

Light measurement report



Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	7/6/2026

Measurement Conditions

Tested c-planes	8
Tested gamma angles	181 – 1.00°
Input Power	3.32 W

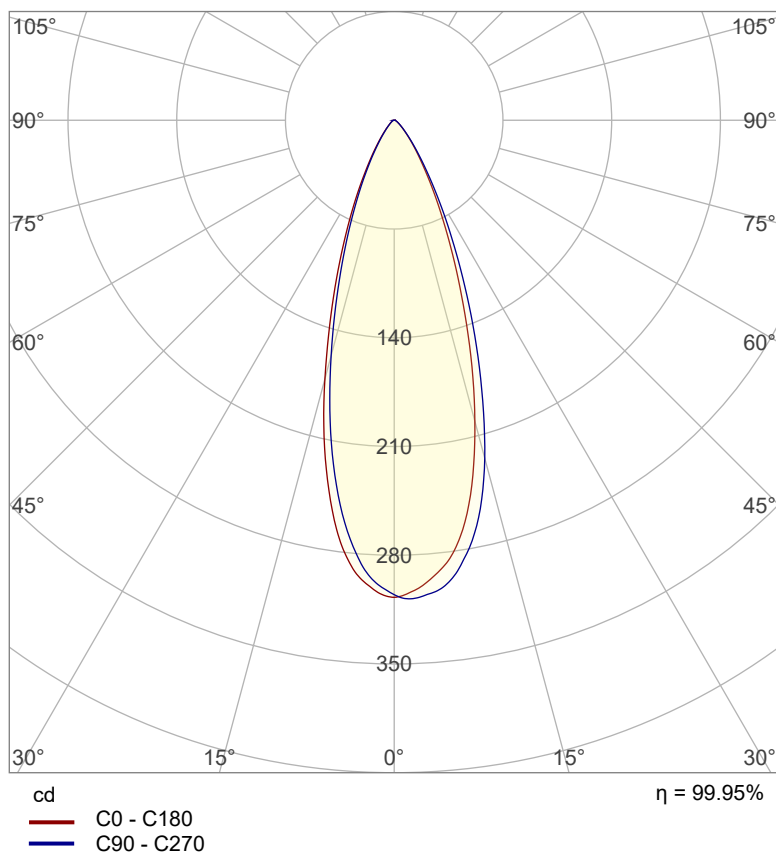
Tested Light Source

Luminaire	2021/4/8 14:39:56
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

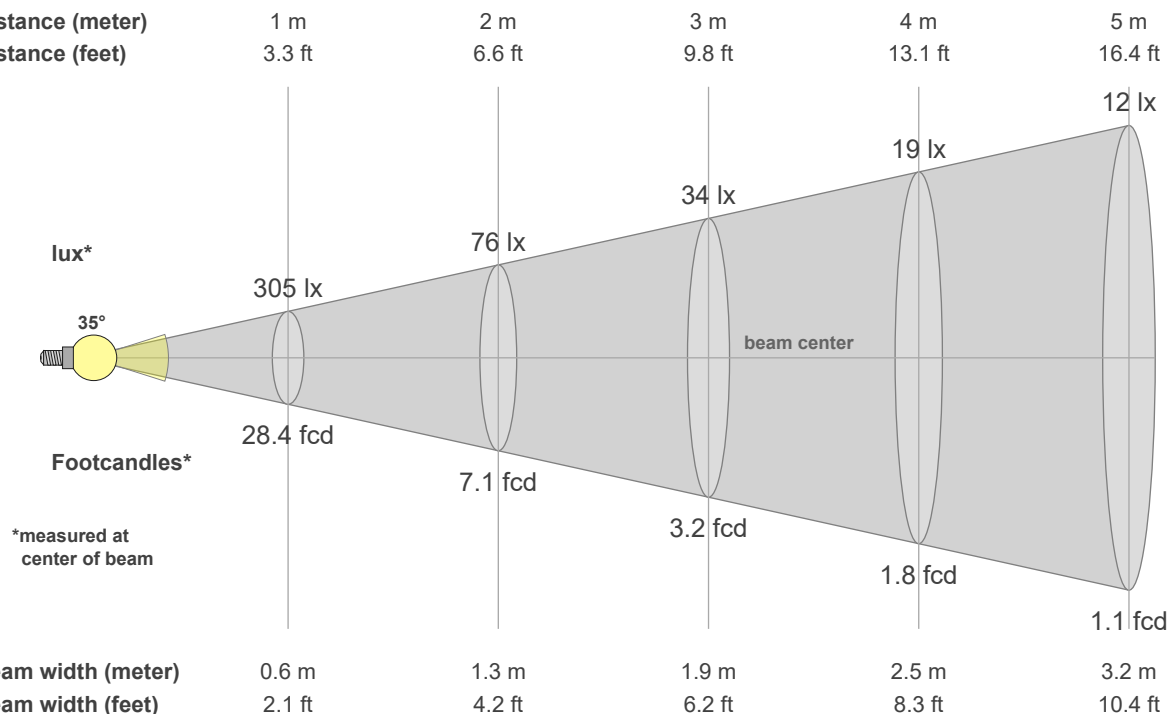
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	139 lm – 0.0008% / 100%
Efficiency	41.86 lm/W
Peak Intensity	308.2 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

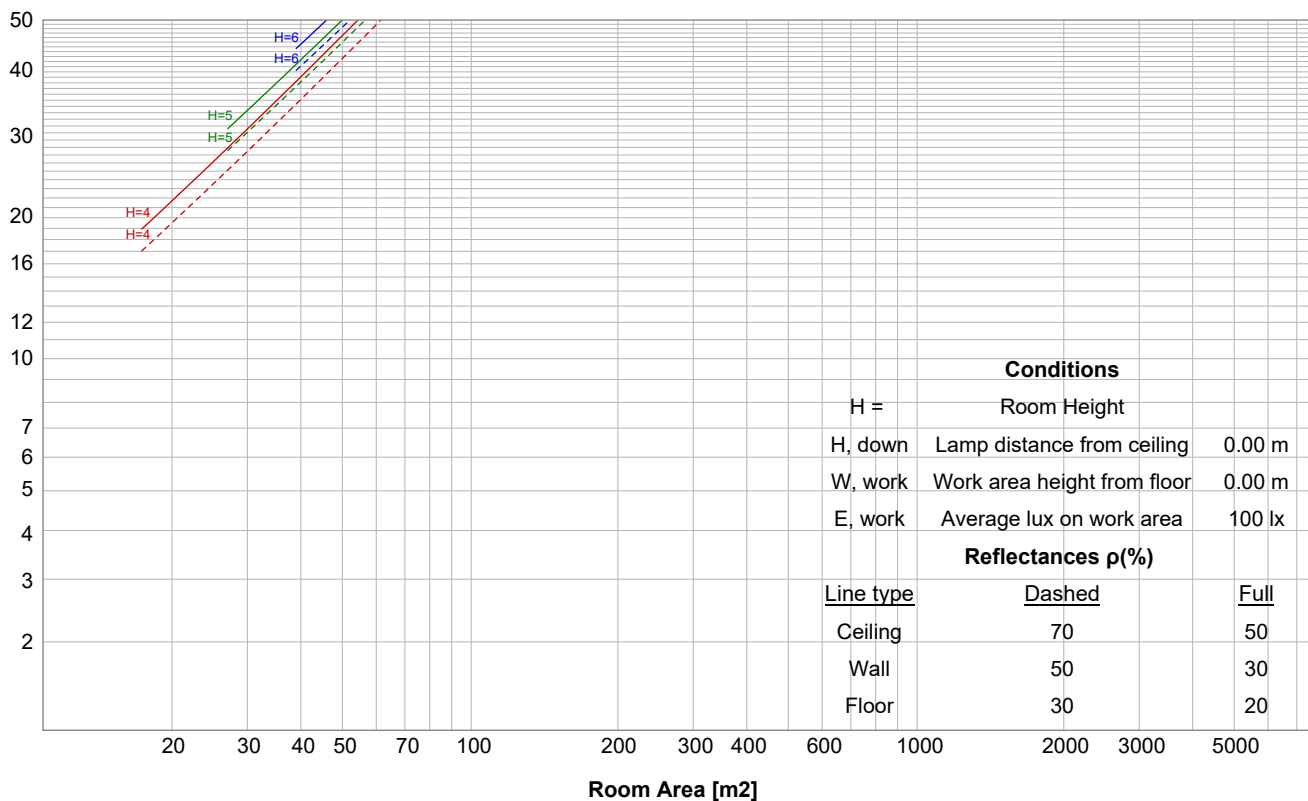


Beam details

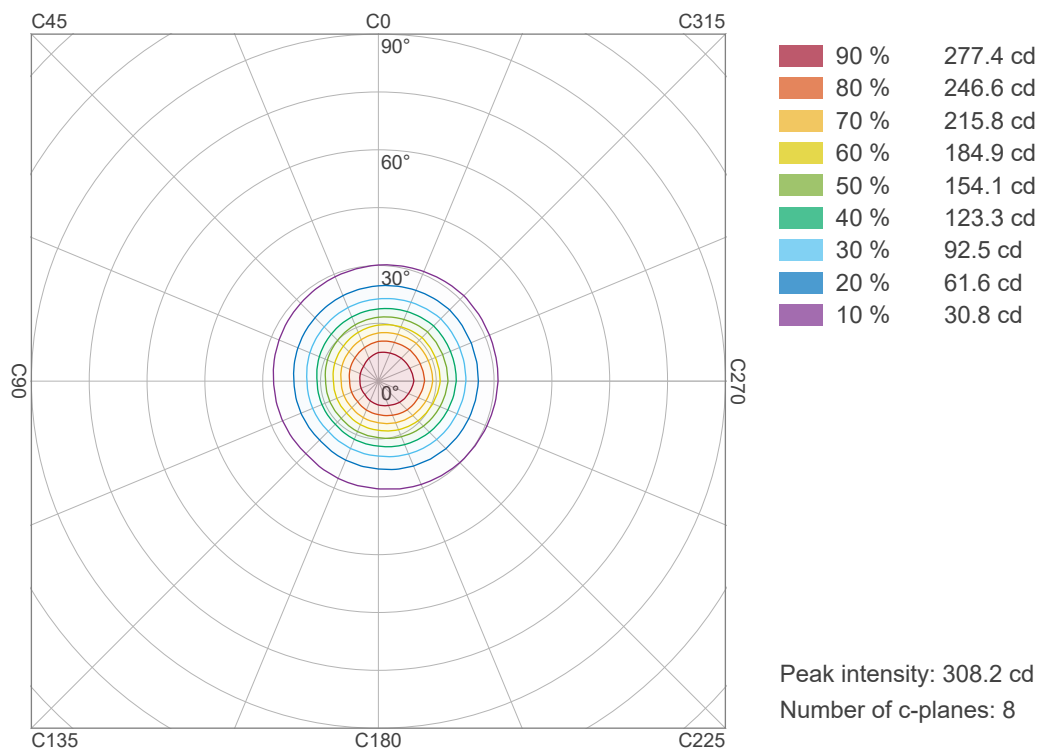


Luminaire budgetary diagram

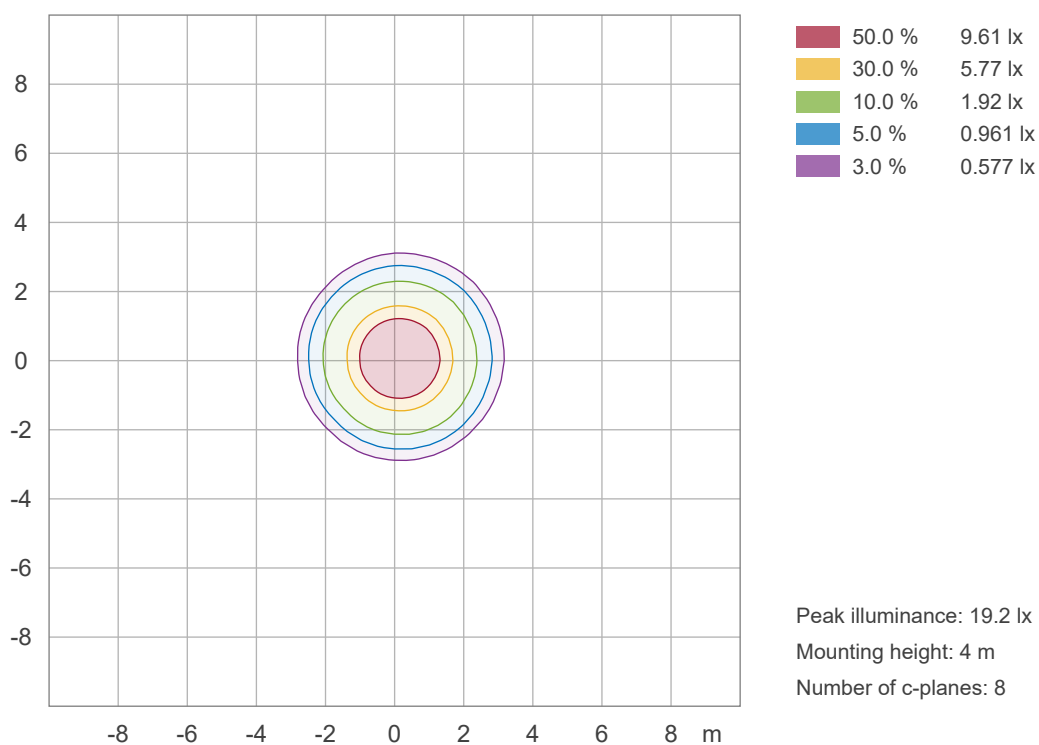
LAMPS (number of lamps)



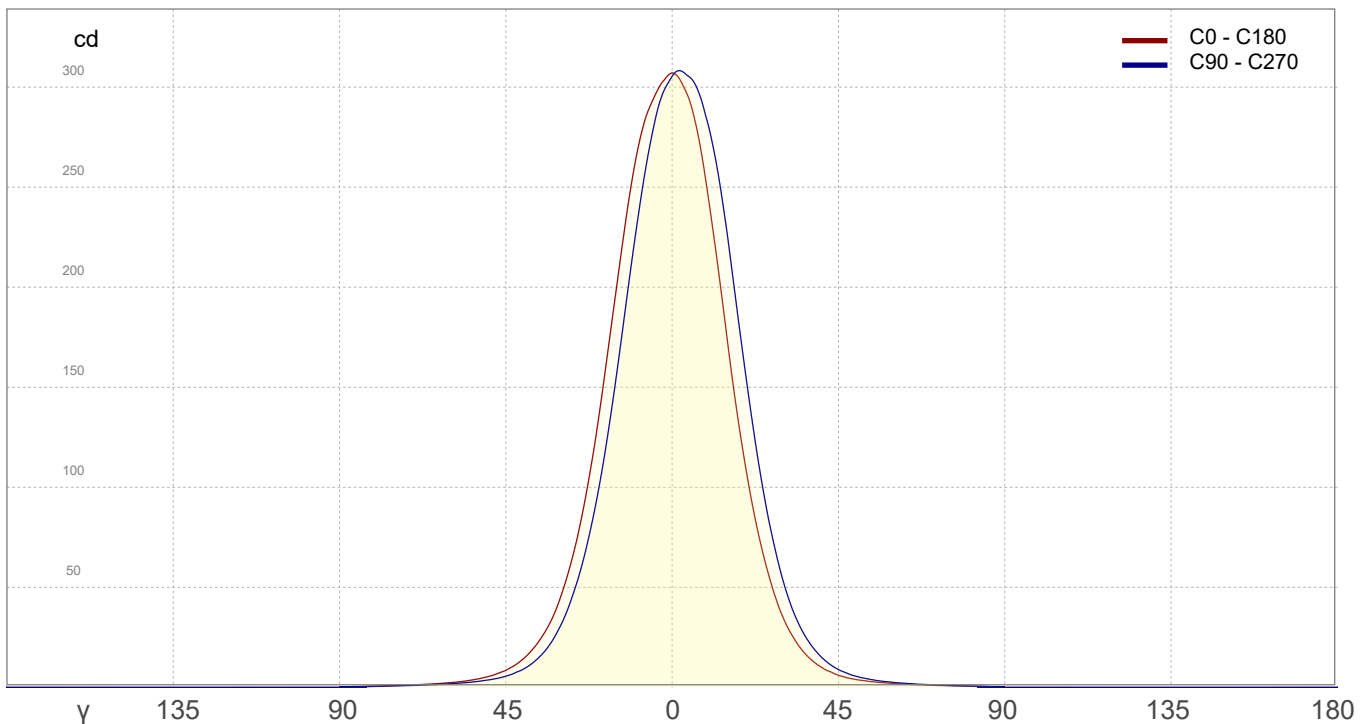
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

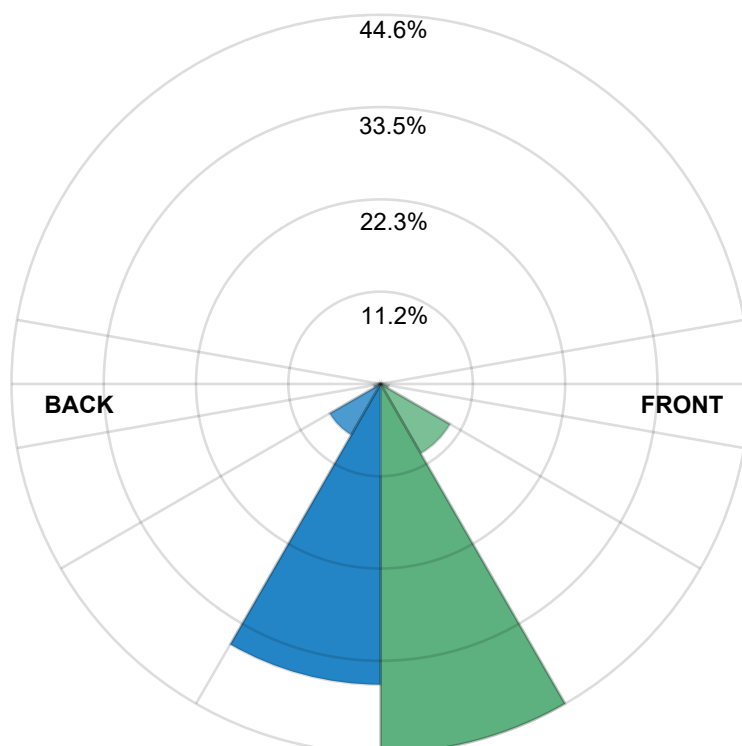


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	62.1 lm	44.6%
Medium (30-60°)	13.5 lm	9.7%
High (60-80°)	1.4 lm	1.0%
Very High (80-90°)	0.3 lm	0.2%

Back Light

Low (0-30°)	50.6 lm	36.4%
Medium (30-60°)	9.9 lm	7.1%
High (60-80°)	1.1 lm	0.8%
Very High (80-90°)	0.2 lm	0.1%

Uplight

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

Total

Sum	139.0 lm	100,0%
-----	----------	--------