

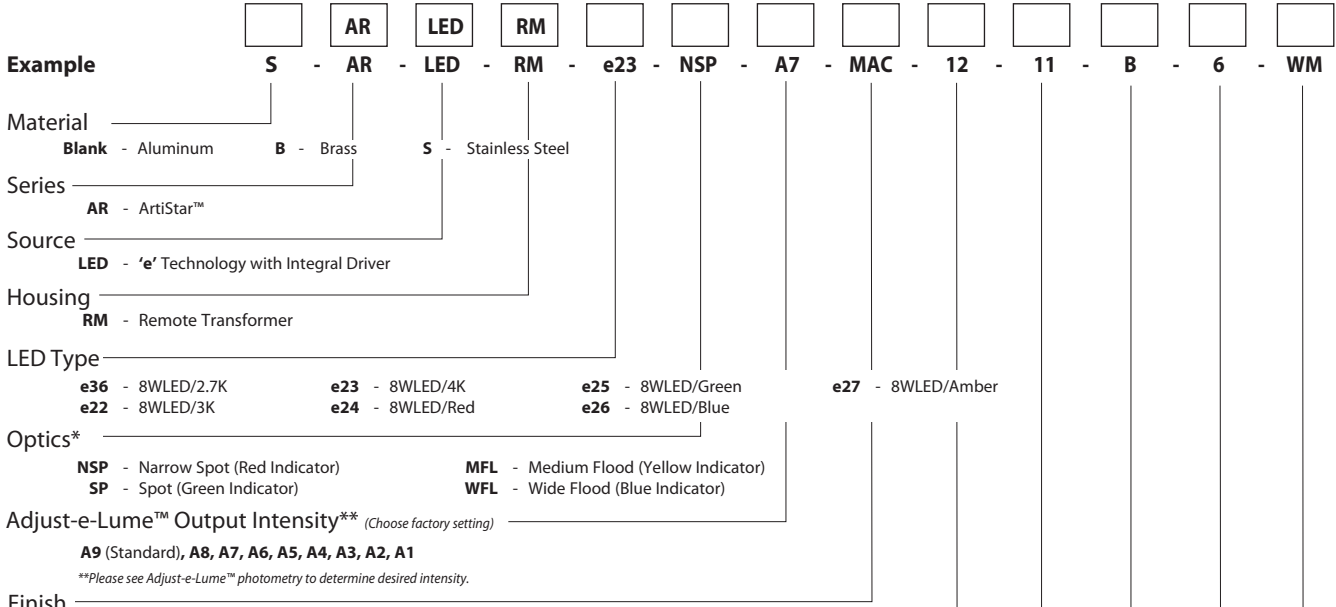
**ArtiStar™**  
**BKSSL**  
 SOLID STATE LIGHTING  
 Remote Transformer



**ARTISTAR™**

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

**CATALOG NUMBER LOGIC**



Aluminum Finish			Brass Finish		Premium Finish		
Powder Coat Color	Satin	Wrinkle	Machined	MAC	ABP	CMG	RMG
Bronze	BZP	BZW	Polished	POL	AMG	CRI	SDS
Black	BLP	BLW	Mitique™	MIT	AQW	CRM	SMG
White (Gloss)	WHP	WHW	Stainless Finish		BCM	HUG	TXF
Aluminum	SAP	—	Machined	MAC	BGE	MDS	WCP
Verde	—	VER	Polished	POL	BPP	NBP	WIR
			Brushed	BRU <small>Interior use only.</small>	CAP	OCP	Also available in RAL Finishes See submittal SUB-1439-00

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

Shielding: 11 - Honeycomb Baffle

Cap Style: A - 45°, B - 90°, C - Flush, D - 45° less Weep Hole (Interior Use Only), E - 90° less Weep Hole (Interior Use Only)

Base Height: 3 - 3" with Anchor Base, 6 - 6" with Anchor Base, 12 - 12" with Anchor Base, 18 - 18" with Anchor Base, 24 - 24" with Anchor Base

Option: PP - Power Pipe™ option with 18" Stake, SF - Stability Flange (for use with Power Pipe™), WM - Wall or ceiling Mount with 5" dia. canopy\*\*  
 \*\*Base height limited to 6" max. with brass and stainless steel fixtures

**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
e24	Red (627nm)	7.9	~
e25	Green (530nm)	8.4	~
e26	Blue (470nm)	8.4	~
e27	Amber (590nm)	7.9	~

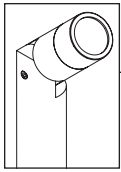
**L70 DATA**

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

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



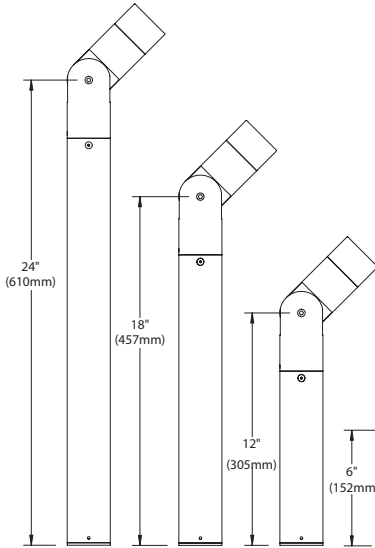
**ArtiStar™**  
**BKSSL**  
 SOLID STATE LIGHTING  
 Remote Transformer



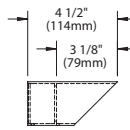
**ARTISTAR™**

<b>PROJECT:</b>	
<b>TYPE:</b>	

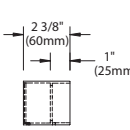
**ANCHOR BASE STANDARD MOUNT**



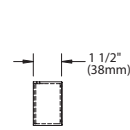
**"A/D" CAP**



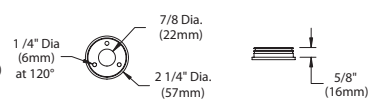
**"B/E" CAP**



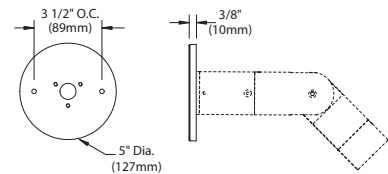
**"C" CAP**



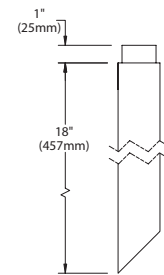
**STANDARD BASE**



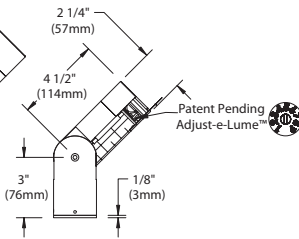
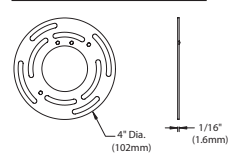
**WALL MOUNT CANOPY**



**POWER PIPE**



**UNIVERSAL RING**



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 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 GreenSource efficacy and recycling rebate(s). Consult [www.bklighting.com/greensource](http://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**

'Aim and Lock' 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. 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'), 1" deep bezel with 90° cutoff ('B' or 'E'), or flush lens ('C') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole 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 non-dimming driver. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

**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 = Blue.

**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*.

**Installation**

Available for installation in three distinct mounting conditions:

**Anchor Base (Standard)**

Machined anchor base with 7/8" dia. slip conduit hole and [3] 3/16" dia. anchor bolt holes (hardware by others).

**Power Pipe™** (Optional)

Provides a clean transition from wiring system to fixture. Schedule 80, 18" PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability.

**Wall Mount Canopy (Optional)**

Optional 5" dia. machined canopy permits mounting to junction box (gasket by others). 6" maximum base height for canopy-mounted brass or stainless steel fixture.

**Remote Transformer**

For use with 12VAC remote transformer.

**Wiring**

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

**Hardware**

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

**Finish**

StarGuard® (Pat. Pend.), a 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](http://www.lightingfacts.com)). ETL Listed to ANSI/UL Standard 1838 and UL Standard 8750. Certified to CAN/CSA Standard C22.2 No. 9. 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 Protection Agency.






<b>B-K LIGHTING</b>	40429 Brickyard Drive • Madera, CA 93636 • USA 559.438.5800 • FAX 559.438.5900 <a href="http://www.bklighting.com">www.bklighting.com</a> • <a href="mailto:info@bklighting.com">info@bklighting.com</a>	SUBMITTAL DATE 12-13-11	DRAWING NUMBER SUB001107
---------------------	--	----------------------------	-----------------------------

Select OptiKit™ for desired distribution

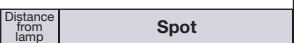

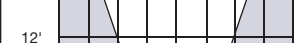


- RED**  **Narrow Spot (NSP)**
- GREEN**  **Spot (SP)**
- YELLOW**  **Medium Flood (MFL)**
- BLUE**  **Wide Flood (WFL)**

Set adjust-e-lume™ Dial to desired output


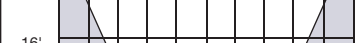
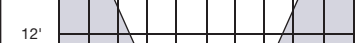
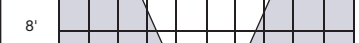



Distance from lamp	Narrow Spot	Adjust-e-Lume™ Setting								
		1	2	3	4	5	6	7	8	9
20'		2.4	3.1	5.0	6.3	7.6	8.9	9.2	9.3	9.3
16'		3.8	4.9	7.9	9.9	11.9	13.9	14.3	14.6	14.6
12'		6.7	8.6	14.0	17.6	21.2	24.7	25.5	25.9	25.9
8'		15.1	19.4	31.4	39.7	47.6	55.5	57.3	58.3	58.3
4'		60.4	77.7	125.8	158.6	190.4	222.1	229.2	233.0	233.2
	4' 2' 0' 2' 4'									


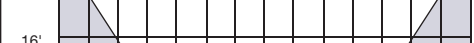
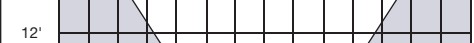


Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

Distance from lamp	Spot	Adjust-e-Lume™ Setting								
		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

Distance from lamp	Medium Flood	Adjust-e-Lume™ Setting								
		1	2	3	4	5	6	7	8	9
20'		0.9	1.3	2.0	2.5	3.1	3.4	3.6	3.6	3.6
16'		1.5	2.0	3.1	3.9	4.8	5.4	5.6	5.6	5.7
12'		2.6	3.6	5.5	6.9	8.6	9.5	9.9	9.9	10.1
8'		5.9	8.0	12.3	15.5	19.3	21.5	22.2	22.4	22.6
4'		23.6	32.1	49.3	62.2	77.1	85.8	88.9	89.5	90.5
	10' 8' 6' 4' 2' 0' 2' 4' 6' 8' 10'									

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

Distance from lamp	Wide Flood	Adjust-e-Lume™ Setting								
		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'		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'		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' 12' 10' 8' 6' 4' 2' 0' 2' 4' 6' 8' 10' 12' 14'									





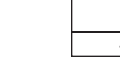
Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

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





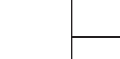


Distance from lamp	Narrow Spot	Adjust-e-Lume™ Setting									
		1	2	3	4	5	6	7	8	9	
20'		2.4	2.9	4.9	6.1	7.3	8.8	9.1	9.3	9.3	
16'		3.8	4.6	7.6	9.6	11.4	13.8	14.3	14.5	14.6	
12'		6.7	8.2	13.5	17.0	20.3	24.5	25.4	25.7	25.9	
8'		15.1	18.4	30.3	38.2	45.8	55.2	57.0	57.9	58.2	
4'		60.3	73.6	121.3	152.8	183.1	220.9	228.2	231.6	232.8	
		4'	2'	0'	2'	4'					





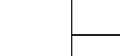
Note: If using No. 11 honeycomb baffle multiply footcandle values by .80

Distance from lamp	Spot	Adjust-e-Lume™ Setting								
		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'		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'	4'	6'	8'

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



Distance from lamp	Medium Flood	Adjust-e-Lume™ Setting										
		1	2	3	4	5	6	7	8	9		
20'		1.0	1.2	1.9	2.4	2.9	3.4	3.5	3.6	3.7		
16'		1.5	1.8	2.9	3.8	4.6	5.3	5.4	5.7	5.8		
12'		2.6	3.3	5.2	6.7	8.1	9.5	9.6	10.1	10.2		
8'		6.0	7.4	11.8	15.0	18.3	21.3	21.6	22.8	23.0		
4'		23.8	29.5	47.0	60.2	73.3	85.1	86.4	91.2	92.2		
		10'	8'	6'	4'	2'	0'	2'	4'	6'	8'	10'

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

Distance from lamp	Wide Flood	Adjust-e-Lume™ Setting														
		1	2	3	4	5	6	7	8	9						
20'		0.4	0.5	0.9	1.1	1.3	1.6	1.7	1.7	1.7						
16'		0.7	0.8	1.4	1.7	2.0	2.4	2.6	2.7	2.7						
12'		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'		11.1	13.4	22.2	26.8	31.7	39.0	41.9	42.6	42.7						
		14'	12'	10'	8'	6'	4'	2'	0'	2'	4'	6'	8'	10'	12'	14'

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

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



Distance from lamp	Narrow Spot	Adjust-e-Lume™ Setting									
		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'		17.1	23.0	34.7	43.2	53.0	62.8	64.8	66.0	66.1	
4'		68.6	91.9	138.6	172.9	212.1	251.3	259.2	263.8	264.3	
		4'	2'	0'	2'	4'					

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

Distance from lamp	Spot	Adjust-e-Lume™ Setting								
		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
		8'	6'	4'	2'	0'	2'	4'	6'	8'

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

Distance from lamp	Medium Flood	Adjust-e-Lume™ Setting										
		1	2	3	4	5	6	7	8	9		
20'		1.1	1.4	2.2	2.8	3.3	3.8	4.0	4.1	4.1		
16'		1.7	2.1	3.4	4.3	5.1	5.9	6.3	6.4	6.4		
12'		3.0	3.8	6.1	7.7	9.1	10.5	11.2	11.3	11.4		
8'		6.7	8.5	13.8	17.3	20.5	23.7	25.2	25.4	25.6		
4'		26.9	34.2	55.0	69.3	81.9	94.7	100.6	101.6	102.4		
		10'	8'	6'	4'	2'	0'	2'	4'	6'	8'	10'

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

Distance from lamp	Wide Flood	Adjust-e-Lume™ Setting														
		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'		1.3	1.8	2.7	3.3	3.9	4.7	4.9	5.0	5.1						
8'		3.0	4.0	6.0	7.3	8.8	10.7	11.1	11.3	11.4						
4'		12.0	15.9	23.9	29.3	35.1	42.6	44.4	45.1	45.7						
		14'	12'	10'	8'	6'	4'	2'	0'	2'	4'	6'	8'	10'	12'	14'

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

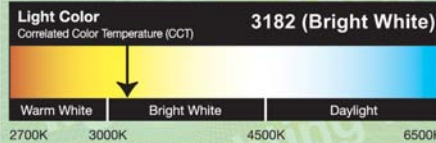
Arti-Star™ - RM Spot

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 253  
**Watts** 8.2  
**Lumens per Watt (Efficacy)** 30

**Color Accuracy** 83  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-RTRLYL  
 Model Number: AR-LED-RM-e22-SP-12-C  
 Type: Other

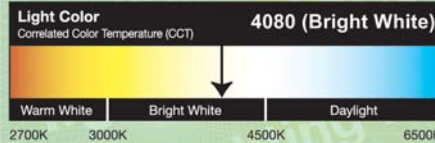
Arti-Star™ - RM-Spot

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 354  
**Watts** 8.1  
**Lumens per Watt (Efficacy)** 43

**Color Accuracy** 68  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-QT2RZV  
 Model Number: AR-LED-RM-e23-SP-12-C  
 Type: Other

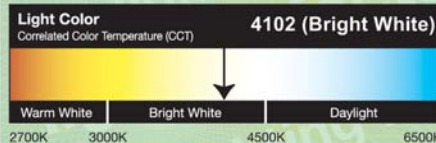
Arti-Star™ - RM Narrow Spot

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 365  
**Watts** 8.2  
**Lumens per Watt (Efficacy)** 44

**Color Accuracy** 68  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-SH4BSY  
 Model Number: AR-LED-RM-e23-NSP-12-C  
 Type: Other

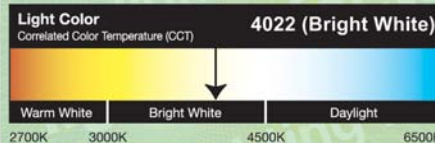
Arti-Star™ RM - Med. Flood Rectilinear

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 299  
**Watts** 8.5  
**Lumens per Watt (Efficacy)** 35

**Color Accuracy** 66  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-EKVSHP  
 Model Number: AR-LED-RM-e23-MFL-13-C  
 Type: Other

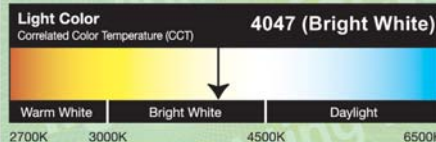
Arti-Star™ - RM - Med. Flood

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 346  
**Watts** 8.2  
**Lumens per Watt (Efficacy)** 42

**Color Accuracy** 68  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-PVE6B5  
 Model Number: AR-LED-RM-e23-MFL-12-C  
 Type: Other

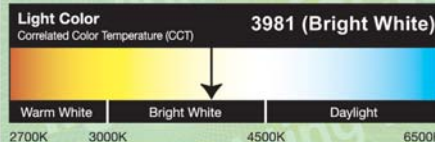
Arti-Star™ - RM W. Flood

# lighting facts<sup>CM</sup>

A Program of the U.S. DOE

**Light Output (Lumens)** 345  
**Watts** 8.3  
**Lumens per Watt (Efficacy)** 41

**Color Accuracy** 67  
 Color Rendering Index (CRI)



All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: GCXV-Y17BD7  
 Model Number: AR-LED-RM-e23-WFL-12-C  
 Type: Other