

Light measurement report



Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	6/29/2026

Measurement Conditions

Tested c-planes	8
Tested gamma angles	181 – 1.00°
Input Power	6.32 W

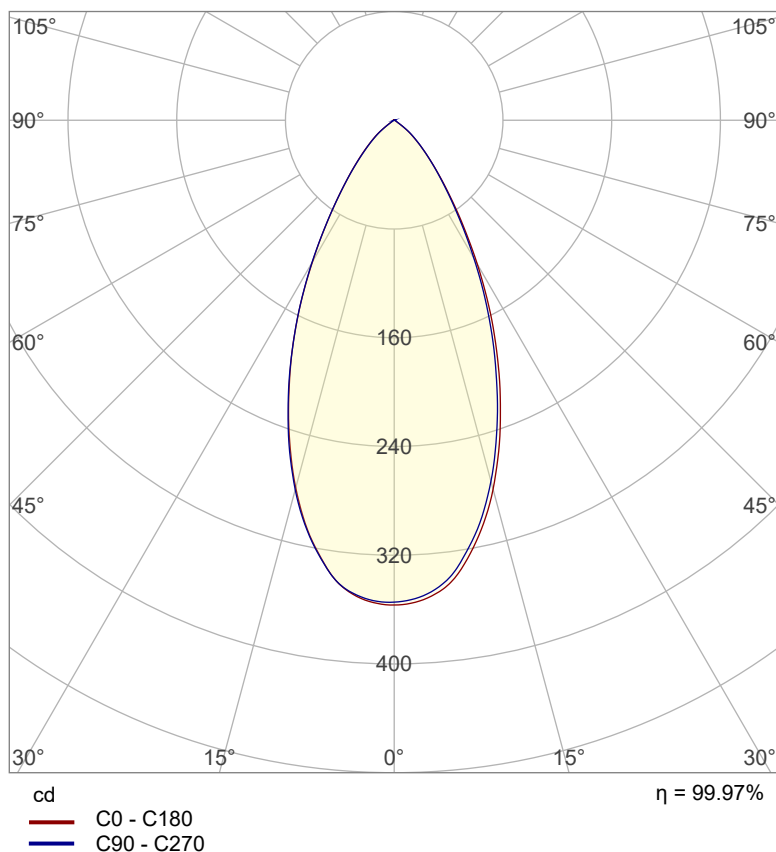
Tested Light Source

Luminaire	2021/12/23 9:12:40
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

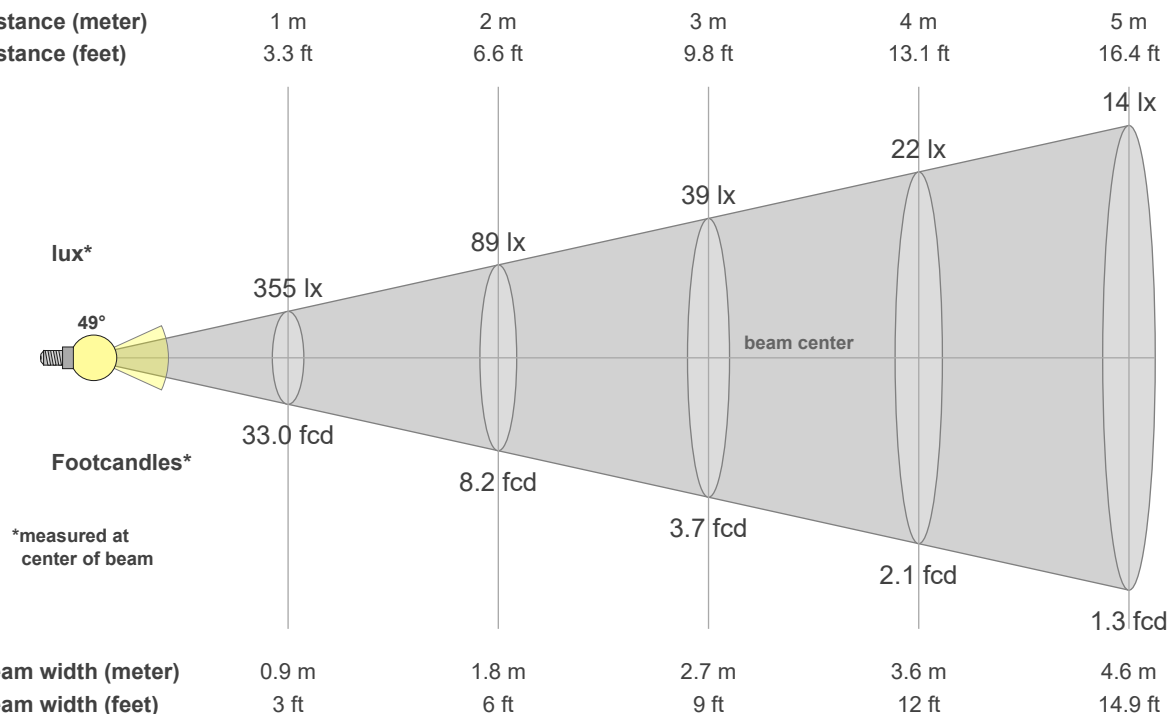
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	267.9 lm – 0.0002% / 100%
Efficiency	42.39 lm/W
Peak Intensity	356.6 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

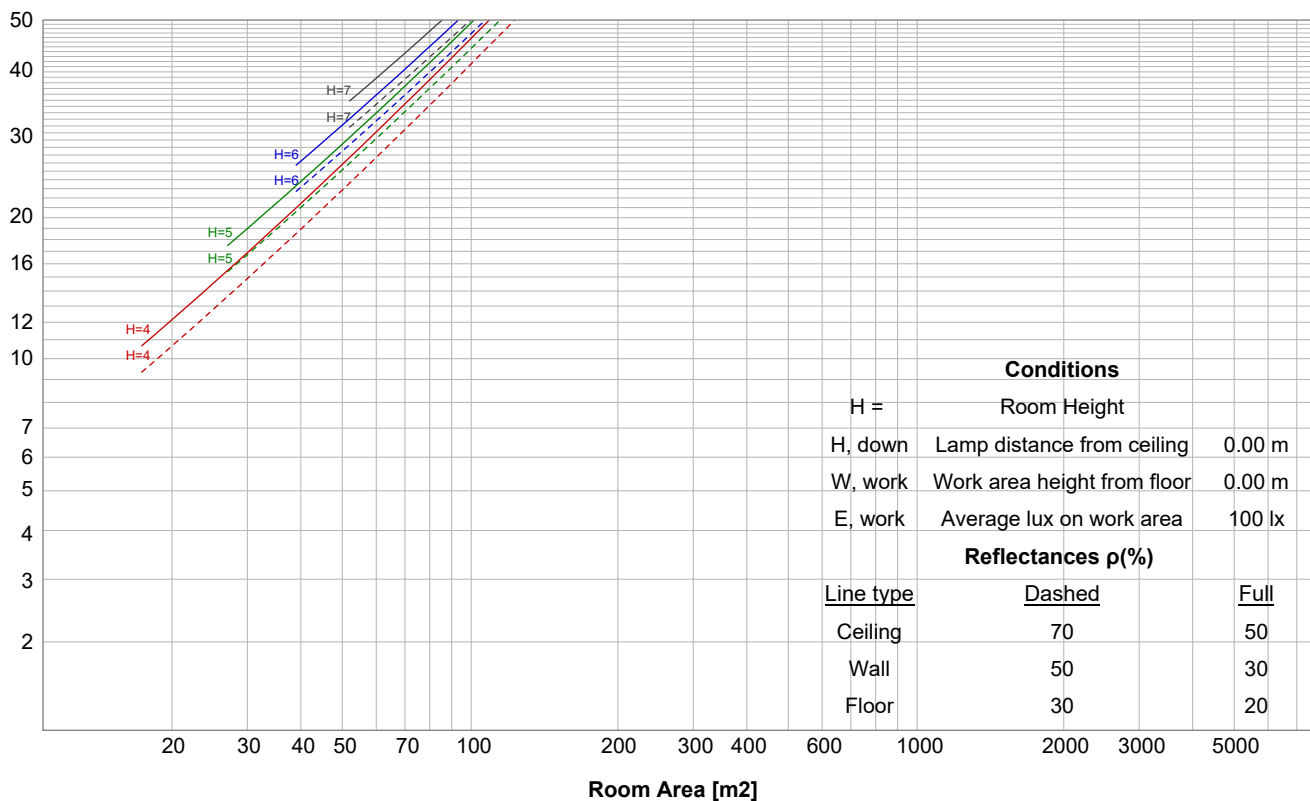


Beam details

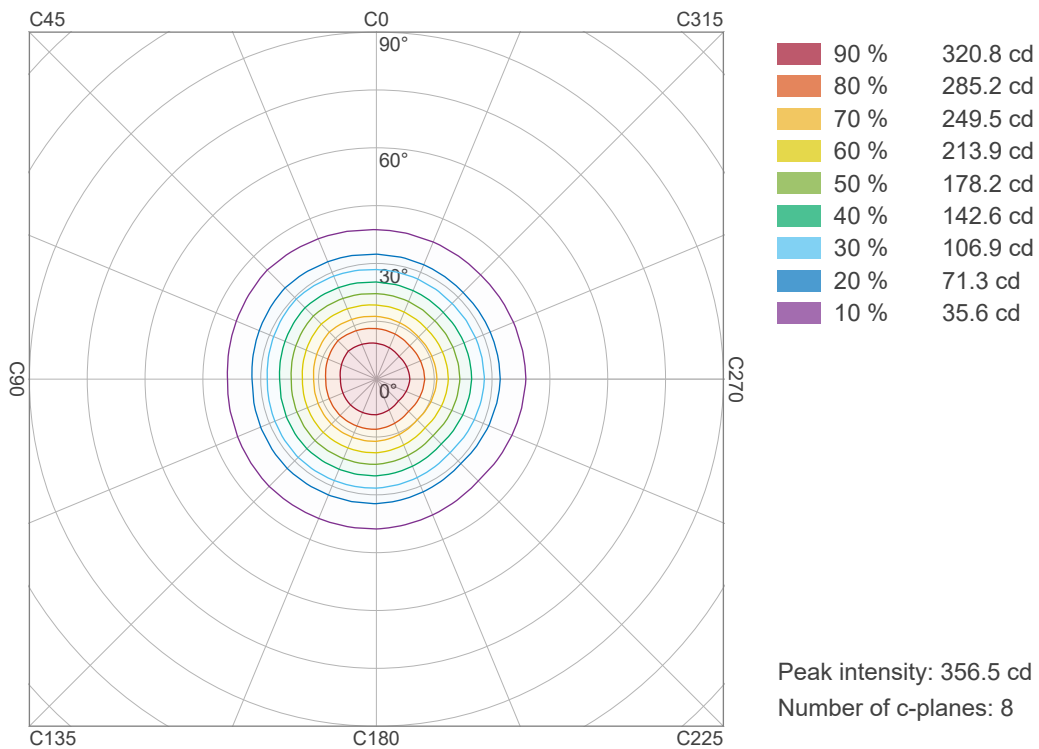


Luminaire budgetary diagram

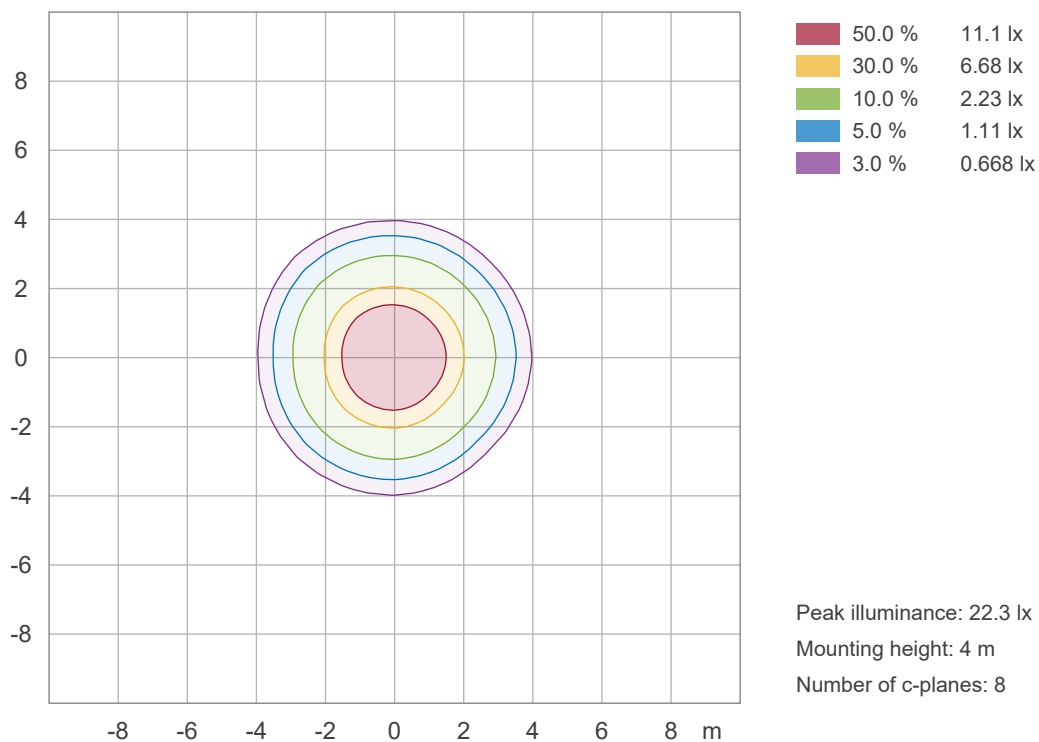
LAMPS (number of lamps)



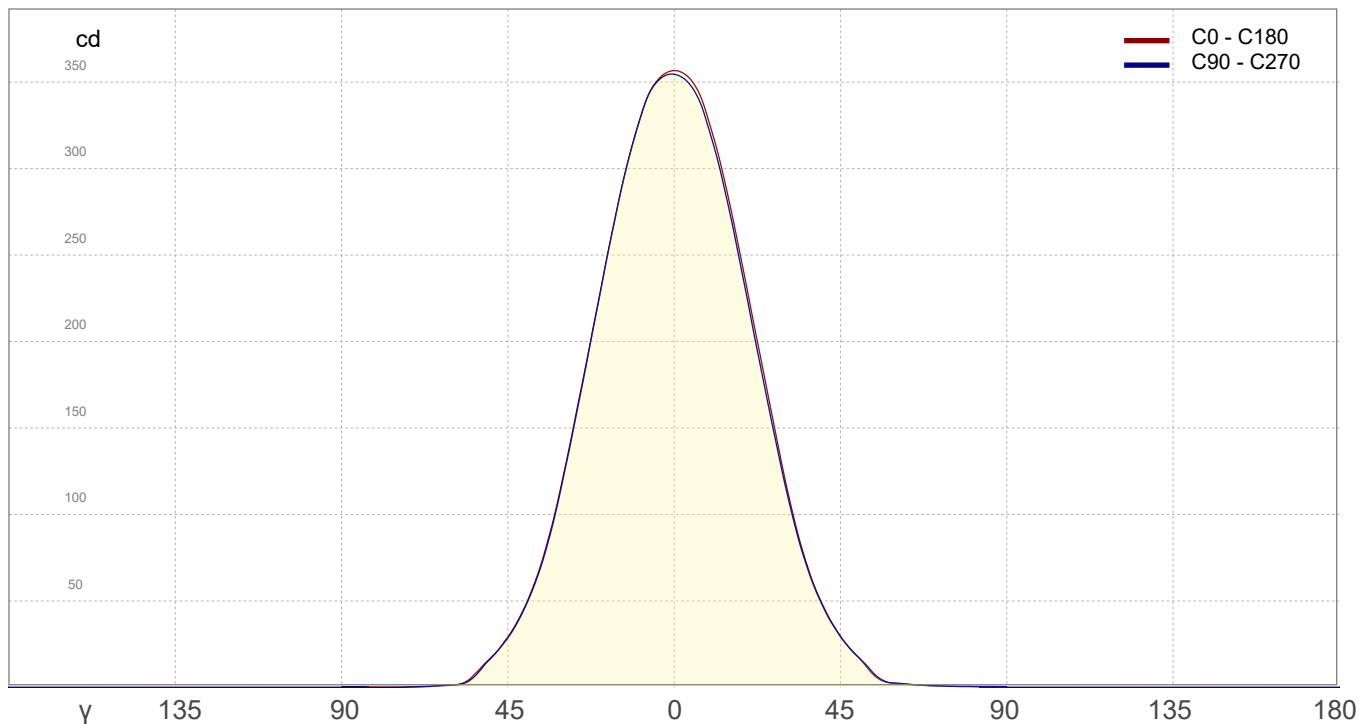
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

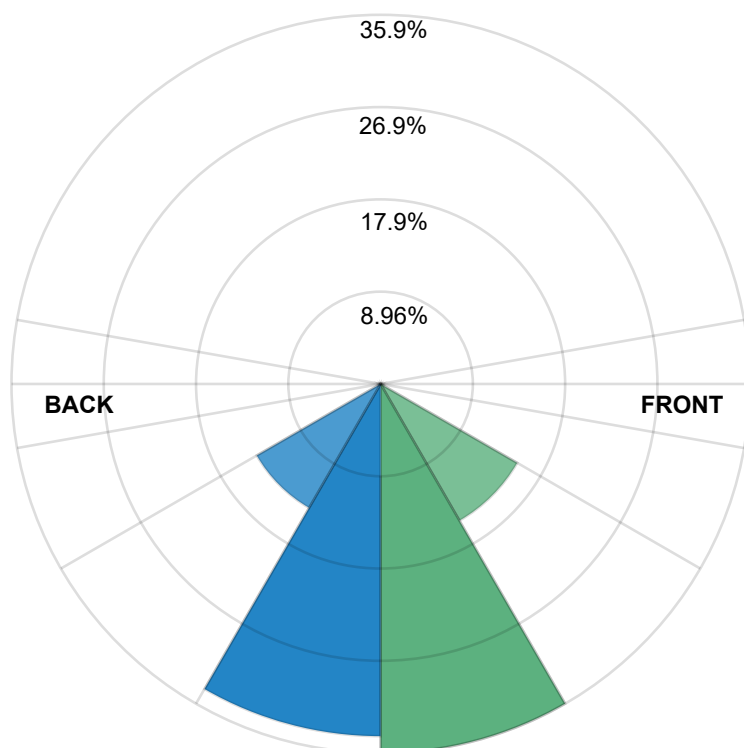


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	96.1 lm	35.9%
Medium (30-60°)	41.1 lm	15.3%
High (60-80°)	0.9 lm	0.3%
Very High (80-90°)	0.2 lm	0.1%

Back Light

Low (0-30°)	91.7 lm	34.2%
Medium (30-60°)	37.2 lm	13.9%
High (60-80°)	0.7 lm	0.3%
Very High (80-90°)	0.1 lm	0.1%

Uplight

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

Total

Sum	267.9 lm	100,0%
-----	----------	--------