

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	27.63 W

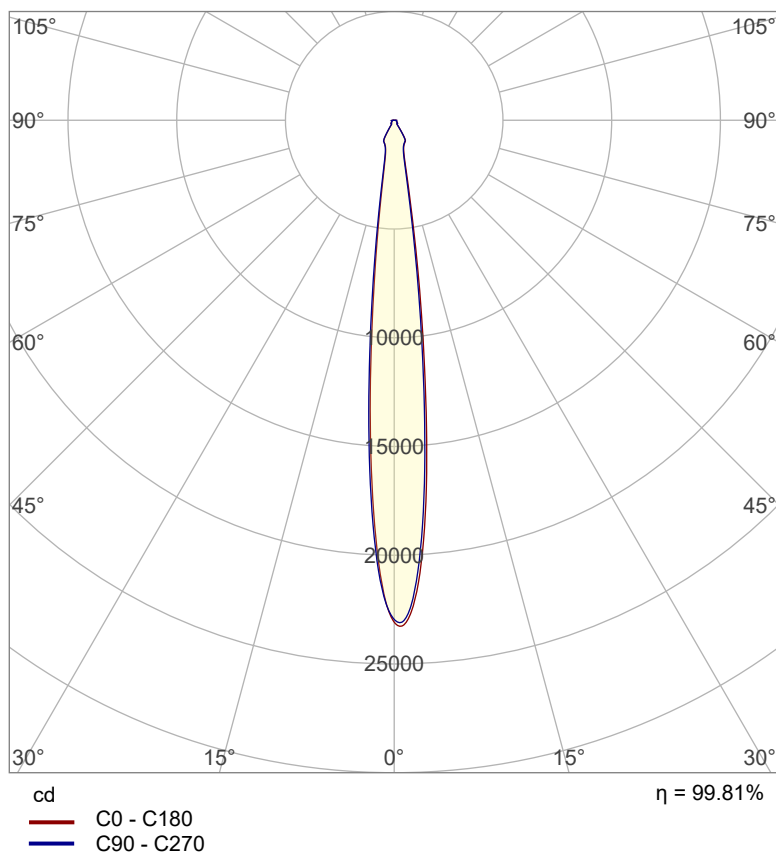
Tested Light Source

Luminaire	2021/4/18 8:56:22
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

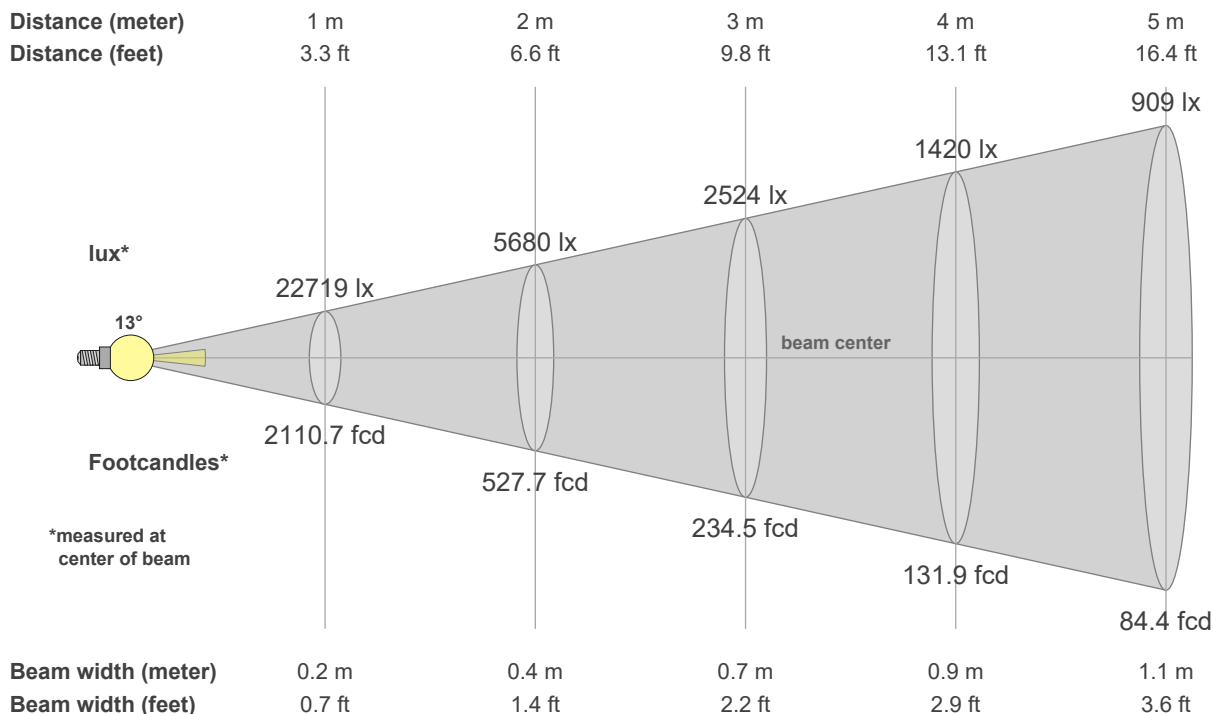
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2877 lm – 0.0098% / 99.99%
Efficiency	104.1 lm/W
Peak Intensity	23.23 kcd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

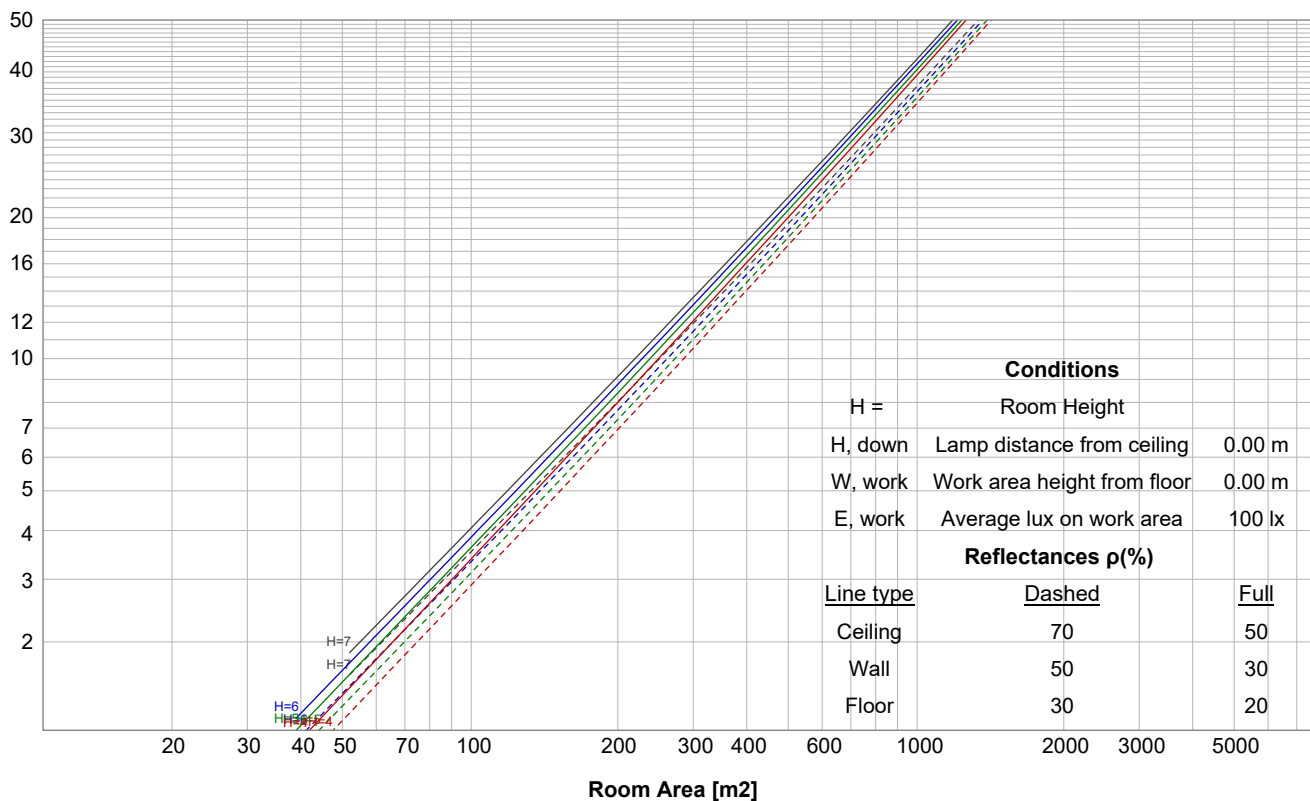


Beam details

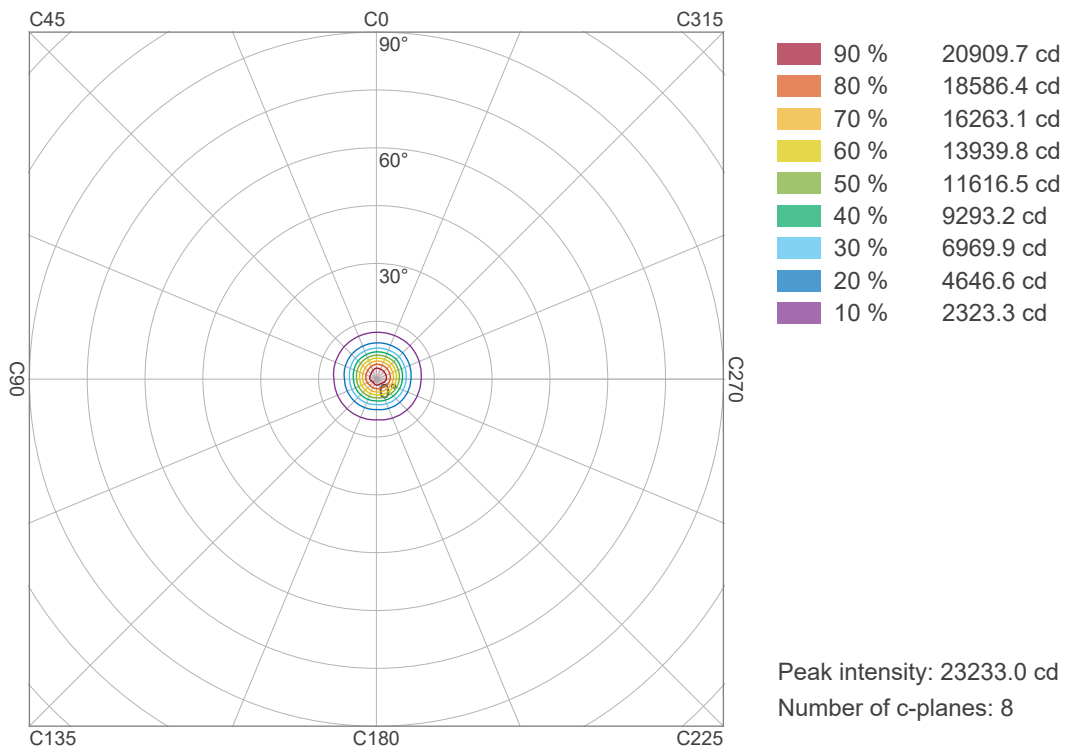


Luminaire budgetary diagram

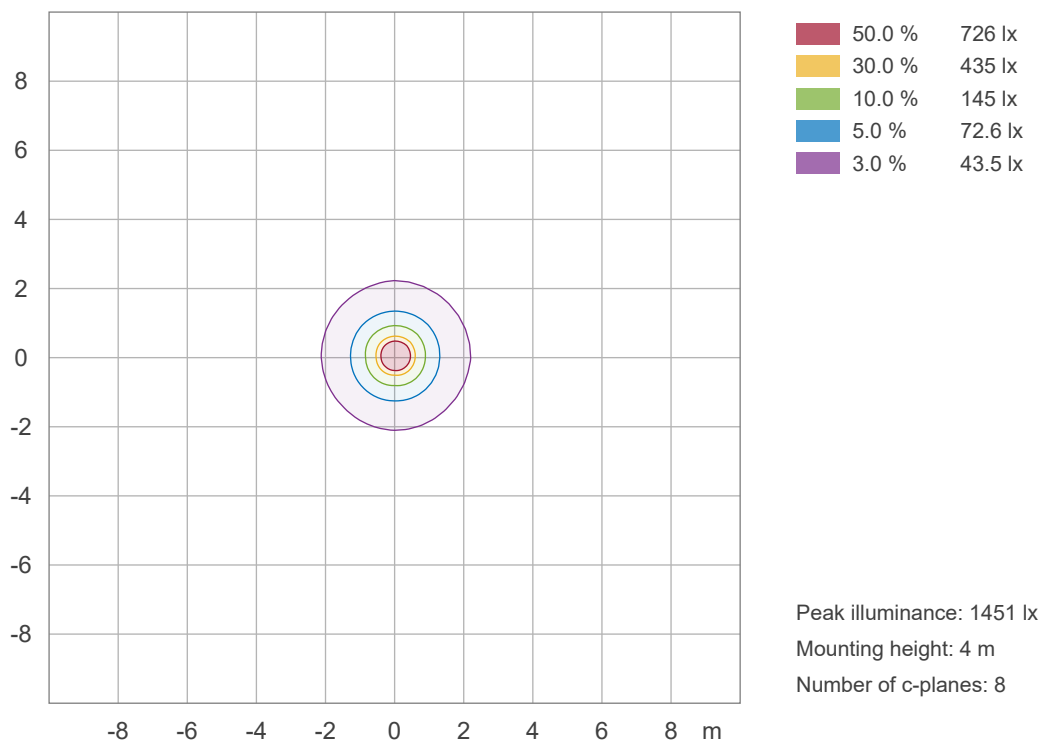
LAMPS (number of lamps)



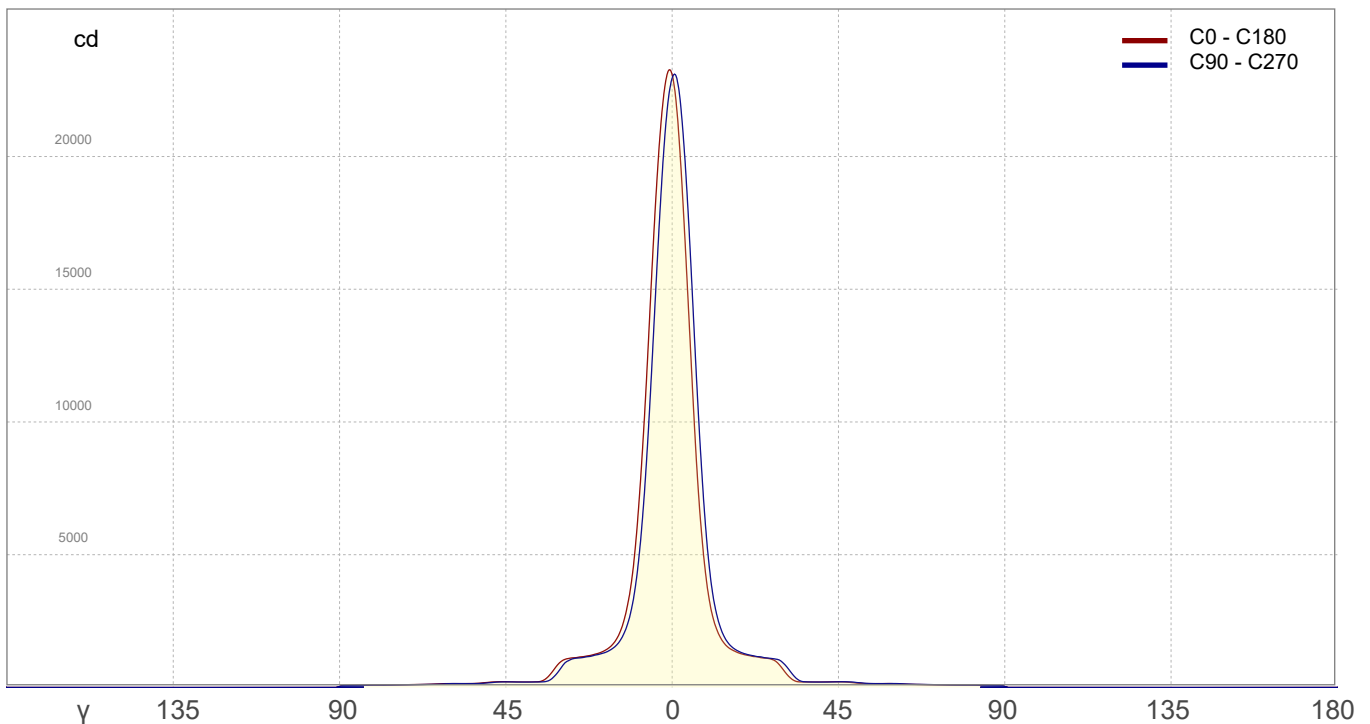
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

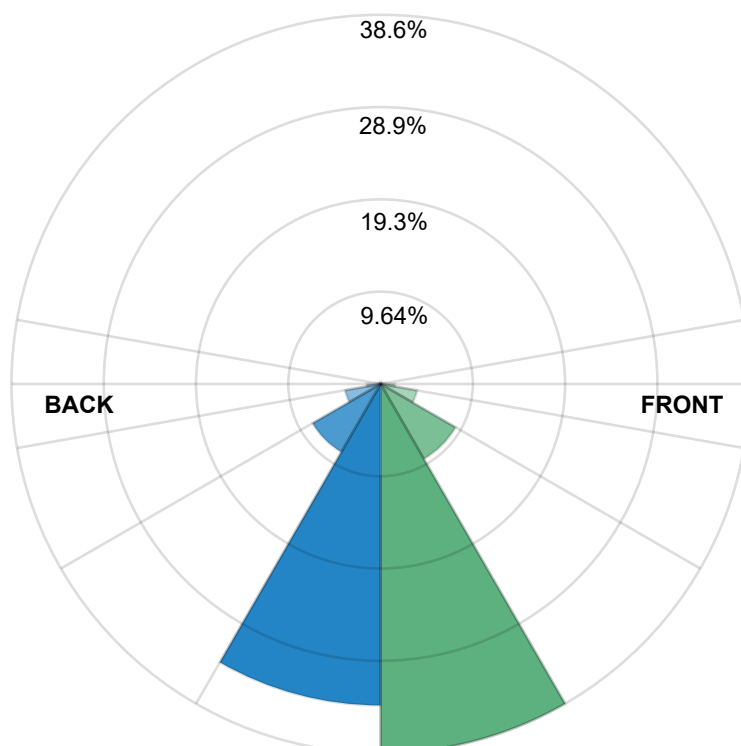


Linear intensity distribution diagram



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

BUG rating B2 U0 G1



Forward Light

Low (0-30°)	1109.8 lm	38.6%
Medium (30-60°)	260.4 lm	9.0%
High (60-80°)	111.4 lm	3.9%
Very High (80-90°)	43.0 lm	1.5%

Back Light

Low (0-30°)	966.4 lm	33.6%
Medium (30-60°)	236.1 lm	8.2%
High (60-80°)	108.4 lm	3.8%
Very High (80-90°)	41.7 lm	1.4%

Uplight

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

Total

Sum	2877.4 lm	100,0%
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