# ALPINE - SURFACE DOWNLIGHT LED (INTEGRAL)

DATE:

## PROJECT:

TYPE

## CATALOG NUMBER LOGIC:



# \*Available for x43, x44 and x45 only. \*\*120V only

## CATALOG NUMBER LOGIC

Example: SM - AP - LED - TR - x43 - FL - BZP - 11 - C - 010 - MT			
MATERIAL			
Aluminum			
SERIES			
SM - Surface Downlight			
FIXTURE			
AP - Alpine			
SOURCE			
LED - Chip on Board Technology			
HOUSING			
TR - Integral Driver			
LED TYPE			
x43 - 34W LED/2700K x46 - 42W LED/2700K			
x44 - 34W LED/3000K x47 - 42W LED/3000K			
x45 - 34W LED/4000K x48 - 42W 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			
SHIELDING			
11 - Honeycomb Baffle			
CAP STYLE			
C - Flush			
E - 90° Less Weephole			
CONTROLS			
ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)**			

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

010 - Dimming Driver (For use with 0-10 Dimmer, 1-100% Dimming)

#### INPUT VOLTAGE

MT - 120-277 VAC Input



MADE IN THE USA

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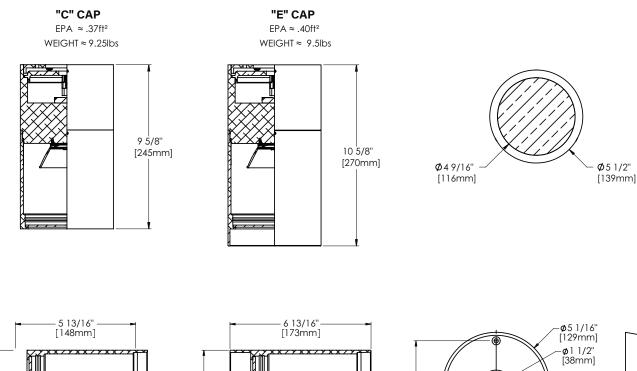
12/06/2022 SKU-1439 SUB-2868-00

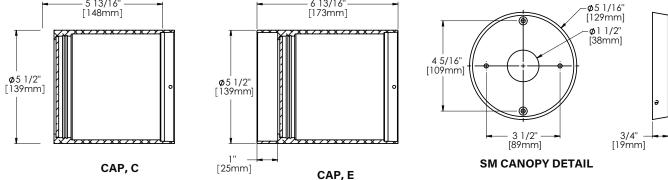
# ALPINE - SURFACE DOWNLIGHT LED (INTEGRAL)

DATE:

#### PROJECT:

TYPE:





#### STANDARD FINISHES



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

IGHT

#### PREMIUM FINISHES



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12/06/2022 SKU-1439 SUB-2868-00

ALPINE - SURFACE DOWNLIGHT LED (INTEGRAL)			IP66 RATED
DATE:	PROJECT:	TYPE:	

ACCESSOries (Configure separately)

ELECTRICAL	WATTAGE	34W or 42W
	WIRING	XLPE Stranded 18GA wire. Rated 150C, 600V and certified to UL 1838 standard.
	DRIVER	With one (1) 900mA or 1050mA, Class II, constant current integral driver. 50/60Hz. >0.9 Power Factor,5A inrush current (typical at 120VAC), ≤20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. Dimming driver for use with 0-10V, Incandescent, Standard TRIAC, or ELV dimmers. 1-100% range. *TRIAC/ELV dimming at 120VAC only
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 biller Anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.
	САР	Fully machined and accommodates one (1) louver media.
	LENS	Shock resistant, tempered-glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment.
	LED	Integrated solid state system with COB technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). LED technology provides long life, significant energy reduction and exceptional thermal management
	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
	OPTICS	Interchangeable optics permit changes in the field.
	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	UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable fo 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		
RoHS∜		
MADE IN THE		

USA

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12/06/2022 SKU-1439 SUB-2868-00

# LAMP & DRIVER DATA

DATE:

#### PROJECT:

## LM79 DATA

BK No.	ССТ (Тур.)	CRI (Typ.)	Input Watts (Typ.)
	2700K	80	34W
	2700K	80	34W
x43 –	2700K	80	34W
_	2700K	80	34W
	3000K	80	34W
-	3000K	80	34W
x44 –	3000K	80	34W
-	3000K	80	34W
	4000K	80	34W
-	4000K	80	34W
x45 –	4000K	80	34W
_	4000K	80	34W
	2700K	80	42W
-	2700K	80	42W
x46 –	2700K	80	42W
-	2700K	80	42W
	3000K	80	42W
-	3000K	80	42W
x47 –	3000K	80	42W
-	3000K	80	42W
	4000K	80	42W
-	4000K	80	42W
x48 –	4000K	80	42W
-	4000K	80	42W

Minimum Rated Life (hrs.) 70% of initial lumens (L <sub>70</sub> )
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TYPE:

L70 DATA

AngleCBCPDelivered Lumens $18^{\circ}$ 191182591 $25^{\circ}$ 54351915 $40^{\circ}$ 38402212 $60^{\circ}$ 26971860 $18^{\circ}$ 199492703 $25^{\circ}$ 56721998 $40^{\circ}$ 40072308 $60^{\circ}$ 28141941 $18^{\circ}$ 207802816 $25^{\circ}$ 59082081 $40^{\circ}$ 41742404 $60^{\circ}$ 29312022 $18^{\circ}$ ~~ $25^{\circ}$ 157553817 $40^{\circ}$ 49853288 $60^{\circ}$ 33862707 $18^{\circ}$ ~~ $25^{\circ}$ 168054071 $40^{\circ}$ 53173507 $60^{\circ}$ 36122888 $18^{\circ}$ ~~ $25^{\circ}$ 175054241 $40^{\circ}$ 55393653 $60^{\circ}$ 37253008	OPTICAL DATA			
$25^{\circ}$ $5435$ $1915$ $40^{\circ}$ $3840$ $2212$ $60^{\circ}$ $2697$ $1860$ $18^{\circ}$ $19949$ $2703$ $25^{\circ}$ $5672$ $1998$ $40^{\circ}$ $4007$ $2308$ $60^{\circ}$ $2814$ $1941$ $18^{\circ}$ $20780$ $2816$ $25^{\circ}$ $5908$ $2081$ $40^{\circ}$ $4174$ $2404$ $60^{\circ}$ $2931$ $2022$ $18^{\circ}$ ~~ $25^{\circ}$ $15755$ $3817$ $40^{\circ}$ $4985$ $3288$ $60^{\circ}$ $3386$ $2707$ $18^{\circ}$ ~~ $25^{\circ}$ $16805$ $4071$ $40^{\circ}$ $5317$ $3507$ $60^{\circ}$ $3612$ $2888$ $18^{\circ}$ ~~ $25^{\circ}$ $17505$ $4241$ $40^{\circ}$ $5539$ $3653$	Angle	СВСР		
$40^{\circ}$ $3840$ $2212$ $60^{\circ}$ $2697$ $1860$ $18^{\circ}$ $19949$ $2703$ $25^{\circ}$ $5672$ $1998$ $40^{\circ}$ $4007$ $2308$ $60^{\circ}$ $2814$ $1941$ $18^{\circ}$ $20780$ $2816$ $25^{\circ}$ $5908$ $2081$ $40^{\circ}$ $4174$ $2404$ $60^{\circ}$ $2931$ $2022$ $18^{\circ}$ ~         ~ $25^{\circ}$ $15755$ $3817$ $40^{\circ}$ $4985$ $3288$ $60^{\circ}$ $3386$ $2707$ $18^{\circ}$ ~         ~ $225^{\circ}$ $16805$ $4071$ $40^{\circ}$ $5317$ $3507$ $60^{\circ}$ $3612$ $2888$ $18^{\circ}$ ~         ~ $225^{\circ}$ $17505$ $4241$ $40^{\circ}$ $5539$ $3653$	18°	19118	2591	
$60^{\circ}$ $2697$ $1860$ $18^{\circ}$ $19949$ $2703$ $25^{\circ}$ $5672$ $1998$ $40^{\circ}$ $4007$ $2308$ $60^{\circ}$ $2814$ $1941$ $18^{\circ}$ $20780$ $2816$ $25^{\circ}$ $5908$ $2081$ $40^{\circ}$ $4174$ $2404$ $60^{\circ}$ $2931$ $2022$ $18^{\circ}$ $\sim$ $\sim$ $25^{\circ}$ $15755$ $3817$ $40^{\circ}$ $4985$ $3288$ $60^{\circ}$ $3386$ $2707$ $18^{\circ}$ $\sim$ $\sim$ $25^{\circ}$ $16805$ $4071$ $40^{\circ}$ $5317$ $3507$ $60^{\circ}$ $3612$ $2888$ $18^{\circ}$ $\sim$ $\sim$ $25^{\circ}$ $17505$ $4241$ $40^{\circ}$ $5539$ $3653$	25°	5435	1915	
$18^{\circ}$ $19949$ $2703$ $25^{\circ}$ $5672$ $1998$ $40^{\circ}$ $4007$ $2308$ $60^{\circ}$ $2814$ $1941$ $18^{\circ}$ $20780$ $2816$ $25^{\circ}$ $5908$ $2081$ $40^{\circ}$ $4174$ $2404$ $60^{\circ}$ $2931$ $2022$ $18^{\circ}$ ~~ $25^{\circ}$ $15755$ $3817$ $40^{\circ}$ $4985$ $3288$ $60^{\circ}$ $3386$ $2707$ $18^{\circ}$ ~~ $25^{\circ}$ $16805$ $4071$ $40^{\circ}$ $5317$ $3507$ $60^{\circ}$ $3612$ $2888$ $18^{\circ}$ ~~ $25^{\circ}$ $17505$ $4241$ $40^{\circ}$ $5539$ $3653$	40°	3840	2212	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	60°	2697	1860	
$40^{\circ}$ $4007$ $2308$ $40^{\circ}$ $4007$ $2308$ $60^{\circ}$ $2814$ $1941$ $18^{\circ}$ $20780$ $2816$ $25^{\circ}$ $5908$ $2081$ $40^{\circ}$ $4174$ $2404$ $60^{\circ}$ $2931$ $2022$ $18^{\circ}$ ~~ $25^{\circ}$ $15755$ $3817$ $40^{\circ}$ $4985$ $3288$ $60^{\circ}$ $3386$ $2707$ $18^{\circ}$ ~~ $25^{\circ}$ $16805$ $4071$ $40^{\circ}$ $5317$ $3507$ $60^{\circ}$ $3612$ $2888$ $18^{\circ}$ ~~ $25^{\circ}$ $17505$ $4241$ $40^{\circ}$ $5539$ $3653$	18°	19949	2703	
60°         2814         1941           18°         20780         2816           25°         5908         2081           40°         4174         2404           60°         2931         2022           18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	25°	5672	1998	
18°         20780         2816           25°         5908         2081           40°         4174         2404           60°         2931         2022           18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	40°	4007	2308	
25°         5908         2081           40°         4174         2404           60°         2931         2022           18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	60°	2814	1941	
40°         4174         2404           60°         2931         2022           18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	18°	20780	2816	
60°         2931         2022           18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	25°	5908	2081	
18°         ~         ~           25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	40°	4174	2404	
25°         15755         3817           40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	60°	2931	2022	
40°         4985         3288           60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	18°	~	~	
60°         3386         2707           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	25°	15755	3817	
18°         ~         ~           18°         ~         ~           25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	40°	4985	3288	
25°         16805         4071           40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	60°	3386	2707	
40°         5317         3507           60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	18°	~	~	
60°         3612         2888           18°         ~         ~           25°         17505         4241           40°         5539         3653	25°	16805	4071	
18°         ~         ~           25°         17505         4241           40°         5539         3653	40°	5317	3507	
25°         17505         4241           40°         5539         3653	60°	3612	2888	
40° 5539 3653	18°	~	~	
	25°	17505	4241	
60° 3725 2009	40°	5539	3653	
3725 3008	60°	3725	3008	

#### OPTICS

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

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