# DELTA STAR - SIGN STAR STYLE 'F' LED

DATE:

PROJECT:

TYPE

CATALOG NUMBER LOGIC:



\*36" maximum stem length with Power Canopy option.

\*\*Designed for use with 12 VAC. LED transformer. Requires magnetic low voltage dimmer.

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

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

## CATALOG NUMBER LOGIC

Example: SN - 30 - F - LED -e65 - SP - A7 - WHW - 12 - 11 - A - PC-TRe20

# MATERIAL

# Aluminum

SERIES

SN - Sign Star

## STEM LENGTH

18" (Standard), 24", 30", 36", \*42", or \*48"

### STYLE

F - 45° Radius

### SOURCE

LED - with Integral Dimming Driver\*\*

### LED TYPE

e64 - 7W LED/2700K e66 - 7W LED/4000K

e65 - 7W LED/3000K e74 - 7W LED/Amber

## OPTICS

SP - Spot (17°) MFL - Medium Flood (25°)

ADJUST-E-LUME OUTPUT INTENSITY\*\*\*

A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1

# FINISH

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

FL - Flood (30°)

(Also available in RAL Finishes. See submittal SUB-1439-00)

### LENS TYPE\*\*\*\*

12 - Soft Focus 13 - Rectilinear

## SHIELDING\*\*\*\*

11 - Honeycomb Baffle

CAP STYLE

#### A - 45°

B - 90°

C - Flush

D - 45° Less Weephole (Interior use only)

E - 90° Less Weephole (Interior use only)

F - 90° with Flush Lens

## OPTIONS

PC-TRe20 - Power Canopy with TRe20 Electronic Transformer (105-300 VAC. 50/60 Hz. non-dimming)\*

UPM - Universal Power Module

# **B-K LIGHTING**

MADE IN THE USA

559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

12/02/2020 SKU-1298

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# DELTA STAR - SIGN STAR STYLE 'F' LED

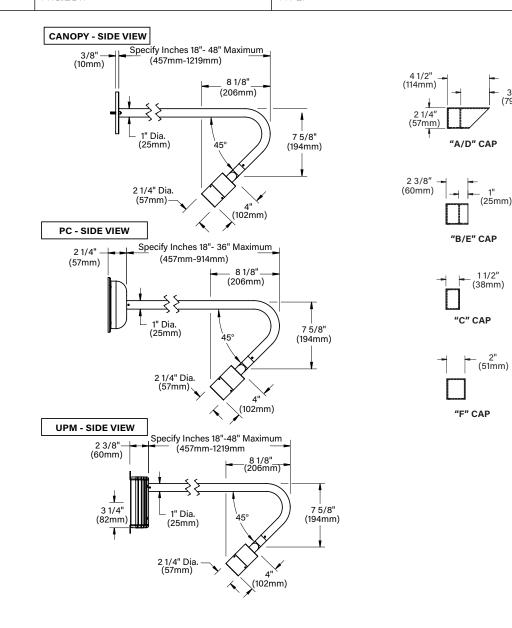
DATE:

PROJECT:

TYPE:

3 1/8"

(79mm)



### STANDARD FINISHES



<u>Click Here</u> to view larger, full-color swatches of all available finishes on our website.

## PREMIUM FINISHES



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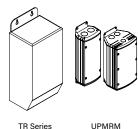
# DELTA STAR - SIGN STAR STYLE 'F' LED

DATE:

PROJECT:

TYPE:

ACCESSOrIES (Configure separately)



SPECIFICATIONS

#### ELECTRICAL 7W LED WATTAGE 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 UL 1838 standard. For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee REMOTE TRANSFORMER performance with third party manufacturers' transformers. MATERIALS PHYSICAL Furnished in copper-free aluminum (6061-T6). F style features single bend for 45° transition from fixture to stem. STYLE BODY Unibody design is fully machined from solid billet and 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 LOCK Knuckle is integral to the body and features an interior taper machined from solid billet and a second, reverse angle taper allowing full 180° vertical adjustment without the use of aim-limiting serrated teeth. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lbs. static load prior to movement for optical alignment with a 1/2" pipe thread for mounting. Fully machined and accommodates one (1) lens or louver media. CAP STEM Fully machined, 1" dia. with internal threads for maximum visual appeal. Available in configurable lengths to 48" maximum LENS Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Integrated solid state system. High power, forward throw source complies with ANSI C78.377 binning LED 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). LED technology provides long life, significant energy reduction and exceptional thermal management. DIMMING Line voltage dimmable via magnetic low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with LED loads should be loaded to 25% of the transformer VA (watts) rated value. Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution. OPTICS 5" dia., machined canopy permits mounting to 4" octagonal junction box. Junction box installation must be INSTALLATION designed to hold full fulcrum weight of fixture (junction box and gasket by others). HARDWARE Tamper-resistant, stainless steel hardware. LOCK aiming screw and canopy mounting screws are black oxide treated for additional corrosion resistance. **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. UL tested to IESNA LM-79. UL listed. Certified to CAN/CSA/ANSI standards. RoHS compliant. Suitable for **CERTIFICATION & LISTING** indoor or outdoor use, in wet locations, and for installation within 4' of the ground. IP66 Rated. Made in the USA with sustainable materials.

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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			Ά
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
	4000K	80	7
-00	4000K	80	7
e66	4000K	80	7
	4000K	80	7
	Amber	80	7
074	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					
Angle	CBCP	Delivered Lumens	Multiplier		
13°	5993	456	0.87		
16°	4546	445	0.87		
23°	1726	397	0.87		
31°	1131	399	0.87		
13°	6131	466	0.89		
16°	4650	455	0.89		
23	1766	406	0.89		
31°	1157	409	0.89		
13°	6889	524			
16°	5225	511			
23°	1984	456			
31°	1300	459			
13°	3,927	299	0.57		
16°	2,978	291	0.57		
23°	1,131	260	0.57		
31°	741	262	0.57		

# **OPTICS**

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

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