

Light measurement report



Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	7/14/2026

Measurement Conditions

Tested c-planes	12
Tested gamma angles	181 – 1.00°
Input Power	14.62 W

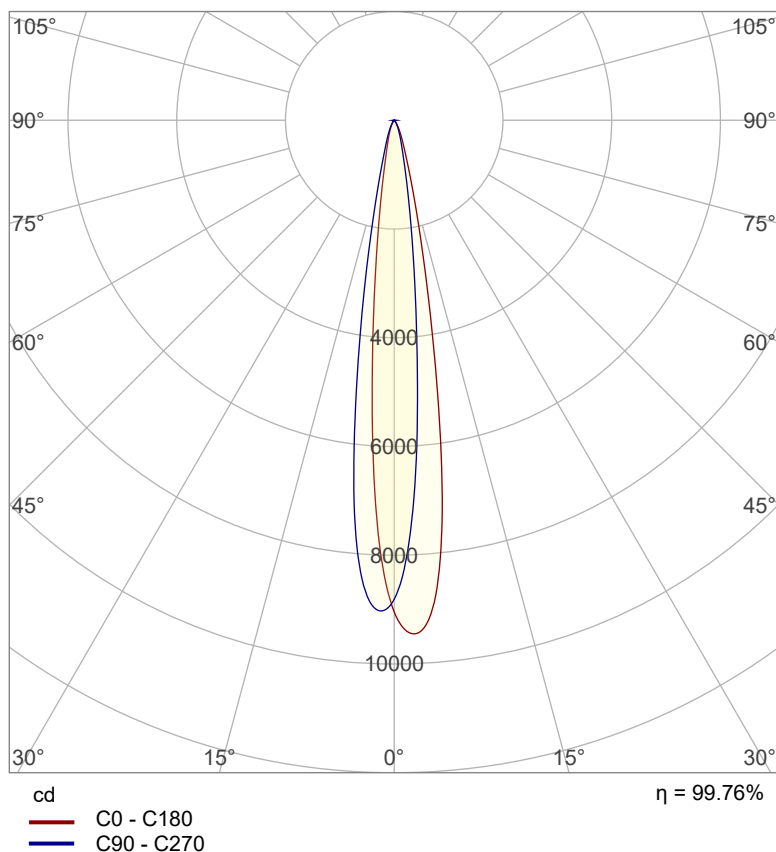
Tested Light Source

Luminaire	2023/4/19 9:42:29
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

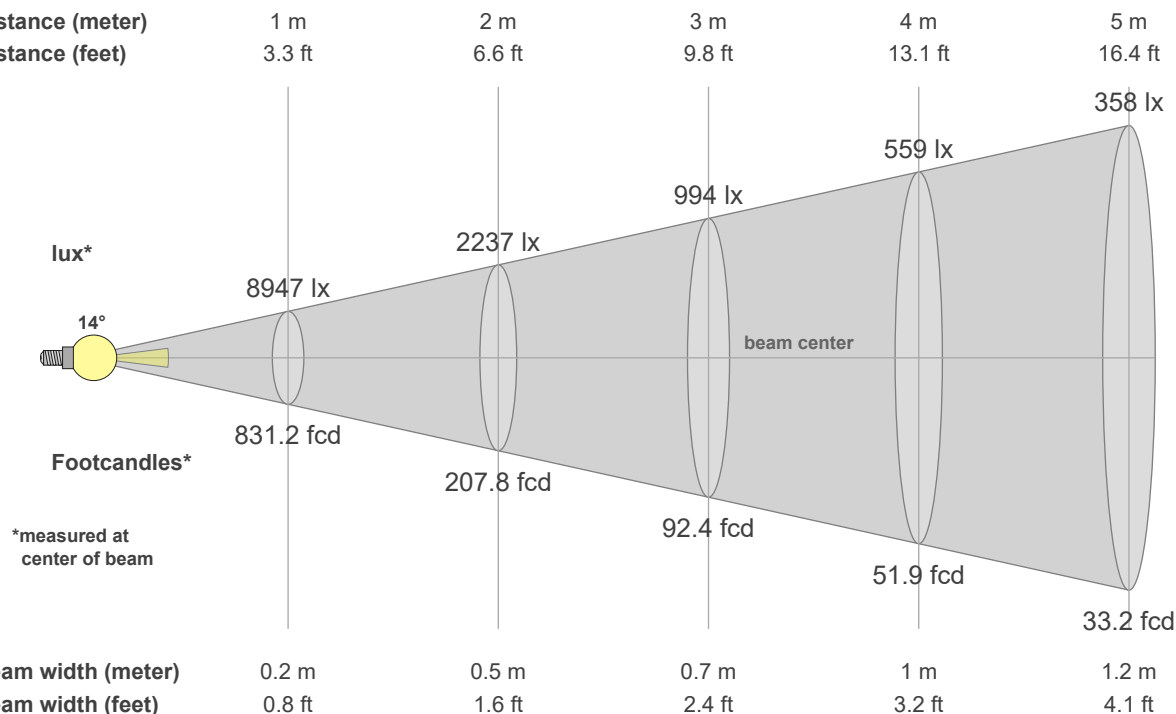
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	915.4 lm – 0.0022% / 100%
Efficiency	62.61 lm/W
Peak Intensity	9448 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

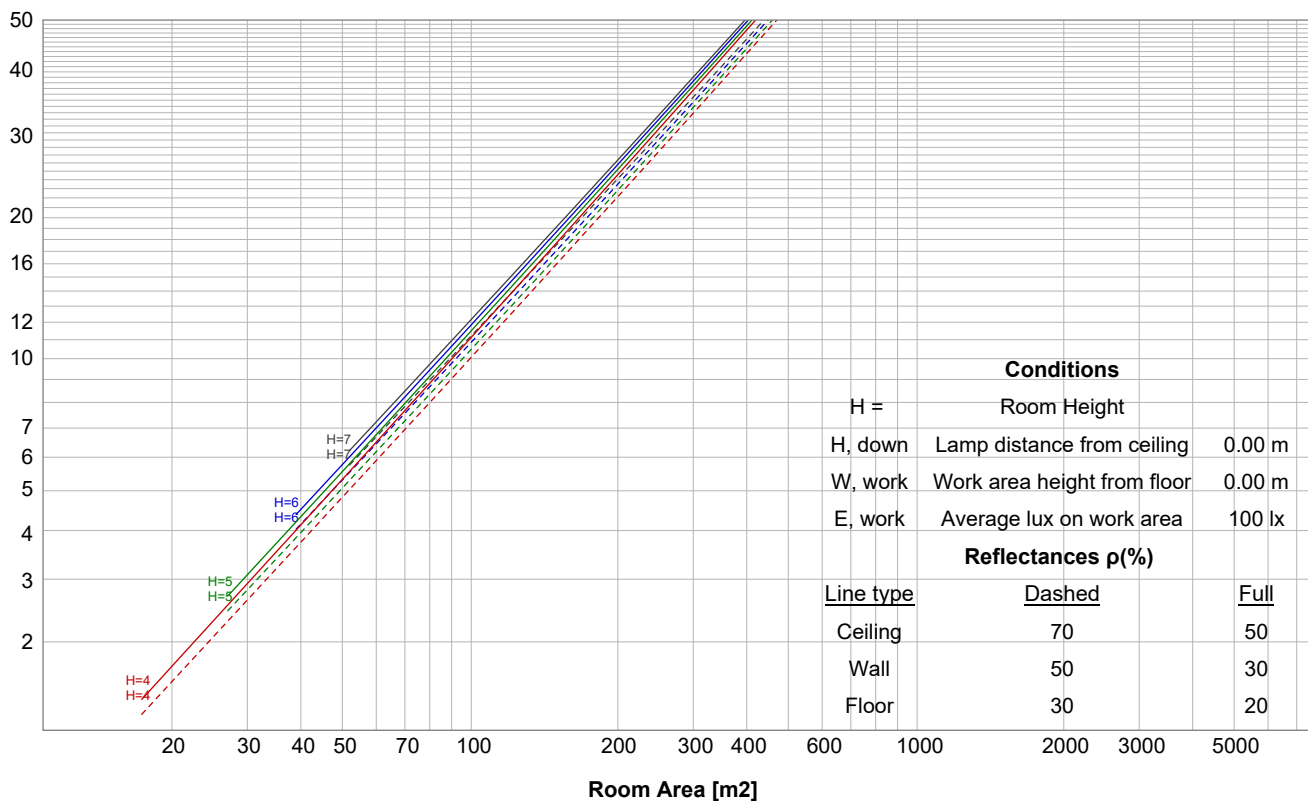


Beam details

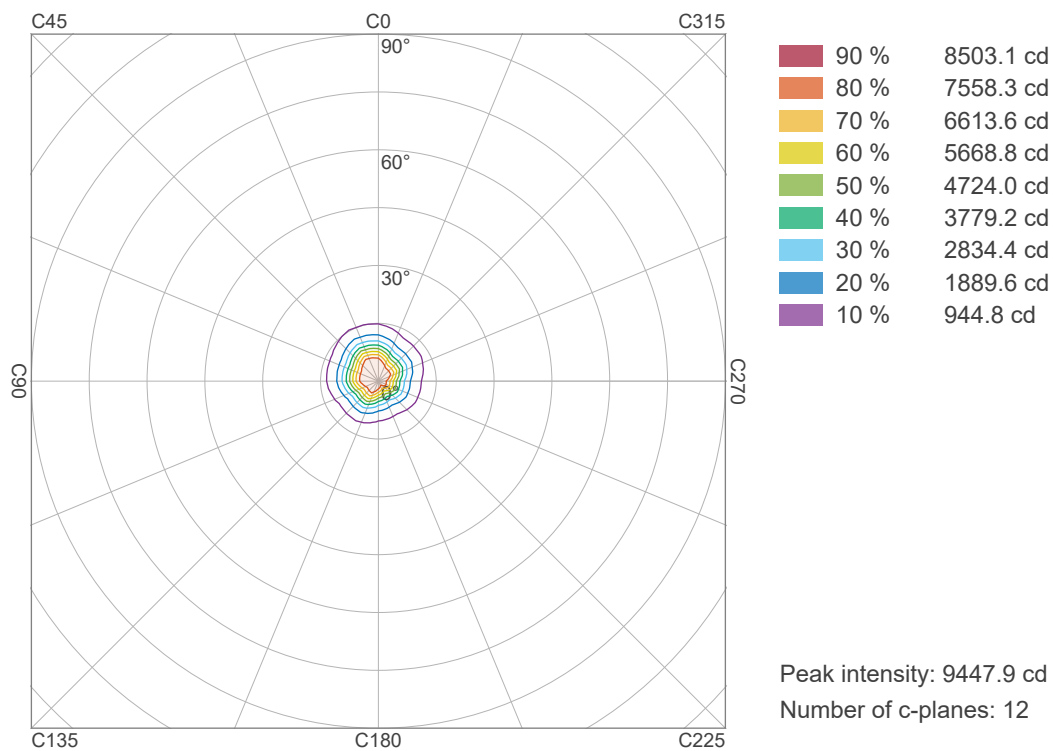


Luminaire budgetary diagram

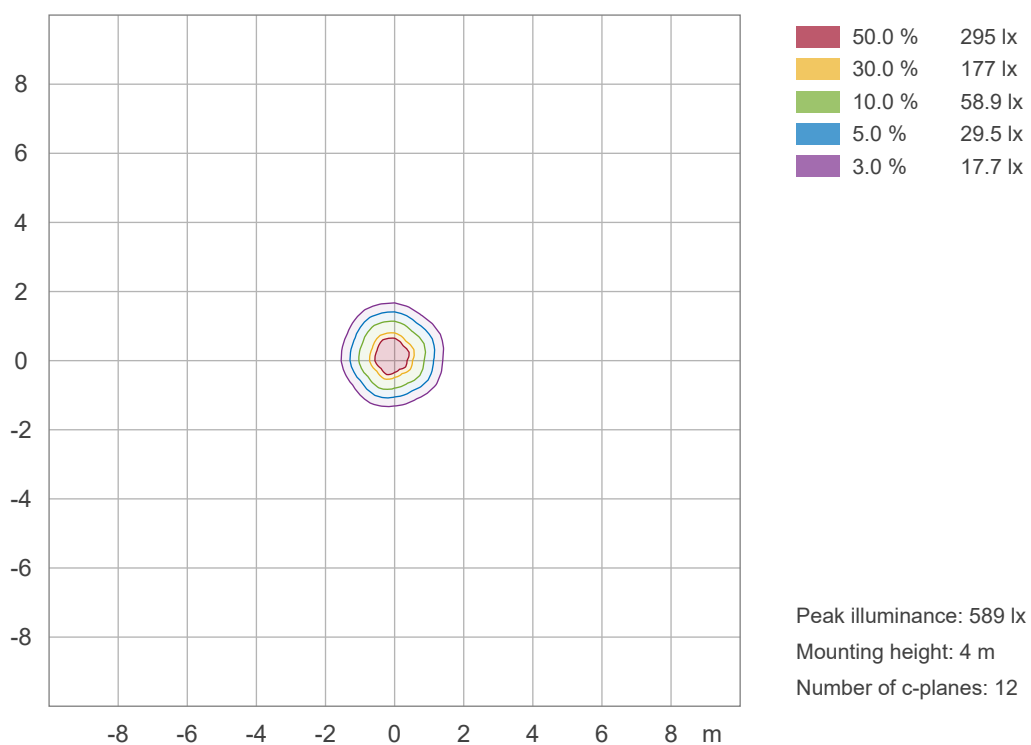
LAMPS (number of lamps)



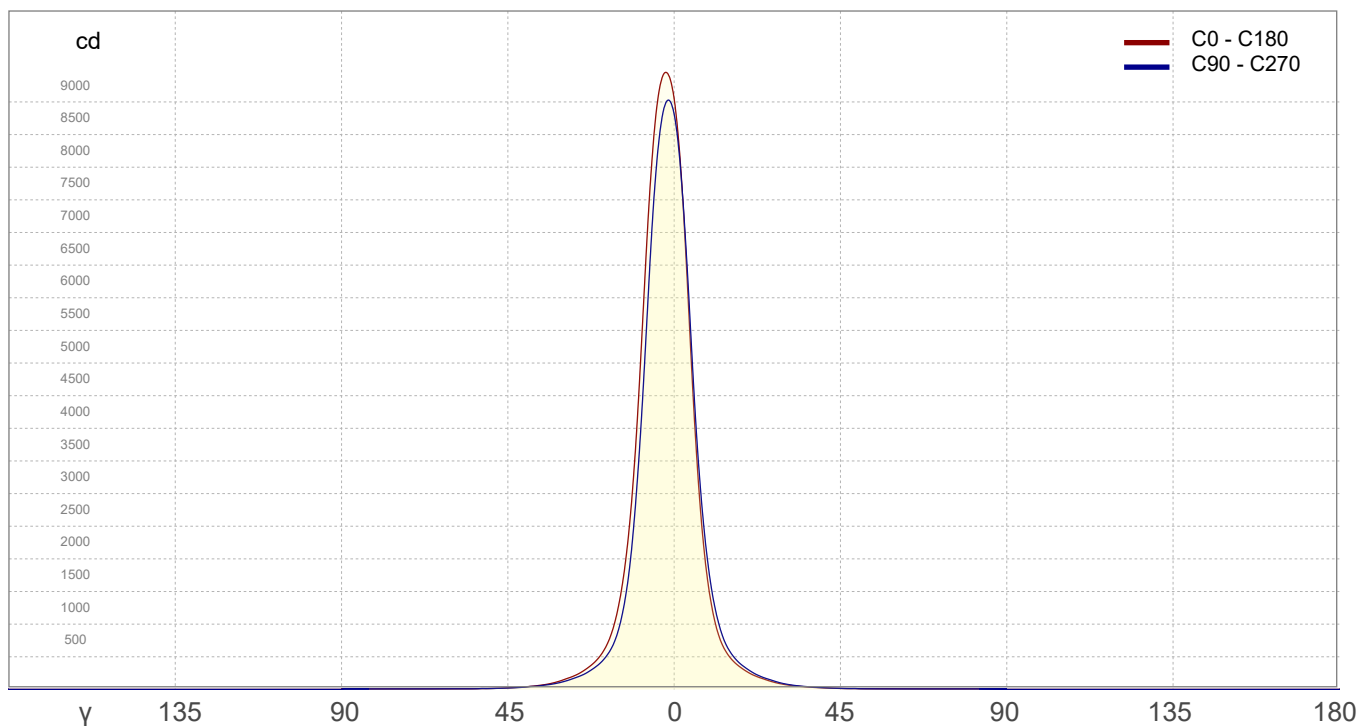
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

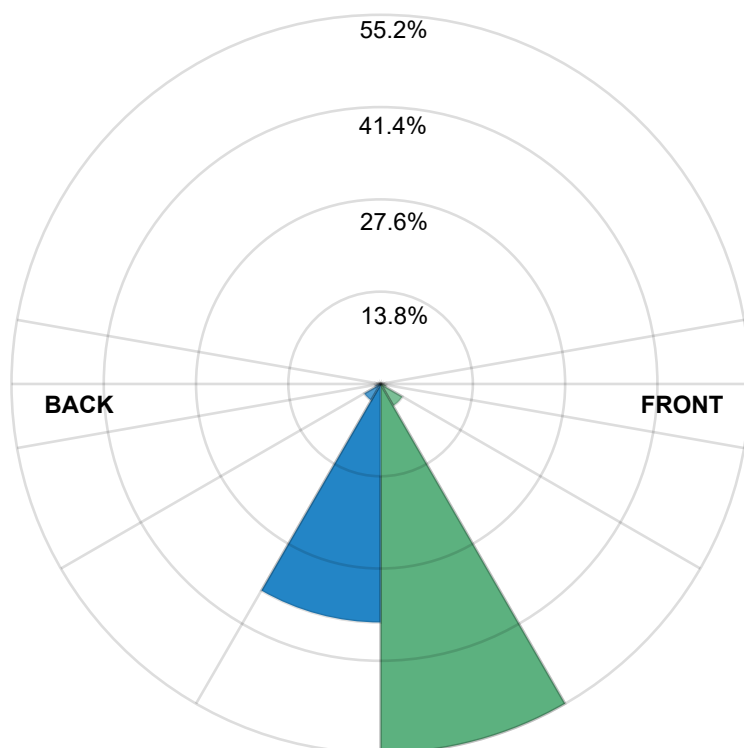


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	505.6 lm	55.2%
Medium (30-60°)	34.5 lm	3.8%
High (60-80°)	7.5 lm	0.8%
Very High (80-90°)	3.8 lm	0.4%

Back Light

Low (0-30°)	326.7 lm	35.7%
Medium (30-60°)	25.8 lm	2.8%
High (60-80°)	7.5 lm	0.8%
Very High (80-90°)	3.9 lm	0.4%

Uplight

Low (90-100°)	0.0 lm	0.00%
High (100-180°)	0.0 lm	0.0%

Total

Sum	915.4 lm	100,0%
-----	----------	--------