

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	33.28 W

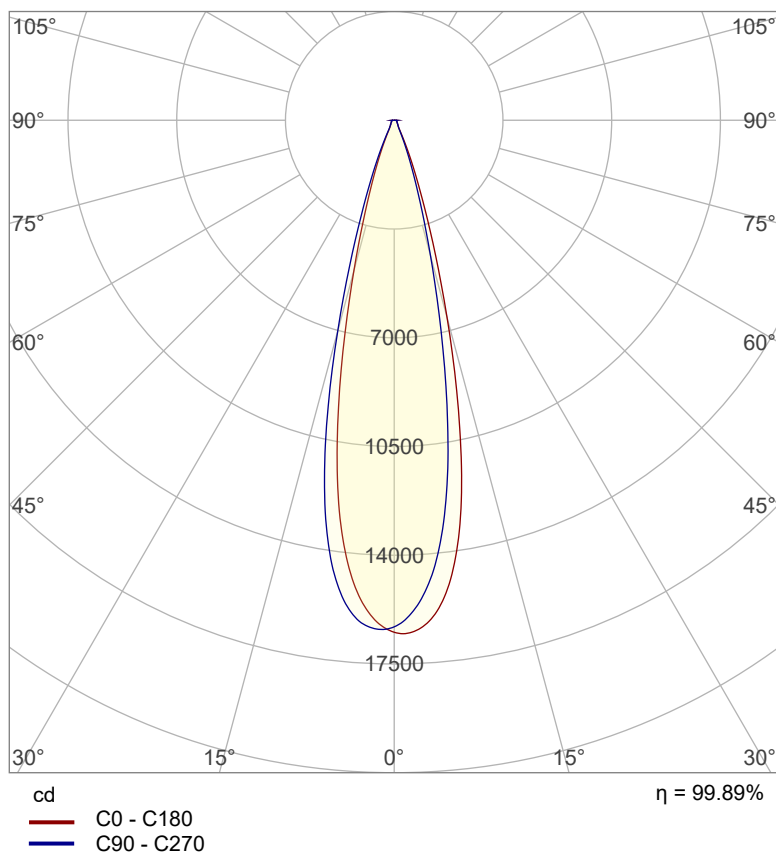
Tested Light Source

Luminaire	2023/4/19 19:07:37
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

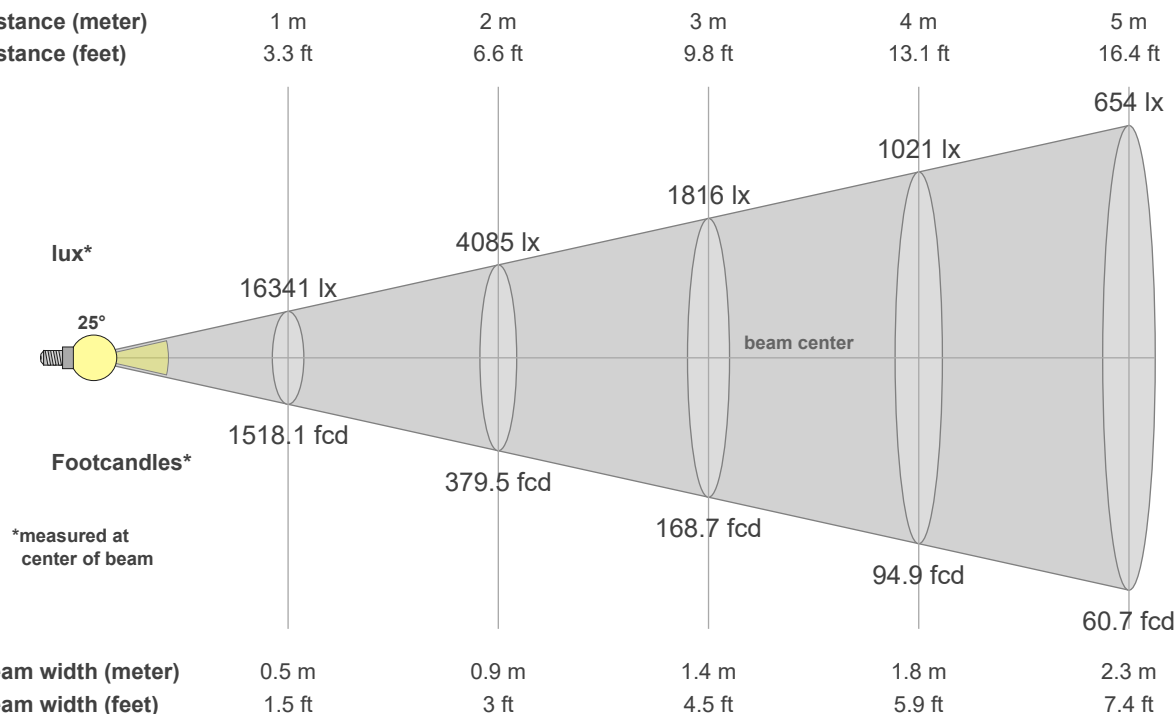
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	3949 lm – 0.0048% / 100%
Efficiency	118.6 lm/W
Peak Intensity	16.53 kcd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

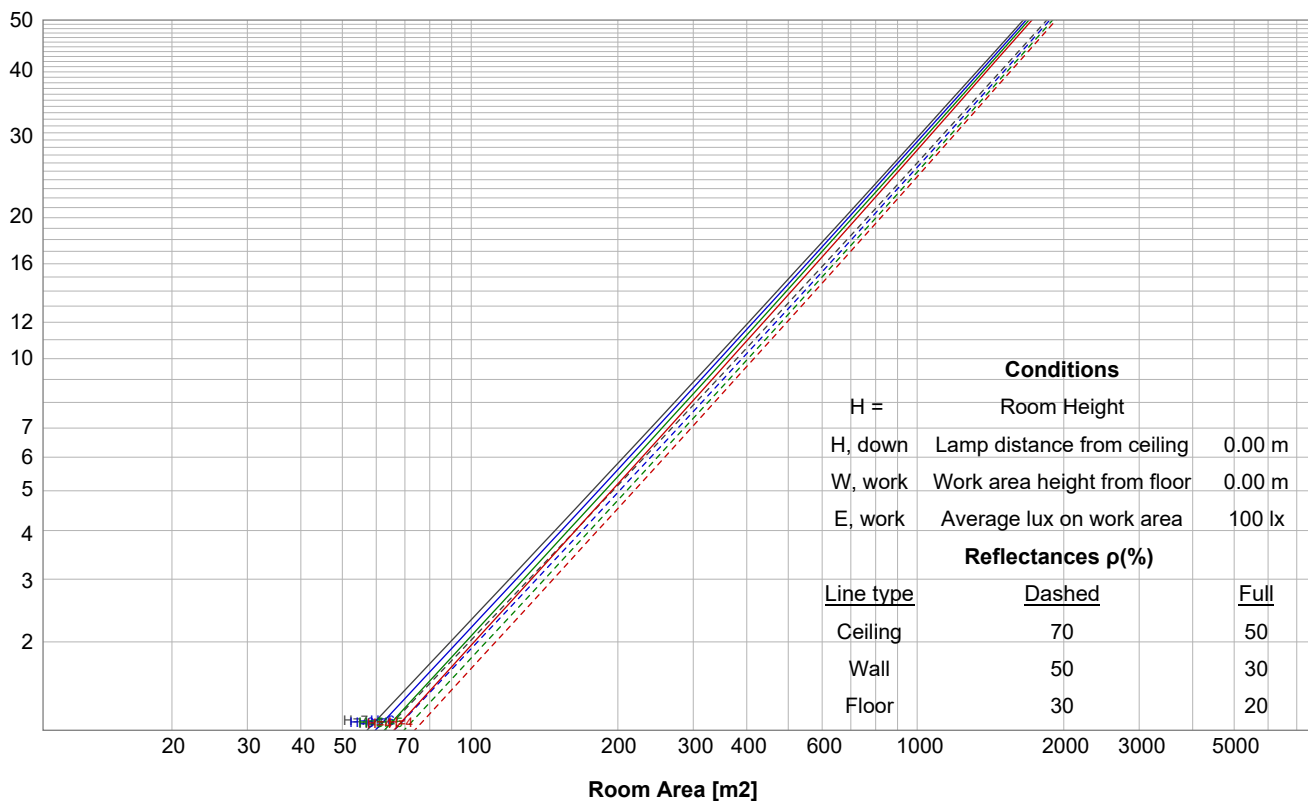


Beam details

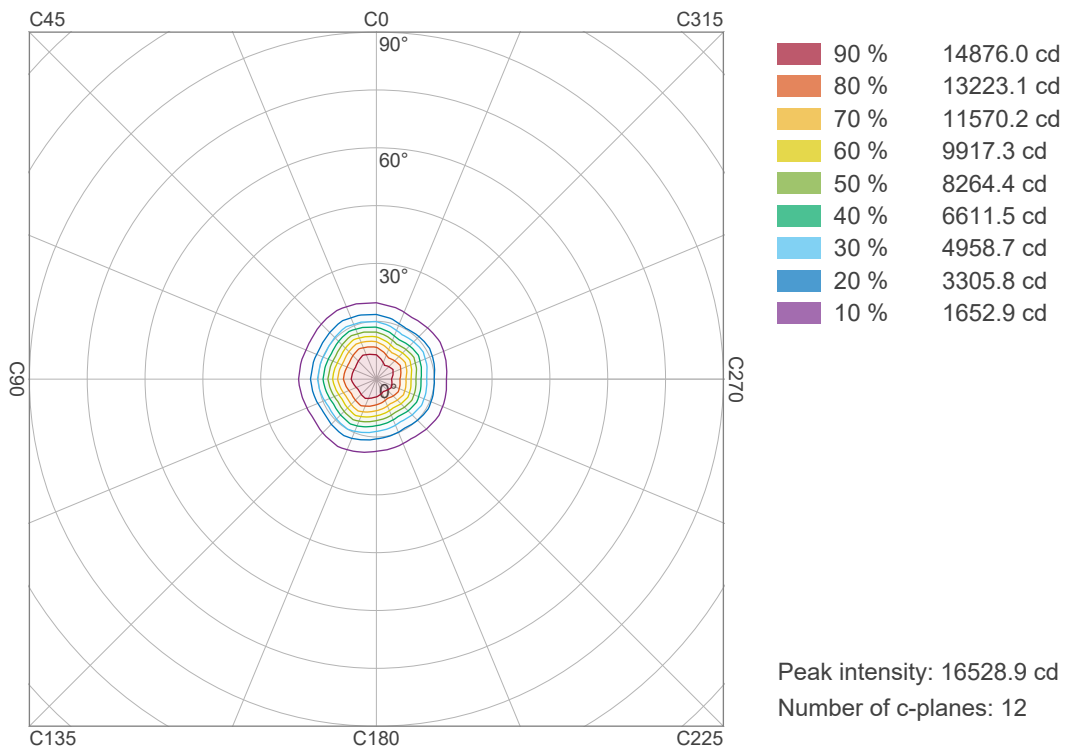


Luminaire budgetary diagram

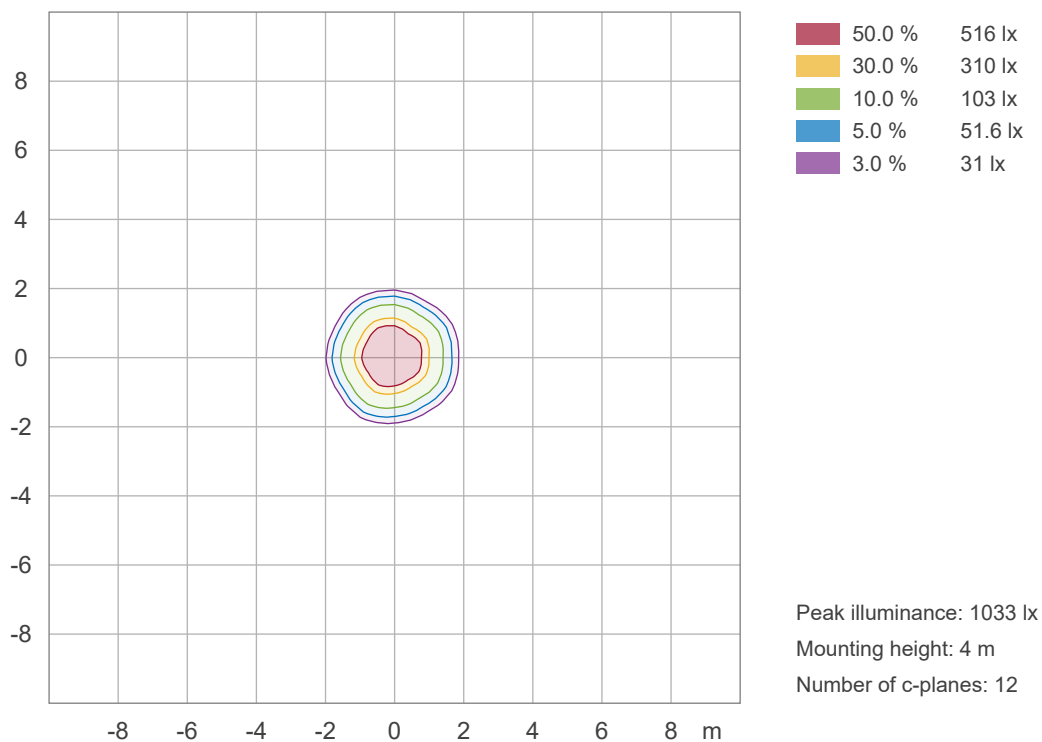
LAMPS (number of lamps)



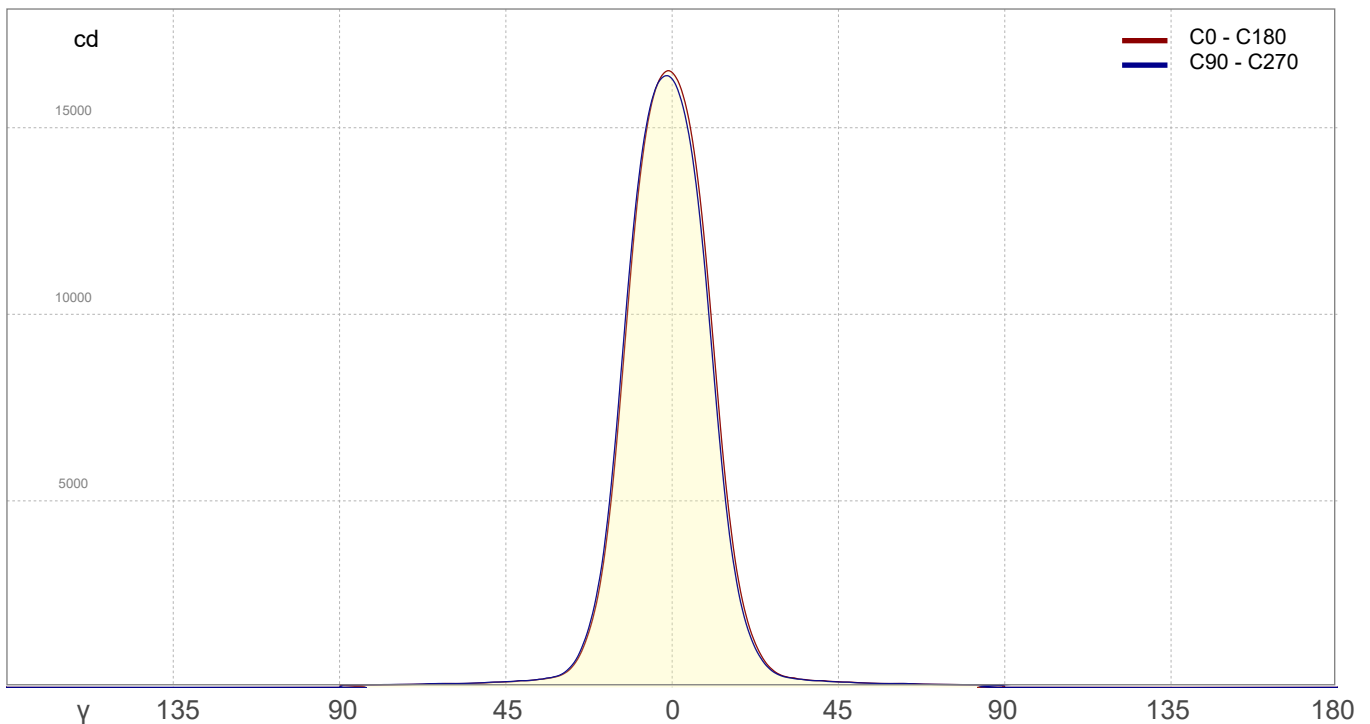
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

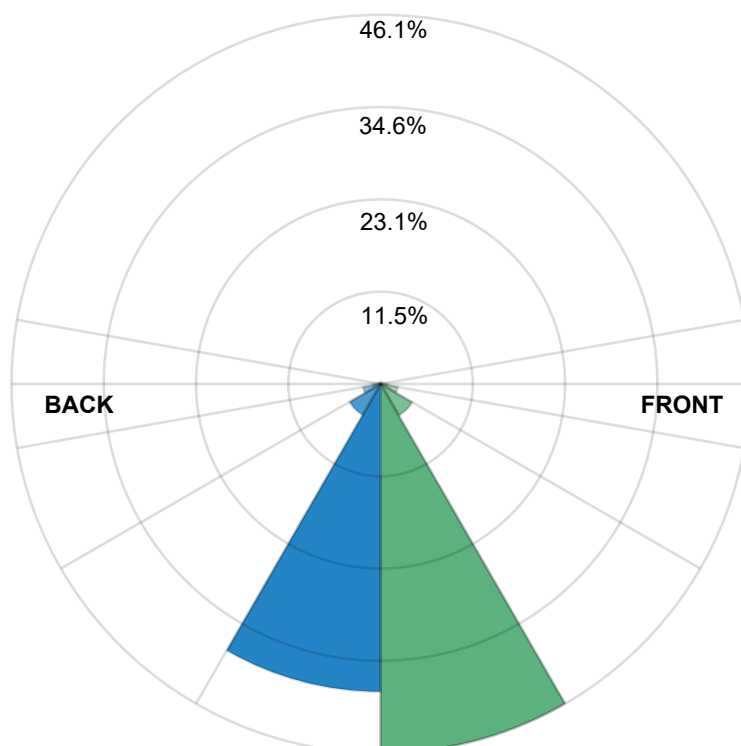


Linear intensity distribution diagram



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

BUG rating B3 U0 G1



Forward Light

Low (0-30°)	1822.0 lm	46.1%
Medium (30-60°)	180.6 lm	4.6%
High (60-80°)	87.6 lm	2.2%
Very High (80-90°)	36.3 lm	0.9%

Back Light

Low (0-30°)	1518.9 lm	38.5%
Medium (30-60°)	177.2 lm	4.5%
High (60-80°)	88.3 lm	2.2%
Very High (80-90°)	37.9 lm	1.0%

Uplight

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

Total

Sum	3948.7 lm	100,0%
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