

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	26.31 W

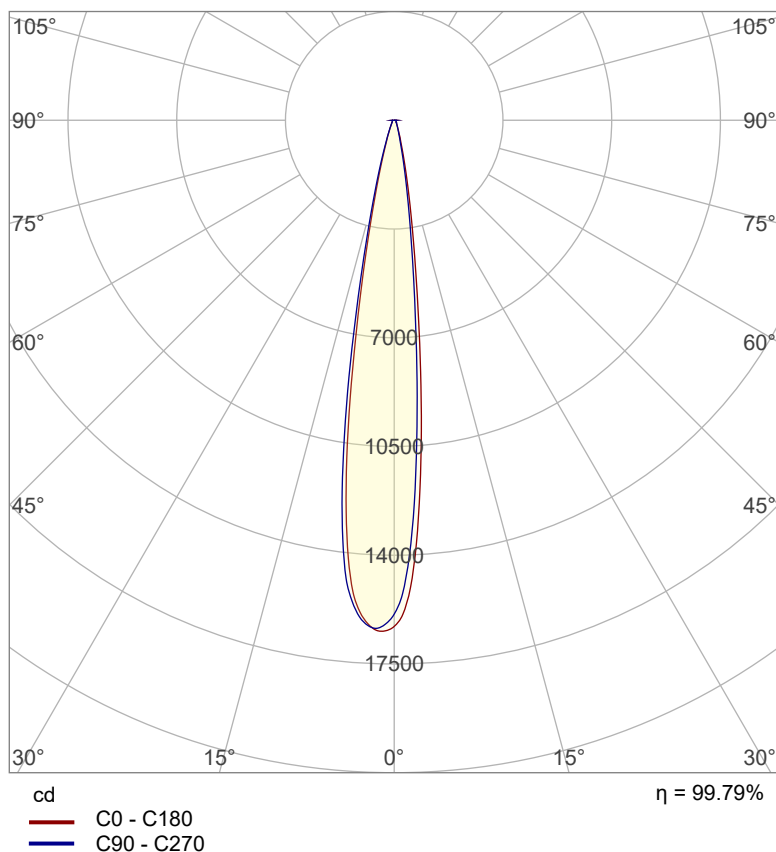
Tested Light Source

Luminaire	2023/4/19 14:27:39
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

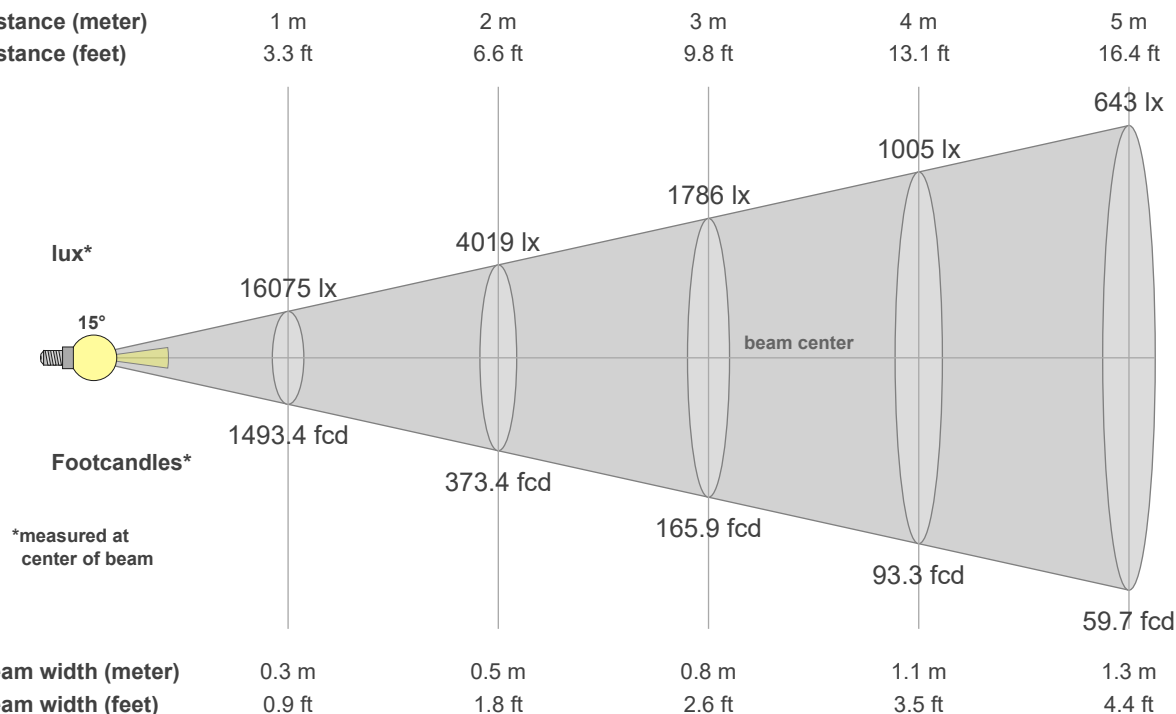
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2030 lm – 0.0091% / 99.99%
Efficiency	77.15 lm/W
Peak Intensity	16.44 kcd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

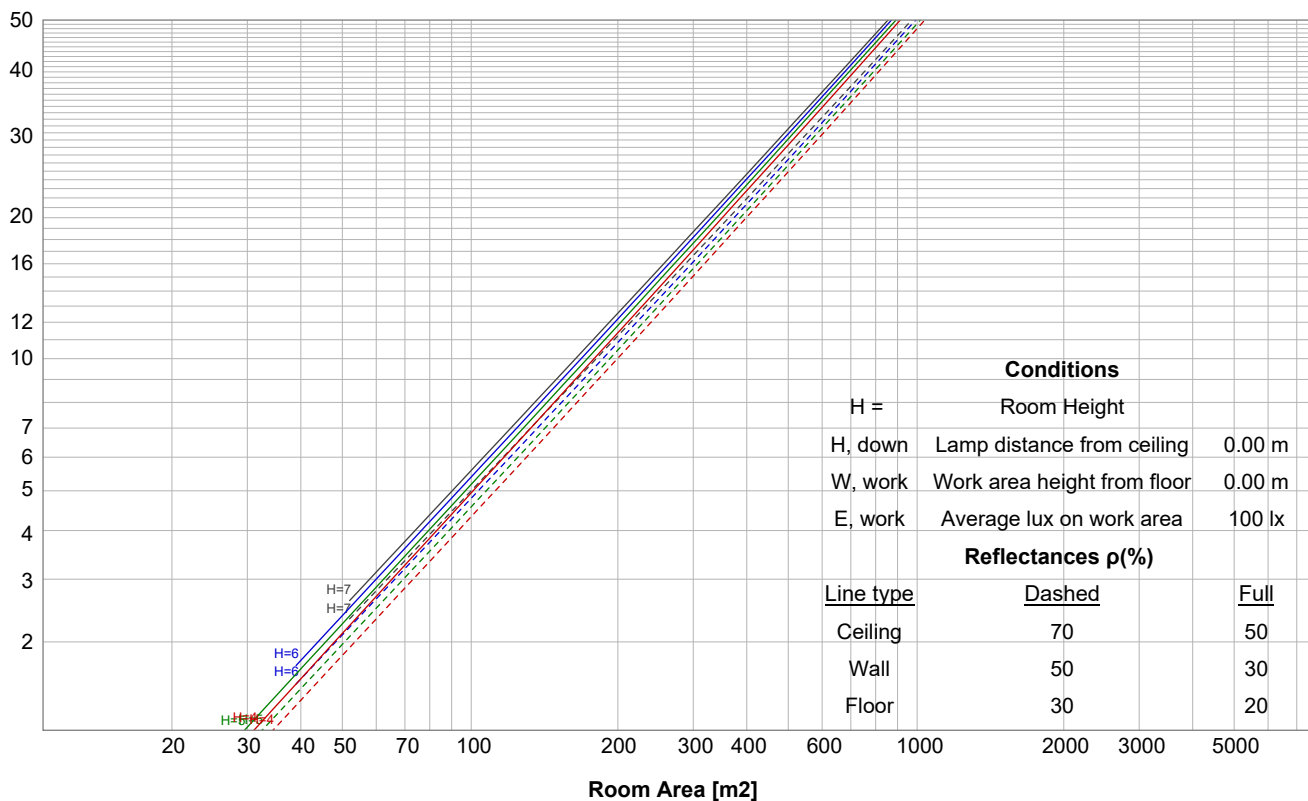


Beam details

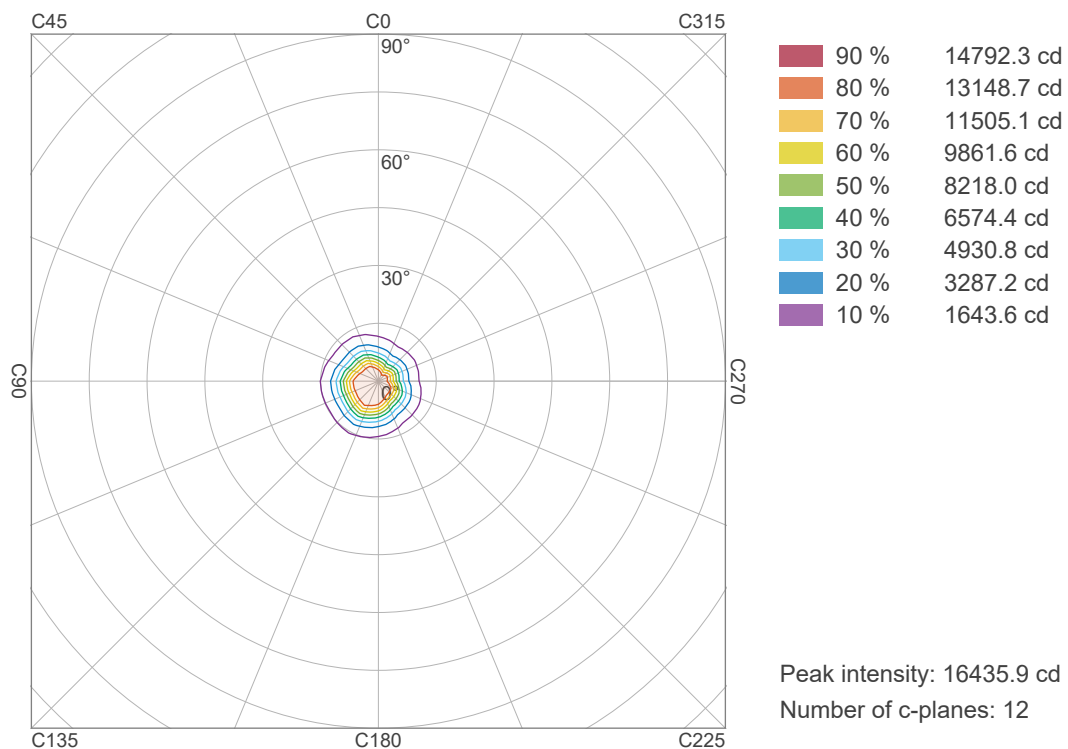


Luminaire budgetary diagram

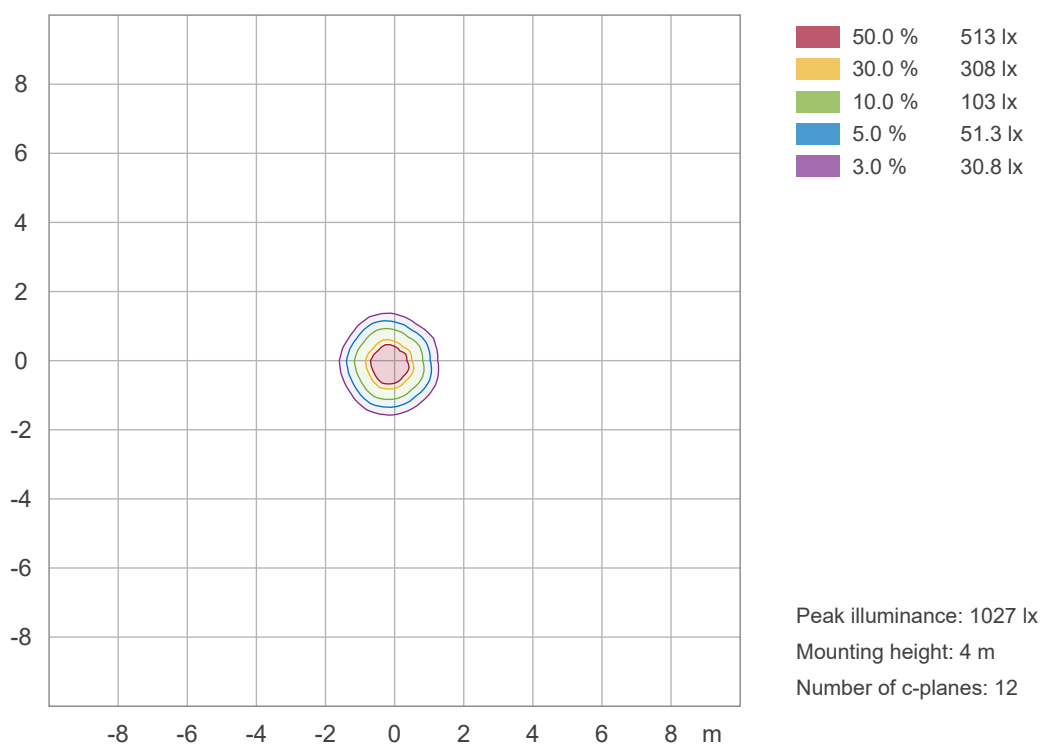
LAMPS (number of lamps)



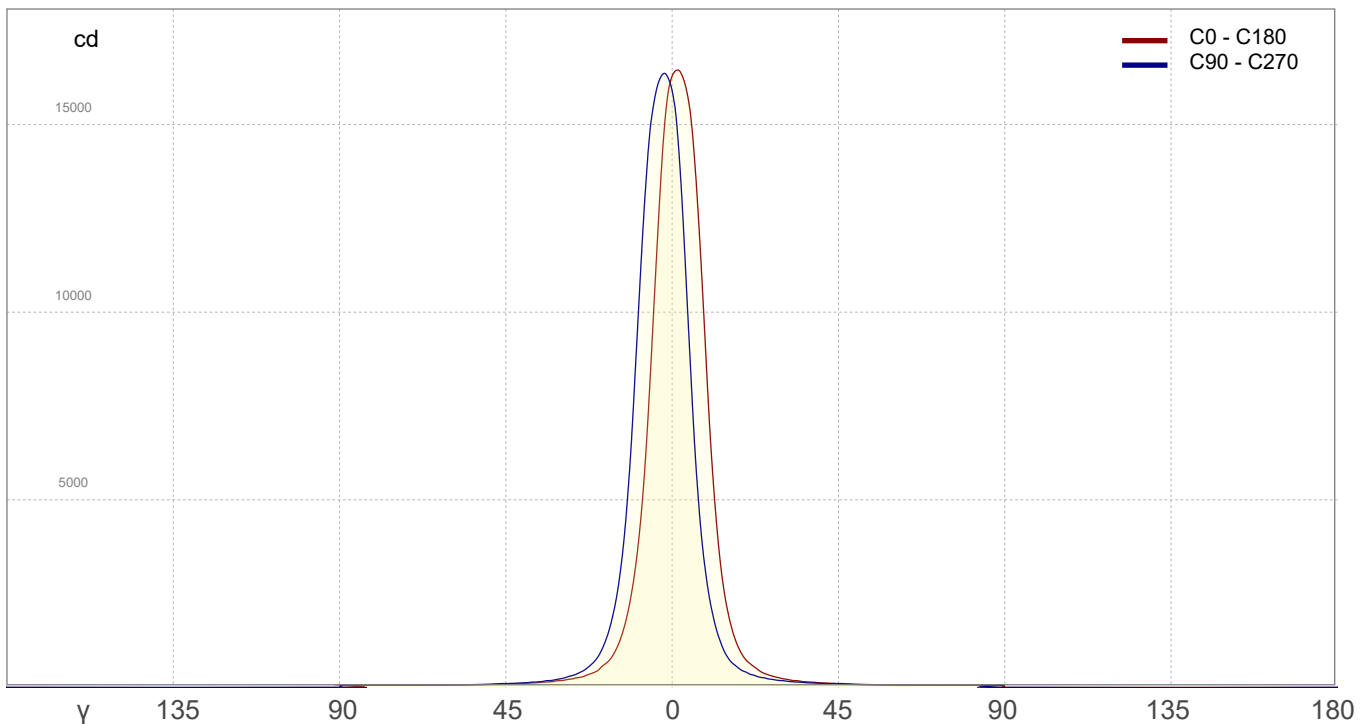
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

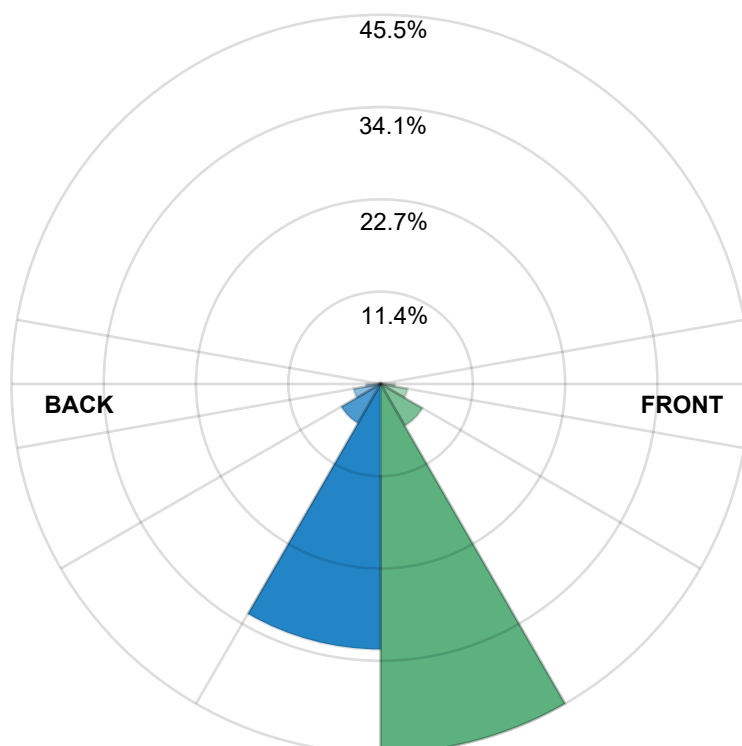


Linear intensity distribution diagram



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

BUG rating B2 U0 G1



Forward Light

Low (0-30°)	923.2 lm	45.5%
Medium (30-60°)	121.0 lm	6.0%
High (60-80°)	68.6 lm	3.4%
Very High (80-90°)	35.4 lm	1.7%

Back Light

Low (0-30°)	663.9 lm	32.7%
Medium (30-60°)	113.6 lm	5.6%
High (60-80°)	68.5 lm	3.4%
Very High (80-90°)	35.7 lm	1.8%

Uplight

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

Total

Sum	2029.8 lm	100,0%
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