

## 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}°  
121.1 W

## Tested Light Source

Luminaire  
Basic Luminous Shape  
Item No.  
Manufacturer

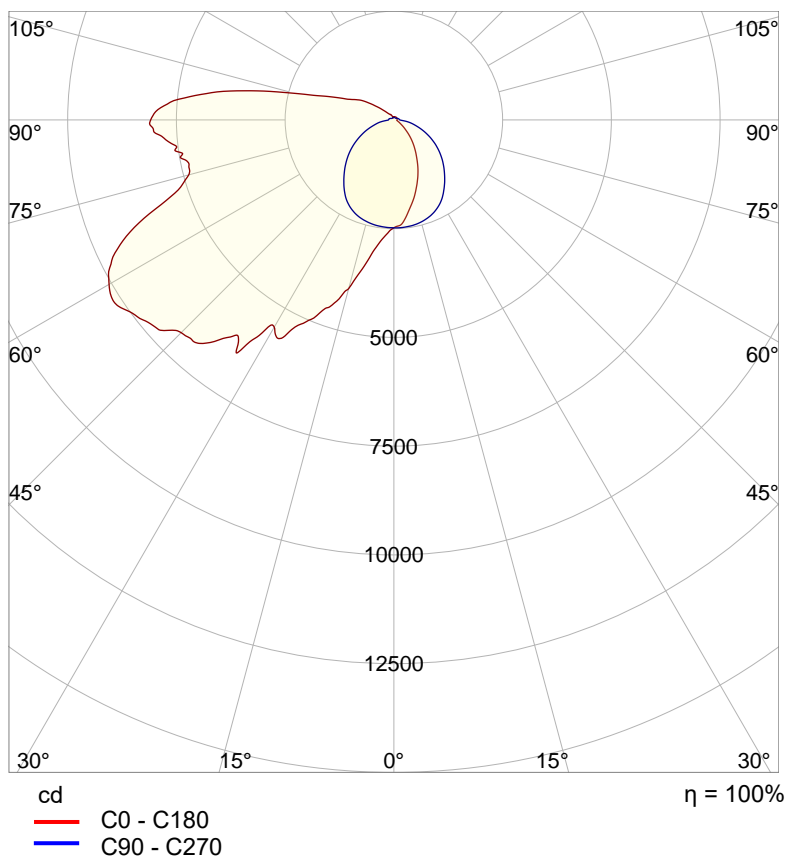
Alpine Wall Pack - ALP-WL-WP120-01  
PANEL  
Grizzly Lighting Systems

## Main Light Measurement Results

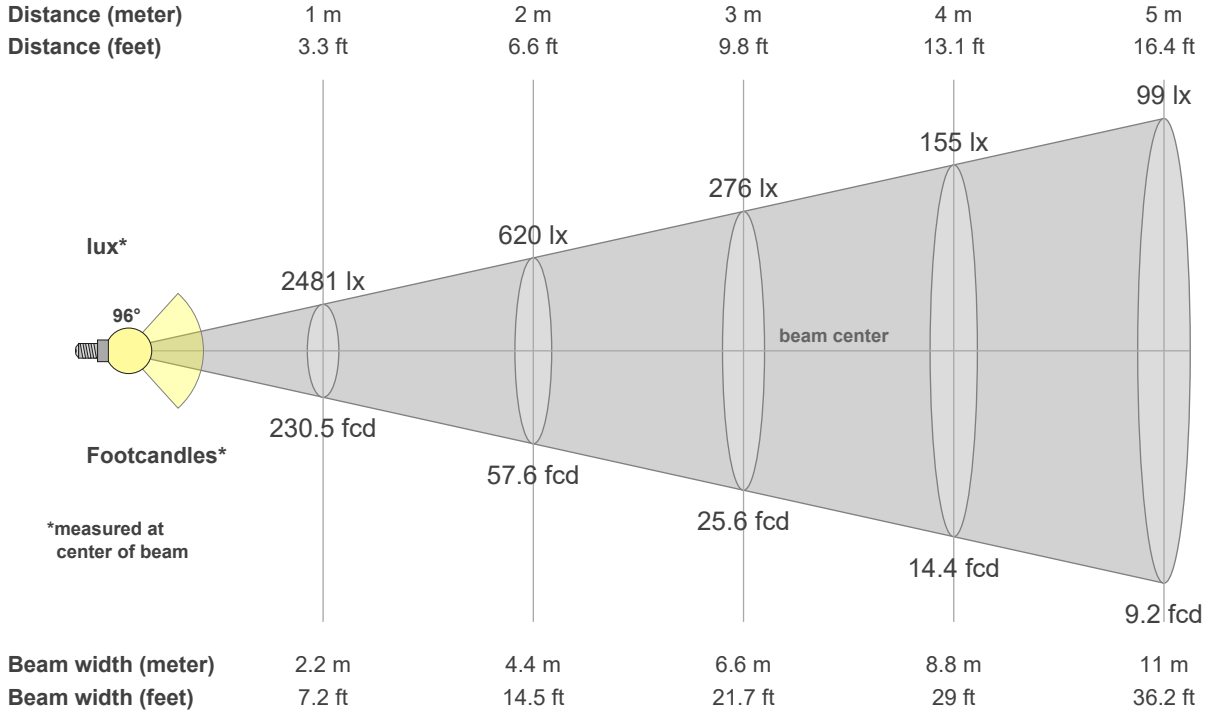
Output – Total Lumen (Up% / Down%)  
Efficiency  
Peak Intensity  
Correlated Color Temperature, CCT  
Color Rendering Index

17334 lm – 15.9% / 84.1%  
143 lm/W  
7676 cd  
5000 K  
CRI 70.0

## Polar light distribution diagram

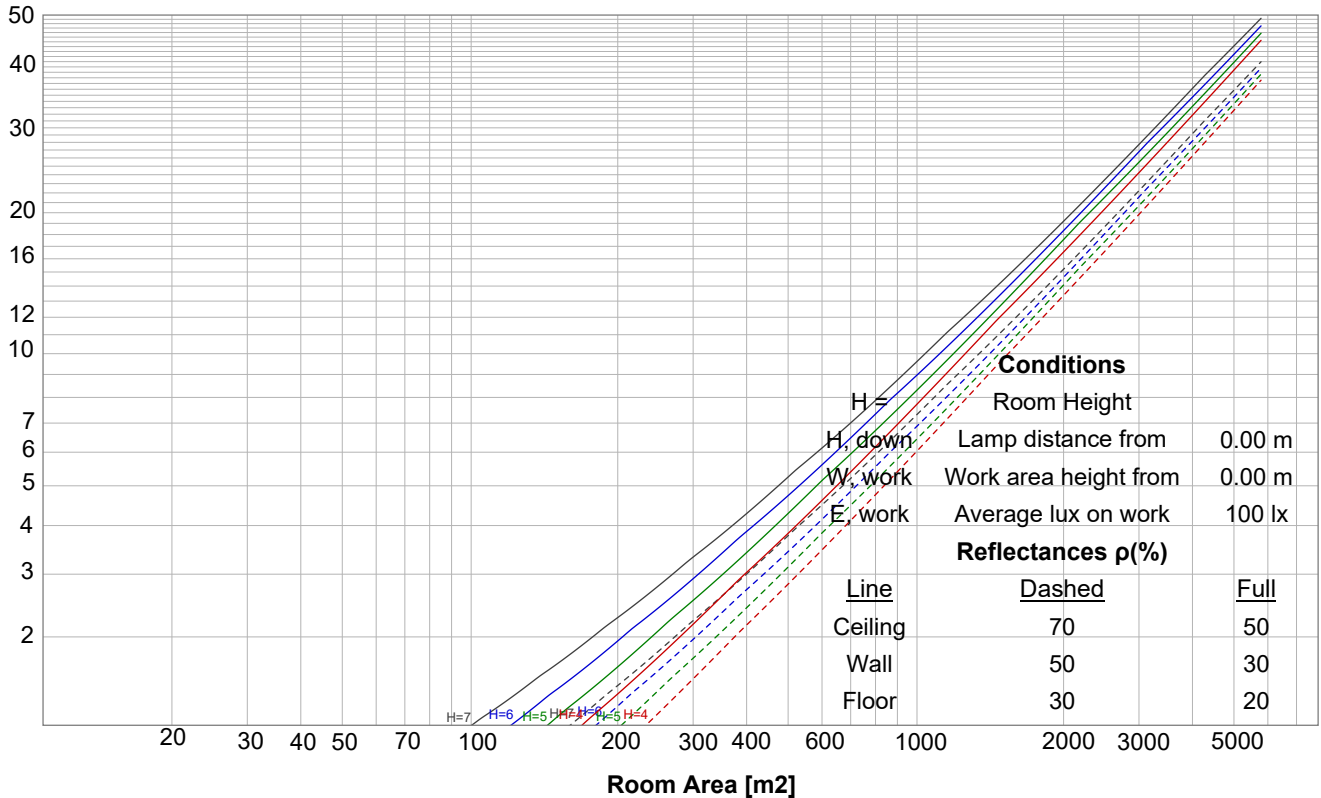


## Beam details

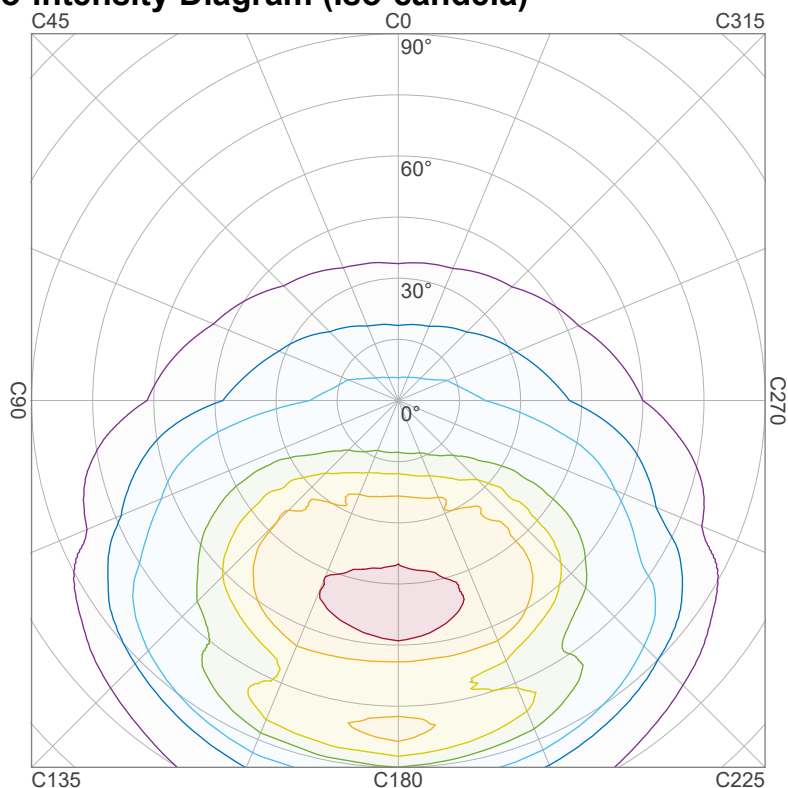


## Luminaire budgetary diagram

LAMPS (number of lamps)



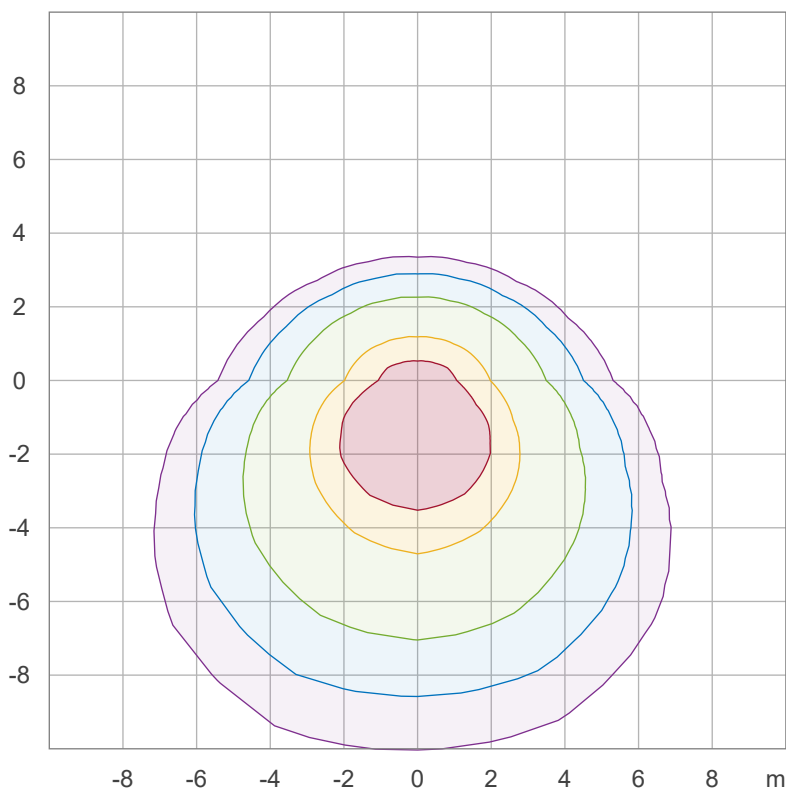
## Iso-intensity Diagram (Iso-candela)



90 %	6908.3 cd
80 %	6140.7 cd
70 %	5373.1 cd
60 %	4605.5 cd
50 %	3838.0 cd
40 %	3070.4 cd
30 %	2302.8 cd
20 %	1535.2 cd
10 %	767.6 cd

Peak intensity: 7675.9 cd  
 Number of c-planes: 16

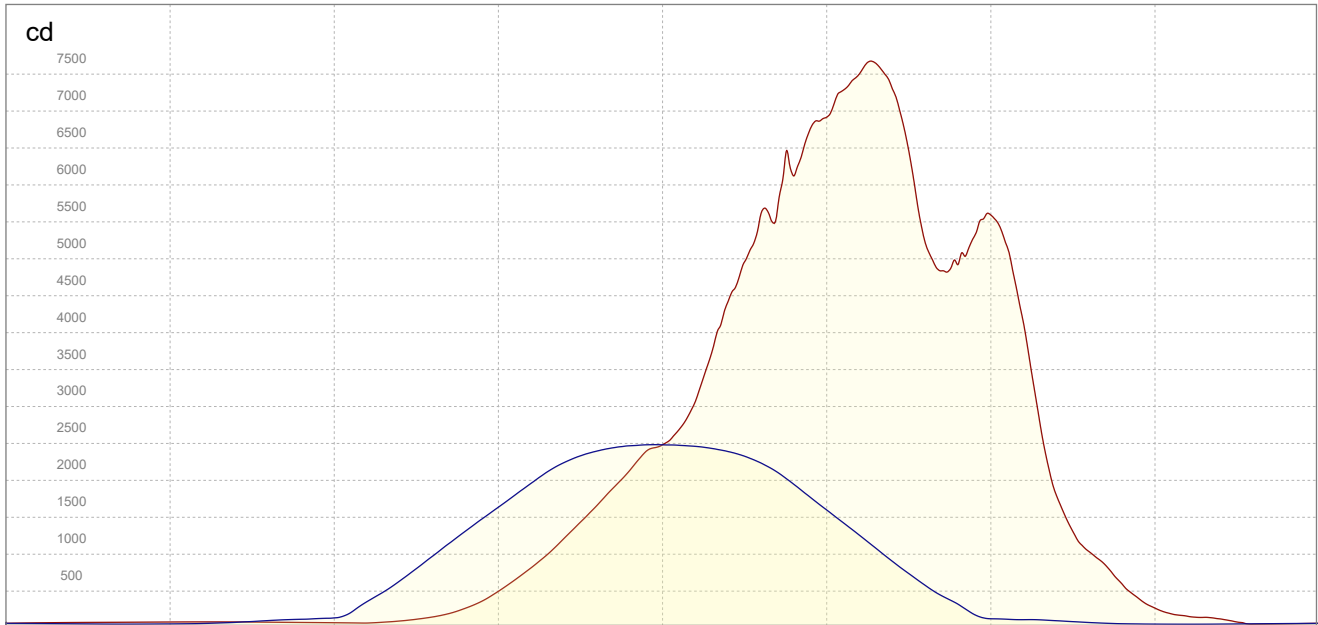
## Iso-illuminance Diagram (Iso-lux)



50.0 %	220.5 lx
30.0 %	132.3 lx
10.0 %	44.1 lx
5.0 %	22.1 lx
3.0 %	13.2 lx

Peak illuminance: 441.0 lx  
 Mounting height: 3.0 m  
 Number of c-planes: 16

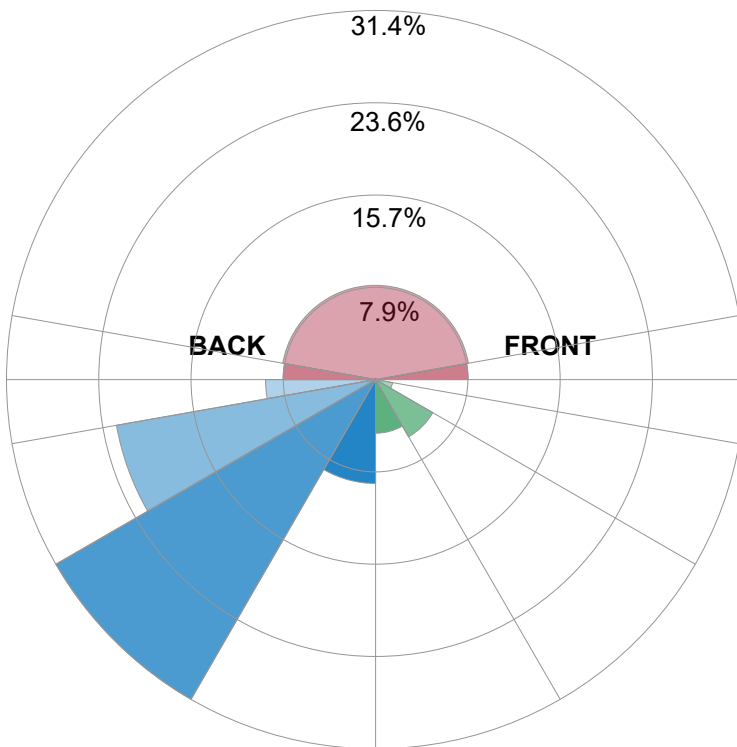
## Linear intensity distribution



— C0 - C180  
— C90 - C270

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

BUG rating B4 U5 G5



### Forward Light

Low (0-30°)	791.3 lm	4.6%
Medium (30-60°)	975.2 lm	5.6%
High (60-80°)	255 lm	1.5%
Very High	52.7 lm	0.3%

### Back Light

Low (0-30°)	1533.2 lm	8.8%
Medium (30-60°)	5450.1 lm	31.4%
High (60-80°)	3884.9 lm	22.4%
Very High	1624.8 lm	9.4%

### Uplight

Low (90-100°)	1367 lm	7.9%
High (100-180°)	1391.7 lm	8%

### Total

Sum	17334 lm	100%
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