

Light measurement report



Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	7/6/2026

Measurement Conditions

Tested c-planes	8
Tested gamma angles	181 – 1.00°
Input Power	3.197 W

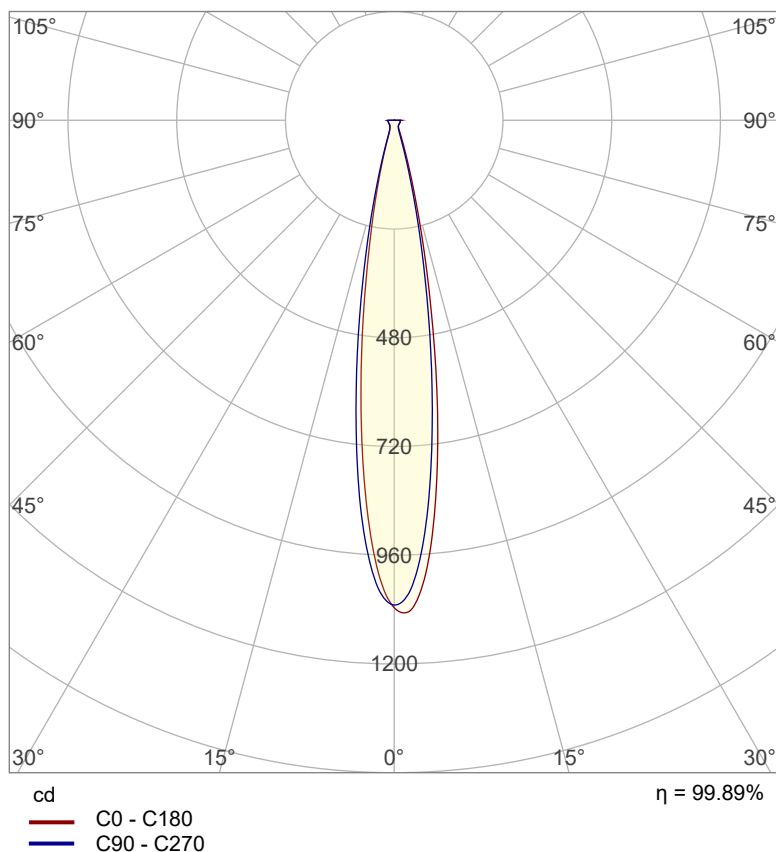
Tested Light Source

Luminaire	2021/4/5 17:02:37
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

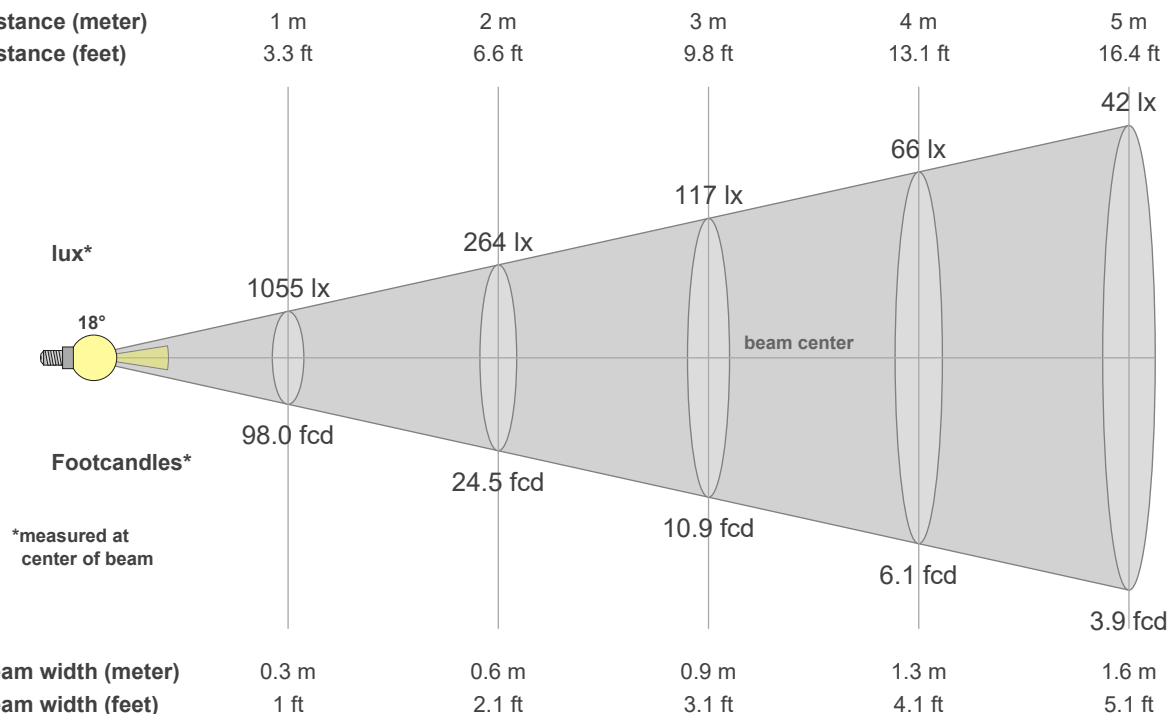
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	202.2 lm – 0.0294% / 99.97%
Efficiency	63.24 lm/W
Peak Intensity	1087 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

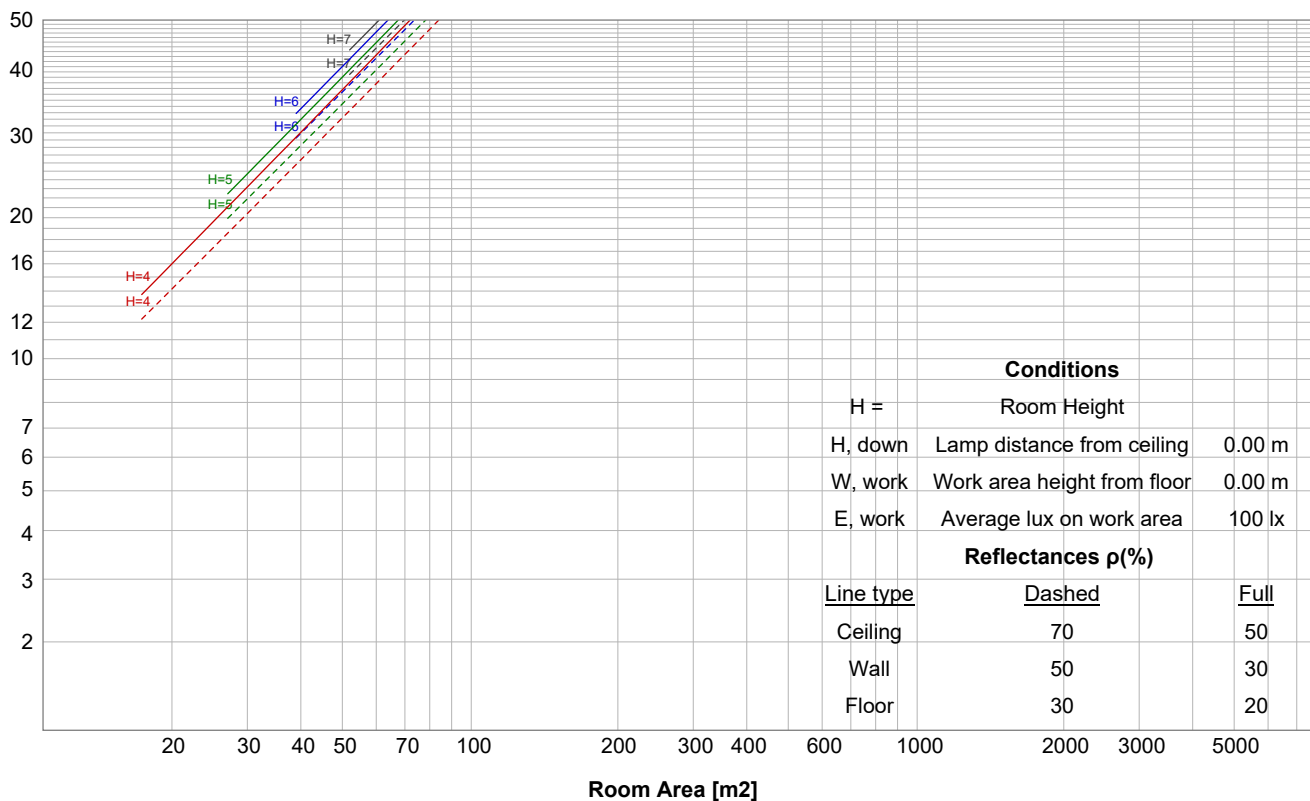


Beam details

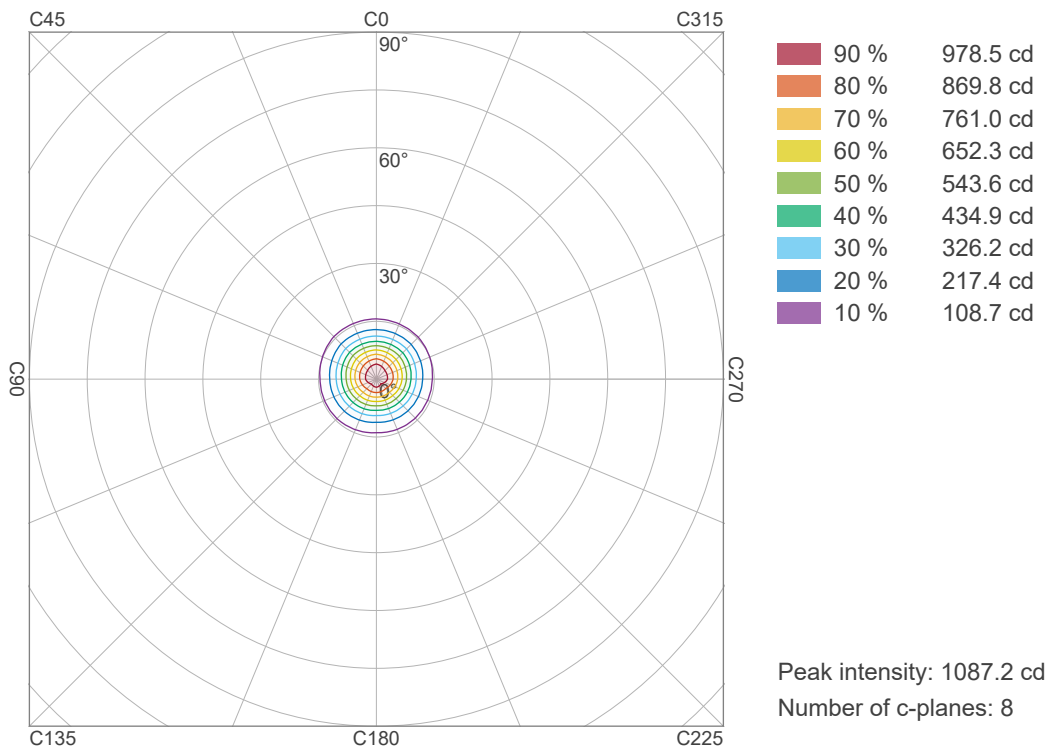


Luminaire budgetary diagram

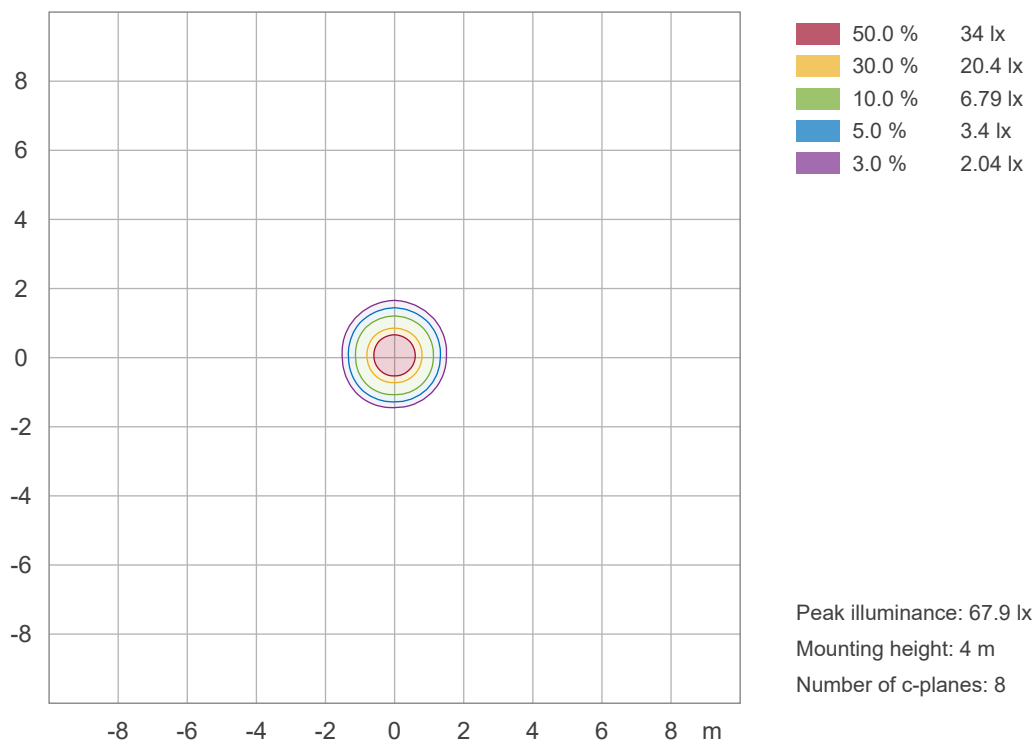
LAMPS (number of lamps)



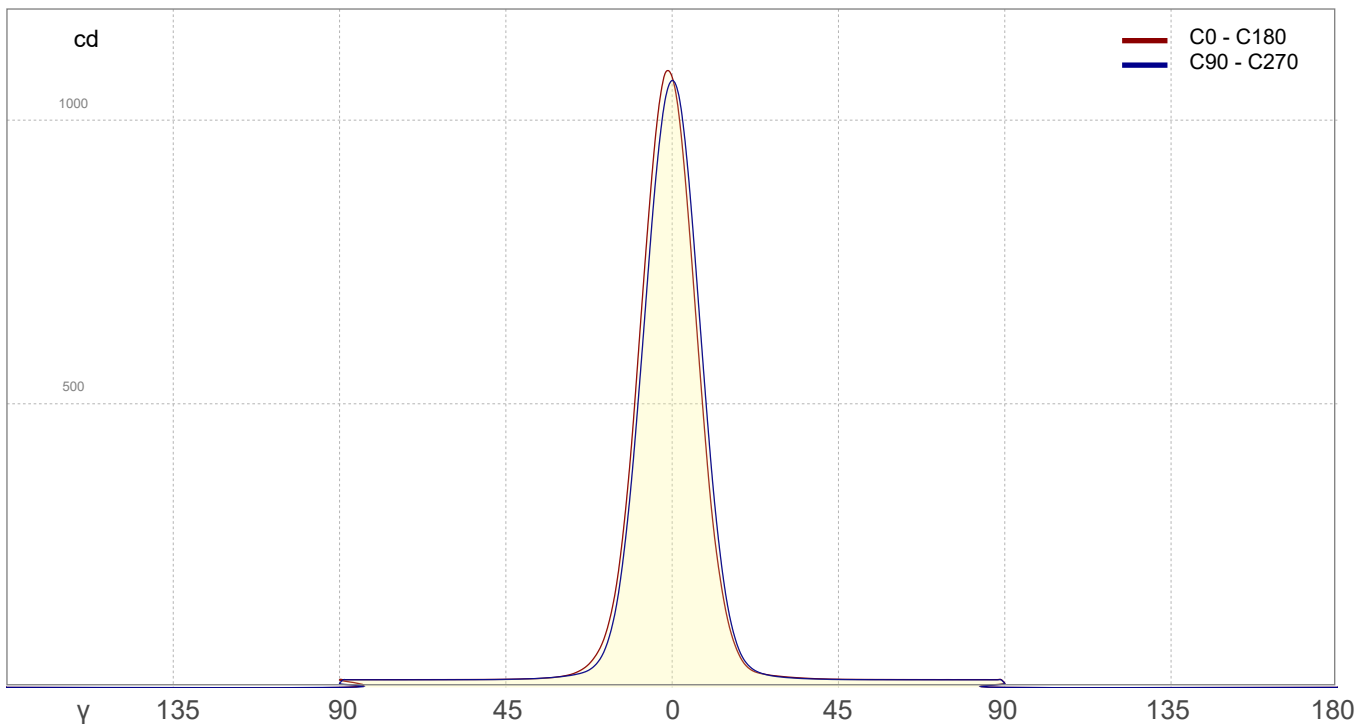
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

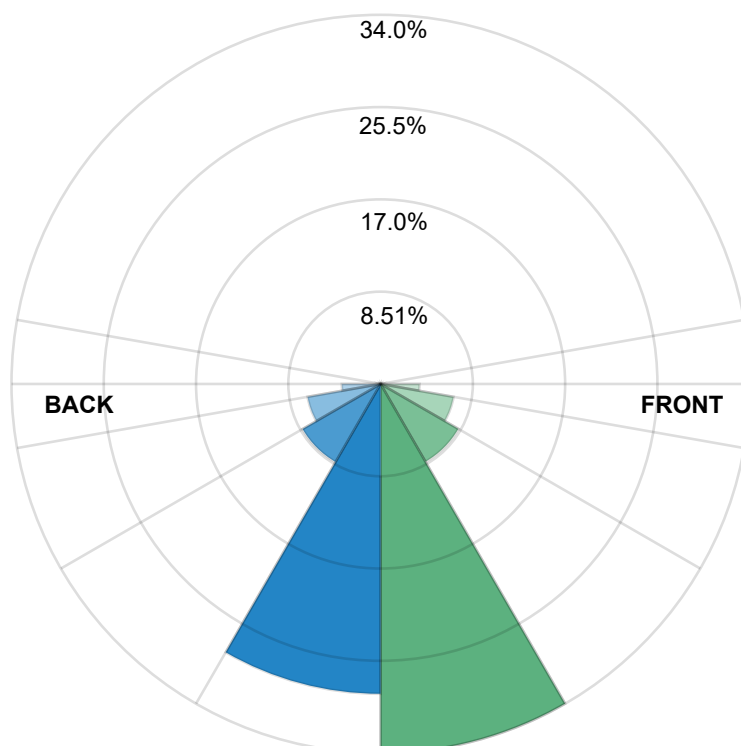


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	68.8 lm	34.0%
Medium (30-60°)	16.7 lm	8.3%
High (60-80°)	13.8 lm	6.8%
Very High (80-90°)	7.3 lm	3.6%

Back Light

Low (0-30°)	57.7 lm	28.6%
Medium (30-60°)	16.8 lm	8.3%
High (60-80°)	13.8 lm	6.8%
Very High (80-90°)	7.2 lm	3.6%

Uplight

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

Total

Sum	202.2 lm	100,0%
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