

DATE: PROJECT: TYPE:

CATALOG NUMBER LOGIC:



\*Requires Safety Cable (SC).

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

#### CATALOG NUMBER LOGIC

Example: SN - 36 - A - DE - LED - x59 - SP - SAP - 12 - 11 - B - SC

#### MATERIAL

Aluminum

#### SERIES

SN - Sign Star

#### STEM LENGTH

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

#### STYLE

A - Dual Bend, 90° Radius

#### FIXTURE

DE - Denali Series

#### SOURCE

LED - Chip on Board Technology

#### LED TYPE

x58 - 12W/2700K/80CRI    x62 - 20W/3000K/80CRI    x66 - 27W/4000K/80CRI

x59 - 12W/3000K/80CRI    x63 - 20W/4000K/80CRI    x67 - 27W/2700K/90CRI ✓

x60 - 12W/4000K/80CRI    x64 - 27W/2700K/80CRI    x68 - 27W/3000K/90CRI ✓

x61 - 20W/2700K/80CRI    x65 - 27W/3000K/80CRI    x69 - 27W/3500K/80CRI

#### OPTICS

SP - Spot (15°)    FL - Flood (35°)    WFL - Wide Flood (60°)

#### 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, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

#### LENS TYPE\*\*

9 - Clear (Standard)

10 - Spread    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)

#### OPTIONS

SC - Safety Cable with Mounting Canopy (Req. with 42" and above)



TITLE 24, JA8 COMPLIANT

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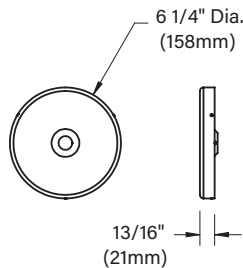
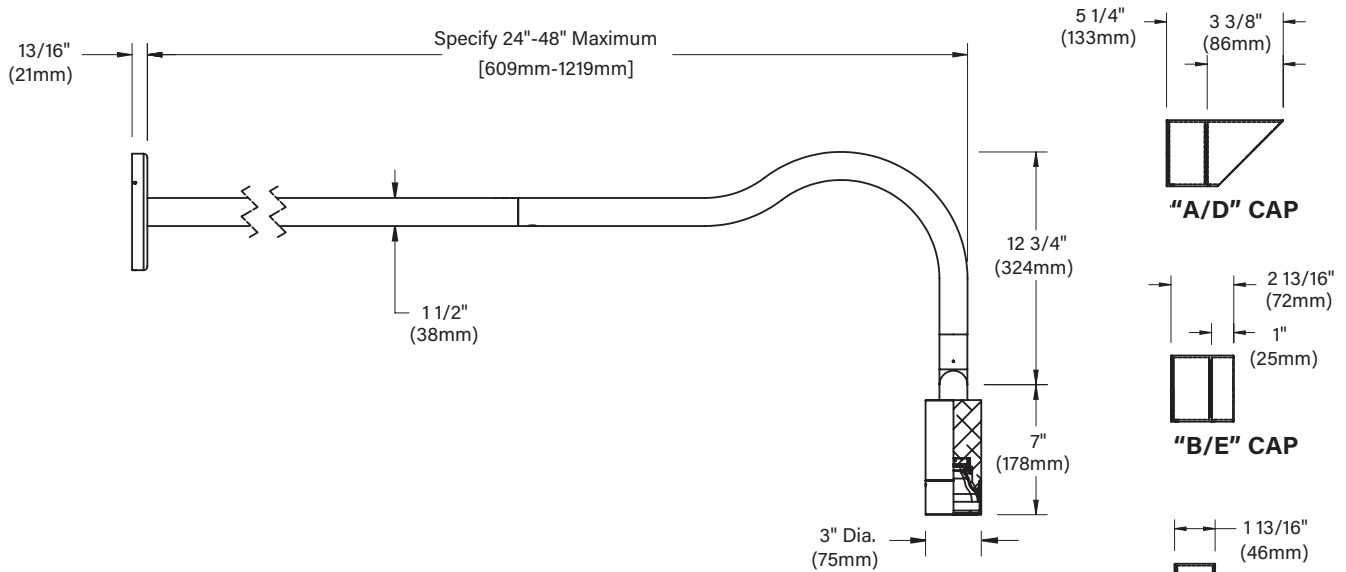
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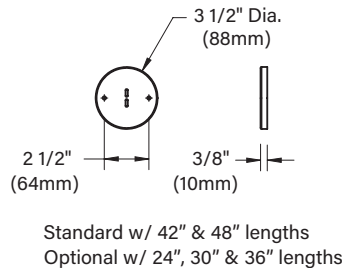
11/01/2021 SKU-1051  
SUB-2331-00

DATE:	PROJECT:	TYPE:
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## SIDE VIEW



## COVER DETAIL



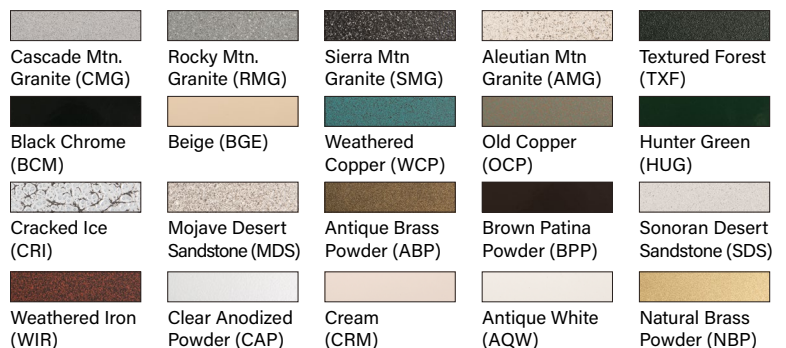
## SAFETY CABLE W/MOUNTING CANOPY

## STANDARD FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

## PREMIUM FINISHES



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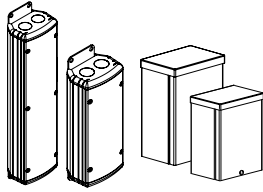
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# DENALI - SIGN STAR STYLE 'A' LED

IP66 RATED

DATE:	PROJECT:	TYPE:
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Accessories (Configure separately)



PM2DRM & PM2RM RM & DRM

## SPECIFICATIONS

ELECTRICAL	WATTAGE	12W, 20W, or 27W LED
	OPERATING VOLTAGE	Teflon® coated, 18AWG, 600V, 250°C rated and certified to UL 1659 standard.
	REMOTE DRIVER	For use with remote LED driver. See remote driver submittal to determine remote distance and wiring requirements prior to detailing field installation of any remote wiring.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6).
	STYLE	A style features dual bend, 90° radius from fixture to stem.
	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. Anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.
	KNUCKLE	Patented 360HD mounting system features a mechanical taper-lock, which allows a 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 to ensure decades of optical alignment. 1/2" pipe thread for mounting. Biaxial source control provides 360° horizontal rotation in addition to vertical adjustment. Aim & Lock technology allows precision adjustment without the redundant tightening and loosening of knuckle screw.
	CAP	Fully machined and accommodates 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. LM-80 certified. Title 24, JA8 compliant. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.
	COLOR MANAGEMENT	Corrected cold phosphor technology delivers near-perfect natural white light. Long term phosphor maintenance over product life. Exact color point conformity exceeds ANSI C78.377 standard. Provides uniform beam with no color variation over angle. Module exceeds 80 CRI (RA>80, R9>16).
	OPTICS	Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution.
	INSTALLATION	6 1/4" dia., machined canopy permits mounting to 4" octagonal junction box. Junction box installation must be designed to hold full fulcrum weight of fixture (junction box and gasket by others). Optional safety cable with mounting canopy maintains secondary support (standard with 42" and 48" lengths).
	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.
	CERTIFICATION & LISTING	UL tested to IESNA LM-79. UL listed. Certified to CAN/CSA/ANSI standards. RoHS compliant. Title 24, JA8 compliant. Suitable for indoor or outdoor use, in wet locations, and for installation within 4' of the ground. IP66 Rated. Made in the USA with sustainable materials.



TITLE 24, JA8



RoHS



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11/01/2021 SKU-1051  
SUB-2331-00

LAMP & DRIVER DATA (x58, x59, x60, x61, x62, x63, x64, x65, x66, x67, x68)

DATE:

PROJECT:

TYPE:

DRIVER ELECTRICAL DATA

Type	LED Type	AC Input Range	Frequency Hz	Power Factor At Full Load (Efficiency)	THD	InRush Current	Operating Current	Operation Ambient Temperature	Dimmer Type	Dimmer Range
INC	x58-x63	105-305Vac	50/60	> 0.94	≤5%	< 250mA	700mA	-30° C ~ 50°C	Incandescent	10-100%
INC	x64-x66	105-305Vac	50/60	> 0.94	≤5%	< 250mA	700mA	-30° C ~ 50°C	TRIAC/ELV, (120 Only)	10-100%
010	x64-x66	120-277Vac	50/60	> 0.90	<20%	6A	700mA	-30° C ~ 70°C	0-10, (120 only)	10-100%

LM79 DATA

BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts
x58	2700	80	12
x61	2700	80	20
x64	2700	80	27
<b>x67</b>	<b>2700</b>	<b>90</b>	<b>27</b>
x64	2700	80	27
<b>x67</b>	<b>2700</b>	<b>90</b>	<b>27</b>
x64	2700	80	27
<b>x67</b>	<b>2700</b>	<b>90</b>	<b>27</b>
x59	3000	80	12
x62	3000	80	20
x65	3000	80	27
<b>x68</b>	<b>3000</b>	<b>90</b>	<b>27</b>
x65	3000	80	27
<b>x68</b>	<b>3000</b>	<b>90</b>	<b>27</b>
x65	3000	80	27
<b>x68</b>	<b>3000</b>	<b>90</b>	<b>27</b>
x60	4000	80	12
x60	4000	80	12
x60	4000	80	12
x63	4000	80	20
x63	4000	80	20
x63	4000	80	20
x66	4000	80	27
x66	4000	80	27
x66	4000	80	27

L70 Data
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OPTICAL DATA

Angle	CBCP	Del. Lumens	Multiplier
15	3865	721	0.85
15	7103	1307	0.91
15	15656	1767	0.92
<b>15</b>	<b>16167</b>	<b>1986</b>	<b>1.03</b>
35	4649	1586	0.92
<b>35</b>	<b>4801</b>	<b>1782</b>	<b>1.03</b>
60	1515	1383	.92
<b>60</b>	<b>1564</b>	<b>1555</b>	<b>1.03</b>
15	4048	756	0.89
15	7478	1376	0.96
15	16132	1820	0.95
<b>15</b>	<b>16659</b>	<b>1880</b>	<b>1.03</b>
35	4791	1634	0.95
<b>35</b>	<b>4947</b>	<b>1687</b>	<b>1.03</b>
60	1561	1426	0.95
<b>60</b>	<b>1612</b>	<b>1472</b>	<b>1.03</b>
15	4561	851	
35	1762	780	
60	740	736	
15	7800	1435	
35	2880	1235	
60	1152	1168	
15	17042	1923	
35	5061	1726	
60	1649	1506	

OPTICS

Optic	Angle
Spot	15°
Flood	35°
Wide Flood	60°

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