

BKSSL
SOLID STATE LIGHTING



ADJUSTABLE WELL STAR™

PROJECT:

TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC

	AW	LED	e22	NSP	A9	BLW	12	11	CPC																																																																					
Example	AW	LED	e22	NSP	A9	BLW	12	11	CPC																																																																					
Series	AW - Adjustable Well Star™																																																																													
Source	LED - 'e' Technology with Integral Dimming Driver (25W min. load when dimmed) Designed for use with remote 12VAC BKSSL® transformers. Requires magnetic Low Voltage dimmer.																																																																													
LED Type	e36 - 8WLED/2.7K e22 - 8WLED/3K e23 - 8WLED/4K e27 - 8WLED/Amber																																																																													
Optics*	NSP - Narrow Spot (Red Indicator) SP - Spot (Green Indicator) MFL - Medium Flood (Yellow Indicator) WFL - Wide Flood (Blue Indicator)																																																																													
Adjust-e-Lume® Output Intensity**	(Choose factory setting) A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1 **Please see Adjust-e-Lume® photometry to determine desired intensity.																																																																													
Finish	<table border="1"><thead><tr><th colspan="2">Cast Brass Finish</th><th colspan="3">Premium Finish</th></tr></thead><tbody><tr><td>Machined</td><td>MAC</td><td>ABP</td><td>Antique Brass Powder</td><td>CMG</td><td>Cascade Mountain Granite</td><td>RMG</td><td>Rocky Mountain Granite</td></tr><tr><td>Polished</td><td>POL</td><td>AMG</td><td>Aleutian Mountain Granite</td><td>CRI</td><td>Cracked Ice</td><td>SDS</td><td>Sonoran Desert Sandstone</td></tr><tr><td>Mitique</td><td>MIT</td><td>AQW</td><td>Antique White</td><td>CRM</td><td>Cream</td><td>SMG</td><td>Sierra Mountain Granite</td></tr><tr><td>Powder Coat Color</td><td>Wrinkle</td><td>BCM</td><td>Black Chrome</td><td>HUG</td><td>Hunter Green</td><td>TXF</td><td>Textured Forest</td></tr><tr><td>Bronze</td><td>BZW</td><td>BGE</td><td>Beige</td><td>MDS</td><td>Mojave Desert Sandstone</td><td>WCP</td><td>Weathered Copper</td></tr><tr><td>Black</td><td>BLW</td><td>BPP</td><td>Brown Patina Powder</td><td>NBP</td><td>Natural Brass Powder</td><td>WIR</td><td>Weathered Iron</td></tr><tr><td>White (Gloss)</td><td>WHW</td><td>CAP</td><td>Clear Anodized Powder</td><td>OCP</td><td>Old Copper</td><td colspan="2">Also available in RAL Finishes See submittal SUB-1439-00</td></tr><tr><td>Verde</td><td>VER</td><td colspan="6"></td></tr></tbody></table>									Cast Brass Finish		Premium Finish			Machined	MAC	ABP	Antique Brass Powder	CMG	Cascade Mountain Granite	RMG	Rocky Mountain Granite	Polished	POL	AMG	Aleutian Mountain Granite	CRI	Cracked Ice	SDS	Sonoran Desert Sandstone	Mitique	MIT	AQW	Antique White	CRM	Cream	SMG	Sierra Mountain Granite	Powder Coat Color	Wrinkle	BCM	Black Chrome	HUG	Hunter Green	TXF	Textured Forest	Bronze	BZW	BGE	Beige	MDS	Mojave Desert Sandstone	WCP	Weathered Copper	Black	BLW	BPP	Brown Patina Powder	NBP	Natural Brass Powder	WIR	Weathered Iron	White (Gloss)	WHW	CAP	Clear Anodized Powder	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00		Verde	VER						
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Lens	12 - Soft Focus Lens 13 - Rectilinear Lens																																																																													
Shielding	11 - Honeycomb Baffle																																																																													
Options	CPC - Concrete Pour Collar (Must be factory installed)																																																																													

DRIVER DATA

Input Volts
12VAC/DC 50/60Hz

InRush Current
<1A (non-dimmed)

Dimmable
Magnetic Low Voltage Dimmer

Operation Ambient Temperature
-10°F-130°F

LM79 DATA

BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)
e36	2700K	8.4	90
e22	3100K	8.4	90
e23	4100K	8.4	75
e27	Amber (590nm)	7.9	~

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L70)
50,000
50,000
50,000
50,000

*OPTICAL DATA

Beam Type	Angle	Visual Indicator
Narrow Spot	14°	Red Dot
Spot	18°	Green Dot
Medium Flood	25°	Yellow Dot
Wide Flood	36°	Blue Dot

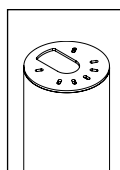
B-K LIGHTING

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DRAWING NUMBER
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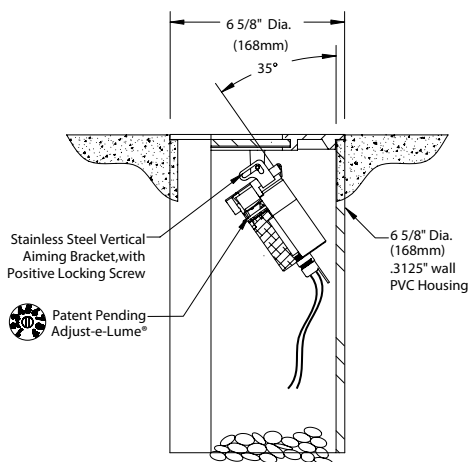
the power of
dimming with **adjust-e-lume**®
TECHNOLOGY

ADJUSTABLE WELL STAR™

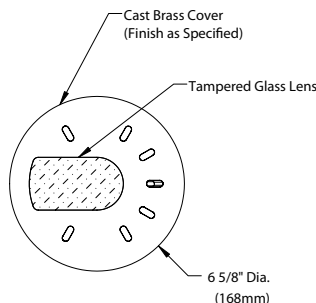
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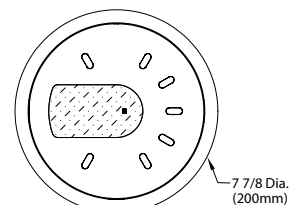
SIDE VIEW



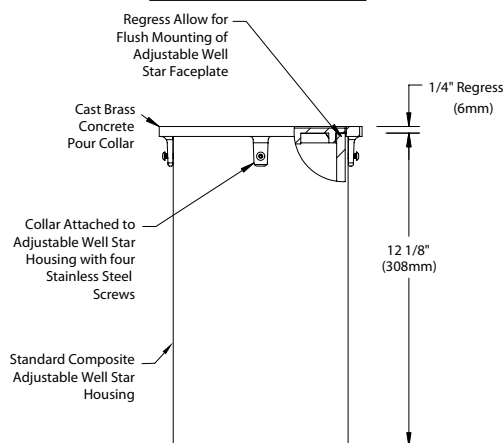
FACEPLATE DETAIL



FACEPLATE W/OPTIONAL CPC



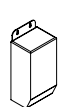
SIDE VIEW WITH CPC



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

Accessories (Configure separately)

Remote options:



TR Series



UPMRM™

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 for program requirements.

Materials

Furnished in Brass (Type 360).

Well Cover

Cast construction. Slotted, flow through design. (3) Visually concealed set screws for faceplate installation. Shock resistant, tempered secondary glass lens.

Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. High temperature, silicone 'O' Ring provides water-tight seal. Provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. Weather-tight cable connector with 5'0", 12Ga., 2 wire low voltage cable.

Cap

Fully machined. Accommodates [1] lens or louver media. Flush lens.

Lens

Shock resistant, tempered, primary glass lens is factory adhered to 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, over-voltage, 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.

Installation

6-5/8" dia., heavy wall composite housing for direct burial into soil or concrete. Flow through design for drainage (drain material by others). Optional concrete pour collar for flush installation with finished grade. Stainless steel vertical aiming bracket with positive locking screw permits up to 35° vertical adjustment from nadir. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

For direct burial 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

For use with 12VAC BKSSL remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

Wiring

Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard. Anti-Siphon Valve (ASV™) prevents "wicking" through conductor insulation.

Hardware

Tamper-resistant, stainless steel hardware.

Finish

Brass components are available in Class 'A' TGIC polyester powder coat or handcrafted metal finish.

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 Subject 8750 and Certified to CAN/CSA Standard C22.2 No. 9. RoHS compliant. Suitable for use in wet locations. Suitable for ground-mounted recessed. IP66 Rated. Made in 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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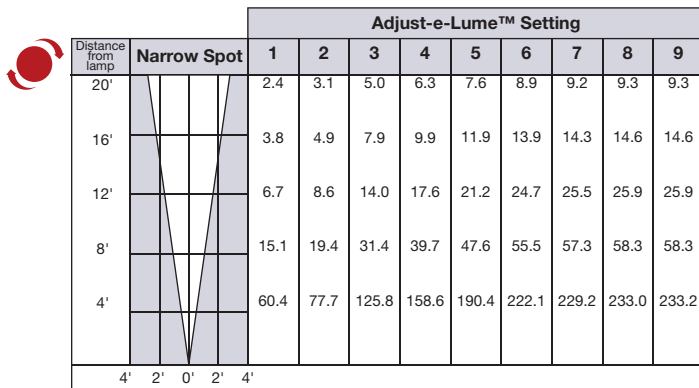
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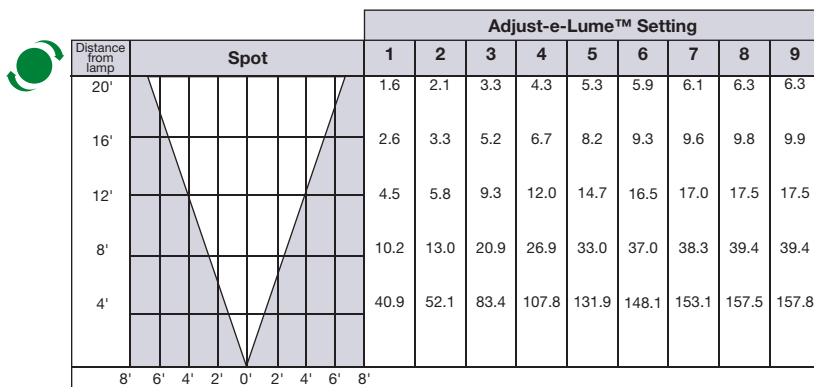
Select OptiKit™ for desired distribution

- RED**  **Narrow Spot (NSP)**
- GREEN**  **Spot (SP)**
- YELLOW**  **Medium Flood (MFL)**
- BLUE**  **Wide Flood (WFL)**

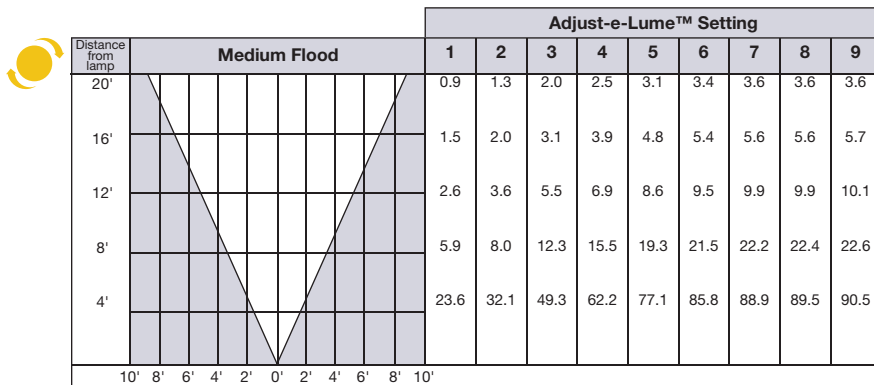
Set adjust-e-lume™ Dial to desired output



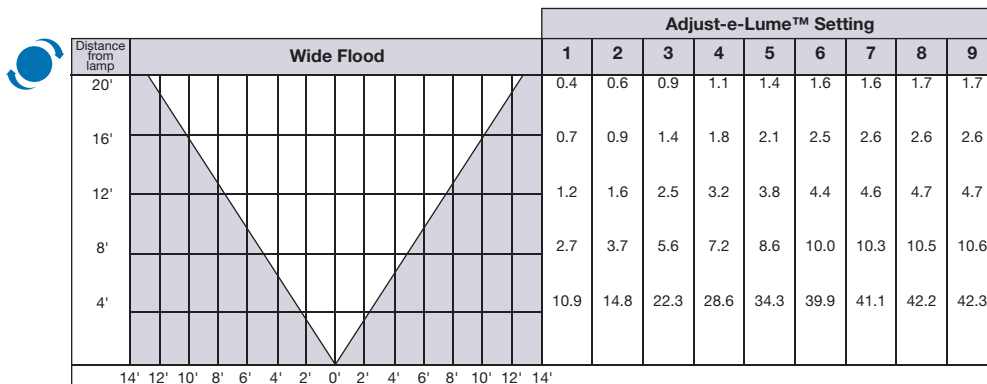
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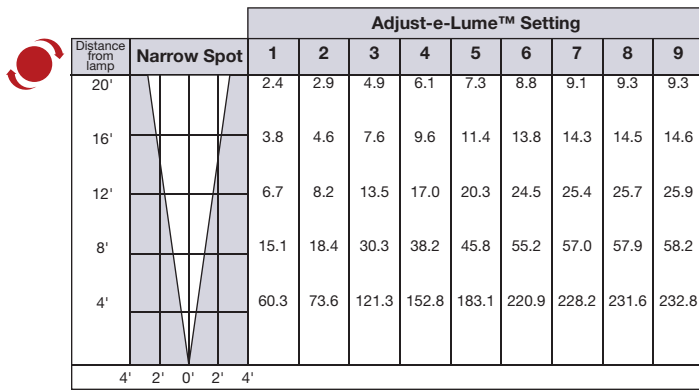


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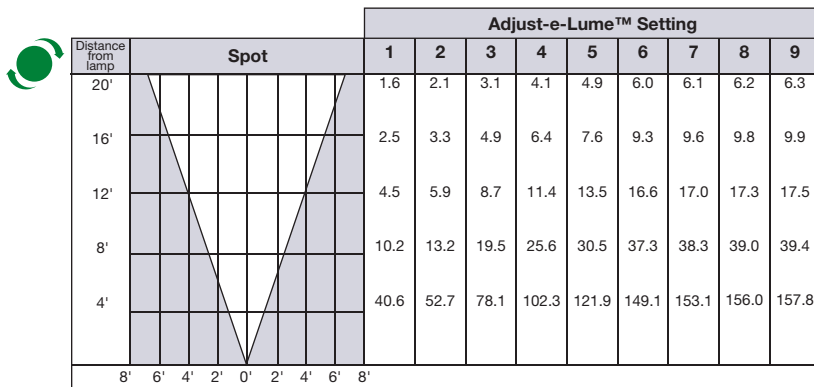
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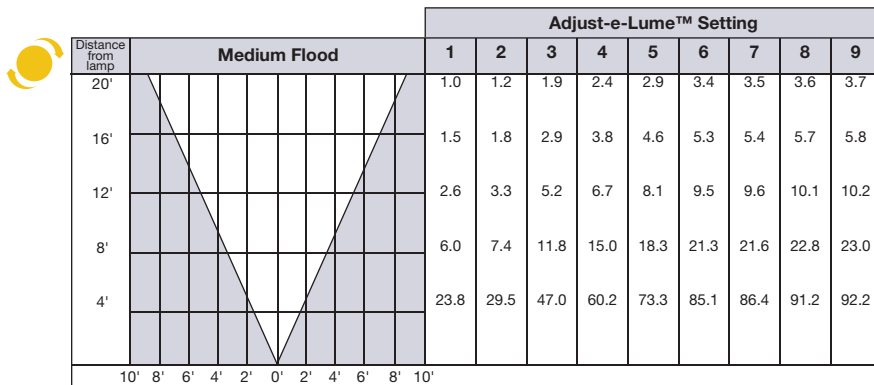
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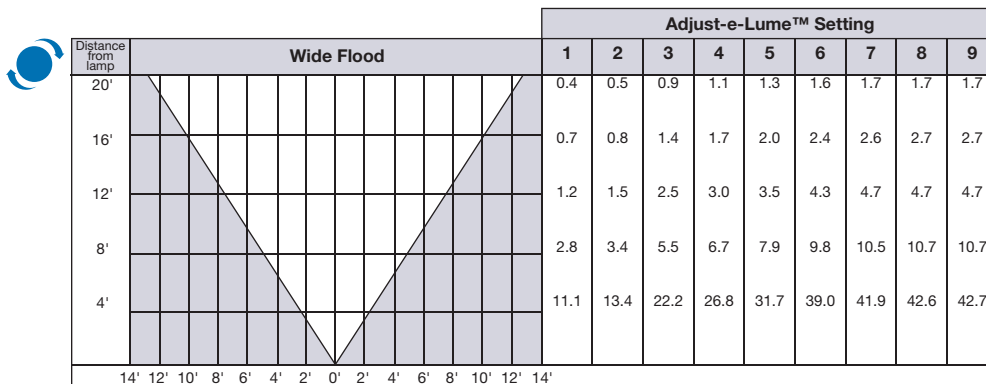
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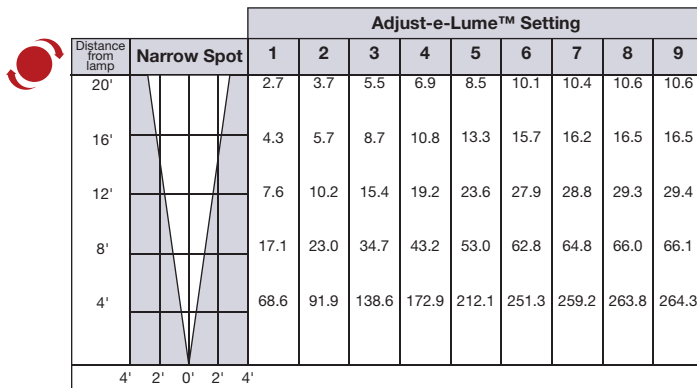


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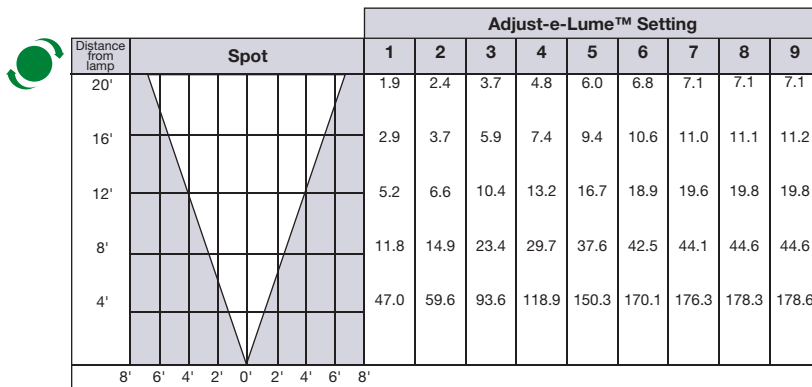
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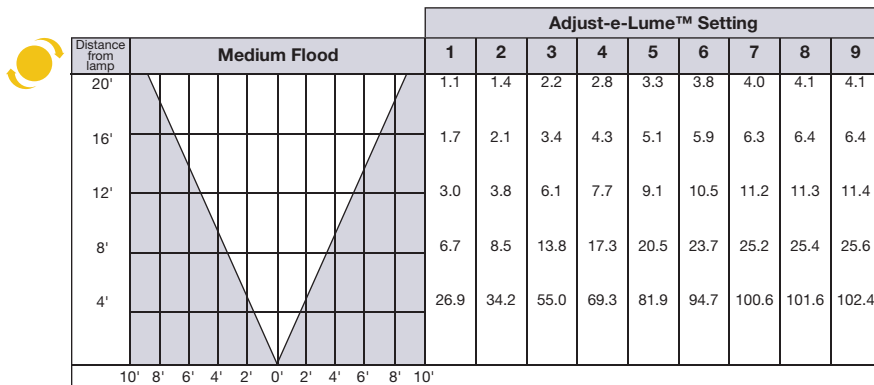
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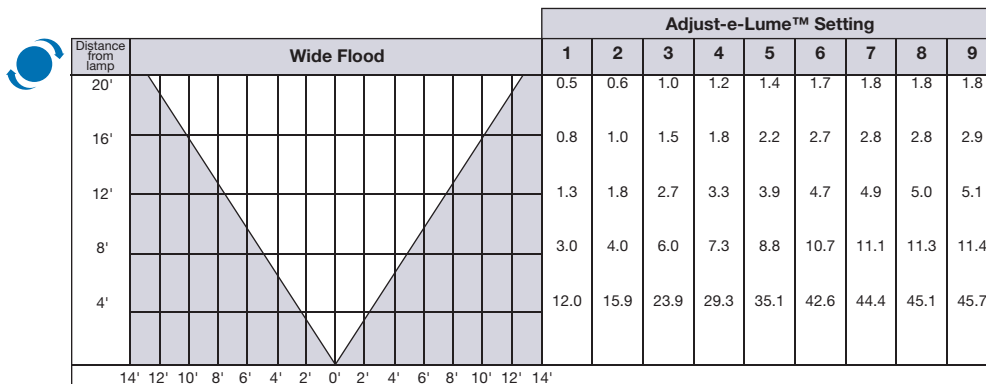
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