

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	33.39 W

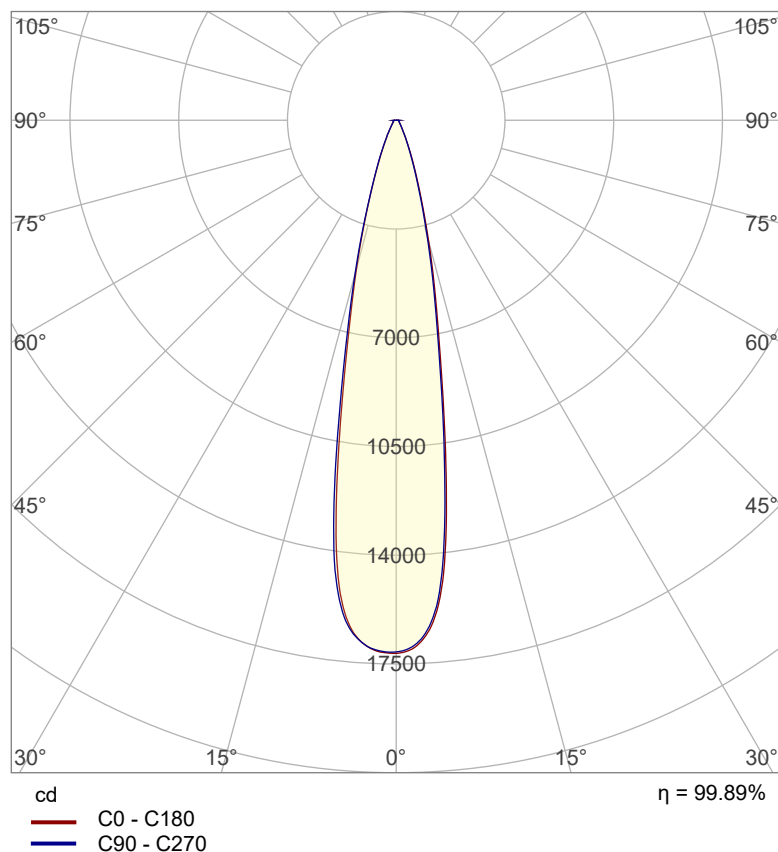
Tested Light Source

Luminaire	2023/4/19 18:53:45
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

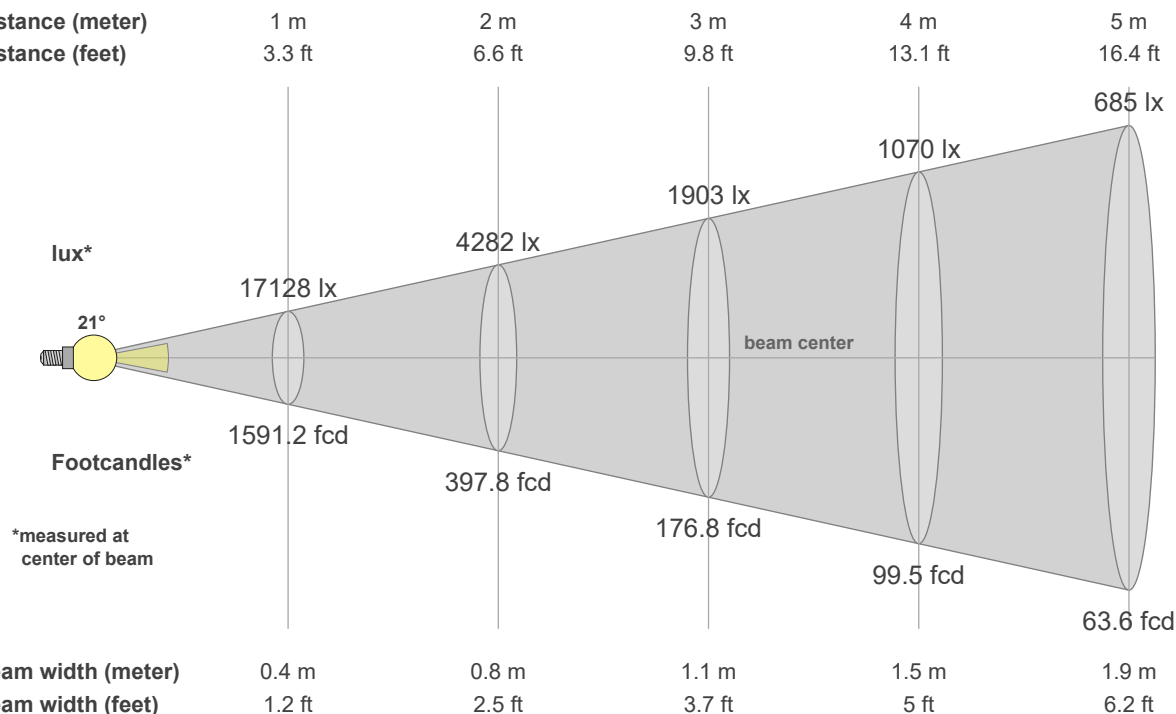
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	3822 lm – 0.005% / 100%
Efficiency	114.5 lm/W
Peak Intensity	17.16 kcd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

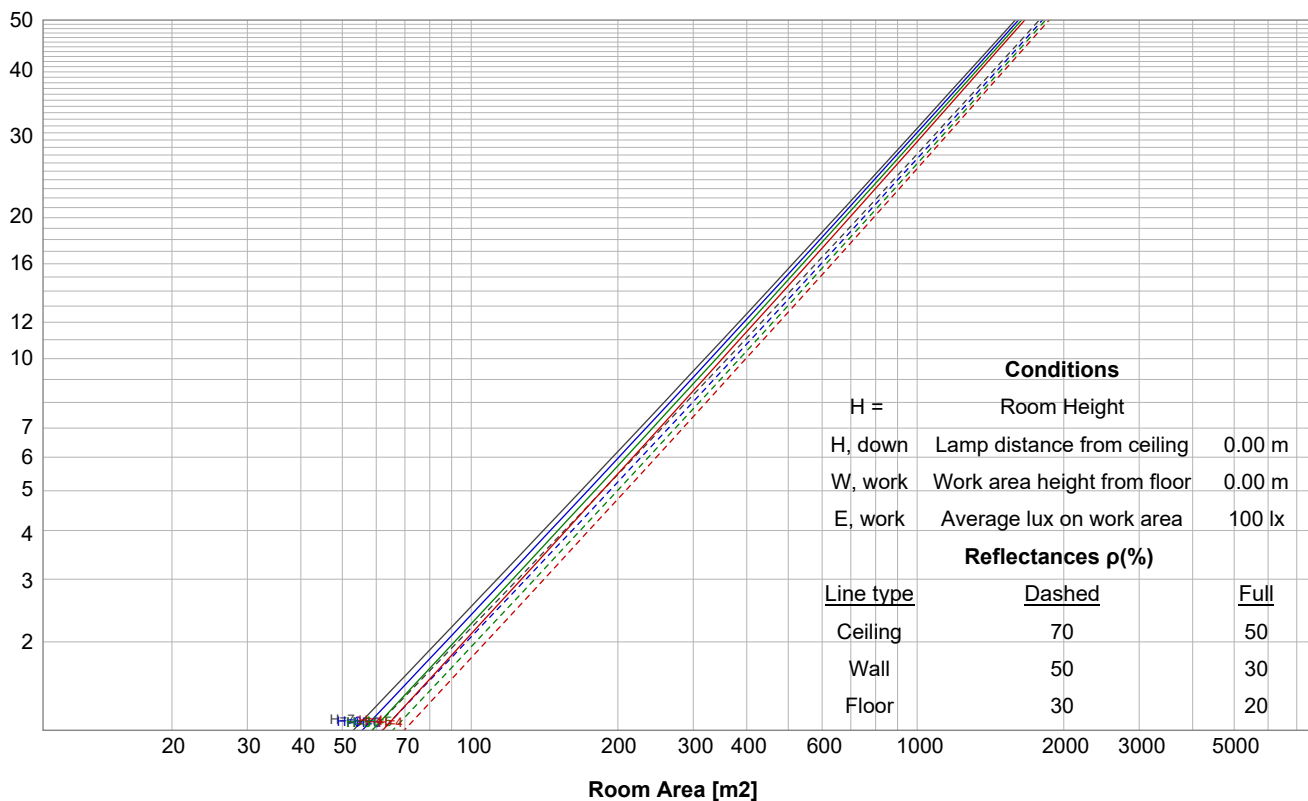


Beam details

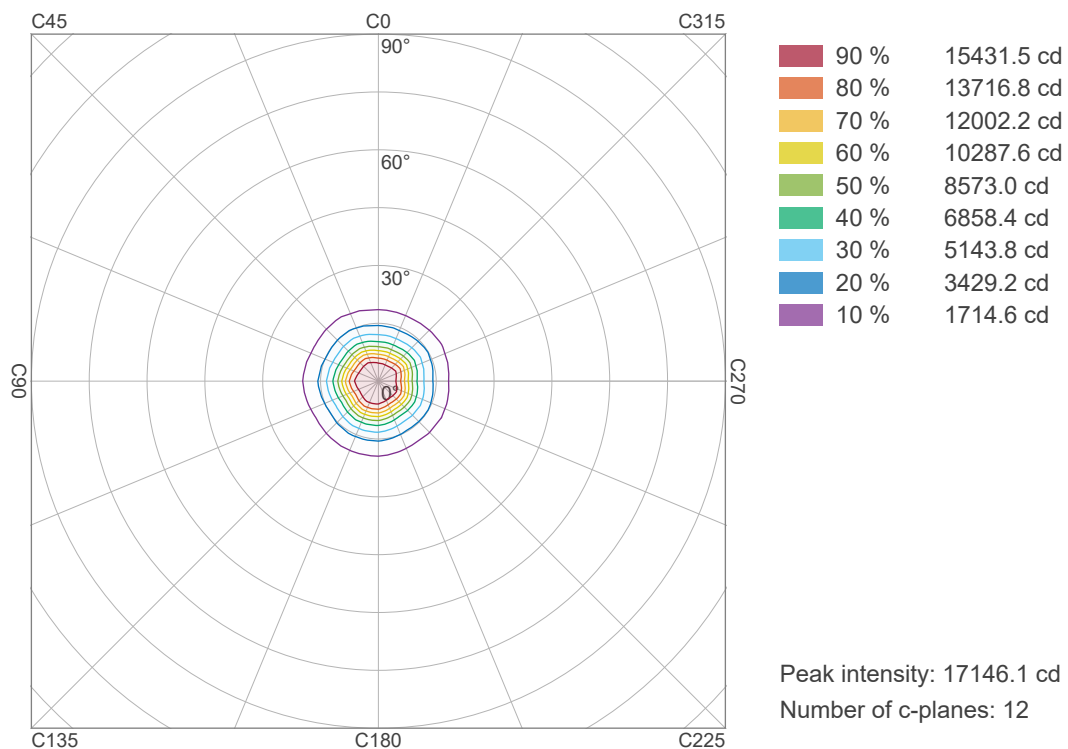


Luminaire budgetary diagram

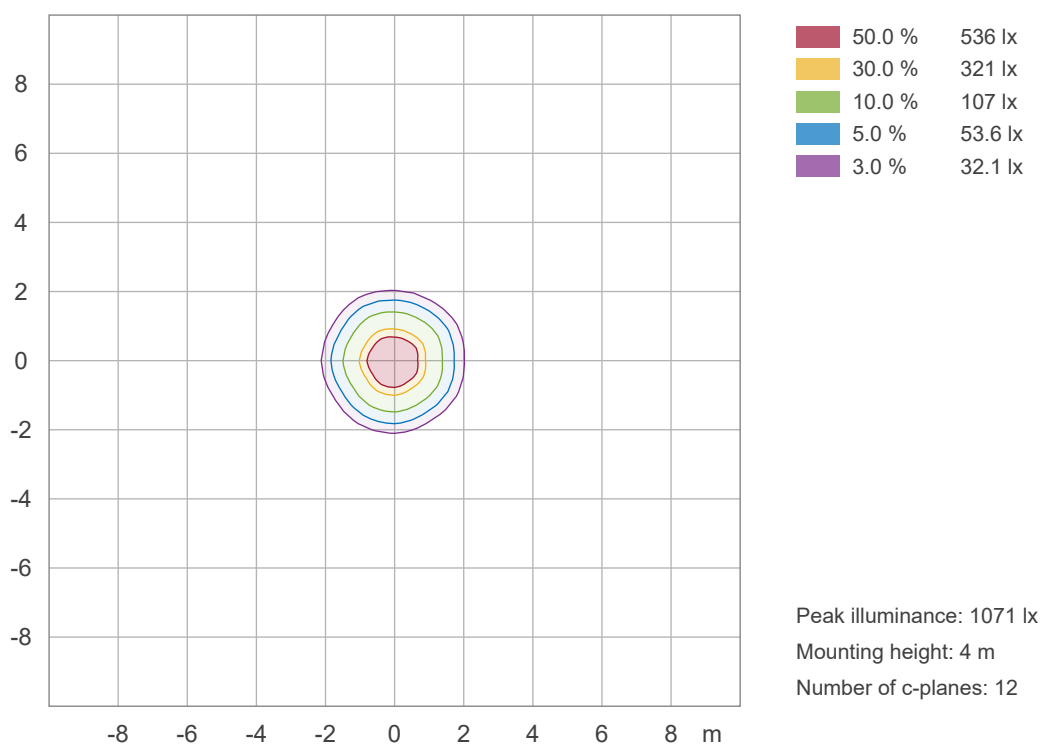
LAMPS (number of lamps)



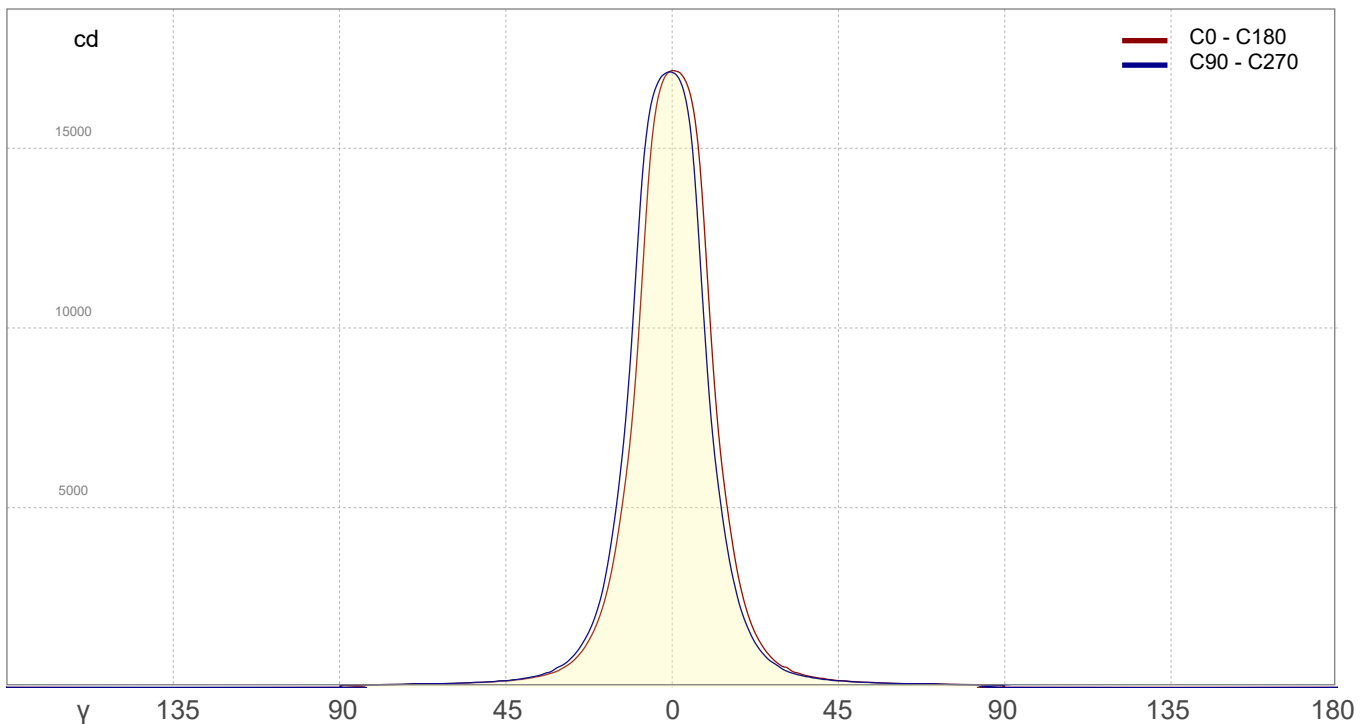
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

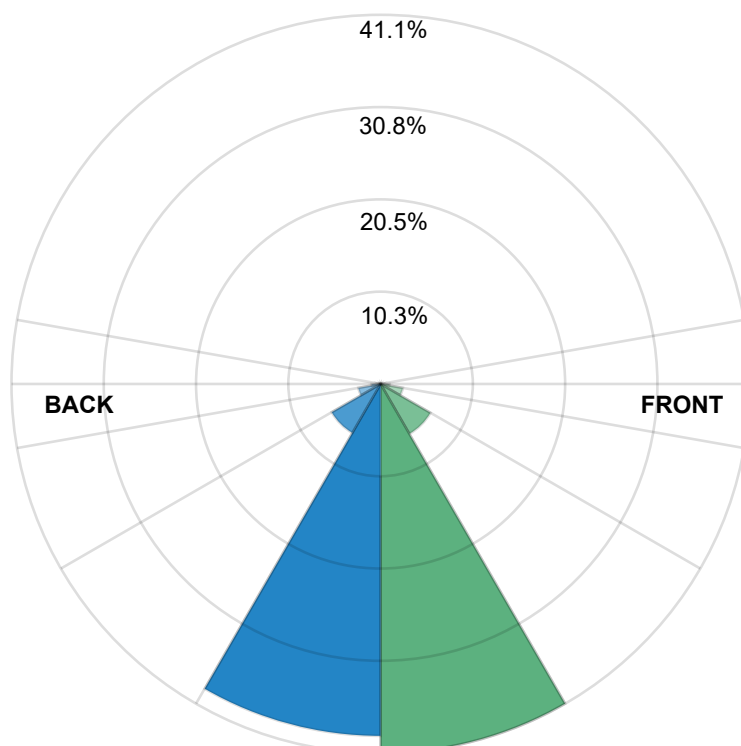


Linear intensity distribution diagram



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

BUG rating B3 U0 G1



Forward Light

Low (0-30°)	1570.7 lm	41.1%
Medium (30-60°)	245.2 lm	6.4%
High (60-80°)	96.4 lm	2.5%
Very High (80-90°)	38.0 lm	1.0%

Back Light

Low (0-30°)	1497.4 lm	39.2%
Medium (30-60°)	240.3 lm	6.3%
High (60-80°)	96.2 lm	2.5%
Very High (80-90°)	38.0 lm	1.0%

Uplight

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

Total

Sum	3822.2 lm	100,0%
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