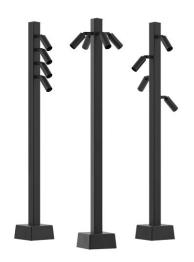
PROJECT: TYPE DATE:

CATALOG NUMBER LOGIC:



*Only available with Horizontal Mounting.

**120V only.

CATALOG NUMBER LOGIC

Example: SS4 - V1 - 12 - DE - TR - x122 - FL - 12 - 11 - A - INC - 120 - BLP

MATERIAL

(Blank) - Aluminum S - Steel

SERIES

SS4 - Square Straight 4"

NUMBER OF FLOODLIGHTS & ORIENTATION

Vertical

V1 - 1 Fixture V2 - 2 Fixtures V3 - 3 Fixtures V4 - 4 Fixtures

Horizontal

H2090 - 2 Fixtures @ 90° H2180 - 2 Fixtures @ 180°

H3090 - 3 Fixtures @ 90° H4090 - 4 Fixtures @ 90°

Spiral (90° Clockwise Spacing)

R2 - 2 Fixtures R3 - 3 Fixtures R4 - 4 Fixtures

HEIGHT

8 - 8' *

10 - 10' *

12 - 12'

16 - 16'

20 - 20'

FIXTURE SERIES

DE - TR - Denali Integral

LED TYPE		
x98 - 13W LED/2700K/80CRI	x101 - 13W LED/2700K/90CRI	\odot
x99 - 13W LED/3000K/80CRI	x102 - 13W LED/3000K/90CRI	\odot
x103 - 13W LED/3500K/80CRI	x104 - 13W LED/3500K/90CRI	\odot
x100 - 13W LED/4000K/80CRI	x121 - 13W LED/4000K/90CRI	\odot
x122 - 21W LED/2700K/80CRI	x126 - 21W LED/2700K/90CRI	\odot
x123 - 21W LED/3000K/80CRI	x127 - 21W LED/3000K/90CRI	\odot
x124 - 21W LED/3500K/80CRI	x128 - 21W LED/3500K/90CRI	\odot
x125 - 21W LED/4000K/80CRI	x129 - 21W LED/4000K/90CRI	\odot

OPTICS

SP - Spot (17°) FL - Flood (45°) WFL - Wide Flood (55°)

LENS TYPE

9 - Clear (Included)

12 - Soft Focus 13 - Rectilinear

SHIELDING

11 - Honeycomb Baffle

CAP STYLE

A - 45°

B - 90°

C - Flush

D - 45° Less Weep Hole (Downward Aiming Only)

E - 90° Less Weep Hole (Downward Aiming Only)



MADE IN THE USA

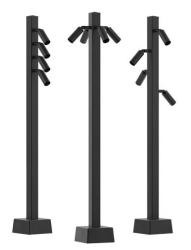
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DENALI SQUARE POLE (INTEGRAL)

IP66 RATED

DATE: PROJECT: TYPE:

CATALOG NUMBER LOGIC:



CONTROL

ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)**

INC - Dimming Driver (For use with Incandescent Dimmer)**

010 - 0-10V Dimming Driver (Dimming ≤3-100%)

INPUT VOLTAGE

120 - 120 VAC

277 - 277 VAC

FINISH (See page 4 for full-color swatches) (Applies to pole and fixture)

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)

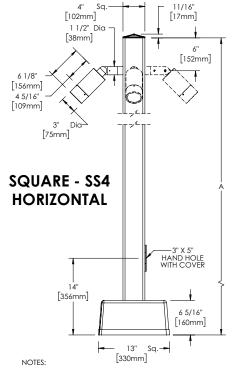
Also available in RAL Finishes

*Only available with Horizontal Mounting.

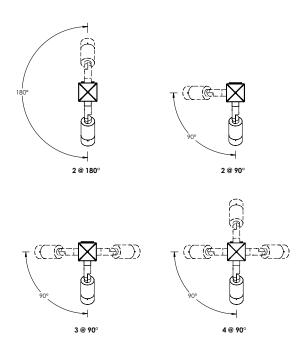
**120V only.



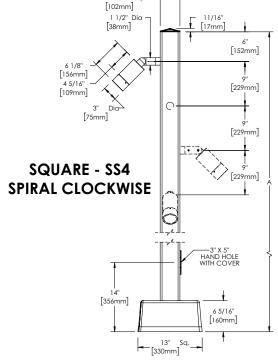
DATE: PROJECT: TYPE:







 ALL SS4 POLES ARE OFFERED WITH A 120mph WINDSPEED RATING, WITH A 1.3 GUST FACTOR, UNDER 1994 AASHTO LTS-3.



2 @ SPIRAL CLOCKWISE WITH 90° SPACING

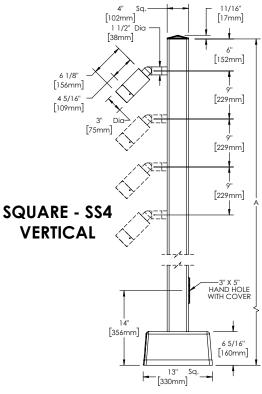
3 @ SPIRAL CLOCKWISE WITH 90° SPACING

4 @ SPIRAL CLOCKWISE WITH 90° SPACING

NOTES:

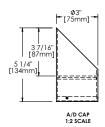
1. "A" LENGTH DIMENSION OPTIONS: 12ft, 16ft, AND 20ft.

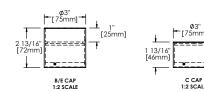
 ALL SS4 POLES ARE OFFERED WITH A 120mph WINDSPEED RATING, WITH A 1.3 GUST FACTOR, UNDER 1994 AASHTO LTS-3. DATE: PROJECT: TYPE:



NOTES:

- 1. "A" LENGTH DIMENSION OPTIONS: 12ft, 16ft, AND 20ft.
- ALL SS4 POLES ARE OFFERED WITH A 120mph WINDSPEED RATING, WITH A 1.3 GUST FACTOR, UNDER 1994 AASHTO LTS-3.



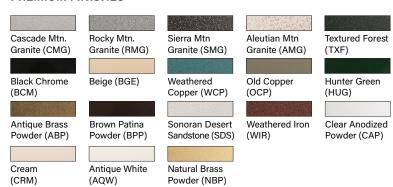


STANDARD FINISHES



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

PREMIUM FINISHES



MADE IN THE USA

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IP66 RATED

DATE: PROJECT: TYPE:

Accessories (Configure separately)

SPECIFICATIONS

ELECTRICAL	WATTAGE	13W or 21W LED				
	LED	COB technology and modular design with electrical quick disconnects allow for easy field upgrade and maintenance. LM-80 certified. Title 24, JA8 compliant options available. Minimum 50,000 hour rated life at 70% of initial lumens (L70).				
	COLOR MANAGEMENT	COB technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (RA>80, R9.16). Color point uniformity 2 SDCM color control for 2700K-4000K CCT.				
	WIRING	INC/ELV Wiring: 3 Wire, 18GA, Stranded, XLPE, 125°C, 300V, UL3265 rated wire 0-10 Wiring: 5 Wire, (3) 18GA and (2) 22GA, Stranded, XLPE, 125°C, 300V, UL3265 rated wire. Fixtures provided with 25ft leads.				
	DRIVER	Incandescent/ELV Control Option Driver: Dimming driver for use with standard incandescent or electronic low voltage dimmers (10-100% range), 120VAC only. 0-10 Control Option Driver: Dimming driver for use with standard 0-10V dimmers (≤3-100% dim. range), 120-277VAC. With [1] 440mA (13W) / 700mA (21W). 50/60Hz. >0.9 Power Factor, (INC/ELV)10.0A/(0-10) <250mA inrush current , .20%THD (nominal at 120VAC full load). Output over-voltage, overcurrent, and short circuit protection with auto recovery. Class 2 power supply; FCC47CFR Part 15 Compliant Class B (120VAC)/Class A (277VAC).				
PHYSICAL	MATERIALS	Fixture furnished in copper-free aluminum (6061-T6).				
		Aluminum pole shafts are extruded from all new 6063 alloy aluminum tubing and heat treated to produce a T6 temper. Steel pole shafts are a one-piece construction - fabricated from a weldable grade carbon steel structural tubing with uniform wall thickness.				
	BODY	Fixture has a unibody design with an enclosed, water-proof wireway and integral heat sink that is fully machined from solid billet. Anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.				
	KNUCKLE	Fixture includes 360HD Mounting System that features a mechanical taper lock, 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 ½" pipe thread for mounting. Biaxial source control additionally 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	Fixture cap fully machined and accommodates two (2) lens or louver media.				
TITLE 24, JA8	LENS	Fixture cap provided with shock-resistant, tempered glass lens that is factory adhered to fixture cap and provides hermetically sealed optical compartment.				
	OPTICS	Fixture provided with interchangeable optics that permit changes in the field.				
TITLE 24, JA8 CUL US LISTED ROHS	HARDWARE	Fixture provided with tamper-resistant, stainless steel hardware. 360HD hardware is black oxide treated for additional corrosion resistance.				
RoHS∜		Pole provided with tamper-resistant, stainless steel hardware.				
MADEINTHE	HANDHOLE	Grounding location 14" from the base of the pole. Round poles are provided with a 2" x 4" hand hole cover. Square poles are provided with a 3" x 5" hand hole cover. Hardware is included.				



MADE IN THE USA

DATE: PROJECT: TYPE:

SPECIFICATIONS

PHYSICAL	ANCHOR KIT	Anchor bolts conform to AASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an 'L' bend on one end and are galvanized a minimum of 12" on the threaded
		end.

BASE COVER All standard poles come with a 2-piece cast aluminum base cover (Dart AC1/Dart 2T02AC from

Valmont)

FINISH StarGuard, our 15-stage chromate-free process applied to fixtures, cleans and conversion coats

aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS

compliant.

Pole comes complete with a 6-stage finishing process. All products receive the following: Cleaning, Phosphate Rinse (Steel Poles Only), Powder Coat Application, Curing, Palgard Epoxy Coating, and Blue Wrap. Blue Wrap is a multi-layered, UV and tear-resistant, vinyl bubble wrap designed to ensure

the products reach the job site in top condition.

WARRANTY 5-year limited warranty on fixture.

5-year finish warranty on pole provides a level of corrosion protection with the addition of an internal

rust inhibitor.

CERTIFICATION & LISTING UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant

components. 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 processes









SUB-2875-00

LAMP & DRIVER DATA (page 1 of 2)

LM79 DATA

DATE: PROJECT: TYPE:

DRIVER ELECTRICAL DATA

Туре	AC Input Range	Frequency Hz	Power Factor At Full Load (Efficiency)	THD	InRush Current	Operating Current	Operation Ambient Temperature	Dimmer Type	Dimmer Range
Integral	120VAC	50/60	> 0.9	20%	10A	440mA (13W)/700mA (21W)	-30° C ~ 70°C	TRIAC/ELV	1-100%
Integral	105-300VAC	50/60	> 0.9	20%	<250mA	440mA (13W)/700mA (21W)	-30° C ~ 90°C	0-10	≤3-100%

Input Watts BK No. CCT (Typ.) CRI (Typ.) L70 Data Angle **CBCP Del. Lumens** Muliplier (Typ.) 6,480 x98 2700 80 13 50,000 17 829 0.92 x98 2700 80 13 50,000 45 1,773 1,041 0.92 2700 50,000 1,478 1,180 0.92 x98 80 13 55 x99 3000 80 13 50,000 17 6,796 869 0.96 x99 3000 50,000 45 1,860 1,091 80 13 0.96 x99 3000 80 13 50,000 55 1,550 1,237 0.96 x103 3500 80 13 50,000 17 6,685 855 0.95 x103 3500 80 13 50,000 1,829 1,074 0.95 45 x103 3500 80 13 50,000 55 1,525 1,217 0.95 13 50,000 x100 4000 80 17 7,059 903 1.00 x100 4000 80 13 50,000 45 1,931 1,134 1.00 x100 4000 50,000 1,285 80 13 55 1,610 1.00 x101 2700 4,486 574 0.69 90 13 50,000 17 x101 2700 90 13 50,000 45 1,228 720 0.69 x101 2700 90 13 50,000 55 1,023 817 0.69 x102 3000 90 13 50,000 17 4,936 631 0.73 x102 3000 90 13 50,000 45 1,350 793 0.73 x102 3000 90 13 50,000 899 55 1,126 0.73 x104 3500 90 13 50,000 17 4,775 611 0.71 767 x104 3500 90 13 50,000 45 1,307 0.71 x104 50,000 869 3500 90 13 55 1.089 0.71 x121 4000 90 13 50,000 17 5,324 681 0.75 x121 4000 90 13 50,000 45 1,457 855 0.75 x121 4000 90 13 50,000 55 1,214 969 0.75 x122 2700 80 21 50,000 17 9,040 1,208 0.87 x122 2700 80 21 50,000 45 2,437 1,359 0.87 x122 2700 21 50,000 80 55 1,876 1,416 0.87 x123 3000 80 21 50,000 17 10,030 1,341 0.96 3000 21 2,704 1,508 x123 80 50,000 45 0.96 3000 50,000 2,082 x123 80 21 1,571 0.96 55 3500 x124 80 21 50,000 17 8,496 1,136 0.81 x124 3500 80 21 50,000 45 2,290 1,277 0.81 x124 3500 80 21 50,000 55 1,763 1,331 0.81 x125 4000 80 21 50,000 17 10,431 1,394 1.00 x125 4000 21 50,000 2,812 1,568 80 45 1.00 x125 4000 80 21 50,000 55 2,165 1,634 1.00

OPTICAL DATA

LAMP & DRIVER DATA (page 2 of 2)

DATE: PROJECT: TYPE:

LM79 DATA					OPTICAL DATA			
BK No.	ССТ (Тур.)	CRI (Typ.)	Input Watts (Typ.)	L70 Data	Angle	СВСР	Del. Lumens	Muliplier
x126	2700	90	21	50,000	17	6120	818	0.68
x126	2700	90	21	50,000	45	1650	920	0.68
x126	2700	90	21	50,000	55	1270	959	0.68
x127	3000	90	21	50,000	17	7535	1007	0.75
x127	3000	90	21	50,000	45	2031	1133	0.75
x127	3000	90	21	50,000	55	1564	1180	0.75
x128	3500	90	21	50,000	17	5406	723	0.64
x128	3500	90	21	50,000	45	1457	813	0.64
x128	3500	90	21	50,000	55	1225	847	0.64
x129	4000	90	21	50,000	17	8148	1089	0.78
x129	4000	90	21	50,000	45	2196	1225	0.78
x129	4000	90	21	50,000	55	1691	1277	0.78

OPTICS

Optic	Angle		
Spot w/ 13 Accy	16 x 50		
Spot	17°		
Flood	45°		
Wide Flood	55°		