

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

n/a - serial: n/a sensor serial: n/a
n/a, n/a – n/a
10/7/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

17 – distance {C_PLANES_DIST}°
181 – {H_PLANES_DIST}°
98.7 W

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

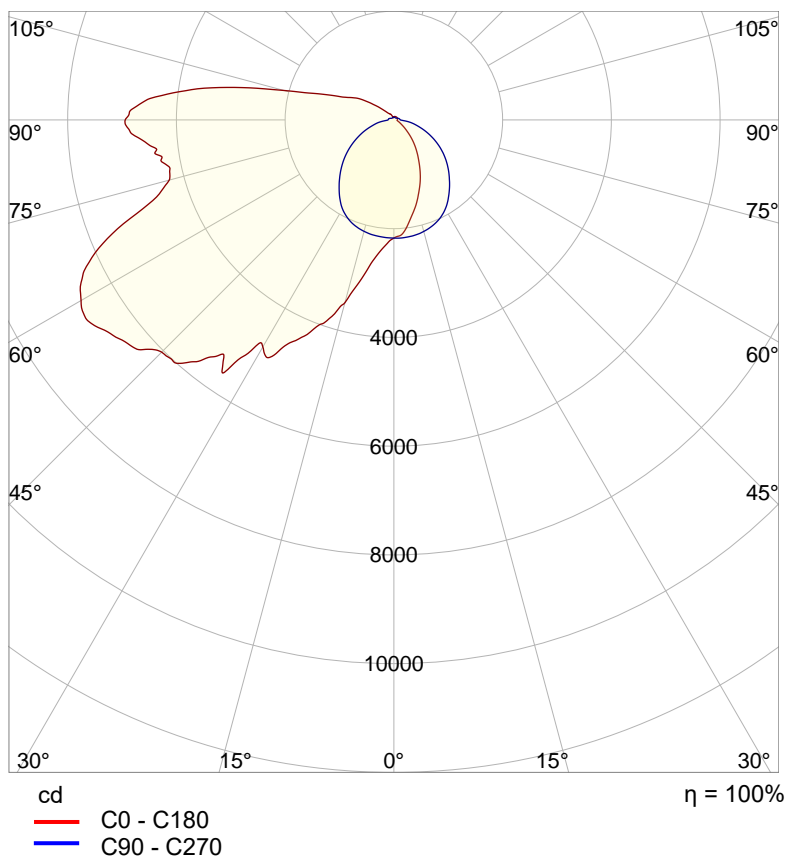
Alpine Wall Pack - ALP-WL-WP120-01
PANEL
Grizzly Lighting Systems

Main Light Measurement Results

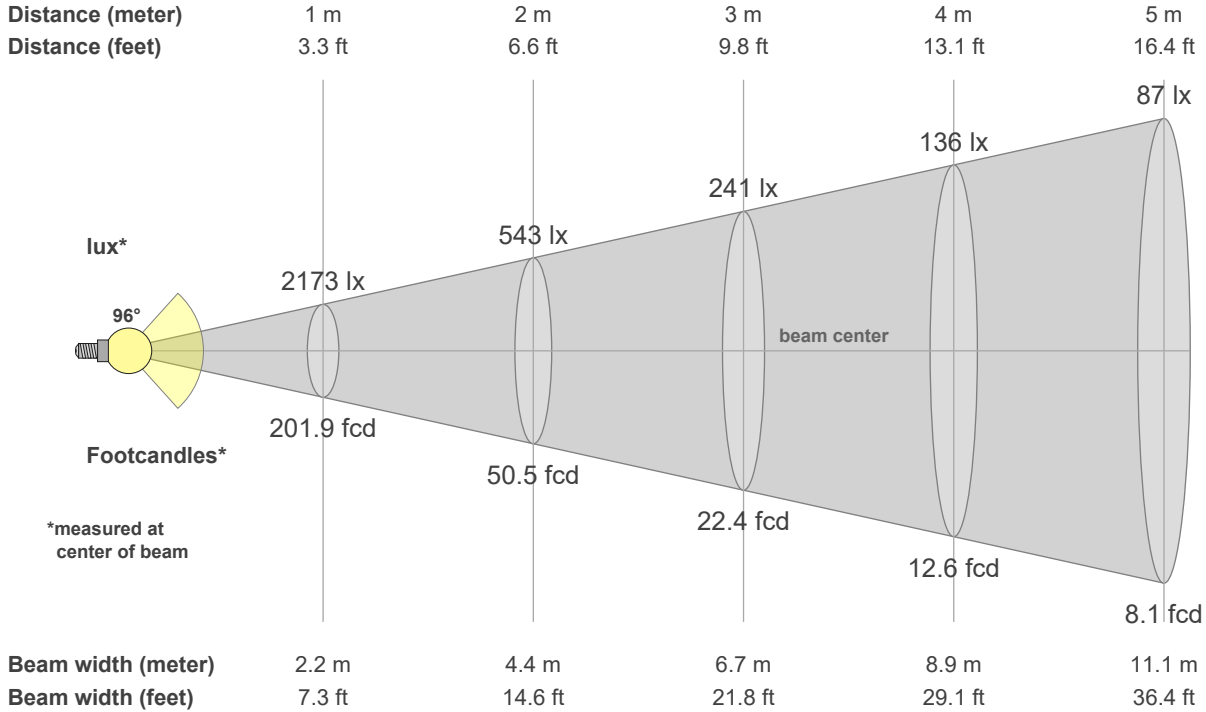
Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

15152 lm – 16.01% / 83.99%
154 lm/W
6739 cd
4000 K
CRI 70.0

Polar light distribution diagram

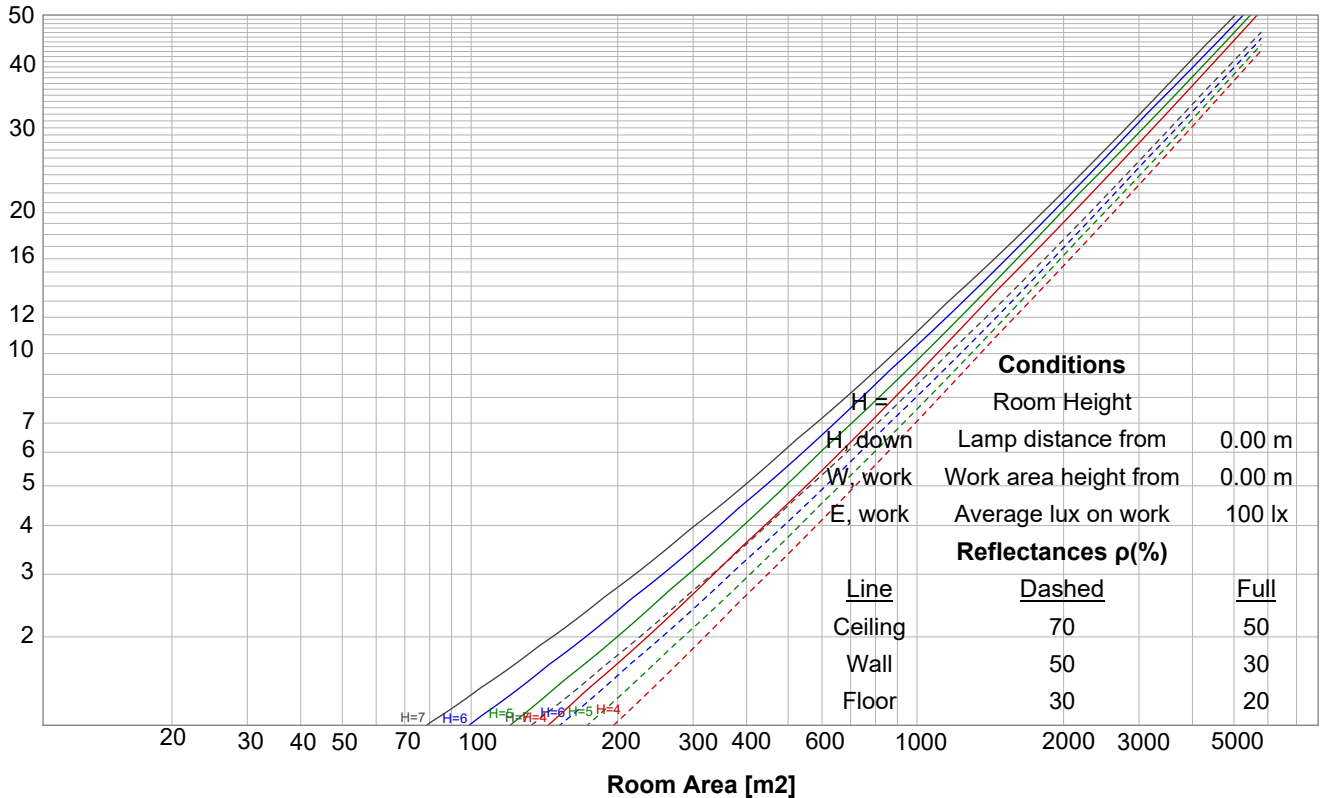


Beam details

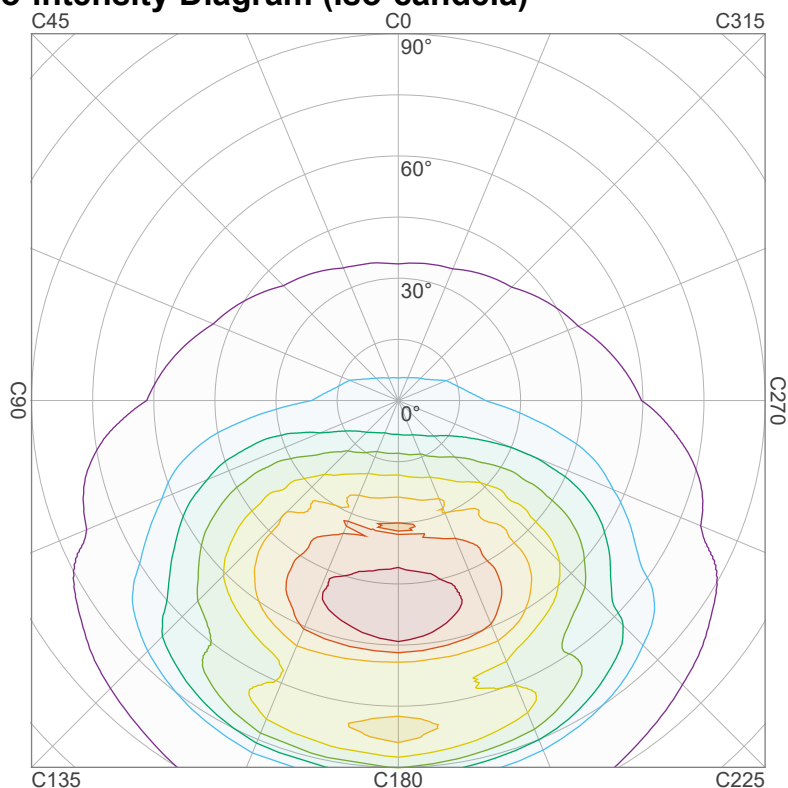


Luminaire budgetary diagram

LAMPS (number of lamps)



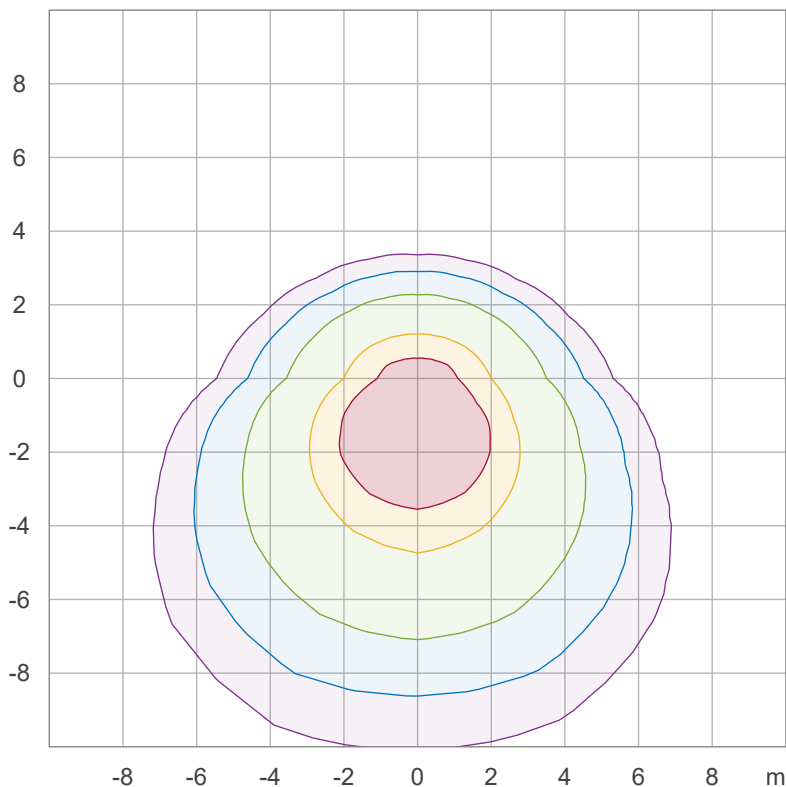
Iso-intensity Diagram (Iso-candela)



90 %	6064.9 cd
80 %	5391.0 cd
70 %	4717.2 cd
60 %	4043.3 cd
50 %	3369.4 cd
40 %	2695.5 cd
30 %	2021.6 cd
20 %	1347.8 cd
10 %	673.9 cd

Peak intensity: 6738.8 cd
 Number of c-planes: 16

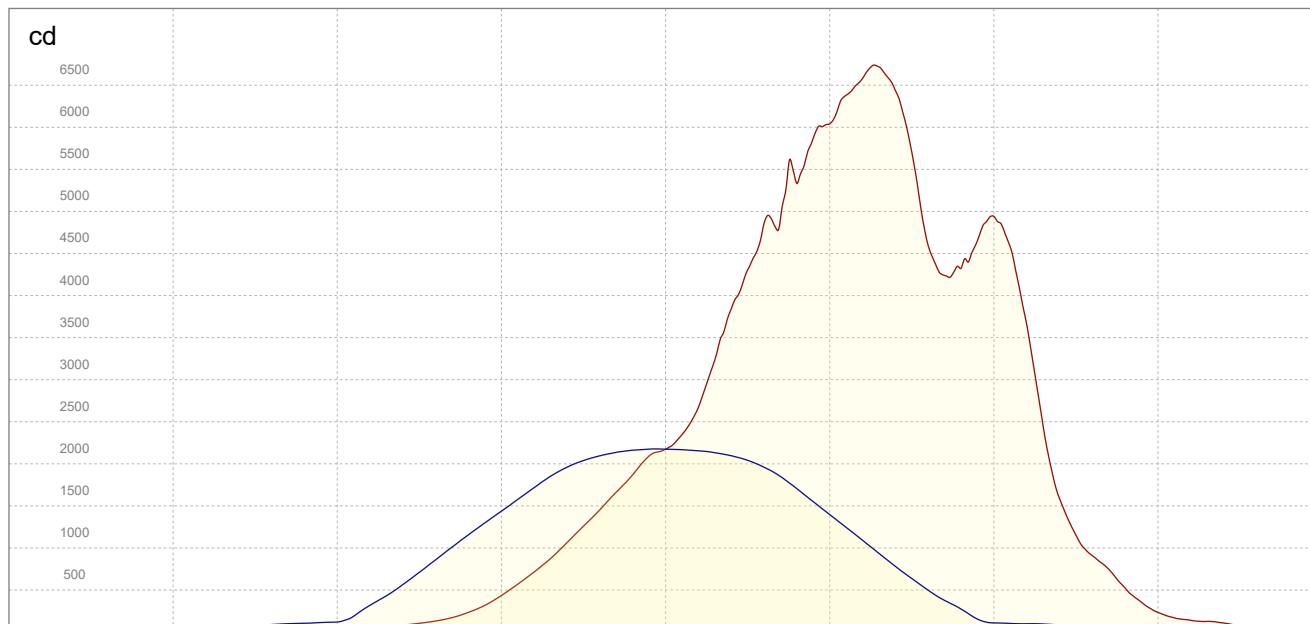
Iso-illuminance Diagram (Iso-lux)



50.0 %	190.8 lx
30.0 %	114.5 lx
10.0 %	38.2 lx
5.0 %	19.1 lx
3.0 %	11.4 lx

Peak illuminance: 381.6 lx
 Mounting height: 3.0 m
 Number of c-planes: 16

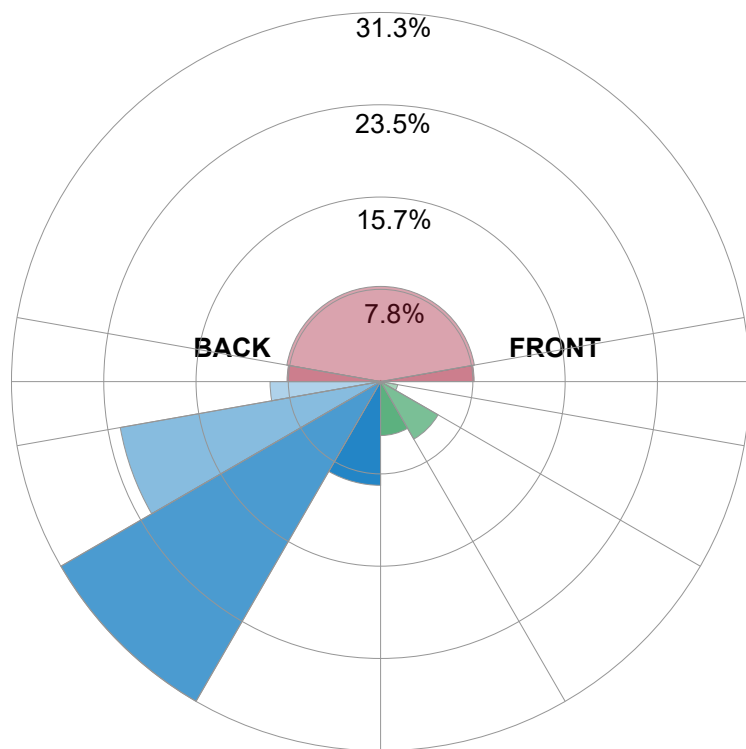
Linear intensity distribution



— C0 - C180
— C90 - C270

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG rating B4 U5 G5



Forward Light

Low (0-30°)	693.4 lm	4.6%
Medium (30-60°)	853.9 lm	5.6%
High (60-80°)	222.8 lm	1.5%
Very High	46.1 lm	0.3%

Back Light

Low (0-30°)	1333.4 lm	8.8%
Medium (30-60°)	4747.1 lm	31.3%
High (60-80°)	3399.7 lm	22.4%
Very High	1421.7 lm	9.4%

Uplight

Low (90-100°)	1203.1 lm	7.9%
High (100-180°)	1224.2 lm	8.1%

Total

Sum	15152 lm	100%
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