

Light measurement report



Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	6/25/2026

Measurement Conditions

Tested c-planes	12
Tested gamma angles	181 – 1.00°
Input Power	10.43 W

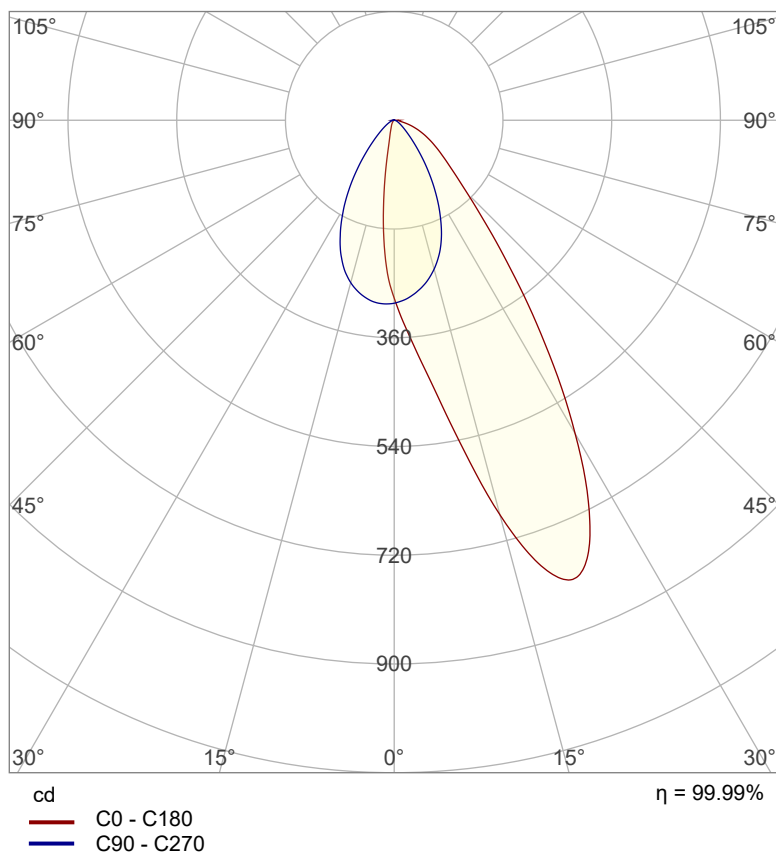
Tested Light Source

Luminaire	2021/1/16 15:59:34
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

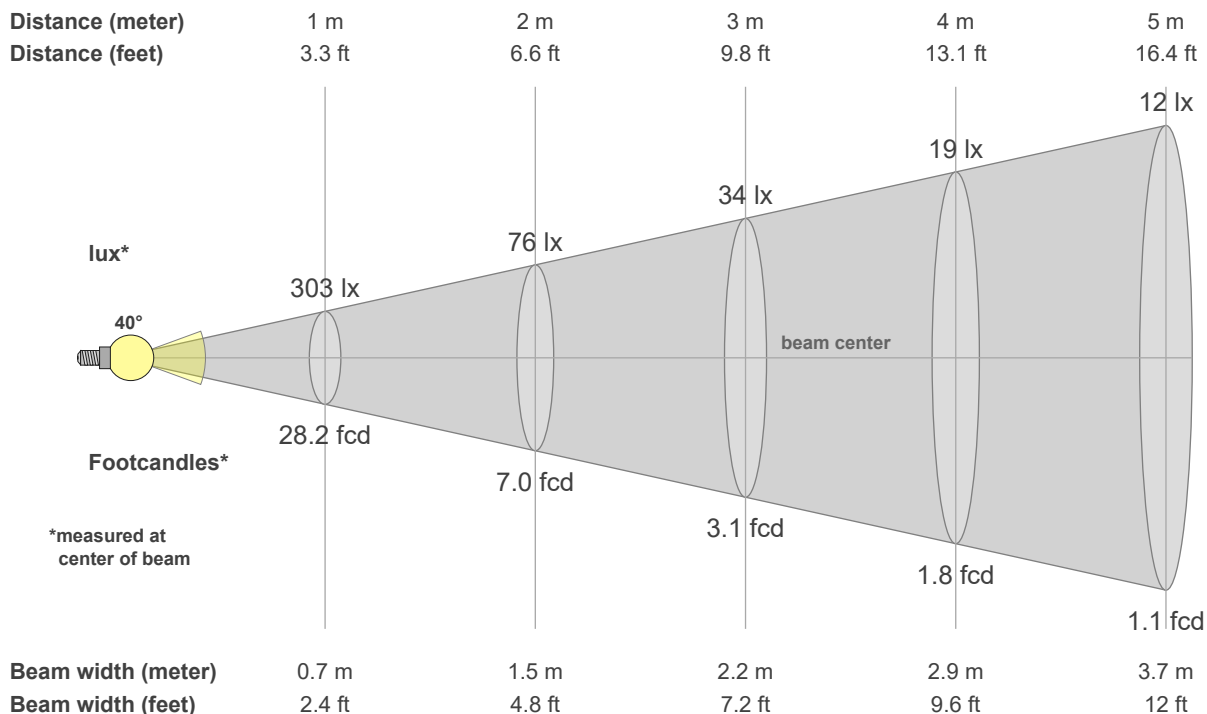
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	498 lm – 0.0024% / 100%
Efficiency	47.76 lm/W
Peak Intensity	814.9 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

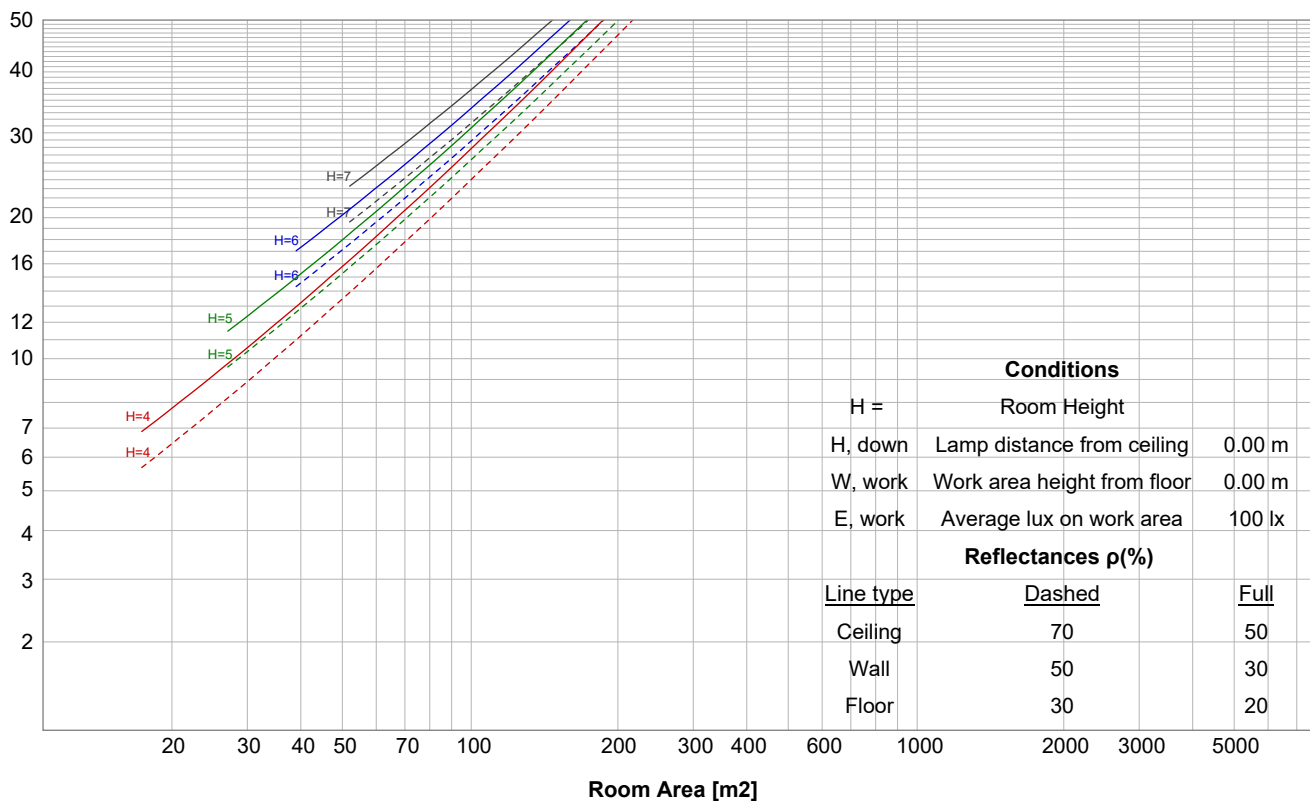


Beam details

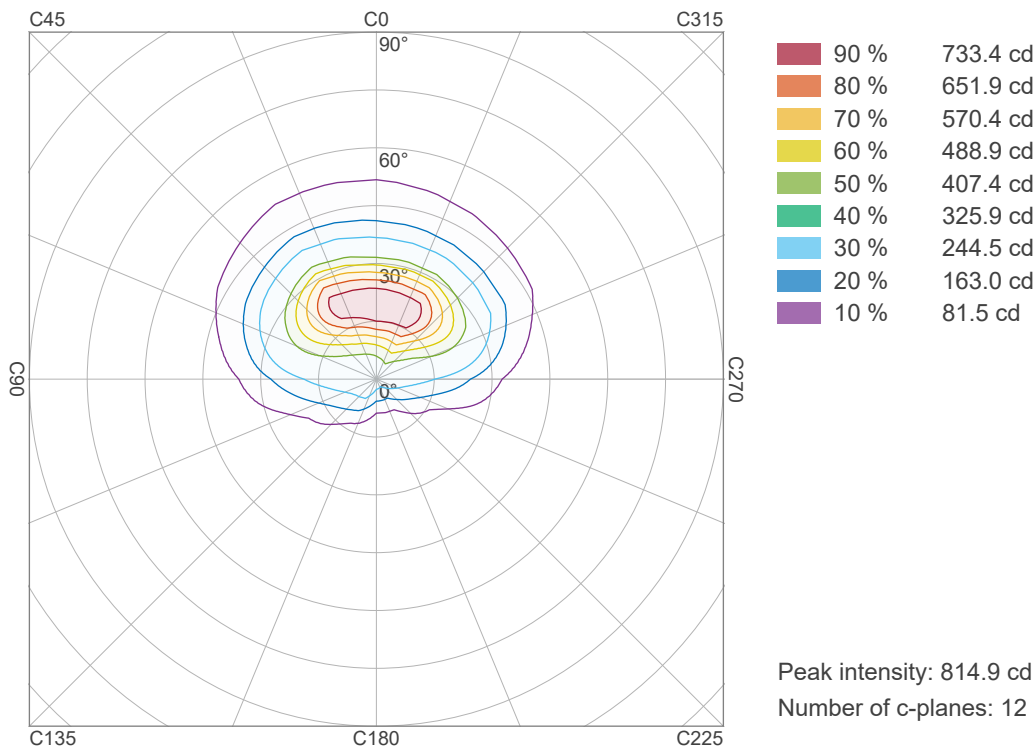


Luminaire budgetary diagram

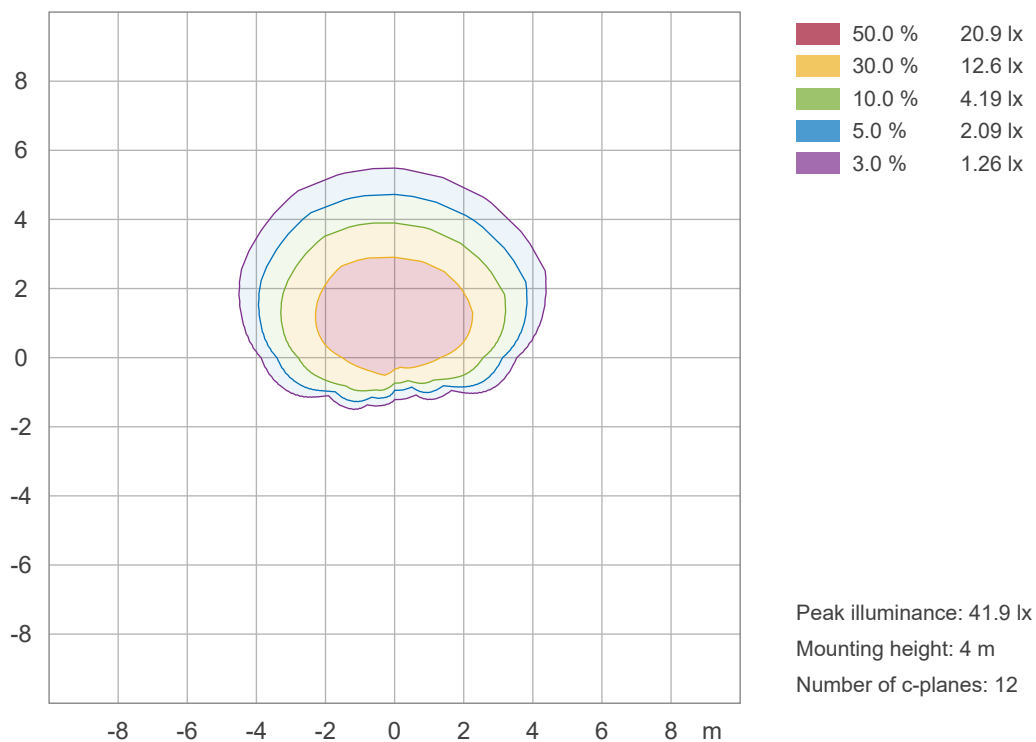
LAMPS (number of lamps)



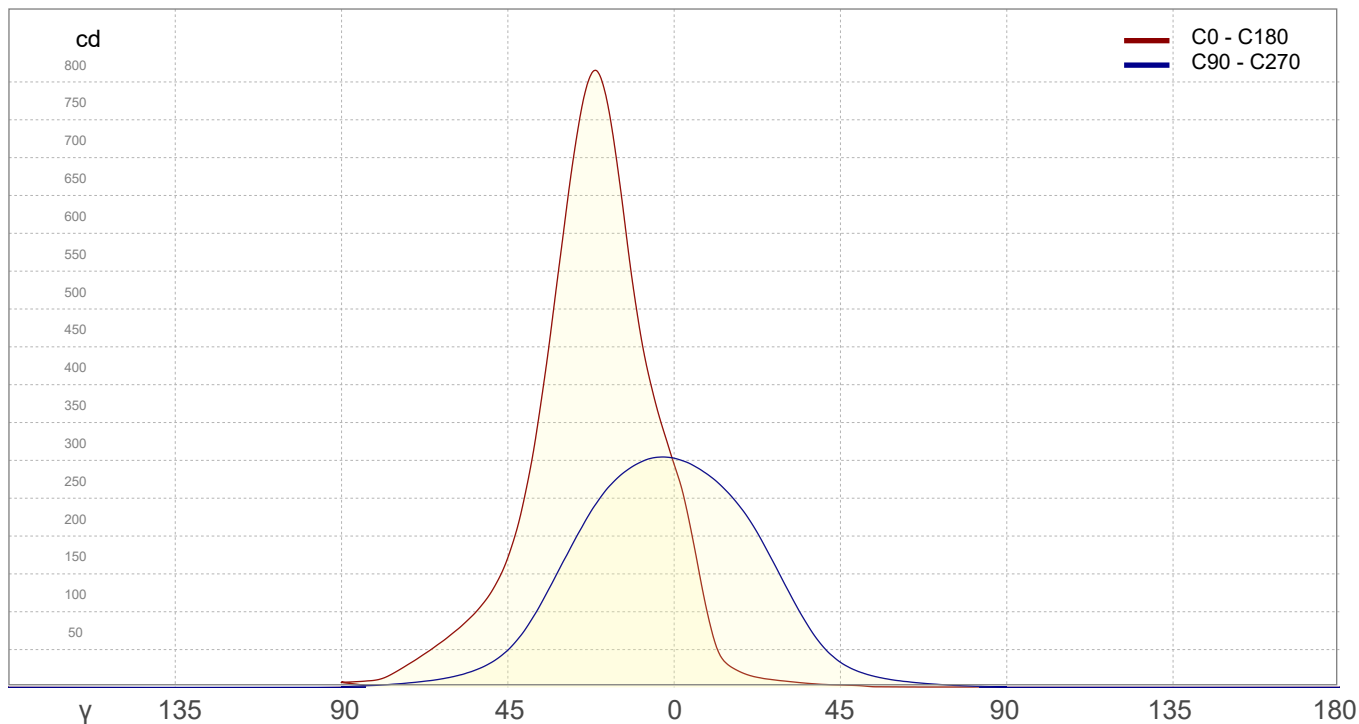
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

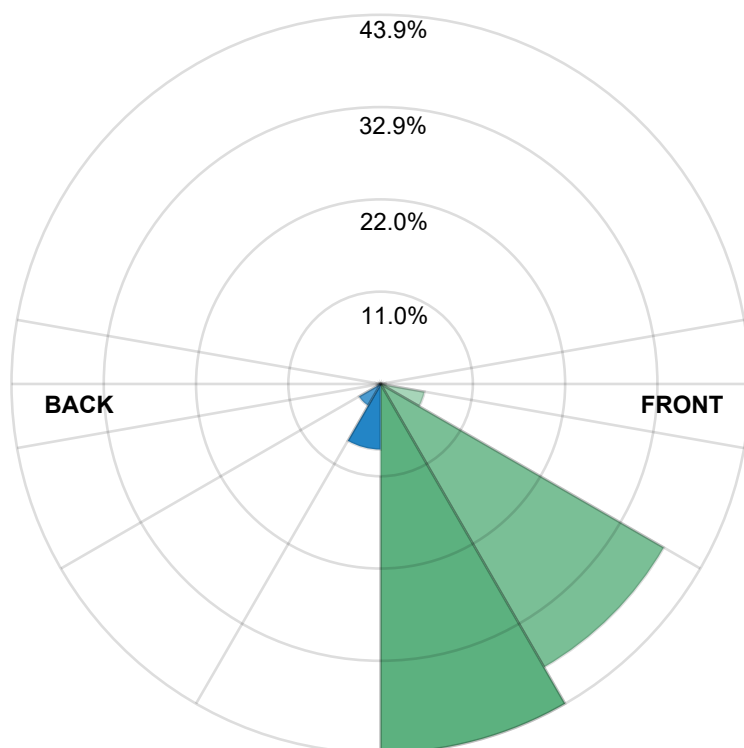


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	218.7 lm	43.9%
Medium (30-60°)	193.8 lm	38.9%
High (60-80°)	26.4 lm	5.3%
Very High (80-90°)	2.9 lm	0.6%

Back Light

Low (0-30°)	38.8 lm	7.8%
Medium (30-60°)	14.7 lm	3.0%
High (60-80°)	2.2 lm	0.4%
Very High (80-90°)	0.5 lm	0.1%

Uplight

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

Total

Sum	498.0 lm	100,0%
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