

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	8.42 W

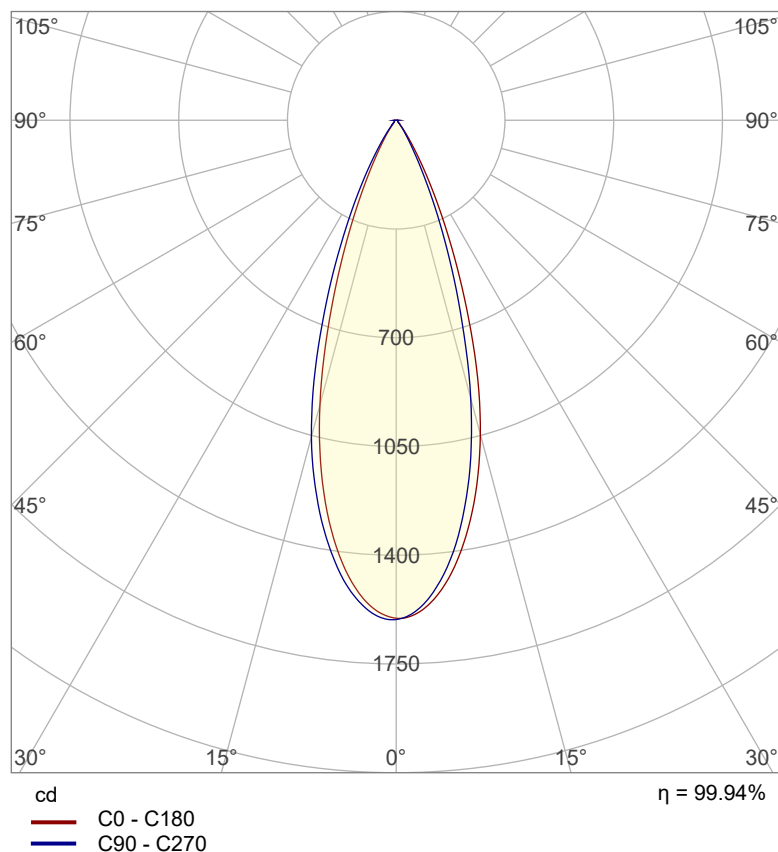
Tested Light Source

Luminaire	2023/4/25 10:33:01
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

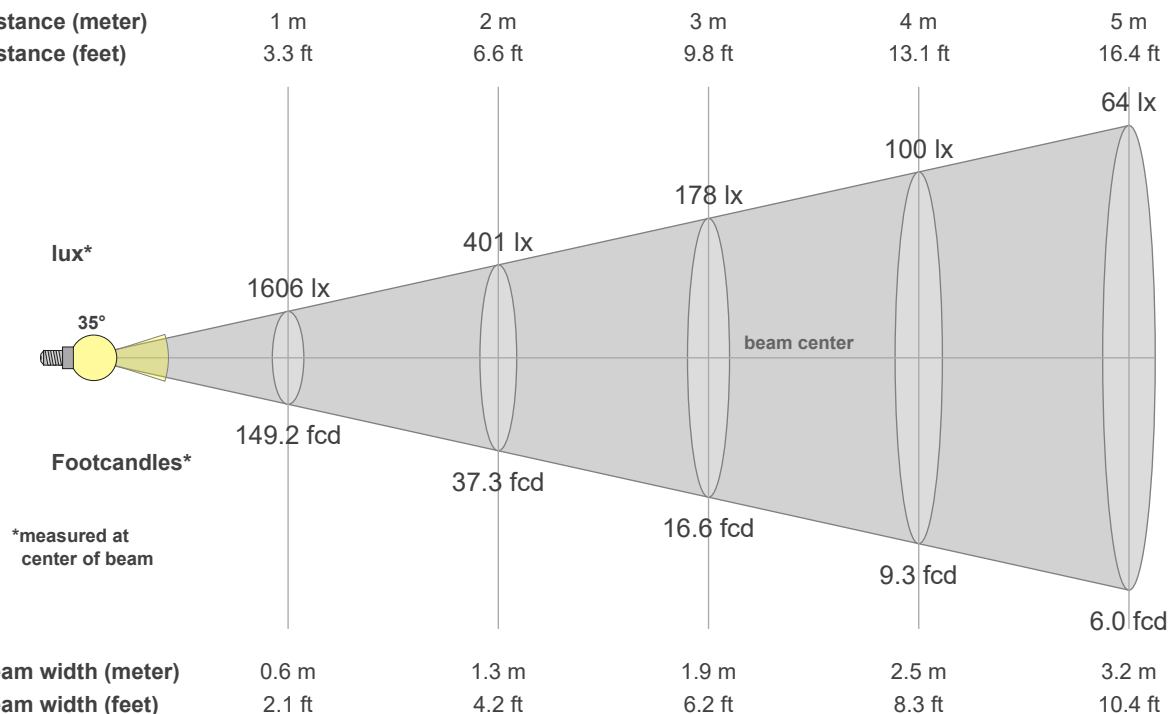
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	629.6 lm – 0.0025% / 100%
Efficiency	74.77 lm/W
Peak Intensity	1608 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

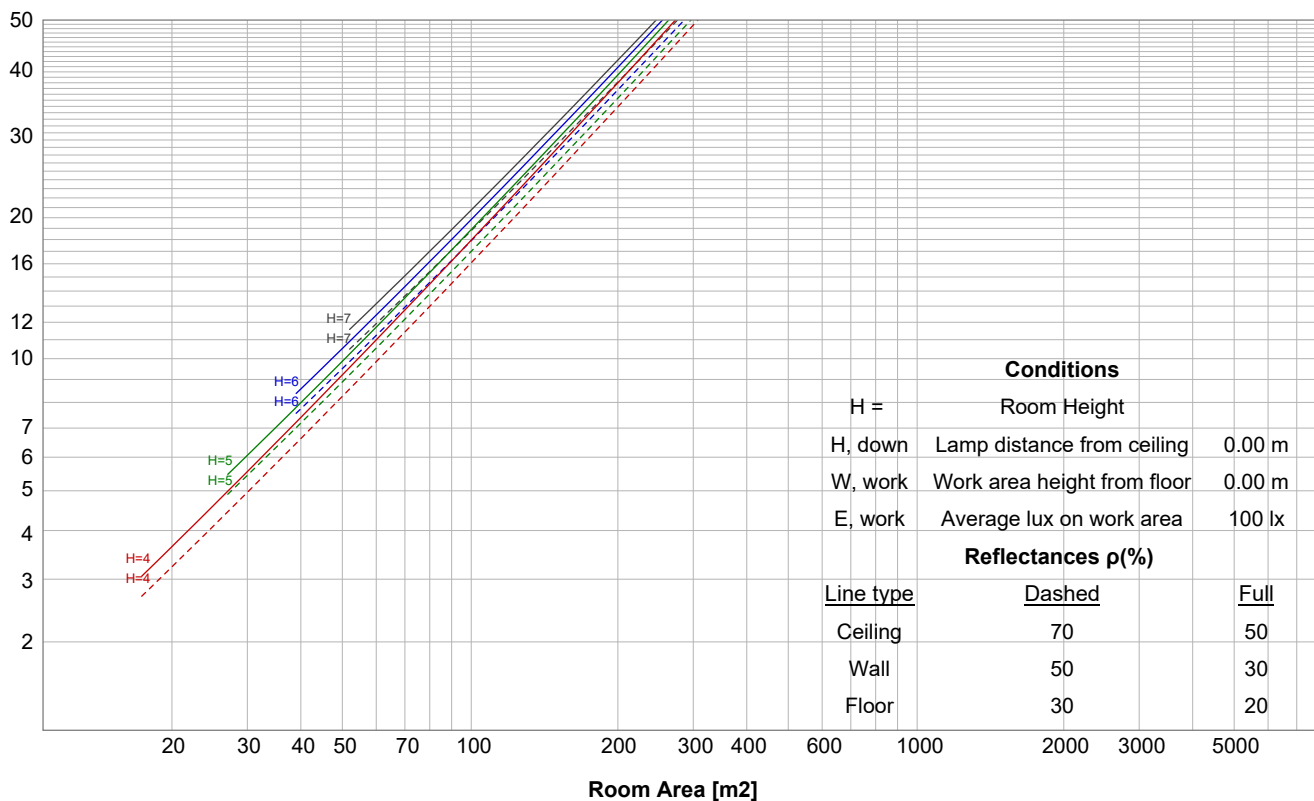


Beam details

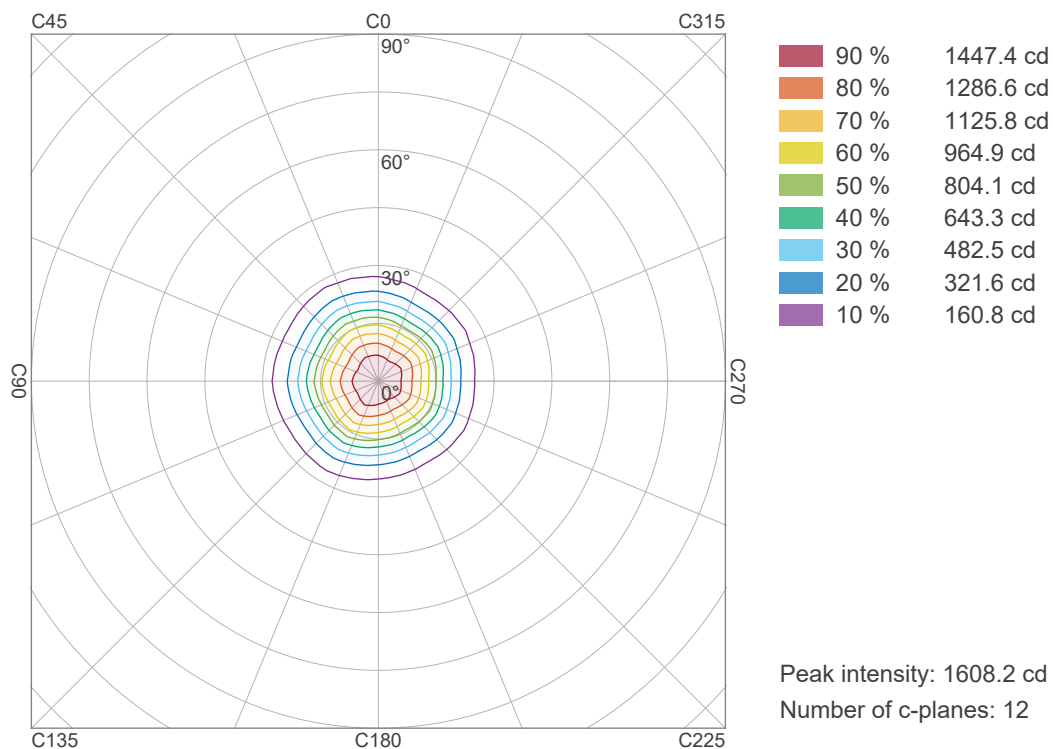


Luminaire budgetary diagram

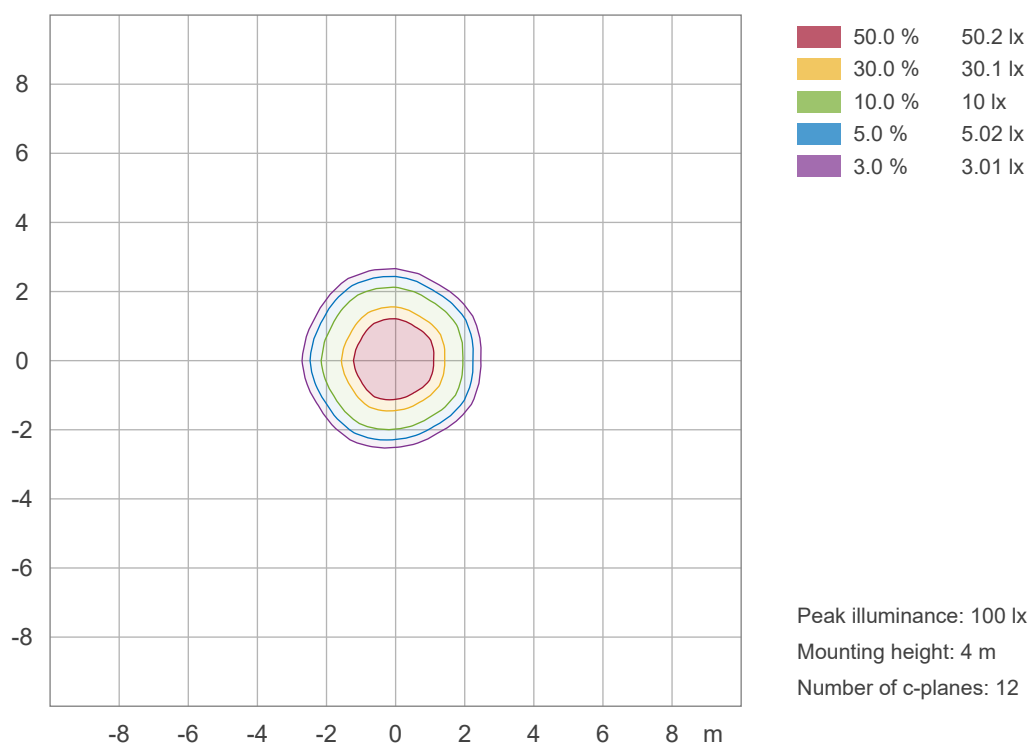
LAMPS (number of lamps)



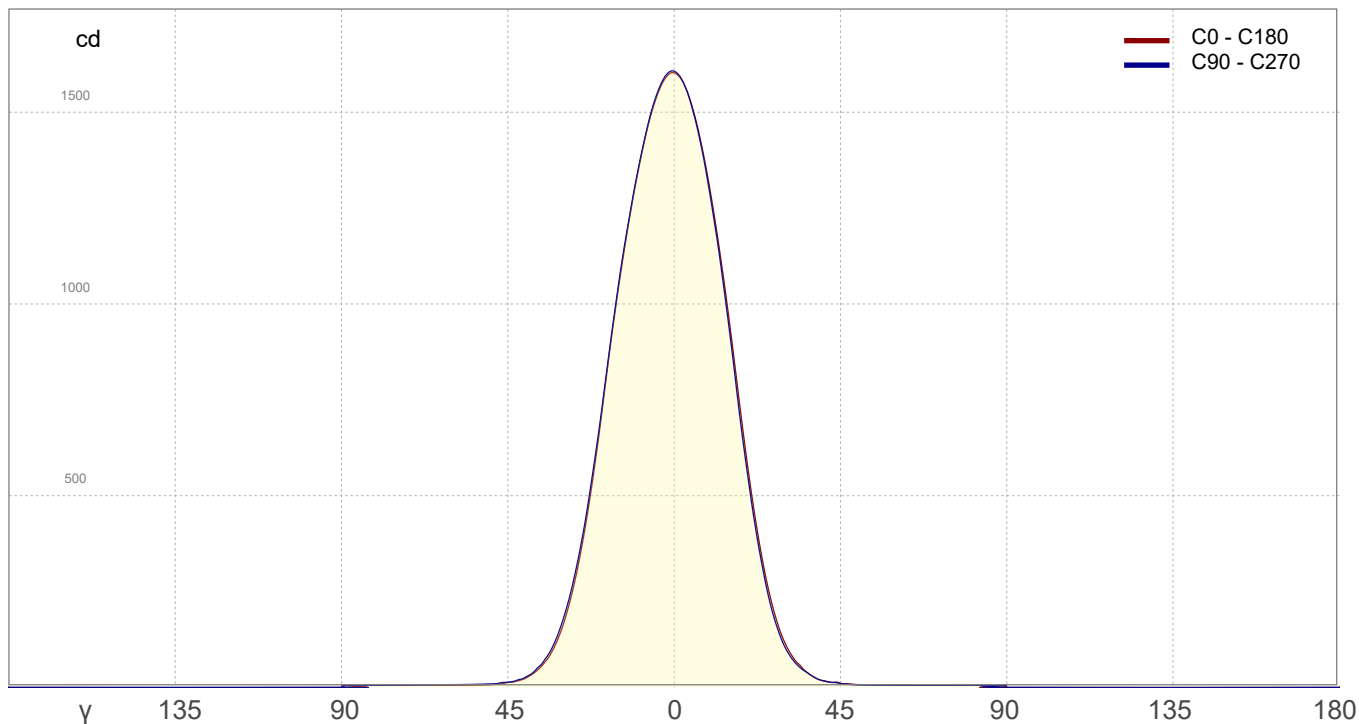
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

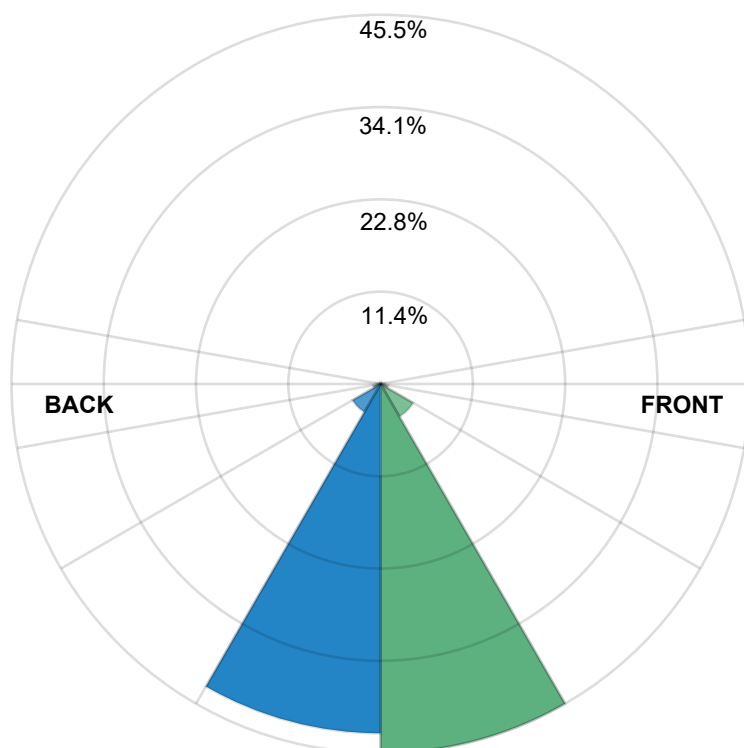


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	286.5 lm	45.5%
Medium (30-60°)	29.2 lm	4.6%
High (60-80°)	5.8 lm	0.9%
Very High (80-90°)	3.0 lm	0.5%

Back Light

Low (0-30°)	271.1 lm	43.1%
Medium (30-60°)	25.1 lm	4.0%
High (60-80°)	5.8 lm	0.9%
Very High (80-90°)	3.0 lm	0.5%

Uplight

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

Total

Sum	629.6 lm	100,0%
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