

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	6.72 W

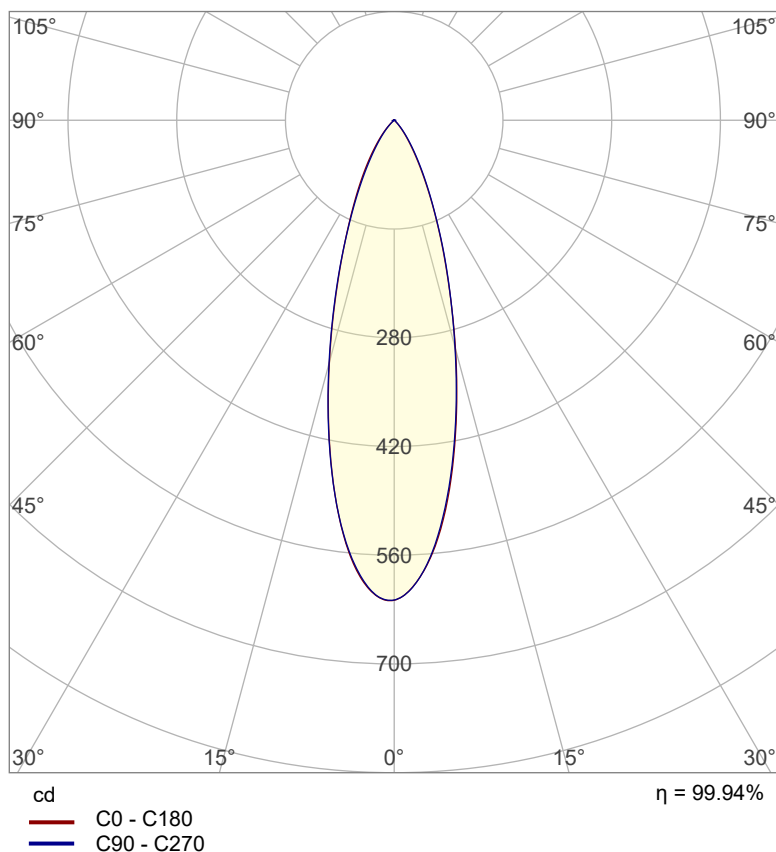
Tested Light Source

Luminaire	2021/4/23 20:25:54
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

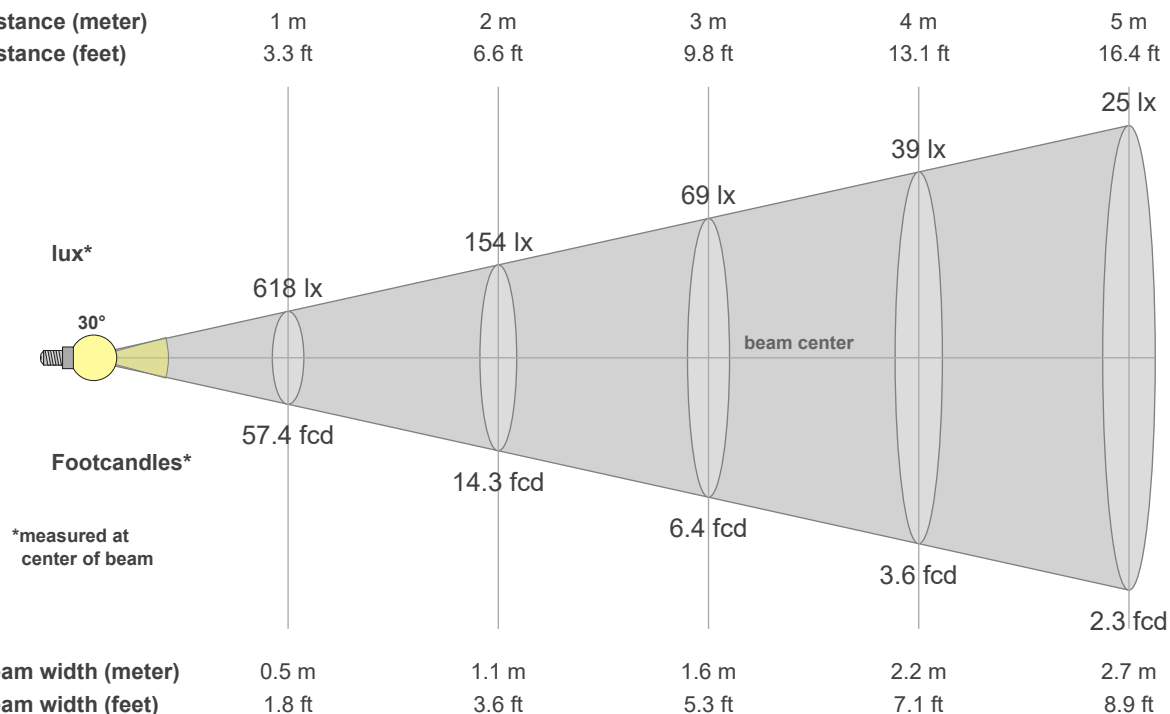
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	225.5 lm – 0.0007% / 100%
Efficiency	33.56 lm/W
Peak Intensity	618.3 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

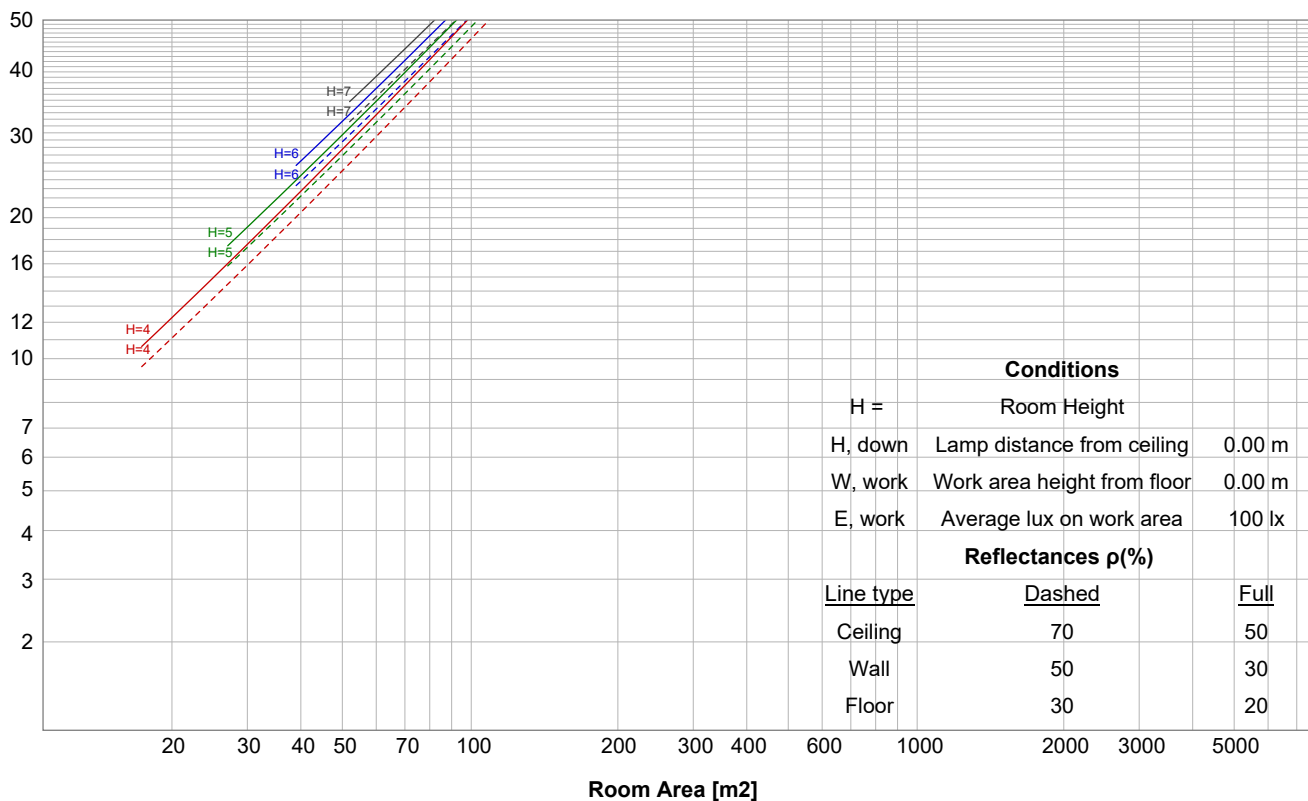


Beam details

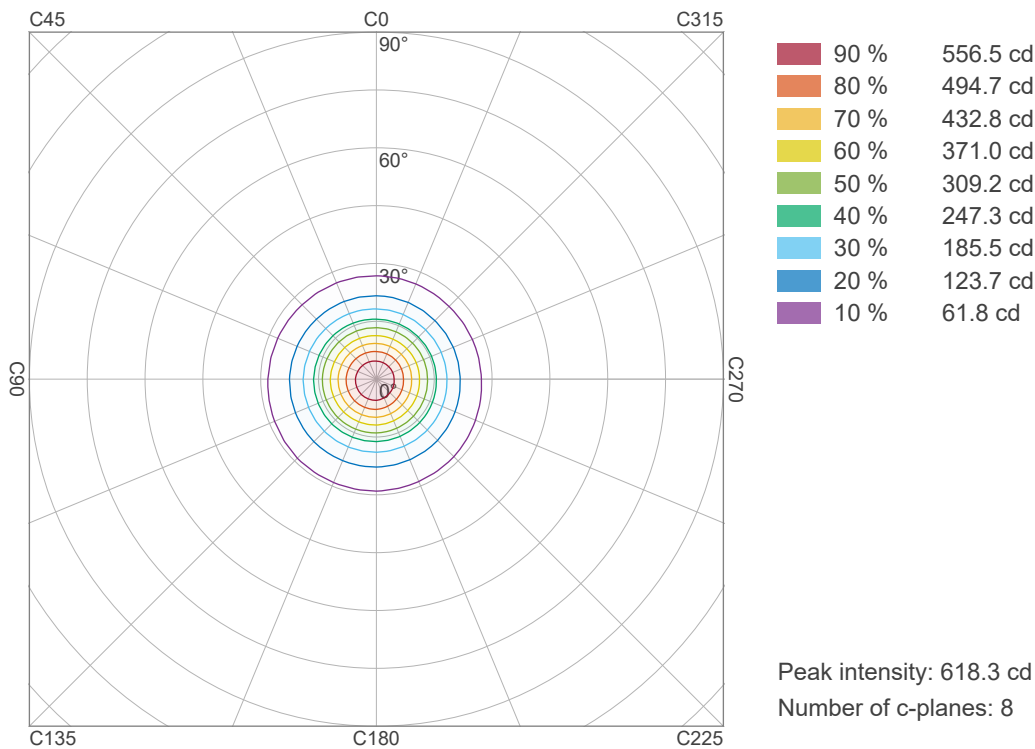


Luminaire budgetary diagram

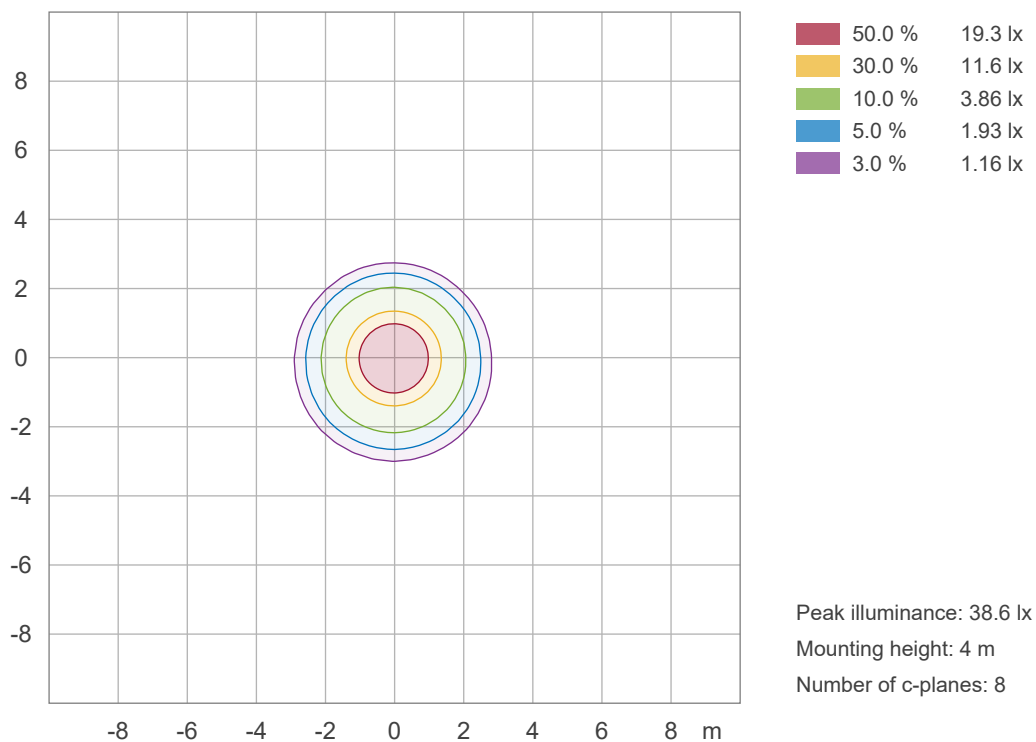
LAMPS (number of lamps)



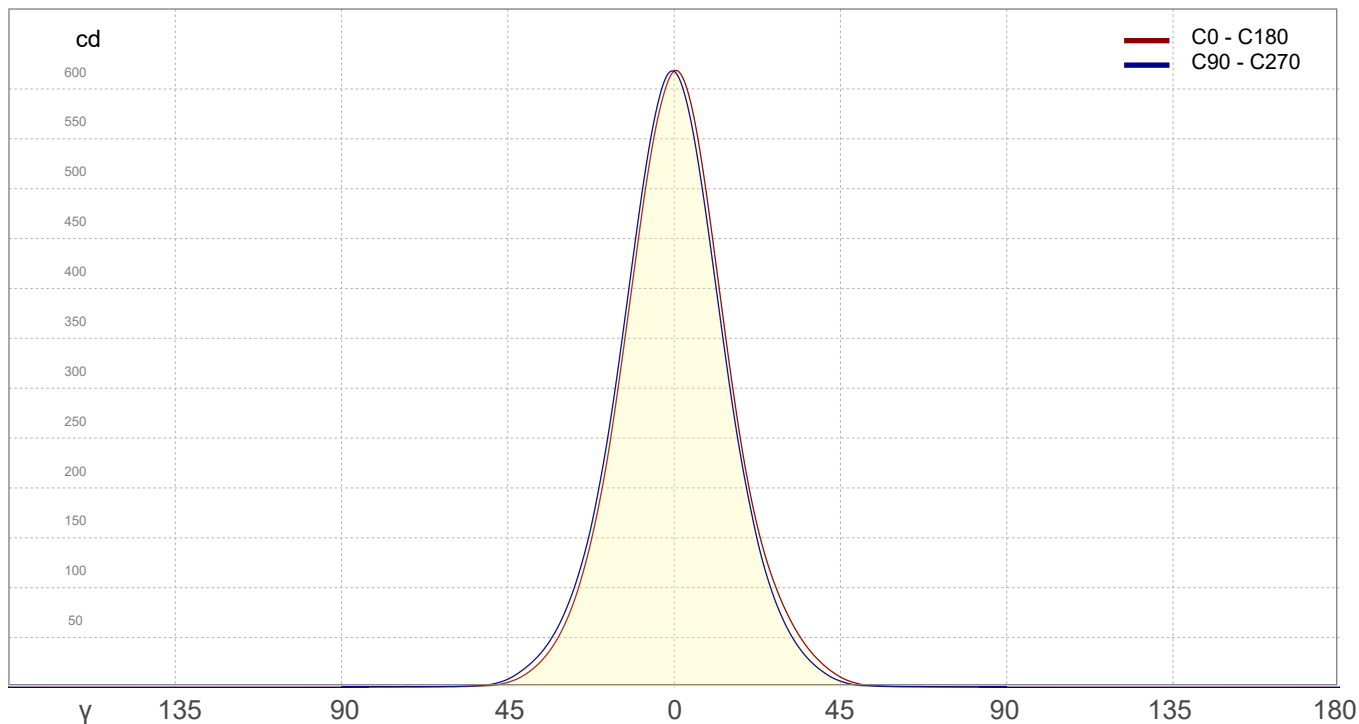
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

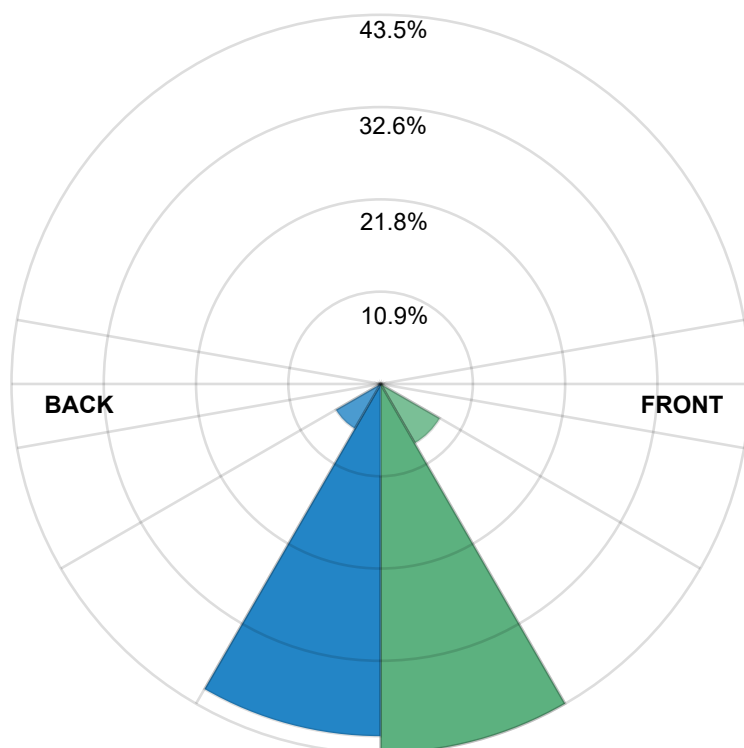


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	98.1 lm	43.5%
Medium (30-60°)	18.2 lm	8.1%
High (60-80°)	0.7 lm	0.3%
Very High (80-90°)	0.3 lm	0.1%

Back Light

Low (0-30°)	93.6 lm	41.5%
Medium (30-60°)	13.7 lm	6.1%
High (60-80°)	0.7 lm	0.3%
Very High (80-90°)	0.3 lm	0.1%

Uplight

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

Total

Sum	225.5 lm	100,0%
-----	----------	--------