

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	90.45 W

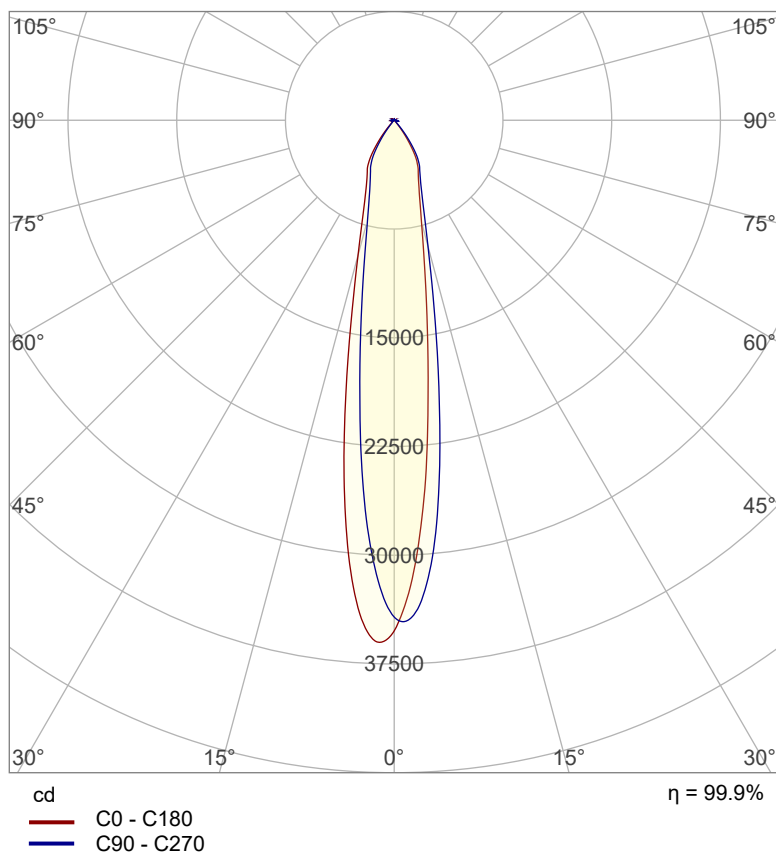
Tested Light Source

Luminaire	0
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

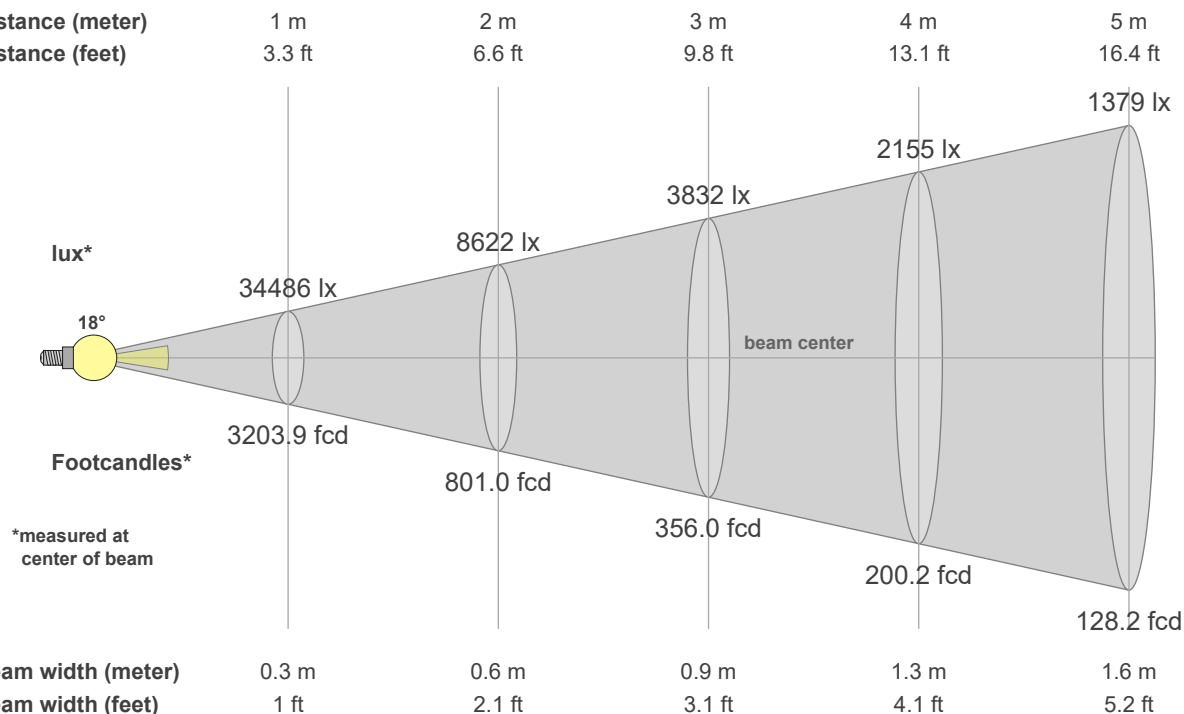
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	8172 lm – 1.371% / 98.63%
Efficiency	90.34 lm/W
Peak Intensity	35.97 kcd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

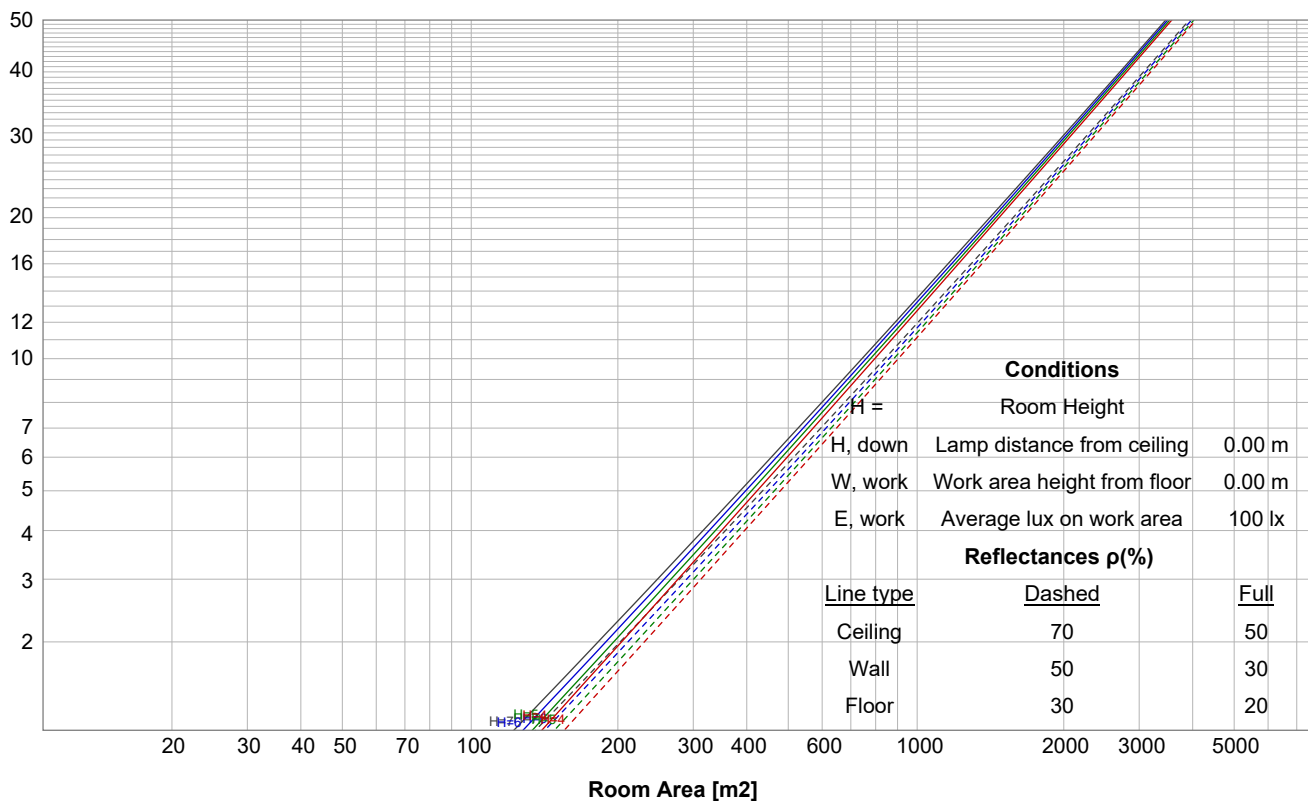


Beam details

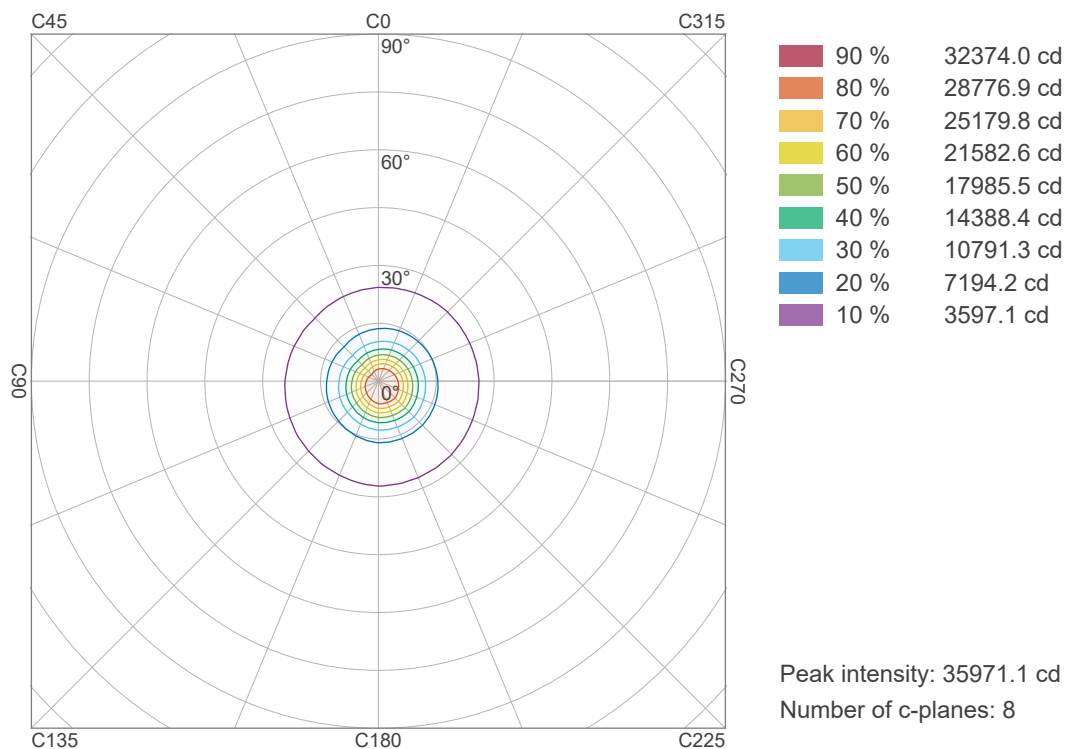


Luminaire budgetary diagram

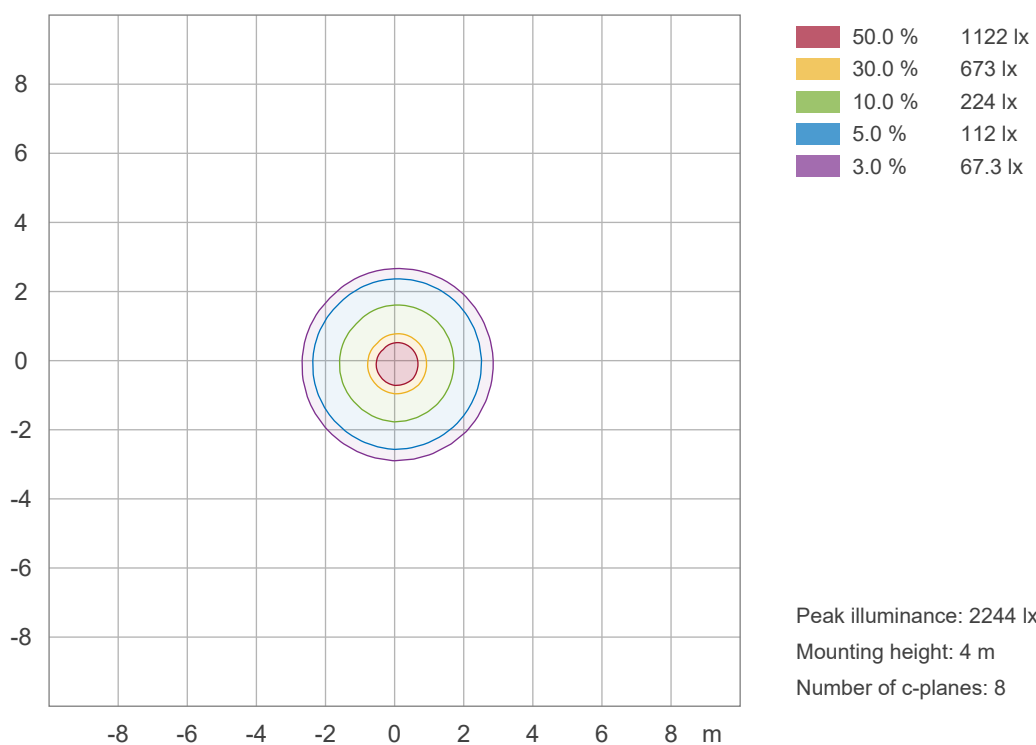
LAMPS (number of lamps)



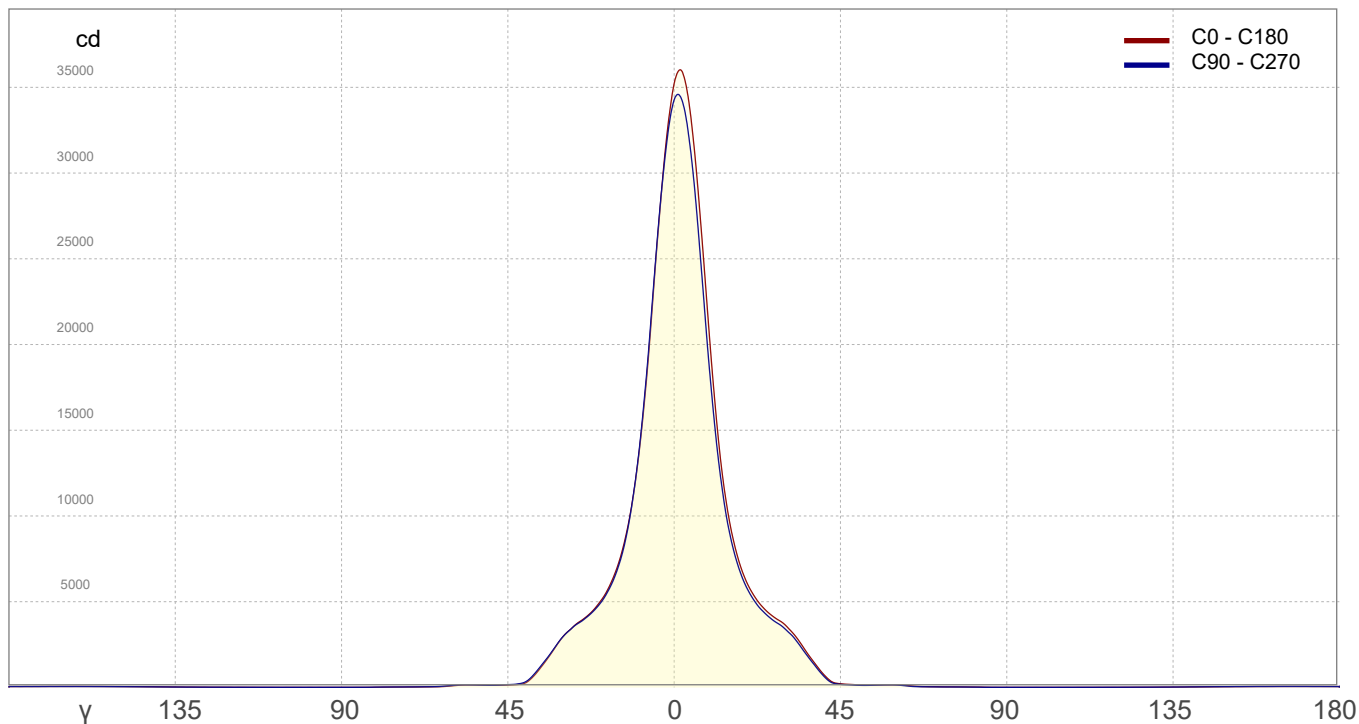
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

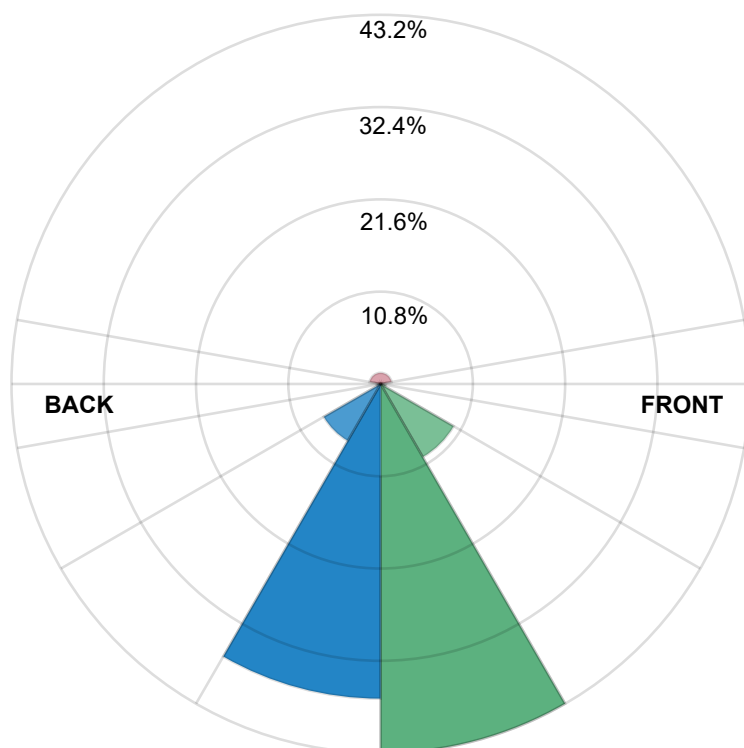


Linear intensity distribution diagram



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

BUG rating B4 U3 G0



Forward Light

Low (0-30°)	3526.7 lm	43.2%
Medium (30-60°)	806.1 lm	9.9%
High (60-80°)	49.5 lm	0.6%
Very High (80-90°)	5.5 lm	0.1%

Back Light

Low (0-30°)	3006.2 lm	36.8%
Medium (30-60°)	626.7 lm	7.7%
High (60-80°)	35.3 lm	0.4%
Very High (80-90°)	4.0 lm	0.0%

Uplight

Low (90-100°)	5.6 lm	0.07%
High (100-180°)	106.4 lm	1.3%

Total

Sum	8171.6 lm	100,0%
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