 60.4 77.7 125.8	3.8 4.9 7.9 9.9 6.7 8.6 14.0 17.6 15.1 19.4 31.4 39.7 60.4 77.7 125.8 158.6	3.8 4.9 7.9 9.9 11.9 6.7 8.6 14.0 17.6 21.2 15.1 19.4 31.4 39.7 47.6 60.4 77.7 125.8 158.6 190.4 2' 0' 2' 4' 51.2	3.8 4.9 7.9 9.9 11.9 13.9 6.7 8.6 14.0 17.6 21.2 24.7 15.1 19.4 31.4 39.7 47.6 55.5 60.4 77.7 125.8 158.6 190.4 222.1 2' 0' 2' 4' 50.4 50.5	3.8 4.9 7.9 9.9 11.9 13.9 14.3 6.7 8.6 14.0 17.6 21.2 24.7 25.5 15.1 19.4 31.4 39.7 47.6 55.5 57.3 60.4 77.7 125.8 158.6 190.4 222.1 229.2 2' 0' 2' 4' 55.5 57.3	3.8 4.9 7.9 9.9 11.9 13.9 14.3 14.6 6.7 8.6 14.0 17.6 21.2 24.7 25.5 25.9 15.1 19.4 31.4 39.7 47.6 55.5 57.3 58.3 60.4 77.7 125.8 158.6 190.4 222.1 229.2 233.0

							Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp		Sp	ot		1	2	3	4	5	6	7	8	9
20'					1.6	2.1	3.3	4.3	5.3	5.9	6.1	6.3	6.3
16'					2.6	3.3	5.2	6.7	8.2	9.3	9.6	9.8	9.9
12'					4.5	5.8	9.3	12.0	14.7	16.5	17.0	17.5	17.5
8'			-/		10.2	13.0	20.9	26.9	33.0	37.0	38.3	39.4	39.4
4'					40.9	52.1	83.4	107.8	131.9	148.1	153.1	157.5	157.8
8	6' 4'	2' 0	' 2'	4' 6'	8'								

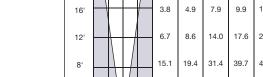
Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

																	Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp						W	ide	Flo	od						1	2	3	4	5	6	7	8	9
20'															0.4	0.6	0.9	1.1	1.4	1.6	1.6	1.7	1.7
16'			\setminus									/	/		0.7	0.9	1.4	1.8	2.1	2.5	2.6	2.6	2.6
12'											/				1.2	1.6	2.5	3.2	3.8	4.4	4.6	4.7	4.7
8'					\setminus						/				2.7	3.7	5.6	7.2	8.6	10.0	10.3	10.5	10.6
4'									/						10.9	14.8	22.3	28.6	34.3	39.9	41.1	42.2	42.3
									/														
14	4' 12	2' 10)' 8	' 6	' 4	2	' 0	' 2	' 4	' 6	i' 8	3' 1	0' 1:	2' 1	4'	-			-		-	-	

Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



B-K LIGHTING

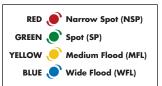
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adjust <u>P</u>lume TECHNOLOGY



Photometry for use with e22

Select OptiKit™ for desired distribution



Set adjust-e-lume™ Dial to desired output



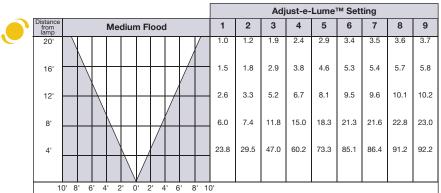
								Adj	ust-e-	Lume	™ Set	ting		
	Distance from lamp	Na	rro	w S	pot	1	2	3	4	5	6	7	8	9
	20'					2.4	2.9	4.9	6.1	7.3	8.8	9.1	9.3	9.3
	16'				\vdash	3.8	4.6	7.6	9.6	11.4	13.8	14.3	14.5	14.6
	12'		\land			6.7	8.2	13.5	17.0	20.3	24.5	25.4	25.7	25.9
	8'		$\left \right $	$\left \right $		15.1	18.4	30.3	38.2	45.8	55.2	57.0	57.9	58.2
	4'		$\left \right $			60.3	73.6	121.3	152.8	183.1	220.9	228.2	231.6	232.8
	4	2	<u> </u>		2' 4	1								
l	4	2		, 2	. 4	,	Note:	If using I	No. 11 hor	eycomb l	oaffle mul	tiply footo	andle val	ues by .80

adjust <u>P</u>lume

TECHNOLOGY

							Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp		Sp	oot		1	2	3	4	5	6	7	8	9
20'					1.6	2.1	3.1	4.1	4.9	6.0	6.1	6.2	6.3
16'					2.5	3.3	4.9	6.4	7.6	9.3	9.6	9.8	9.9
12'					4.5	5.9	8.7	11.4	13.5	16.6	17.0	17.3	17.5
8'		\setminus		\square	10.2	13.2	19.5	25.6	30.5	37.3	38.3	39.0	39.4
4'					40.6	52.7	78.1	102.3	121.9	149.1	153.1	156.0	157.8
8	6' 4'	2' 0)' 2	2' 4' 6'	8'					40			

Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

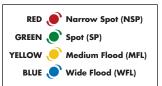
																		Adj	ust-e-	Lume	™ Set	ting		
	Distance from lamp						W	ide	Flo	od						1	2	3	4	5	6	7	8	9
C	20'														/	0.4	0.5	0.9	1.1	1.3	1.6	1.7	1.7	1.7
	16'		\rightarrow	\setminus									/	/		0.7	0.8	1.4	1.7	2.0	2.4	2.6	2.7	2.7
	12'												4			1.2	1.5	2.5	3.0	3.5	4.3	4.7	4.7	4.7
	8'											/				2.8	3.4	5.5	6.7	7.9	9.8	10.5	10.7	10.7
										/														
	4'						\rightarrow			/			-			11.1	13.4	22.2	26.8	31.7	39.0	41.9	42.6	42.7
								\backslash																
	14	4' 12	2' 10)' 8	6' 6	4	' 2	' 0)' 2	' 4	1' 6	6' 8	3' 1	0' 12	2' 1	4'								

Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



Photometry for use with e23

Select OptiKit[™] for desired distribution



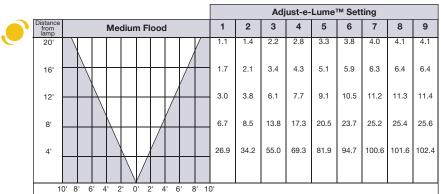
Set adjust-e-lume™ Dial to desired output



							Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp	Na	rrov	N S	pot	1	2	3	4	5	6	7	8	9
20'					2.7	3.7	5.5	6.9	8.5	10.1	10.4	10.6	10.6
16'					4.3	5.7	8.7	10.8	13.3	15.7	16.2	16.5	16.5
12'					7.6	10.2	15.4	19.2	23.6	27.9	28.8	29.3	29.4
8'		$\left\{ \right\}$	+		17.1	23.0	34.7	43.2	53.0	62.8	64.8	66.0	66.1
4'		$\left \right $			68.6	91.9	138.6	172.9	212.1	251.3	259.2	263.8	264.3
4	2)	0' 2	2' 4									
						Note:	If using I	No. 11 hor	eycomb l	oaffle mul	tiply footo	andle val	ues by .80

							Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp		Sp	ot		1	2	3	4	5	6	7	8	9
20'					1.9	2.4	3.7	4.8	6.0	6.8	7.1	7.1	7.1
16'					2.9	3.7	5.9	7.4	9.4	10.6	11.0	11.1	11.2
12'	-	_			5.2	6.6	10.4	13.2	16.7	18.9	19.6	19.8	19.8
8'					11.8	14.9	23.4	29.7	37.6	42.5	44.1	44.6	44.6
4'					47.0	59.6	93.6	118.9	150.3	170.1	176.3	178.3	178.6
			/		1								
8	6' 4'	2' 0	' 2	' 4' 6'	8'	1	1			1			

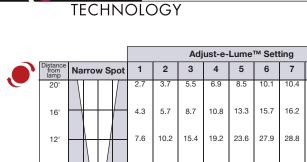
Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

																	Adj	ust-e-	Lume	™ Set	ting		
Distance from lamp						W	ide	Flo	od						1	2	3	4	5	6	7	8	9
20'														/	0.5	0.6	1.0	1.2	1.4	1.7	1.8	1.8	1.8
16'												/	/		0.8	1.0	1.5	1.8	2.2	2.7	2.8	2.8	2.9
12'											/	r 			1.3	1.8	2.7	3.3	3.9	4.7	4.9	5.0	5.1
8'					A										3.0	4.0	6.0	7.3	8.8	10.7	11.1	11.3	11.4
4'						\setminus									12.0	15.9	23.9	29.3	35.1	42.6	44.4	45.1	45.7
							\setminus																
14	4' 12	2' 10)' 8	6 '	6' 4	' 2	' 0	1'2	' 4	l' 6	6' 8	3' 1	0' 12	2' 1	4'								

Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



adjust <u>P</u>lume

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