

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	8
Tested gamma angles	181 – 1.00°
Input Power	40 W

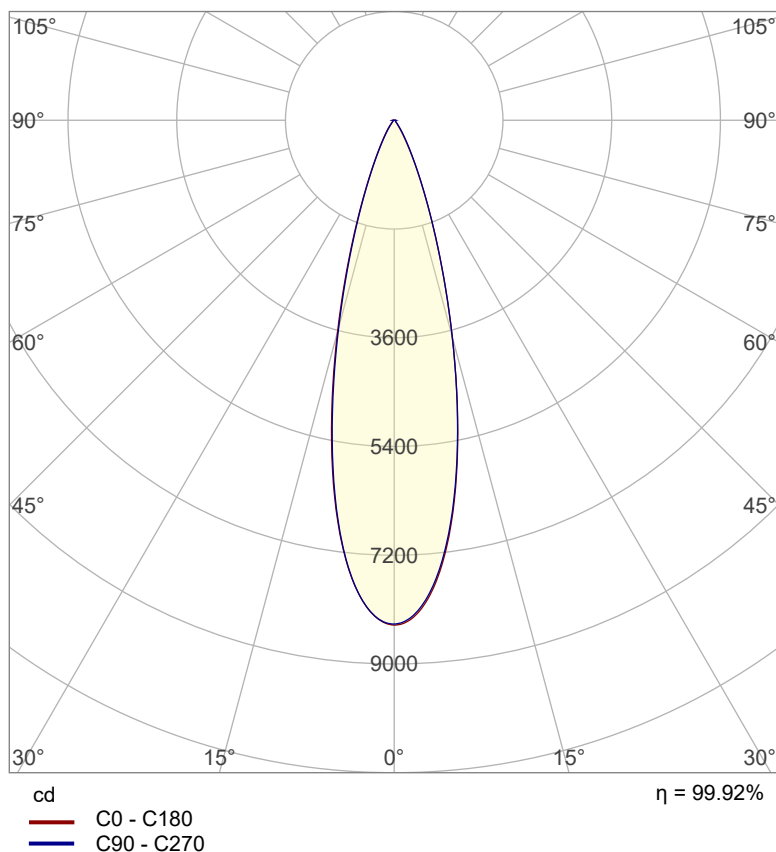
Tested Light Source

Luminaire	2021/4/25 15:53:02
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

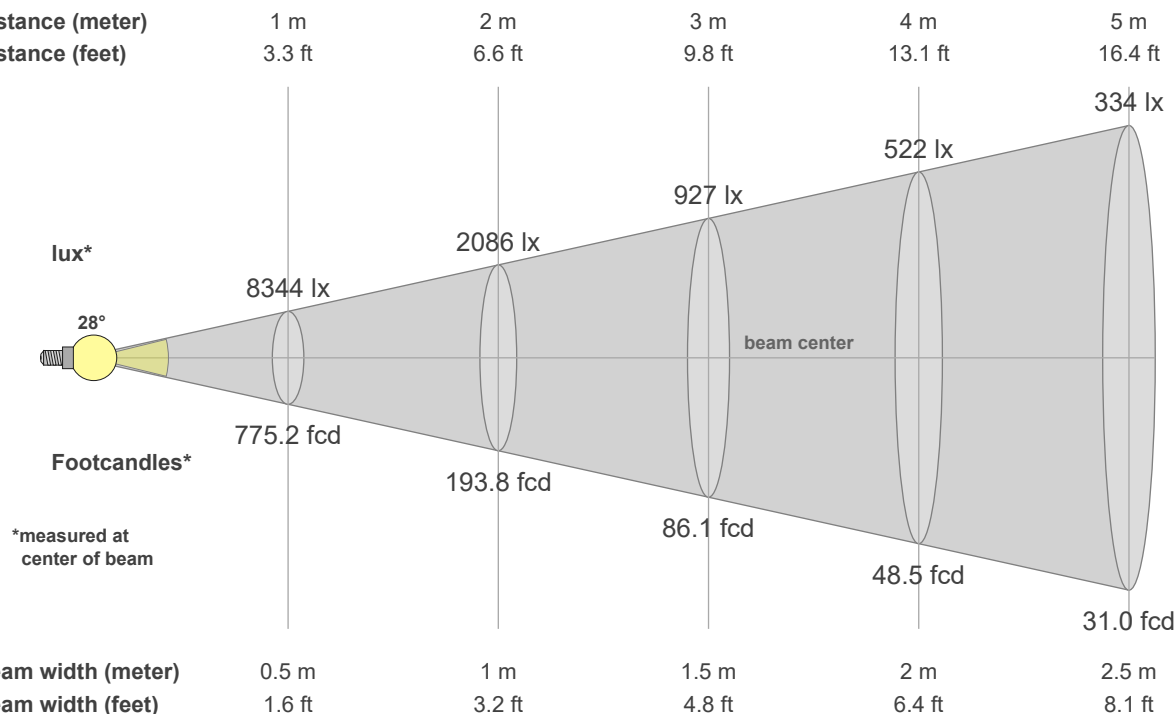
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2320 lm – 0.0042% / 100%
Efficiency	58 lm/W
Peak Intensity	8356 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

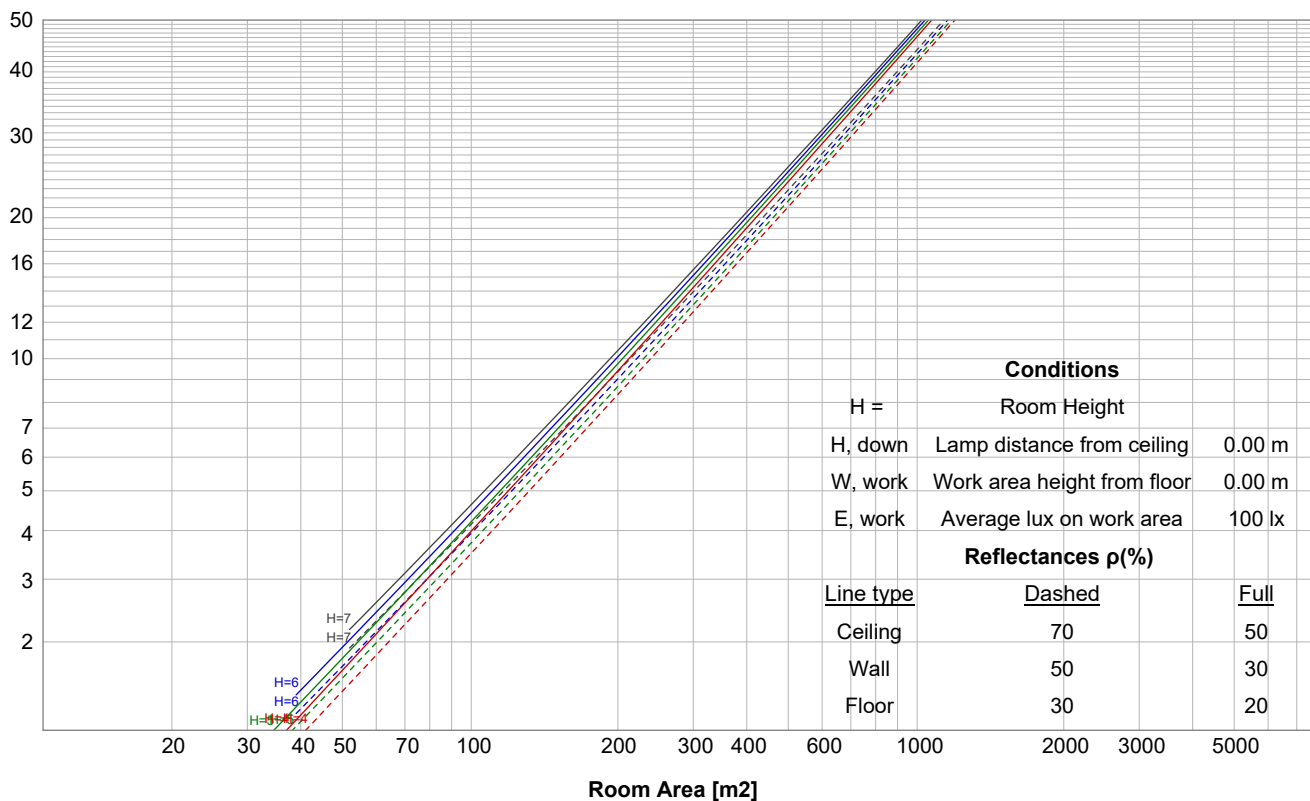


Beam details

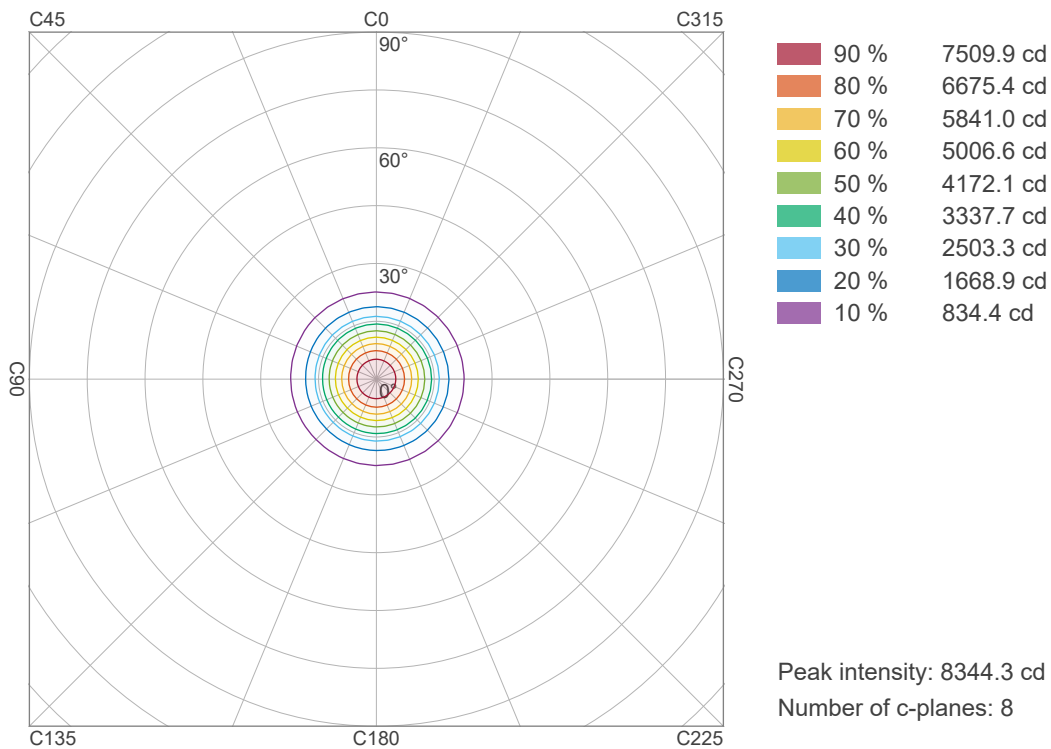


Luminaire budgetary diagram

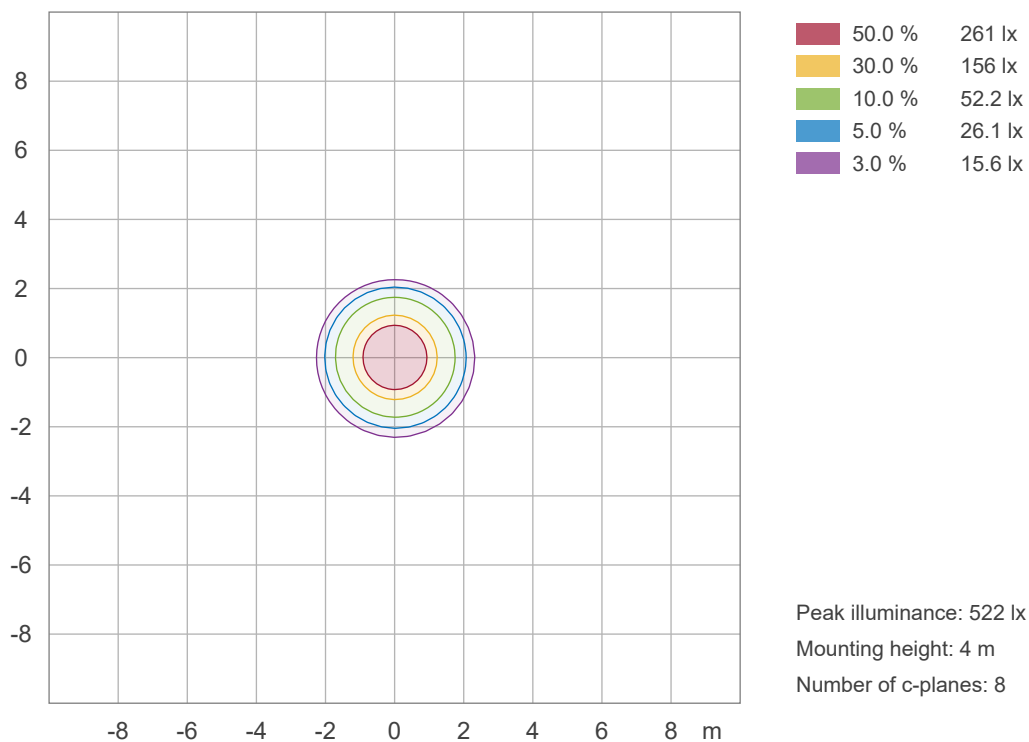
LAMPS (number of lamps)



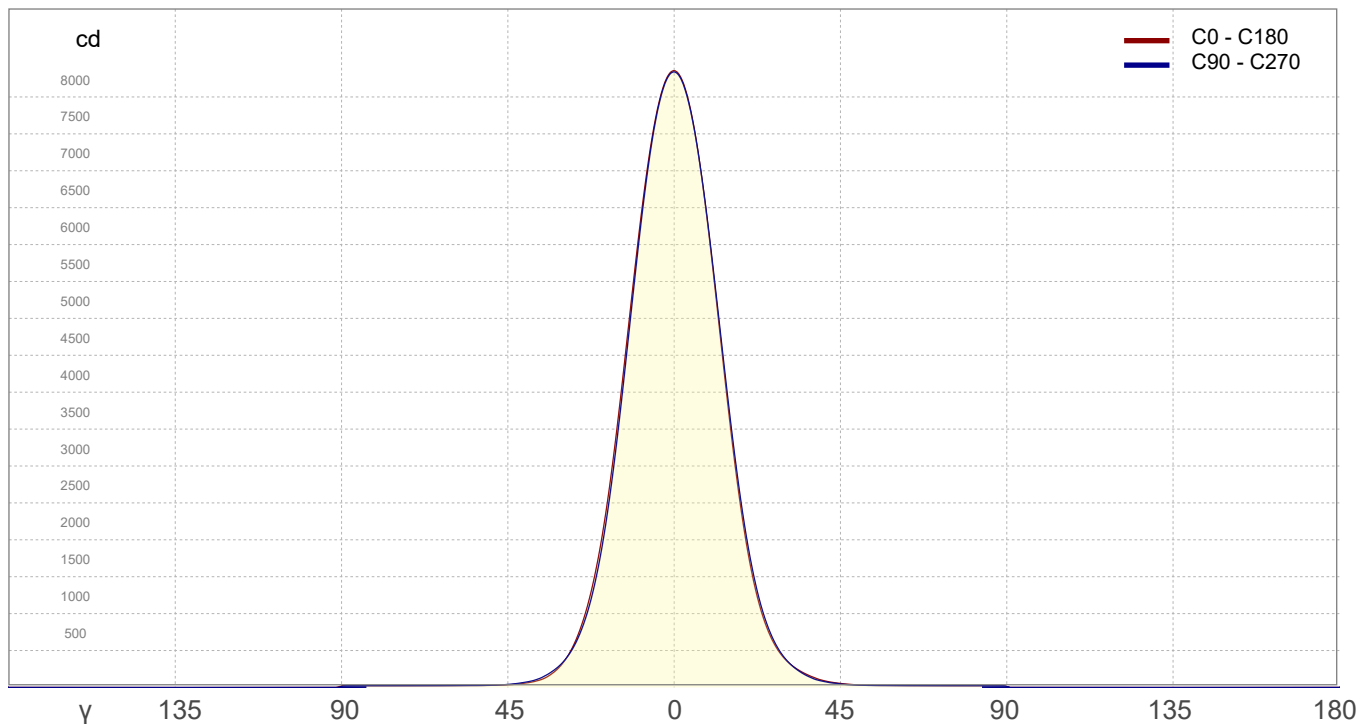
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

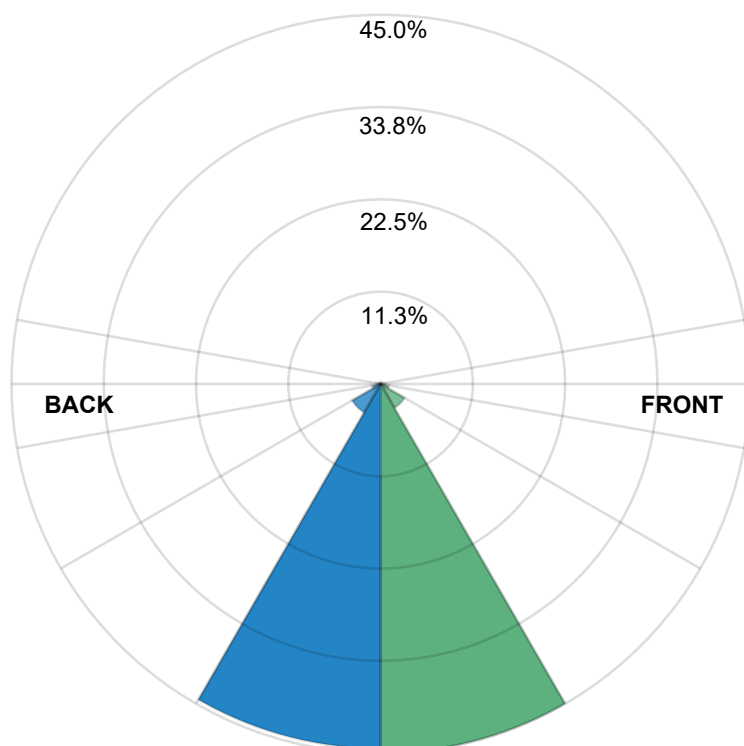


Linear intensity distribution diagram



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

BUG rating B3 U0 G1



Forward Light

Low (0-30°)	1044.1 lm	45.0%
Medium (30-60°)	78.6 lm	3.4%
High (60-80°)	24.1 lm	1.0%
Very High (80-90°)	12.4 lm	0.5%

Back Light

Low (0-30°)	1031.0 lm	44.4%
Medium (30-60°)	93.3 lm	4.0%
High (60-80°)	24.2 lm	1.0%
Very High (80-90°)	12.3 lm	0.5%

Uplight

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

Total

Sum	2319.9 lm	100,0%
-----	-----------	--------