# ALPINE - SURFACE DOWNLIGHT LED

IP66 RATED

DATE: | PROJECT: | TYPE:

CATALOG NUMBER LOGIC:

**Driver housing required. Configure separately.**

**Available for x43, x44 and x45 only.*

| CATALOG NUMBER LOGIC | | |
|---|---|---|
| Example: SM - AP - LED - x43 - FL - BZP - 12 - 11 - C | | |
| **MATERIAL** | | |
| Aluminum | | |
| **SERIES** | | |
| SM - Surface Downlight | | |
| **FIXTURE** | | |
| AP - Alpine | | |
| **SOURCE** | | |
| LED - with Chip on Board Construction | | |
| **LED TYPE** | | |
| x43 - 34W LED/2700K | x46 - 42W LED/2700K | x49 - 57W LED/2700K |
| x44 - 34W LED/3000K | x47 - 42W LED/3000K | x50 - 57W LED/3000K |
| x45 - 34W LED/4000K | x48 - 42W LED/4000K | x51 - 57W LED/4000K |
| **OPTICS** | | |
| NSP - Narrow Spot (18°)* | FL - Flood (40°) | |
| NFL - Narrow Flood (25°) | 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, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR) | | |
| Also available in RAL Finishes | | |
| **LENS TYPE** | | |
| 12 - Soft Focus | | |
| **SHIELDING** | | |
| 11 - Honeycomb Baffle | | |
| **CAP STYLE** | | |
| C - Flush | | |
| E - 90° Less Weephole | | |





12/06/2022 SKU-1047
SUB-2330-00

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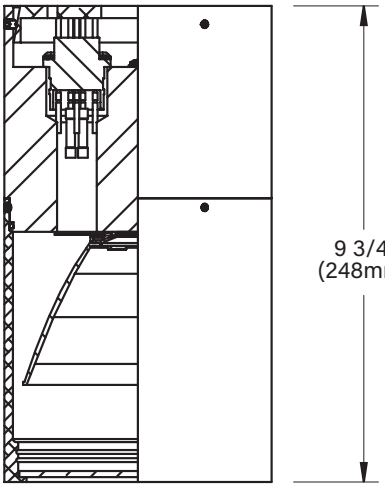
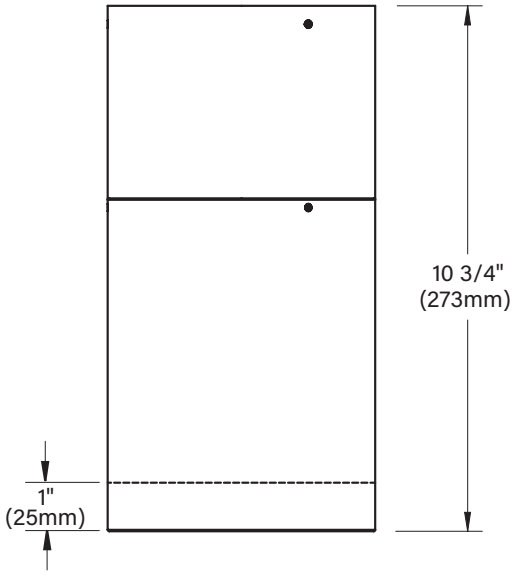
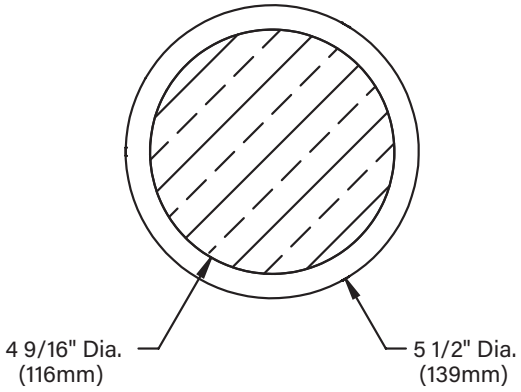



"C" CAP




"E" CAP




TOP VIEW

## STANDARD FINISHES

- Satin Black (BLP)
- Satin Bronze (BZP)
- Satin White (WHP)
- Satin Aluminum (SAP)
- Black Wrinkle (BLW)
- Bronze Wrinkle (BZW)
- White Wrinkle (WHW)
- Verde (VER)

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

## PREMIUM FINISHES

- Cascade Mtn. Granite (CMG)
- Rocky Mtn. Granite (RMG)
- Sierra Mtn Granite (SMG)
- Aleutian Mtn Granite (AMG)
- Textured Forest (TXF)
- Black Chrome (BCM)
- Beige (BGE)
- Weathered Copper (WCP)
- Old Copper (OCP)
- Hunter Green (HUG)
- Antique Brass Powder (ABP)
- Brown Patina Powder (BPP)
- Sonoran Desert Sandstone (SDS)
- Weathered Iron (WIR)
- Clear Anodized Powder (CAP)
- Cream (CRM)
- Antique White (AQW)
- Natural Brass Powder (NBP)





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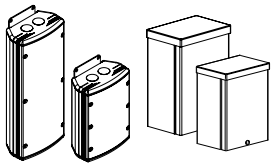
## Accessories (Configure separately)



PM3DRM & PM3RM DRM & RM

## SPECIFICATIONS

| | | |
|---|---|---|
| ELECTRICAL | WATTAGE | 34W, 42W, or 57W LED |
| | WIRING | XLPE Stranded 18GA wire. Rated 150C, 600V and certified to UL 1838 standard. |
| | REMOTE DRIVER | For use with remote LED Driver. See remote driver submittal(s) to determine remote distance, dimming range, and wiring requirements prior to detailing field installation of any remote wiring. |
| PHYSICAL | MATERIALS | Furnished in copper-free aluminum (6061-T6). |
| | BODY | Unibody design with enclosed, water-proof wireway and integral heat sink is fully machined from solid billet. |
| | CAP | Fully machined and accommodates one (1) lens or louver media. |
| | LENS | Shock resistant, tempered-glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment. |
| | LED | Integrated solid state system and modular design with electrical disconnects allow for easy field upgrade and maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements and exceeds ENERGY STAR® 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 (limited to <250mA non-dimming). Output, overvoltage, open-circuit, and short circuit protected. Conforms to Safety Std. C22.2 No. 250.13-12. |
| | COLOR MANAGEMENT | Chip on board 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. |
| | OPTICS | Interchangeable OPTIKIT modules permit optical field changes. |
| | INSTALLATION | 5 1/16" dia., machined canopy permits mounting to 4" octagonal junction box (by others). |
| | HARDWARE | Tamper-resistant, stainless steel hardware. |
| | 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. |
| | WARRANTY | 5-year limited warranty. |
| | CERTIFICATION & LISTING | ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS 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 processes. |

c UL us LISTED

RoHS

MADE IN THE USA





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# LAMP & DRIVER DATA (x43, x44, x45, x46, x47, x48, x49, x50, x51)

DATE: | PROJECT: | TYPE:

## LM79 DATA / L70 DATA / OPTICAL DATA

| BK No. | CCT (Typ.) | CRI (Typ.) | Input Watts (Typ.) | Minimum Rated Life (hrs.) 70% of initial lumens ($L_{70}$) | Angle | CBCP | Delivered Lumens |
|---|---|---|---|---|---|---|---|
| x43 | 2700K | 80 | 34W | 50,000 | 18° | 19118 | 2591 |
| | 2700K | 80 | 34W | 50,000 | 25° | 5435 | 1915 |
| | 2700K | 80 | 34W | 50,000 | 40° | 3840 | 2212 |
| | 2700K | 80 | 34W | 50,000 | 60° | 2697 | 1860 |
| x44 | 3000K | 80 | 34W | 50,000 | 18° | 19949 | 2703 |
| | 3000K | 80 | 34W | 50,000 | 25° | 5672 | 1998 |
| | 3000K | 80 | 34W | 50,000 | 40° | 4007 | 2308 |
| | 3000K | 80 | 34W | 50,000 | 60° | 2814 | 1941 |
| x45 | 4000K | 80 | 34W | 50,000 | 18° | 20780 | 2816 |
| | 4000K | 80 | 34W | 50,000 | 25° | 5908 | 2081 |
| | 4000K | 80 | 34W | 50,000 | 40° | 4174 | 2404 |
| | 4000K | 80 | 34W | 50,000 | 60° | 2931 | 2022 |
| x46 | 2700K | 80 | 42W | 50,000 | 18° | ~ | ~ |
| | 2700K | 80 | 42W | 50,000 | 25° | 15755 | 3817 |
| | 2700K | 80 | 42W | 50,000 | 40° | 4985 | 3288 |
| | 2700K | 80 | 42W | 50,000 | 60° | 3386 | 2707 |
| x47 | 3000K | 80 | 42W | 50,000 | 18° | ~ | ~ |
| | 3000K | 80 | 42W | 50,000 | 25° | 16805 | 4071 |
| | 3000K | 80 | 42W | 50,000 | 40° | 5317 | 3507 |
| | 3000K | 80 | 42W | 50,000 | 60° | 3612 | 2888 |
| x48 | 4000K | 80 | 42W | 50,000 | 18° | ~ | ~ |
| | 4000K | 80 | 42W | 50,000 | 25° | 17505 | 4241 |
| | 4000K | 80 | 42W | 50,000 | 40° | 5539 | 3653 |
| | 4000K | 80 | 42W | 50,000 | 60° | 3725 | 3008 |
| x49 | 2700K | 80 | 57W | 50,000 | 18° | ~ | ~ |
| | 2700K | 80 | 57W | 50,000 | 25° | 20563 | 4958 |
| | 2700K | 80 | 57W | 50,000 | 40° | 6507 | 4271 |
| | 2700K | 80 | 57W | 50,000 | 60° | 4420 | 3517 |
| x50 | 3000K | 80 | 57W | 50,000 | 18° | ~ | ~ |
| | 3000K | 80 | 57W | 50,000 | 25° | 22181 | 5348 |
| | 3000K | 80 | 57W | 50,000 | 40° | 7019 | 4607 |
| | 3000K | 80 | 57W | 50,000 | 60° | 4767 | 3794 |
| x51 | 4000K | 80 | 57W | 50,000 | 18° | ~ | ~ |
| | 4000K | 80 | 57W | 50,000 | 25° | 23105 | 5571 |
| | 4000K | 80 | 57W | 50,000 | 40° | 7311 | 4799 |
| | 4000K | 80 | 57W | 50,000 | 60° | 4966 | 3952 |

## OPTICS

| Optic | Angle |
|---|---|
| Narrow Spot | 18° |
| Narrow Flood | 25° |
| Flood | 40° |
| Wide Flood | 60° |