

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	32.1 W

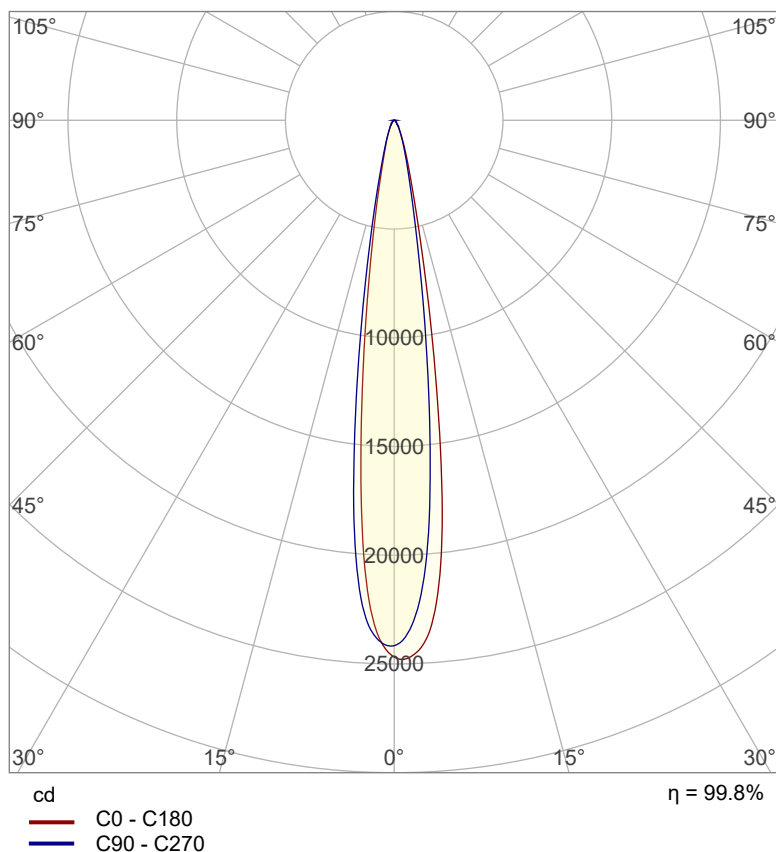
Tested Light Source

Luminaire	2023/4/3 8:12:36
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

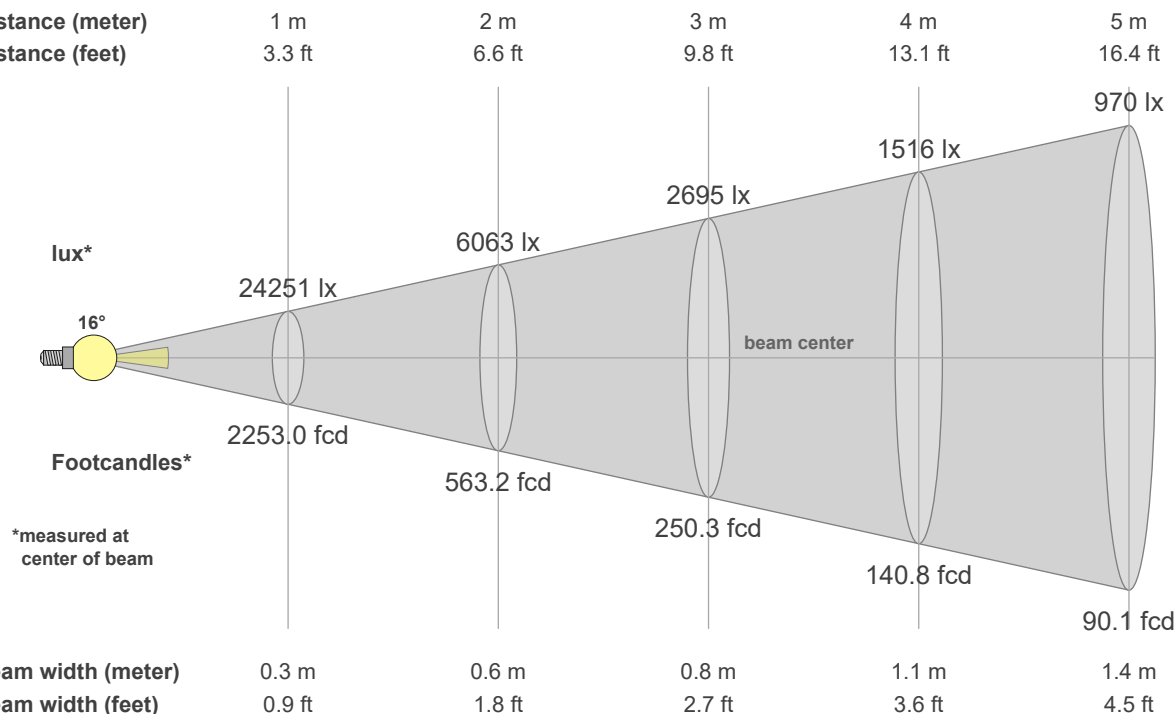
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2975 lm – 0.0028% / 100%
Efficiency	92.69 lm/W
Peak Intensity	24.79 kcd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

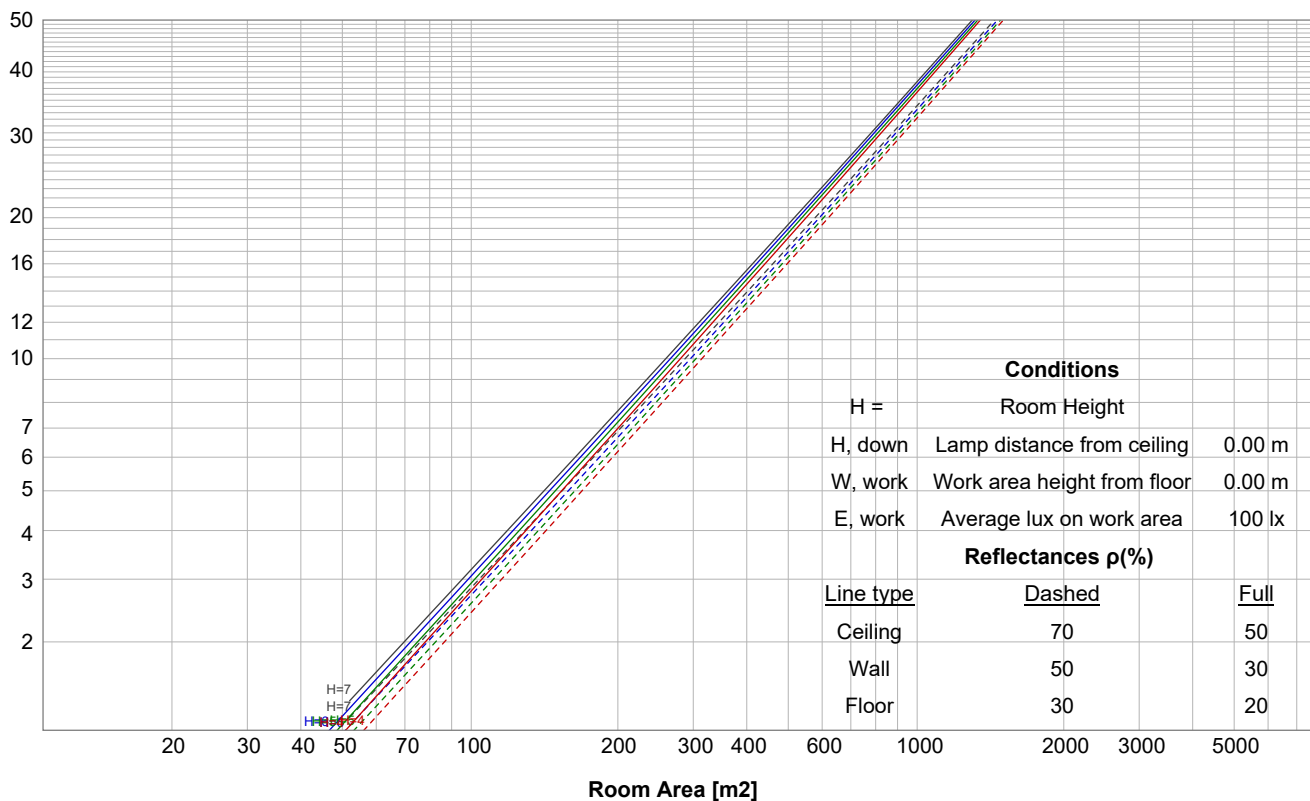


Beam details

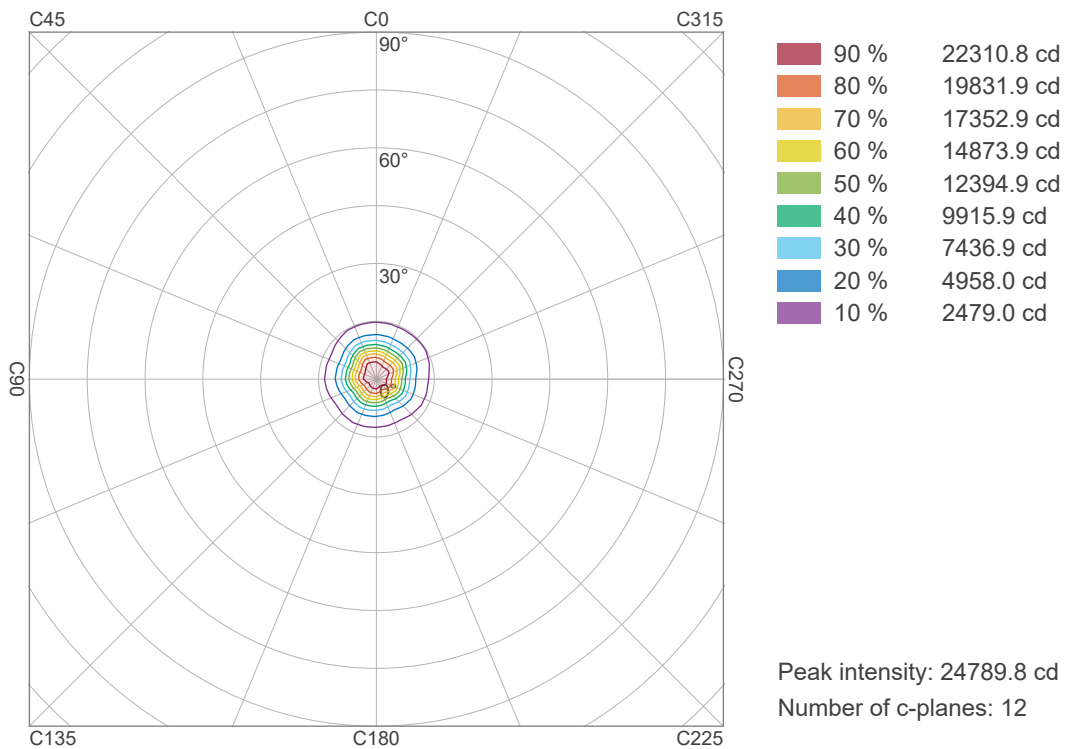


Luminaire budgetary diagram

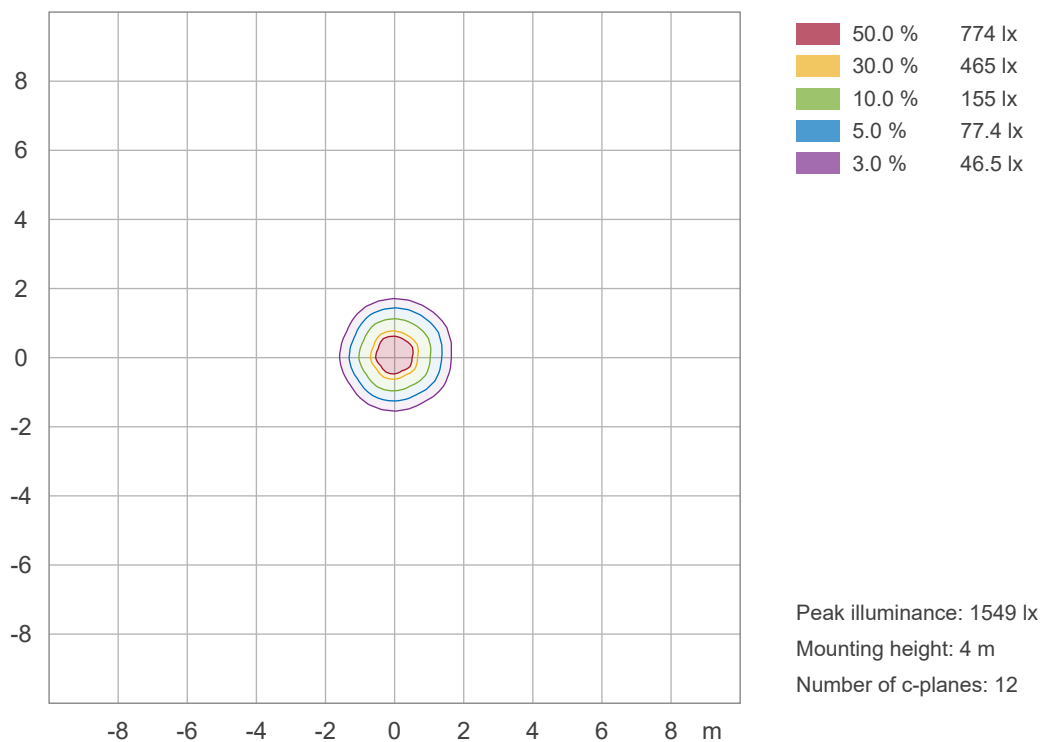
LAMPS (number of lamps)



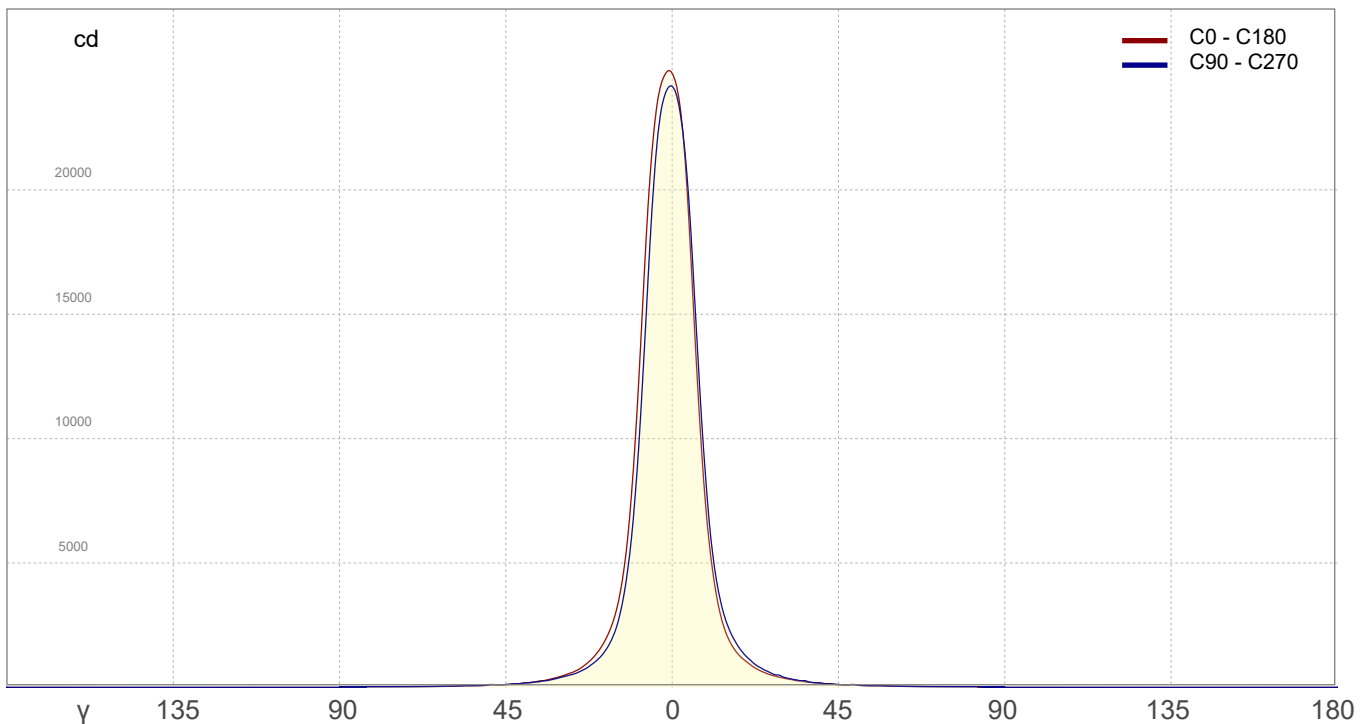
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

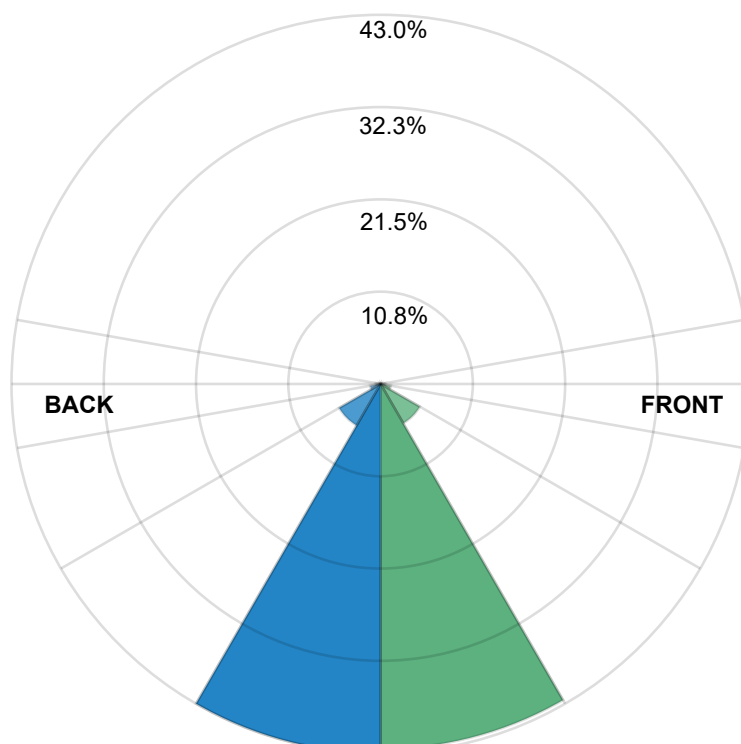


Linear intensity distribution diagram



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

BUG rating B3 U0 G1



Forward Light

Low (0-30°)	1266.4 lm	42.6%
Medium (30-60°)	157.4 lm	5.3%
High (60-80°)	35.8 lm	1.2%
Very High (80-90°)	15.8 lm	0.5%

Back Light

Low (0-30°)	1280.8 lm	43.0%
Medium (30-60°)	166.1 lm	5.6%
High (60-80°)	36.7 lm	1.2%
Very High (80-90°)	16.3 lm	0.5%

Uplight

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

Total

Sum	2975.3 lm	100,0%
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