

# DENALI - Bollard - Line Voltage - LED COB - Style B - Single

UPGRADED



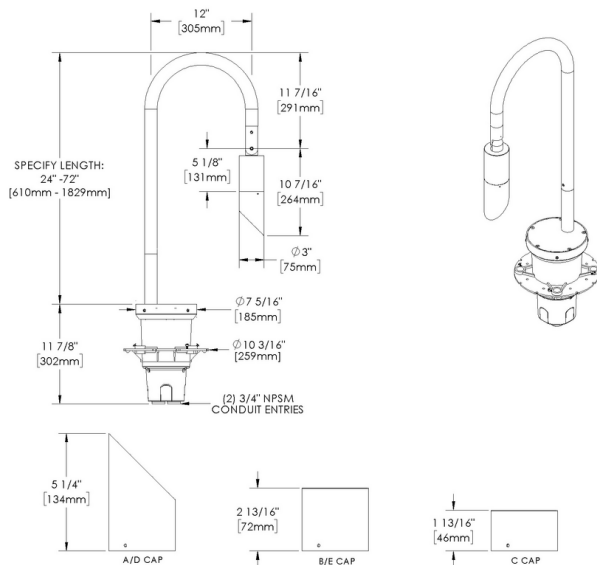
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**Downloads**

- Product Images (.zip)
- Technical Drawing (.zip)
- 2D (.dwg)
- 2D (.dxf)
- IES Files (.zip)
- BIM - Revit (.zip)
- Installation Instructions (.pdf)

**Product Variant Examples**



AMERICAN MADE + EMPLOYEE OWNED | 40429 Brickyard Drive, Madera, CA 93636 | +1 (559) 438-5800 | info@bklighting.com | bklighting.com

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# DENALI - Bollard - Line Voltage - LED COB - Style B - Single

## Available Logic & Configurations

**DE-** 01   **BO-** 02   **LID-** 03   **LCB-** 04   **AL-** 05   **HP2-** 06B   **-** 06C   **SB-F10-** 06D   **-** 06F

- 01 SERIES**  
DE - DENALI
- 02 CATEGORY**  
BO - Bollard
- 03 DRIVER**  
LID - Line Voltage
- 04 LIGHT SOURCE (TYPE)**  
LCB - LED COB

- 05 MATERIAL**  
AL - Aluminum
- 06B MOUNT**  
HP2 - In-grade HP2
- 06C STYLE**  
CA - Cap A - 45° (With Weephole)  
CB - Cap B - 90° (With Weephole)  
CC - Cap C - Flush Lens  
CD - Cap D - 45°  
CE - Cap E - 90°
- 06D VERSION**  
SB-F10 - Style B - Single
- 06F SIZE**  
H24 - Height: 24"  
H30 - Height: 30"  
H36 - Height: 36"  
H42 - Height: 42"  
H48 - Height: 48"  
H54 - Height: 54"  
H60 - Height: 60"  
H66 - Height: 66"  
H72 - Height: 72"

**-** 07   **-** 08   **INC-** 09   **-** 10A   **-** 10B   **WL00-** 11   **-** 12

- 07 LIGHT SOURCE**  
x58 - 2700K CRI80 - 12W (623 - 721 lm)  
x59 - 3000K CRI80 - 12W (653 - 756 lm)  
x60 - 4000K CRI80 - 12W (736 - 851 lm)  
x61 - 2700K CRI80 - 20W (1064 - 1307 lm)  
x62 - 3000K CRI80 - 20W (1120 - 1376 lm)  
x63 - 4000K CRI80 - 20W (1168 - 1435 lm)  
x64 - 2700K CRI80 - 27W (1383 - 1767 lm)  
x65 - 3000K CRI80 - 27W (1426 - 1820 lm)  
x66 - 4000K CRI80 - 27W (1506 - 1923 lm)  
x67 - 2700K CRI90 - 27W (1312 - 1676 lm)  
x68 - 3000K CRI90 - 27W (1394 - 1779 lm)  
x69 - 3500K CRI80 - 27W (1822 - 2327 lm)

- 08 OPTIC**  
SP - Spot (15°)  
MFL - Medium Flood (35°)  
WFL - Wide Flood (60°)

- 09 CONTROL**  
INC - INC Dimming (For use with Incandescent Dimmer. 120V only.)
- 10A LENS**  
09 - Clear (Standard)  
12 - Soft Focus  
13 - Rectilinear
- 10B SHIELDING**  
00 - Not included (Standard)  
11 - Honeycomb Baffle
- 11 WIRING LENGTH**  
WL00 - Standard
- 12 FINISH**  
Standard Finishes  
BLP, BZP, WHP, SAP, BLW, BZW, WHW, VER  
Premium Finishes  
CMG, SMG, RMG, AMG, TXF, BCM, BGE, WCP, OCP, HUG, ABP, BPP, SDS,  
WIR, CAP, CRM, AQW, NBP  
Other - RAL  
RAL  
Other - Custom Color  
CUS

**NOTE:** Not all configurations may be compatible with one another. Please configure the product for specific 2D, Photometry, Downloads, Spec Sheet and Compatible mountings and power supplies.

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## Features



Anti-condensation vent allows moisture to exit the fixture but never enter in



Lens factory adhered to fixture cap providing hermetically sealed optical compartment



Manufactured in the USA with sustainable processes



Aim & Lock knuckle eliminates need for re-aiming & adjustments



Water-tight anti-siphon plug prevents moisture ingress from wireways



Secured with tamper-resistant, stainless steel hardware



Easily replaceable modular components reduce waste and extend fixture life



Slip fit cap & high temp. silicone 'O' ring provides reliable water-tight seal



Solid billet fixture body provides unmatched durability and heat management



360HD knuckle provides 360° horizontal rotation and vertical adjustment

## Technical

**Driver:** Line Voltage

**Light Source (Type):** LED COB

**Material:** Aluminum

**CCT (K):** 2700, 3500, 3000, 4000

**CRI:** 80, 90

**Input Power (W):** 12, 20, 27

**Delivered Lumens (lm):** 623 - 2327

**Beam Angle (°):** 15, 35, 60

**Control:** INC Dimming (For use with Incandescent Dimmer. 120V only.)

**Mount:** In-grade HP2

**Style:** Cap A - 45° (With Weephole), Cap B - 90° (With Weephole), Cap C - Flush Lens, Cap D - 45°, Cap E - 90°

**Version:** Style B - Single

**Size:** Height: 24", Height: 30", Height: 36", Height: 42", Height: 48", Height: 54", Height: 60", Height: 66", Height: 72"

**Lens:** Soft Focus, Clear (Standard), Rectilinear

**Shielding:** Not included (Standard), Honeycomb Baffle

**Wiring Length:** Standard

**Finish:** Standard Finishes, Premium Finishes, Other - RAL, Other - Custom Color

**Body:** Unibody design with enclosed, water-proof wireway, integral heat sink, fully machined from solid billet, anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.

**Material Detail:** Furnished in copper-free aluminum (6061-T6).

**Aiming:** 360HD Mounting System can adjust 180° vertically and rotate 360° horizontally. 'O' Ring helps maintain fixture position. Design withstands 73 lb. static load prior to movement for optical alignment with a ½" pipe thread for mounting.

**Light Source Detail:** COB (Chip on Board) technology and modular design with electrical quick disconnects.

**Optics:** Interchangeable optics permit changes in the field.

**Hardware:** Tamper-resistant, stainless steel hardware. Hardware is black oxide treated for additional corrosion resistance.

**Sealing:** 'O' Ring provides water-tight seal., High temperature silicone 'O' Ring at faceplate. HydroLock® technology provides fail-safe water barrier between junction box and interior components.

**Finish Detail:** StarGuard, our 15-stage chromate-free process, cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. It is RoHS compliant.

**Warranty:** 5-year limited warranty.

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## Finishes

### STANDARD FINISHES



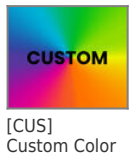
### PREMIUM FINISHES



### OTHER - RAL



### OTHER - CUSTOM COLOR



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## Light Source

Light Source	Optic	Beam Angle	CCT (K)	CRI	R9	Input Power (W)	Delivered Lumens (Lm)	CBCP
x58	SP - Spot	15	2700	80	>15	12	721	3865
x58	MFL - Medium Flood	35	2700	80	>15	12	661	1493
x58	WFL - Wide Flood	60	2700	80	>15	12	623	627
x59	SP - Spot	15	3000	80	>15	12	756	4048
x59	MFL - Medium Flood	35	3000	80	>15	12	692	1564
x59	WFL - Wide Flood	60	3000	80	>15	12	653	657
x60	SP - Spot	15	4000	80	>15	12	851	4561
x60	MFL - Medium Flood	35	4000	80	>15	12	780	1762
x60	WFL - Wide Flood	60	4000	80	>15	12	736	740
x61	SP - Spot	15	2700	80	>15	20	1307	7103
x61	MFL - Medium Flood	35	2700	80	>15	20	1125	2623
x61	WFL - Wide Flood	60	2700	80	>15	20	1064	1049
x62	SP - Spot	15	3000	80	>15	20	1376	7478
x62	MFL - Medium Flood	35	3000	80	>15	20	1184	2761
x62	WFL - Wide Flood	60	3000	80	>15	20	1120	1104
x63	SP - Spot	15	4000	80	>15	20	1435	7800
x63	MFL - Medium Flood	35	4000	80	>15	20	1235	2880
x63	WFL - Wide Flood	60	4000	80	>15	20	1168	1152
x64	SP - Spot	15	2700	80	>15	27	1767	15656
x64	MFL - Medium Flood	35	2700	80	>15	27	1586	4649
x64	WFL - Wide Flood	60	2700	80	>15	27	1383	1515
x65	SP - Spot	15	3000	80	>15	27	1820	16132
x65	MFL - Medium Flood	35	3000	80	>15	27	1634	4791
x65	WFL - Wide Flood	60	3000	80	>15	27	1426	1561
x66	SP - Spot	15	4000	80	>15	27	1923	17042
x66	MFL - Medium Flood	35	4000	80	>15	27	1726	5061
x66	WFL - Wide Flood	60	4000	80	>15	27	1506	1649
x67	SP - Spot	15	2700	90	>50	27	1676	14852
x67	MFL - Medium Flood	35	2700	90	>50	27	1504	4411
x67	WFL - Wide Flood	60	2700	90	>50	27	1312	1437
x68	SP - Spot	15	3000	90	>50	27	1779	15770
x68	MFL - Medium Flood	35	3000	90	>50	27	1597	4683
x68	WFL - Wide Flood	60	3000	90	>50	27	1394	1526
x69	SP - Spot	15	3500	80	>15	27	2327	20620
x69	MFL - Medium Flood	35	3500	80	>15	27	2088	6124
x69	WFL - Wide Flood	60	3500	80	>15	27	1822	1995