

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	7.97 W

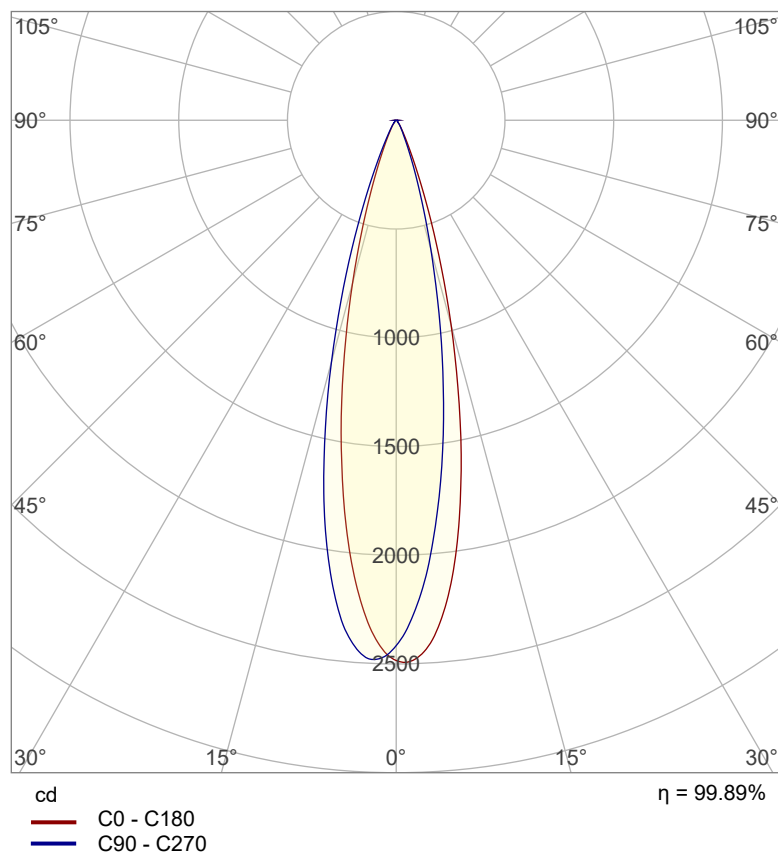
Tested Light Source

Luminaire	2023/5/8 15:46:47
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

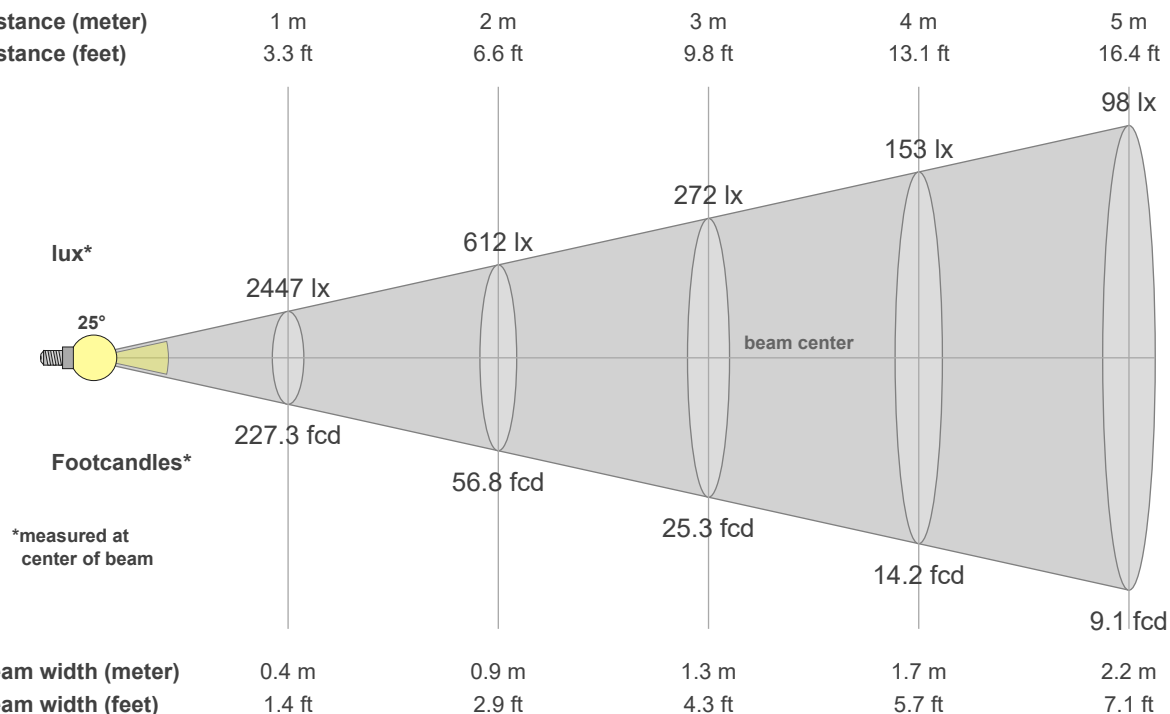
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	551.4 lm – 0.0034% / 100%
Efficiency	69.18 lm/W
Peak Intensity	2493 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

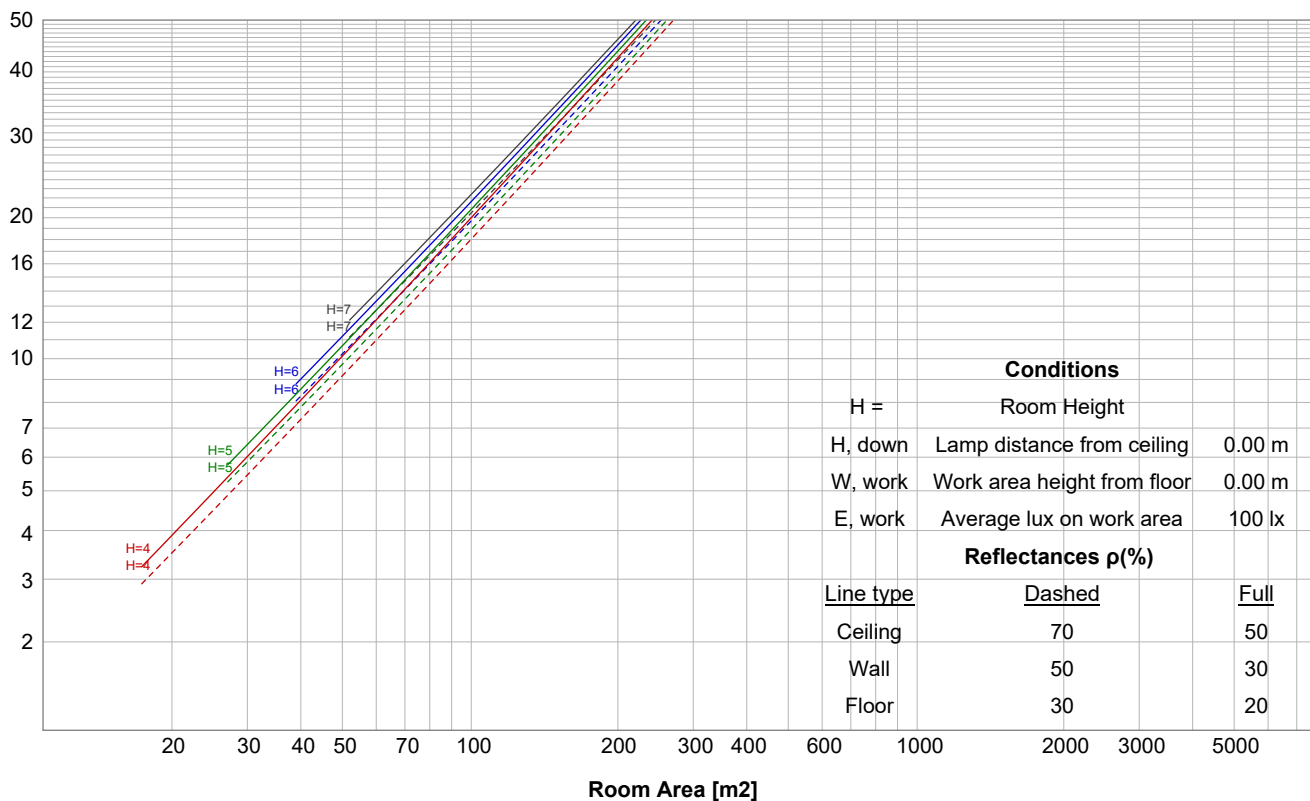


Beam details

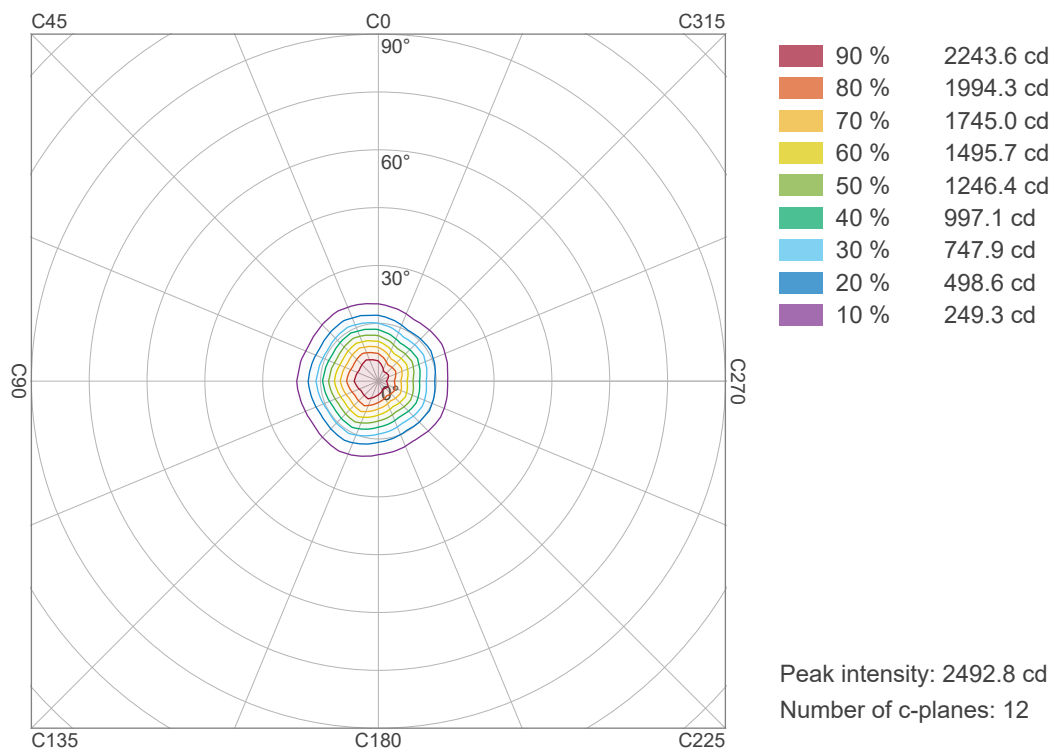


Luminaire budgetary diagram

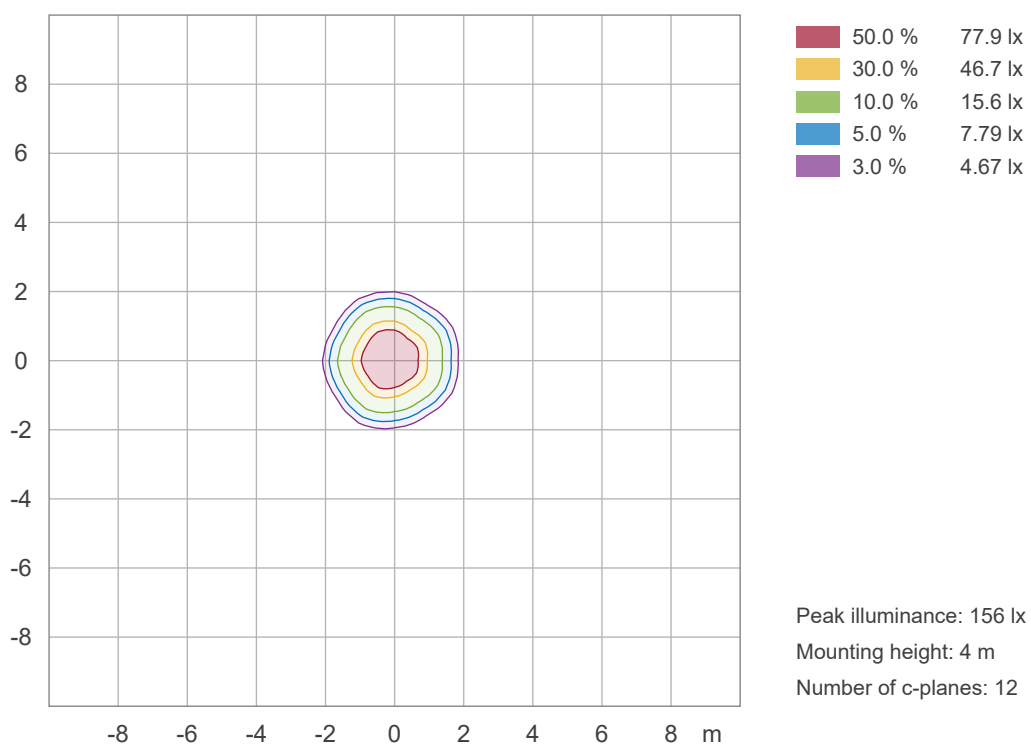
LAMPS (number of lamps)



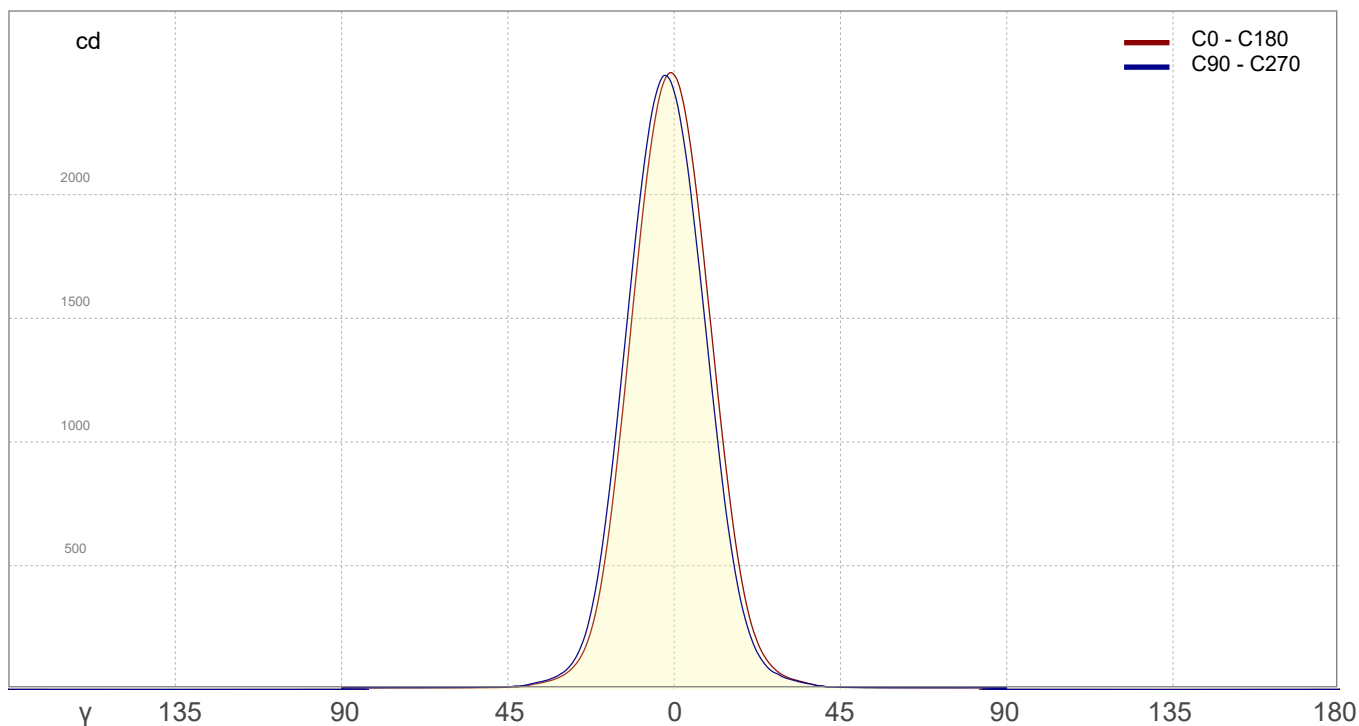
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

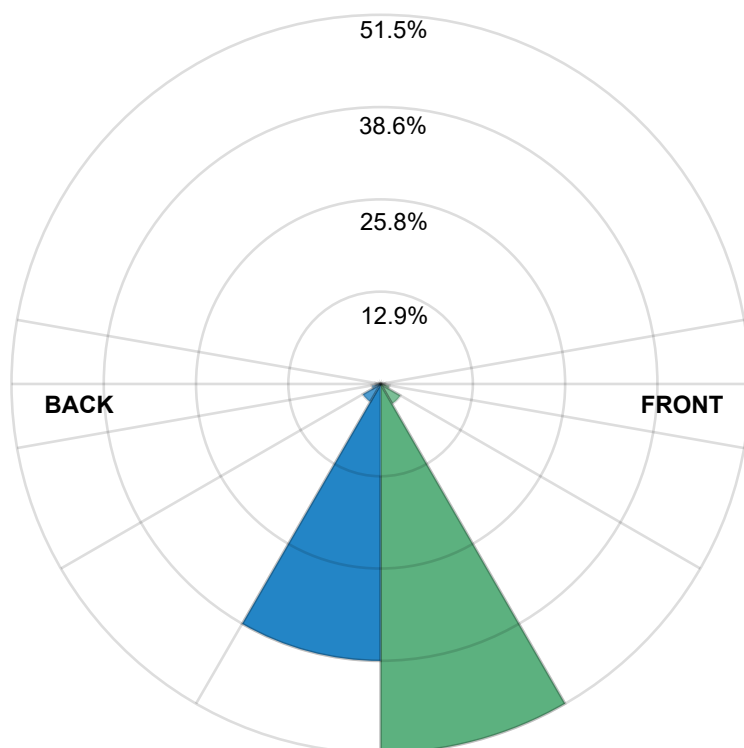


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	284.1 lm	51.5%
Medium (30-60°)	17.6 lm	3.2%
High (60-80°)	6.9 lm	1.2%
Very High (80-90°)	3.4 lm	0.6%

Back Light

Low (0-30°)	213.1 lm	38.7%
Medium (30-60°)	15.8 lm	2.9%
High (60-80°)	6.8 lm	1.2%
Very High (80-90°)	3.6 lm	0.7%

Uplight

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

Total

Sum	551.4 lm	100,0%
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