

## 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}°  
102 W

## Tested Light Source

Luminaire  
Basic Luminous Shape  
Item No.  
Manufacturer

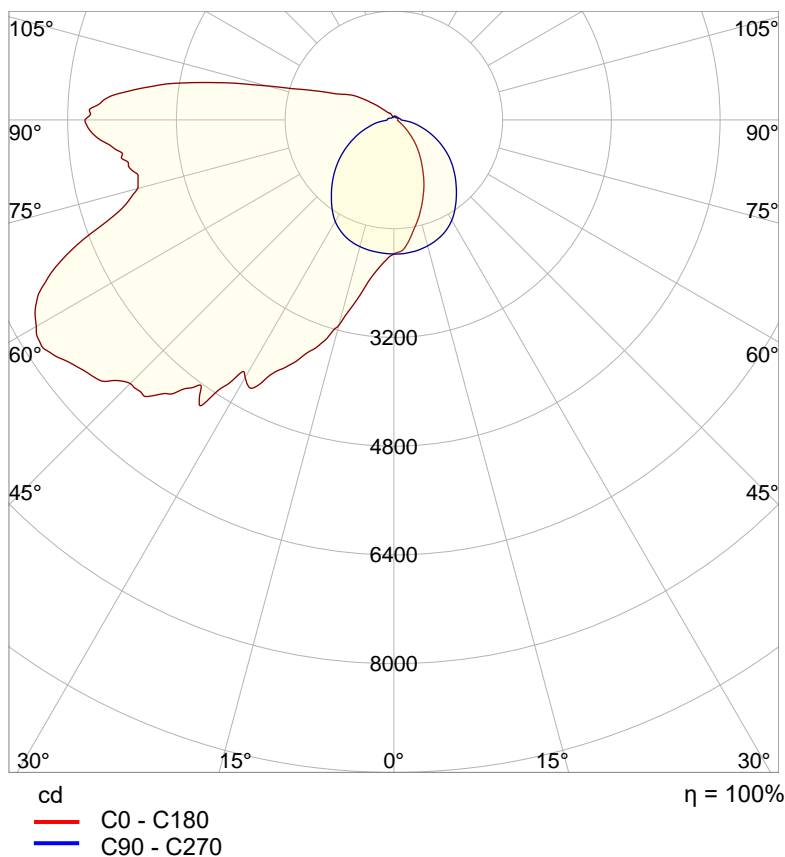
Alpine Wall Pack - ALP-WL-WP120-01  
PANEL  
Grizzly Lighting Systems

## Main Light Measurement Results

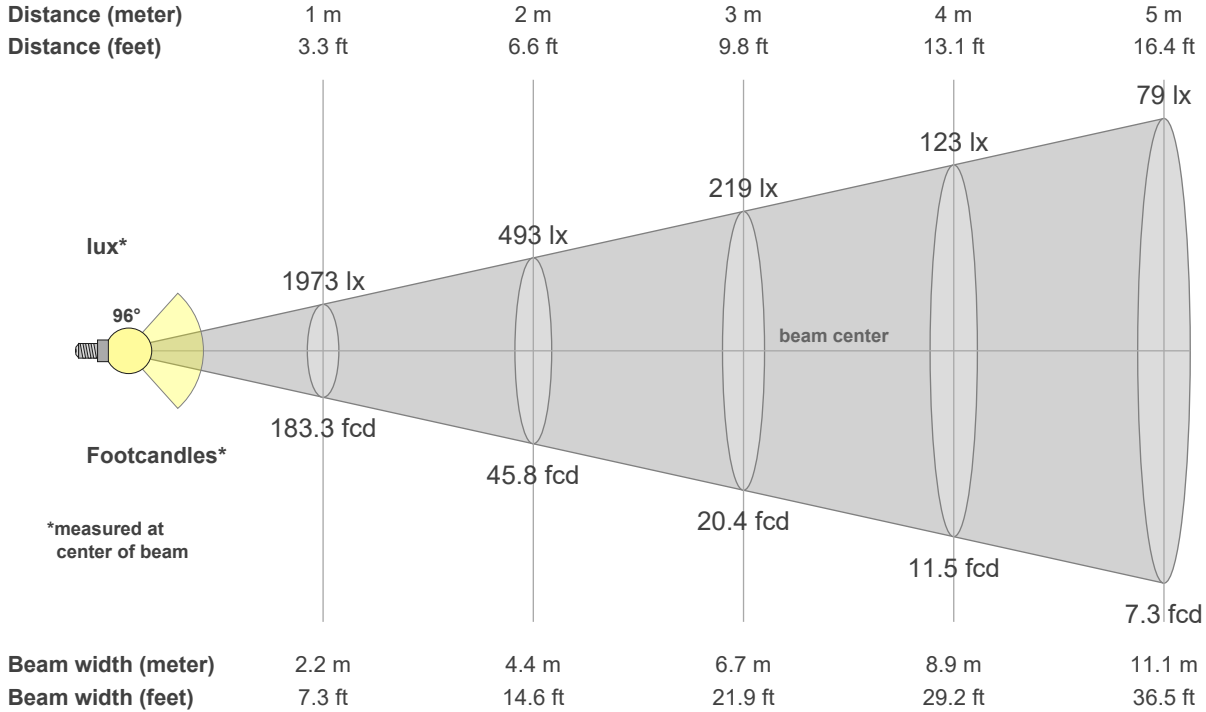
Output – Total Lumen (Up% / Down%)  
Efficiency  
Peak Intensity  
Correlated Color Temperature, CCT  
Color Rendering Index

13747 lm – 16.11% / 83.89%  
135 lm/W  
6157 cd  
3000 K  
CRI 70.0

## Polar light distribution diagram

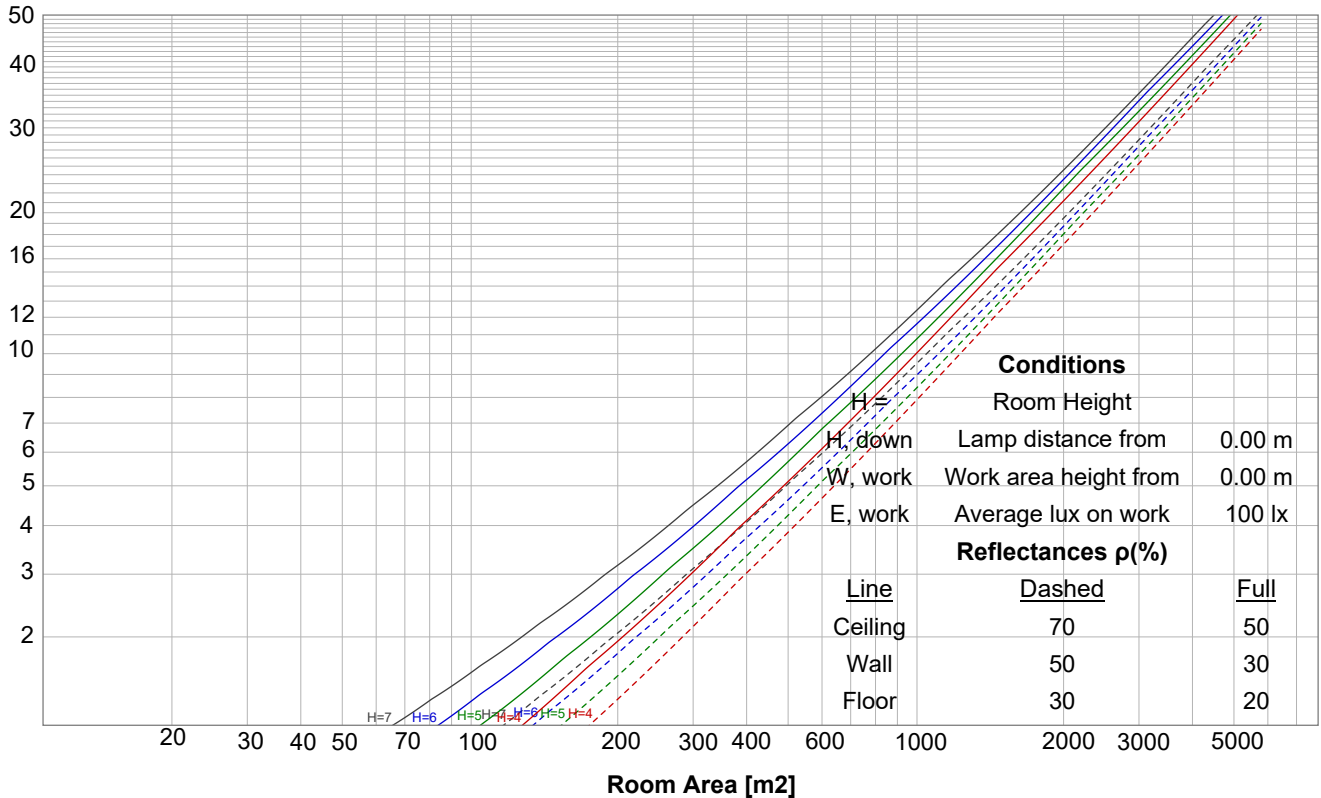


## Beam details

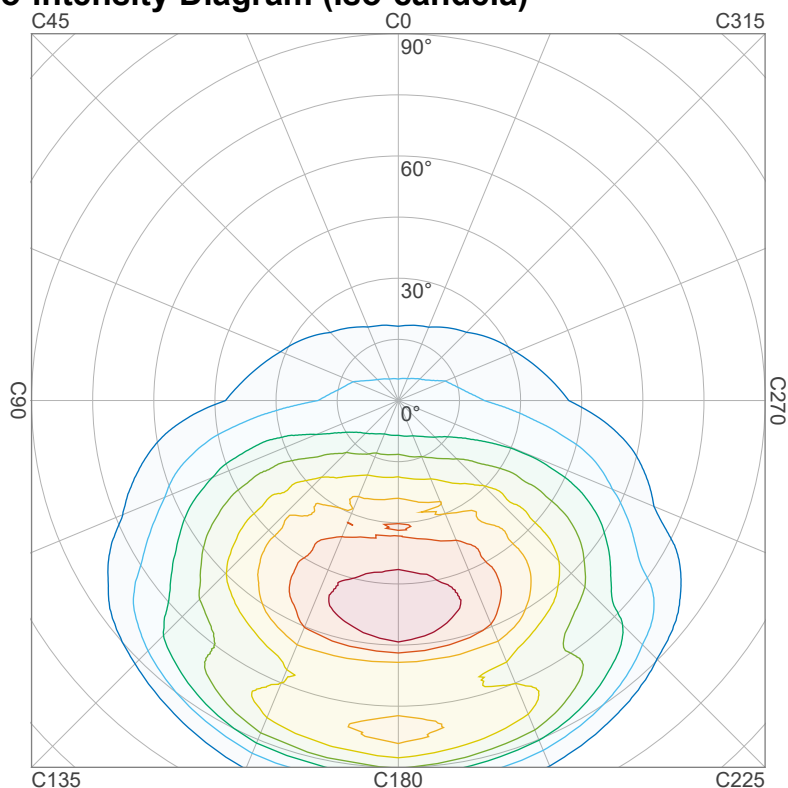


## Luminaire budgetary diagram

LAMPS (number of lamps)



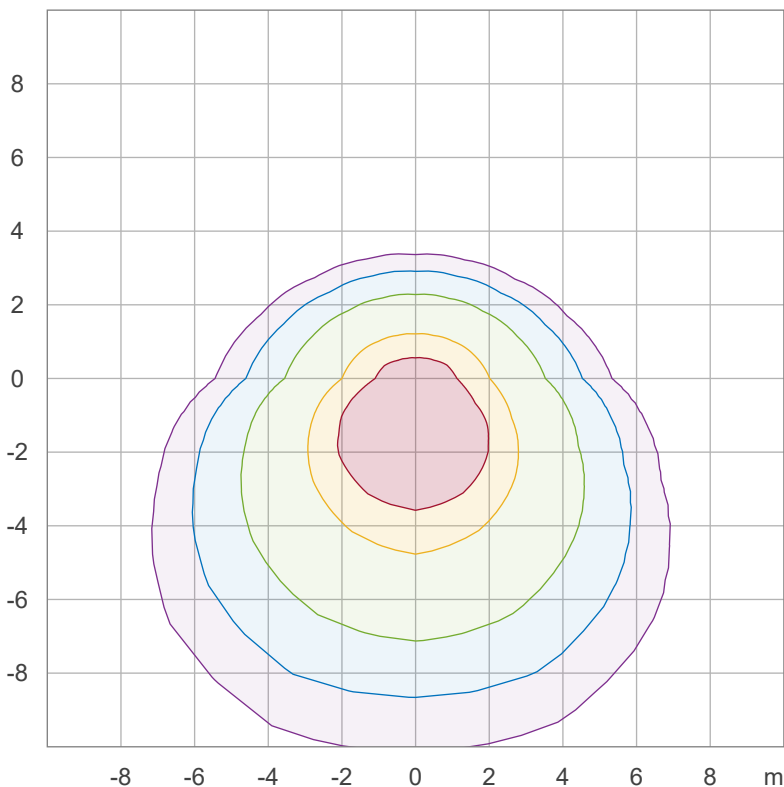
## Iso-intensity Diagram (Iso-candela)



90 %	5541.3 cd
80 %	4925.6 cd
70 %	4309.9 cd
60 %	3694.2 cd
50 %	3078.5 cd
40 %	2462.8 cd
30 %	1847.1 cd
20 %	1231.4 cd
10 %	615.7 cd

Peak intensity: 6157.0 cd  
 Number of c-planes: 16

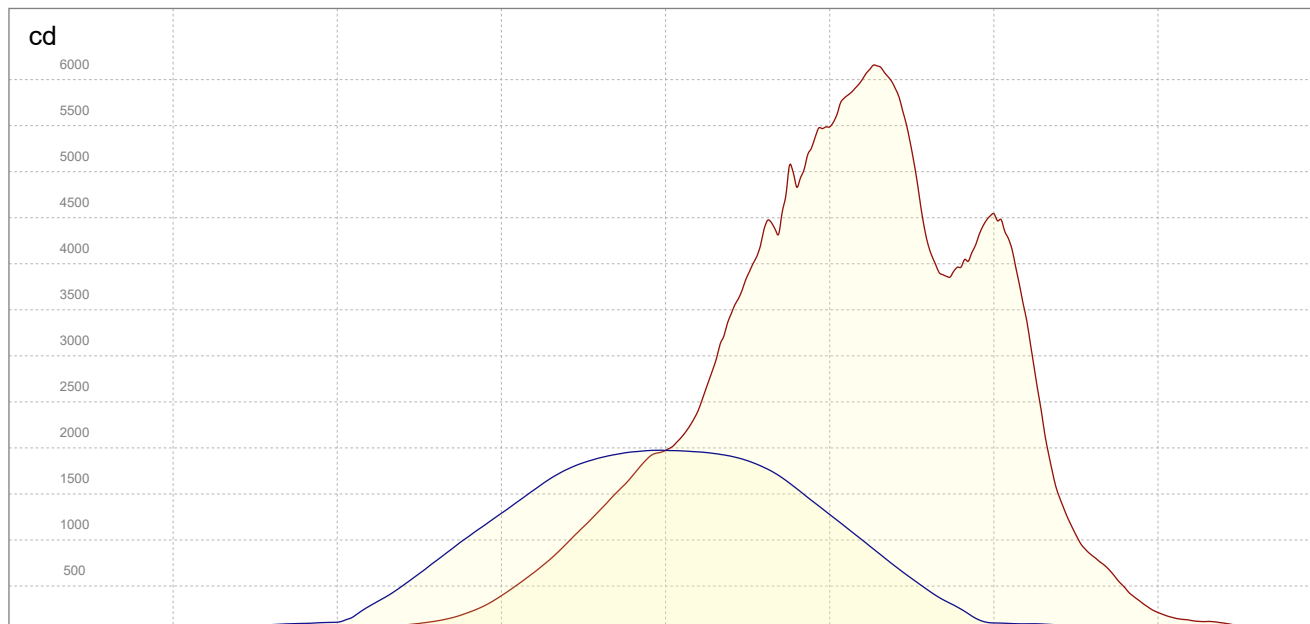
## Iso-illuminance Diagram (Iso-lux)



50.0 %	171.9 lx
30.0 %	103.1 lx
10.0 %	34.4 lx
5.0 %	17.2 lx
3.0 %	10.3 lx

Peak illuminance: 343.7 lx  
 Mounting height: 3.0 m  
 Number of c-planes: 16

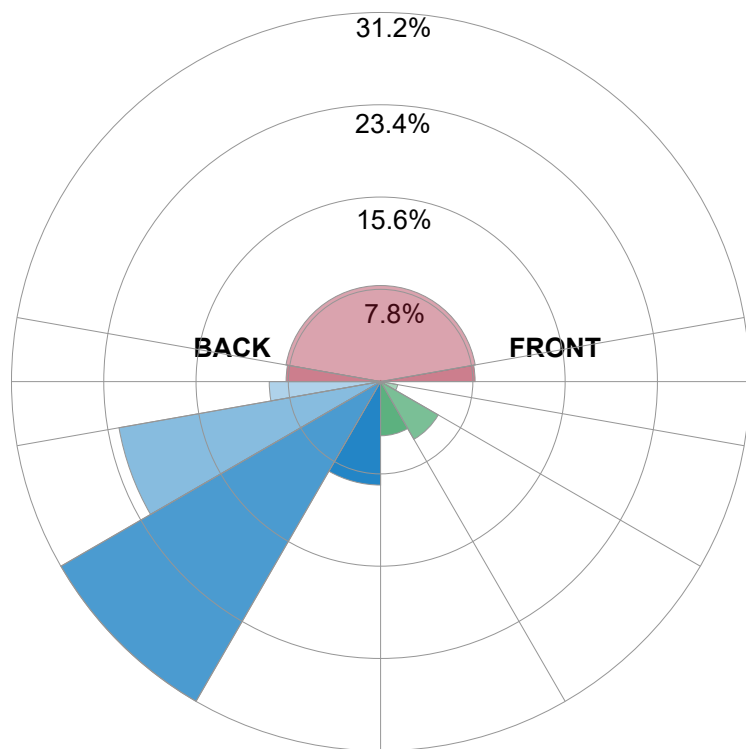
## Linear intensity distribution



— C0 - C180  
— C90 - C270

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

BUG rating B4 U5 G5



### Forward Light

Low (0-30°)	629.5 lm	4.6%
Medium (30-60°)	774.4 lm	5.6%
High (60-80°)	201.6 lm	1.5%
Very High	41.8 lm	0.3%

### Back Light

Low (0-30°)	1202.6 lm	8.7%
Medium (30-60°)	4291.8 lm	31.2%
High (60-80°)	3088.9 lm	22.5%
Very High	1294.8 lm	9.4%

### Uplight

Low (90-100°)	1099 lm	8%
High (100-180°)	1117.1 lm	8.1%

### Total

Sum	13747 lm	100%
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