## ARTISTAR - CATENARY (INTEGRAL TRANSFORMER)

DATE:

```
PROJECT:
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TYPE

#### CATALOG NUMBER LOGIC:



## \*Please see Adjust-e-Lume photometry to determine desired intensity.

\*\*Accommodates up to 2 lens/shielding media.

#### CATALOG NUMBER LOGIC Example: CY - AR - LED - TR - e65 - MFL - A9 - BZW - 12 - 11 - C - MT - WC MATERIAL (Blank) - Aluminum B - Brass S - Stainless Steel SERIES CY - Catenary FIXTURE AR - ArtiStar SOURCE LED - with Integral Dimming Driver HOUSING TR - Integral Transformer LED TYPE e64 - 7W LED/2700K e79 - 7W LED/2700K 90CRI e65 - 7W LED/3000K e80 - 7W LED/3000K 90CRI e66 - 7W LED/4000K e81 - 7W LED/3500K 80CRI e74 - 7W LED/Amber OPTICS NSP - Narrow Spot (13°) MFL - Medium Flood (23°) SP - Spot (16°) WFL - Wide Flood (31°) ADJUST-E-LUME OUTPUT INTENSITY\* A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1 FINISH (See page 2 for full-color swatches) Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER) Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR) Also available in RAL Finishes Brass Finishes (MAC, POL, MIT) Stainless Steel Finishes (MAC, POL) LENS TYPE 9 - Clear (Standard) 12 - Soft Focus\*\* 13 - Rectilinear\*\* SHIELDING 11 - Honeycomb Baffle\*\* CAP STYLE C - Flush Lens D - 45° Less Weephole (Internal use only) E - 90° Less Weephole (Internal use only) F - 90° Flush Lens **INPUT VOLTAGE**

MT - 120-277 VAC Input

#### OPTION

WC - Supplemental Wire Clamp

**B-K LIGHTING** 

MADE IN THE USA

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12/06/2022 SKU - 1334

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ARTISTAR - CATENARY (INTEGRAL TRANSFORMER)

9 5/8" (244mm)

EPA ≈ 0.15ft<sup>2</sup>

"C" CAP

\* EPA shown includes fixture body \* Fixture Weight (LIST BELOW)

ALUMINUM

BRASS

STAINLESS

STANDARD FINISHES

Satin Bronze

Bronze Wrinkle

(BZP)

(BZW)

available finishes on our website.

Satin Black

Black Wrinkle

(BLP)

(BLW)

"C" CAP

2.53IBS

5.86IBS

5.57IBS

Satin White

White Wrinkle

(WHW)

Click Here to view larger, full-color swatches of all

(WHP)

"D" CAP

2.65IBS

6.24IBS

5.93IBS

2 1/4" Dia

(56mm)

15/8"

(42mm)

 $\odot$ 

EPA ≈ 0.19ft<sup>2</sup>

"D" CAP

"E" CAP

2.59IBS

6.05IBS

5.75IBS

Satin Aluminum

(SAP)

Verde

(VER)

12 3/4" (323mm)

"F" CAP

2.55IBS

5.93IBS

5.63IBS

PREMIUM FINISHES

Rocky Mtn.

Beige (BGE)

Brown Patina

Powder (BPP)

Antique White

(AQW)

Granite (RMG)

Cascade Mtn.

Granite (CMG)

Black Chrome

Antique Brass

Powder (ABP)

(BCM)

Cream

(CRM)

PROJECT:

DATE:

2 1/4" Dia

(56mm)

15/8"

(42mm)

Break-Thru Plug

#### 12/06/2022 SKU - 1334 SUB-2813-00

IGHT MADE IN THE USA 

TYPE:

2 1/4" Dia

(56mm)

15/8"

(42mm)

6

EPA ≈ 0.16ft<sup>2</sup>

"E" CAP

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Natural Brass Powder (NBP)

Sonoran Desert Sandstone (SDS)

Copper (WCP)

Sierra Mtn

Weathered Iron

(WIR)

Weathered

Granite (SMG)

21/4" Dia

(56mm)

15/8"

(42mm)

10 1/2"

(267mm)

0

.

 $EPA \approx 0.15 ft^2$ 

"F" CAP

Granite (AMG) Old Copper (OCP)

Aleutian Mtn (TXF) Hunter Green (HUG)

**IP66 RATED** 

(253mm)

Textured Forest

**Clear Anodized** 

Powder (CAP)

ARTISTAR - CATENARY (INTEGRAL TRANSFORMER)		IP66 RATED	
DATE:	PROJECT:	TYPE:	

Accessories (Configure separately)

## **SPECIFICATIONS**

ELECTRICAL	WATTAGE	7W LED
	ADJUST-E-LUME	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.
	WIRING	PVC coated, 18AWG, 150V, 60°C rated and certified to UL1838 standard. Anti-Wicking Connector prevents "wicking" through conductor insulation.
	TRANSFORMER	Integral, electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6), brass (360) or stainless steel (304).
	BODY	Unibody design is fully machined from solid billet and provides enclosed, water-proof wireway and integral heat sink for maximum component life. High temperature, silicone 'O' Ring provides water-tight seal.
	CAP	Fully machined and accommodates up to two (2) lens or louver media.
	LENS	Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.
	LED	Integrated solid state system and modular design with electrical quick disconnects is scalable for field upgrade and maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements and exceeds ENERGY STAR <sup>®</sup> 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 <250mA (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.
	OPTICS	Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution.
	BREAK-THRU PLUG	To create watertight seal, factory-installed break-thru plug must be used with round jacketed cable with a diameter of .130" min to .450" max (by others).
	INSTALLATION	Machined aluminum clamp for use with 1/4" O.D. stainless steel aircraft cable (by others).
	HARDWARE	Tamper-resistant, stainless steel hardware.
	OPTION	Supplemental wire support clamp provides extra strain relief.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
	WARRANTY	5-year limited warranty.
	CERTIFICATION & LISTING	UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use and in wet locations. IP66 Rated. Made in USA with sustainable processes.
c(VL)us		



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# LAMP & DRIVER DATA (e64, e65, e66, e74)

DATE:

PROJECT:

TYPE:

CATALOG NUMBER LOGIC:

DRIVER	Input Volts	InRush Current	Operating	Dimmable	Operation Ambient Temperature
DATA	12VAC/DC 50/60Hz	<250mA (non-dimmed)	700mA	Magnetic Low Voltage Dimmer	-22°F-194°F (-30°C - 90°C)

LM79 DATA			
BK No.	ССТ (Тур.)	CRI (Typ.)	Input Watts (Typ.)
	2700K	80	7
-64	2700K	80	7
e64	2700K	80	7
	2700K	80	7
	3000K	80	7
-05	3000K	80	7
e65	3000K	80	7
	3000K	80	7
e66	4000K	80	7
	Amber	80	7
	Amber	80	7
e74	Amber	80	7
	Amber	80	7

L70 DATA		
Minimum Rated Life (hrs.) 70% of initial lumens ( $L_{70}$ )		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		
50,000		

OPTICAL DATA				
CBCP	Delivered Lumens	Multiplier		
5993	456	0.87		
4546	445	0.87		
1726	397	0.87		
1131	399	0.87		
6131	466	0.89		
4650	455	0.89		
1766	406	0.89		
1157	409	0.89		
6889	524			
5225	511			
1984	456			
1300	459			
3,927	299	0.57		
2,978	291	0.57		
1,131	260	0.57		
741	262	0.57		
	CBCP 5993 4546 1726 1131 6131 4650 1766 1157 6889 5225 1984 1300 3,927 2,978 1,131	CBCP Delivered Lumens   5993 456   4546 445   1726 397   1131 399   6131 466   4650 455   1766 406   1157 409   6889 524   5225 511   1984 456   1300 459   3,927 299   2,978 291   1,131 260		

### **OPTICS**

Optic	Angle
NSP - Narrow Spot	13°
SP - Spot	16°
MFL - Medium Flood	23°
WFL - Wide Flood	31°

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