

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	8
Tested gamma angles	181 – 1.00°
Input Power	10.44 W

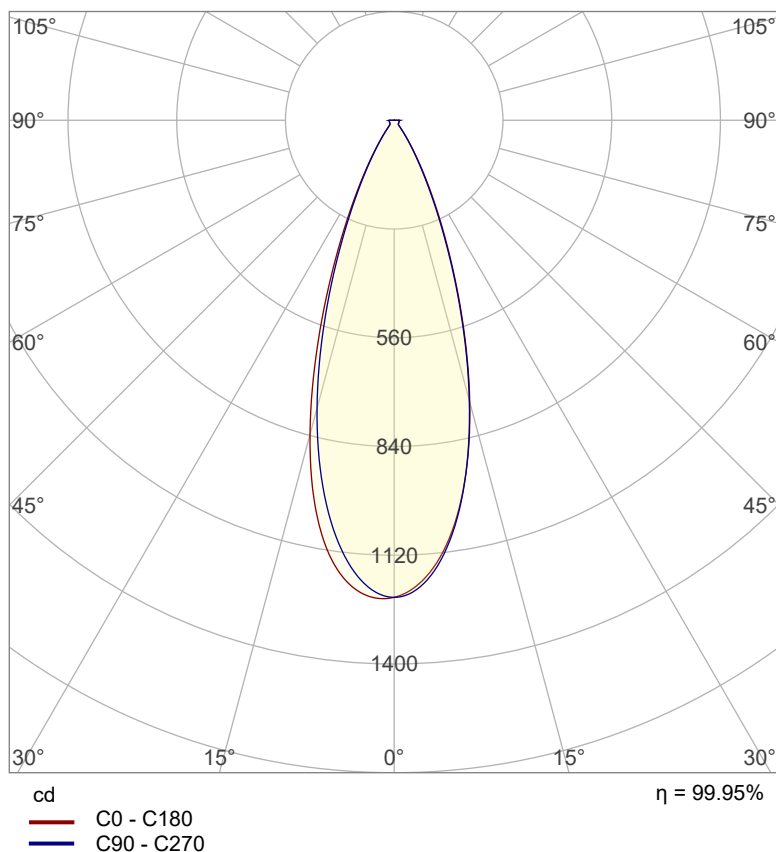
Tested Light Source

Luminaire	2023/5/22 16:02:33
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

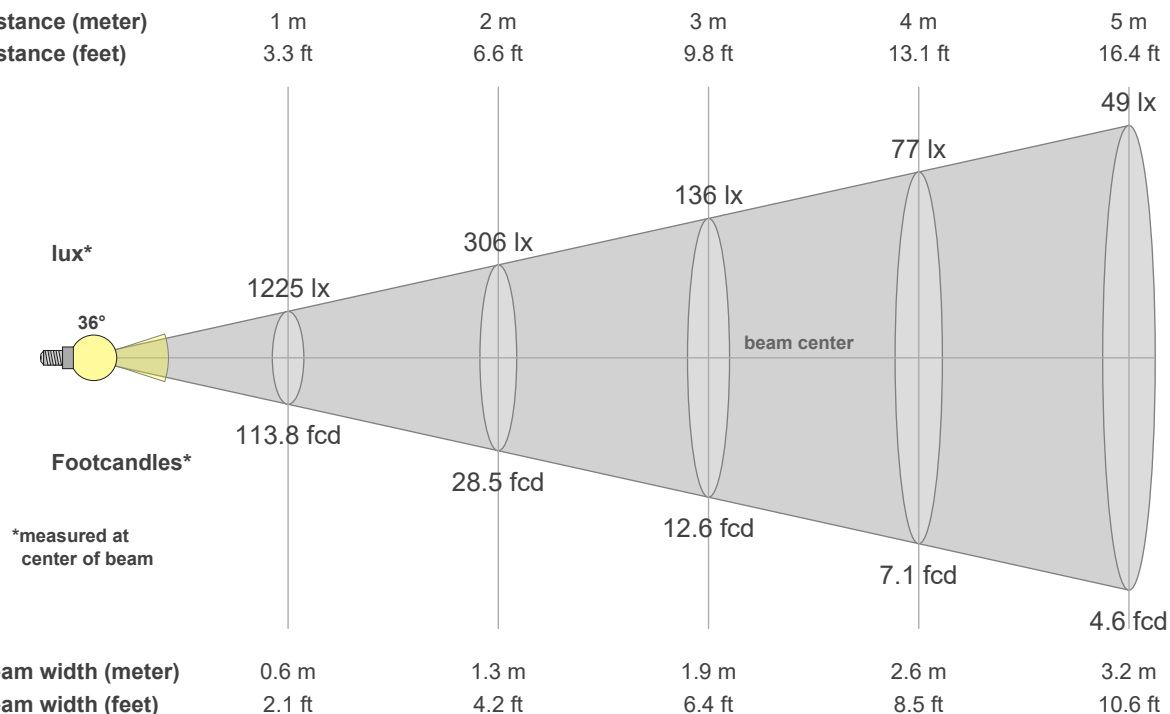
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	553.1 lm – 0.0102% / 99.99%
Efficiency	52.98 lm/W
Peak Intensity	1232 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

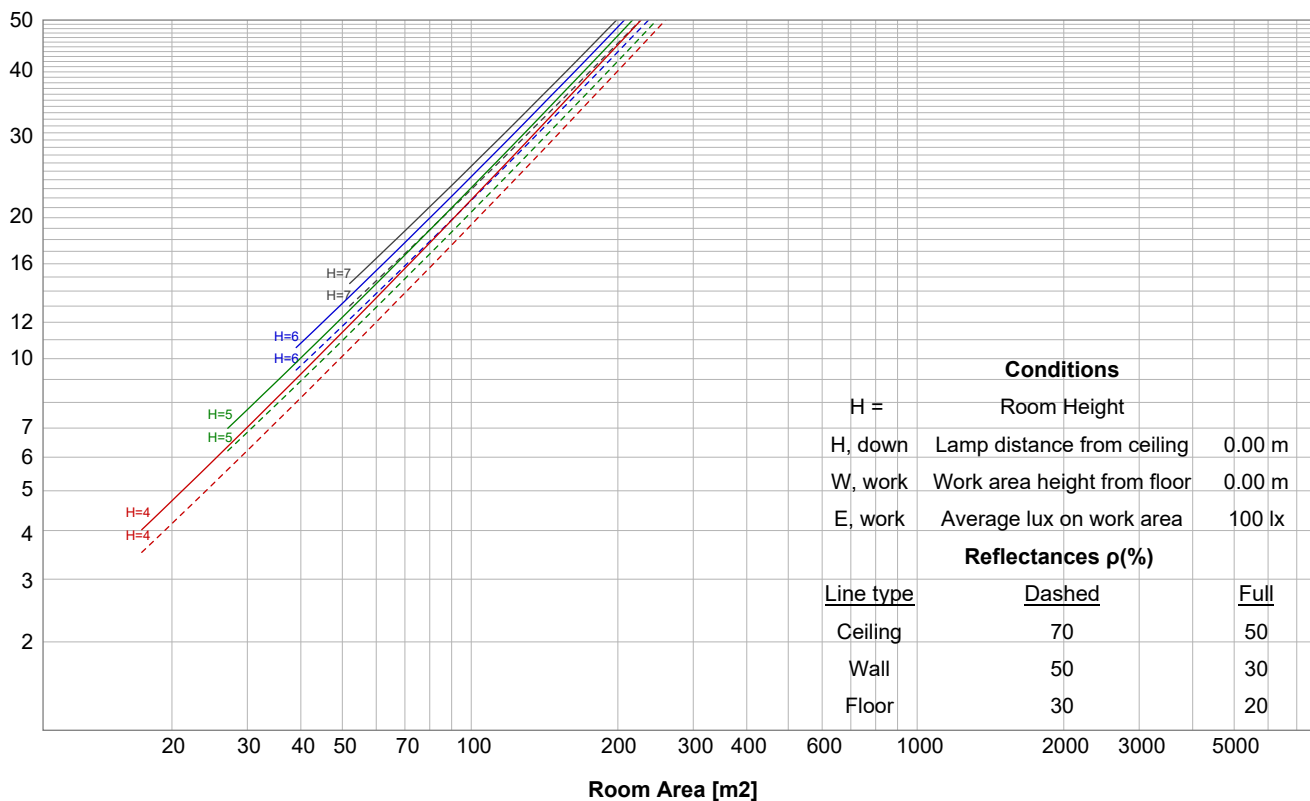


Beam details

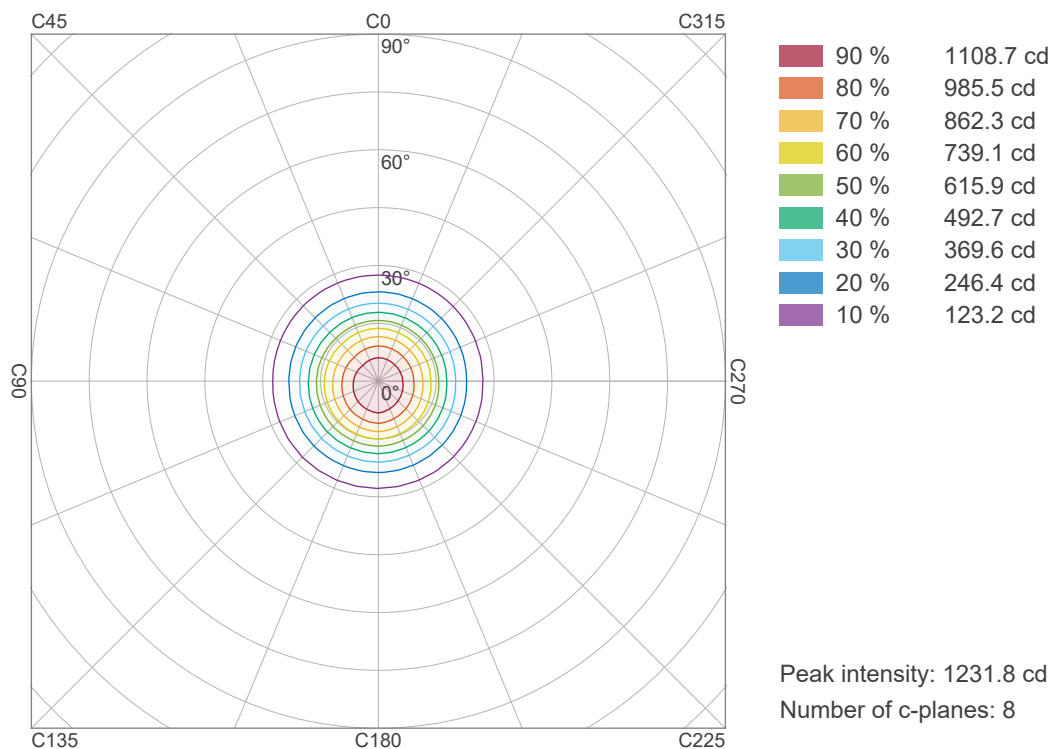


Luminaire budgetary diagram

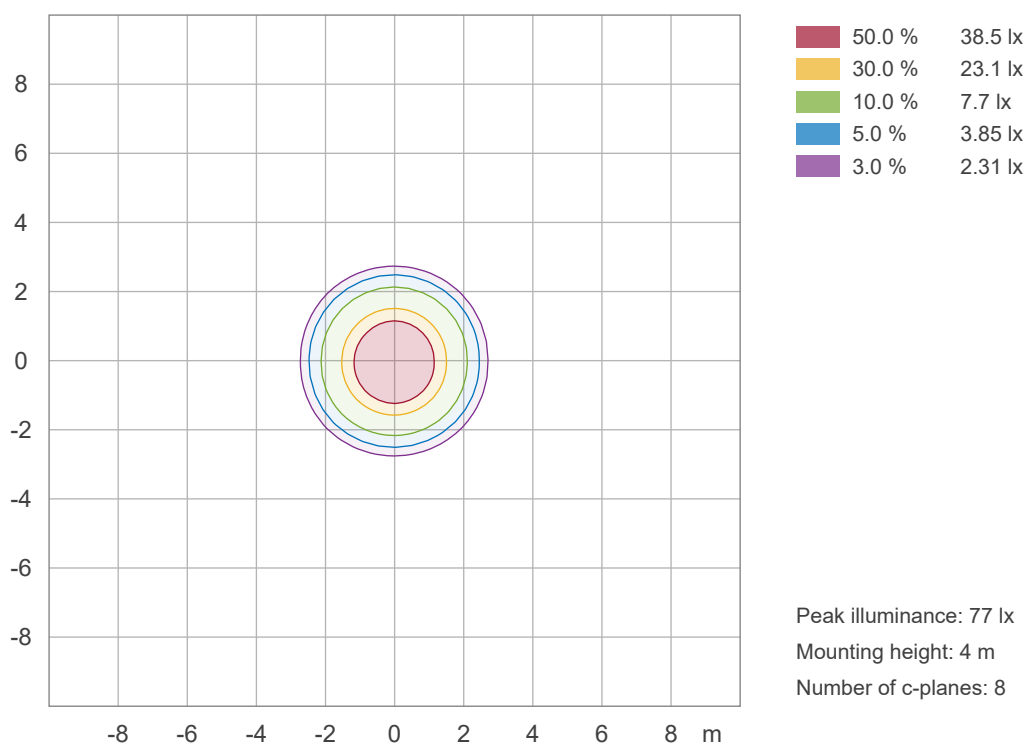
LAMPS (number of lamps)



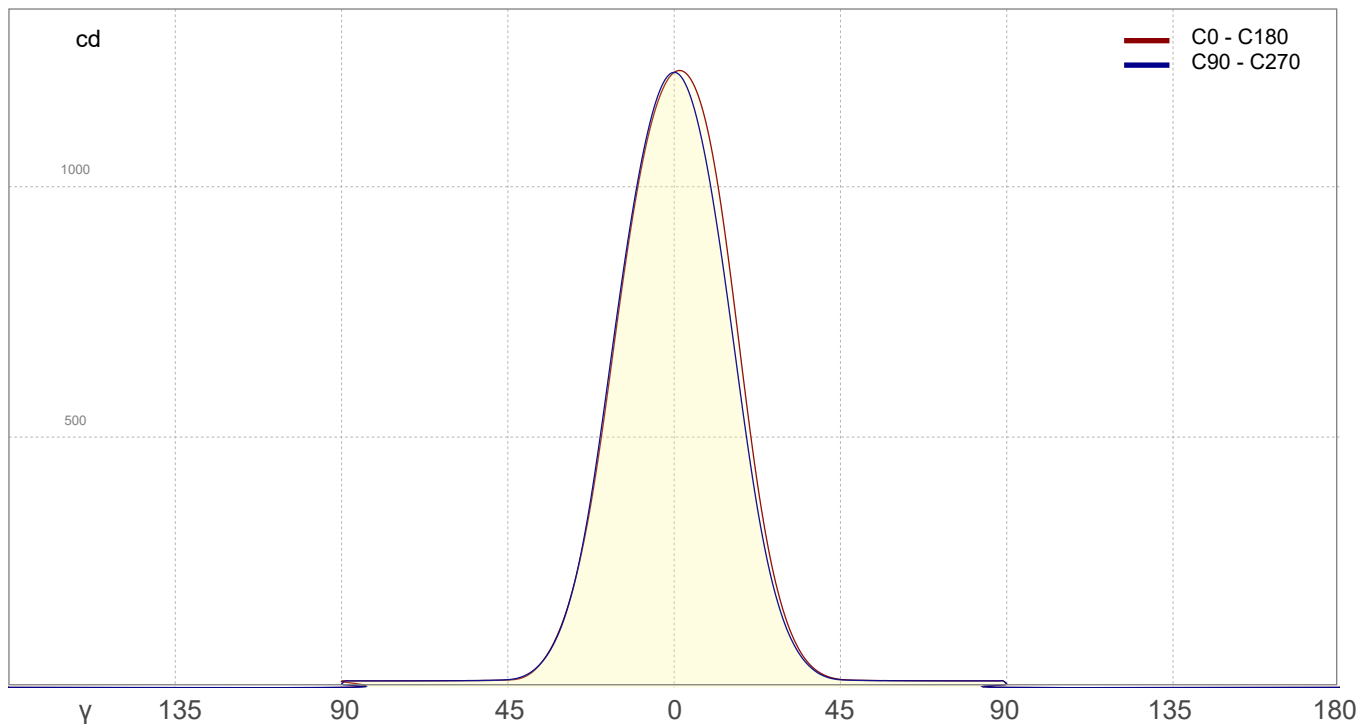
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

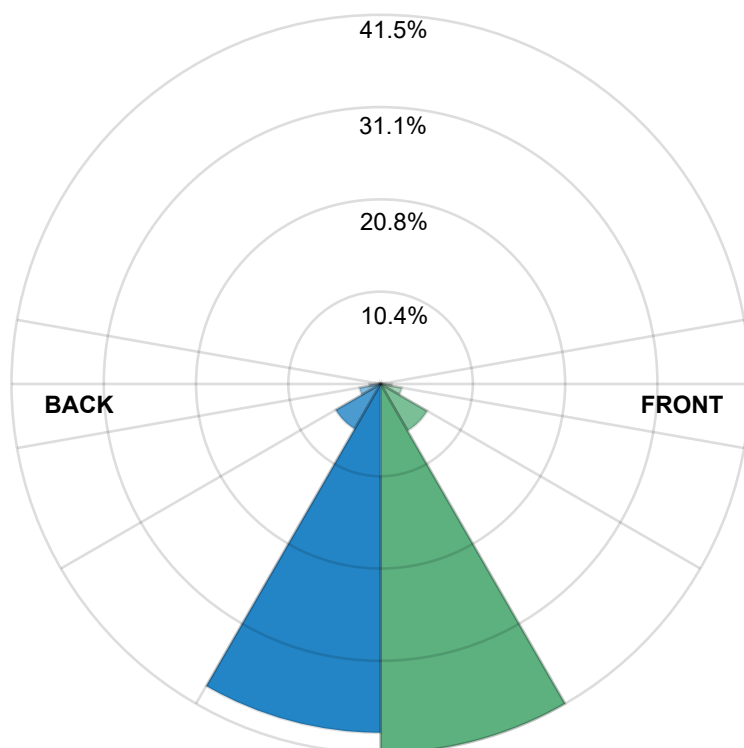


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	229.6 lm	41.5%
Medium (30-60°)	33.5 lm	6.1%
High (60-80°)	13.4 lm	2.4%
Very High (80-90°)	6.9 lm	1.3%

Back Light

Low (0-30°)	217.0 lm	39.2%
Medium (30-60°)	32.3 lm	5.8%
High (60-80°)	13.4 lm	2.4%
Very High (80-90°)	7.0 lm	1.3%

Uplight

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

Total

Sum	553.1 lm	100,0%
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