

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	30 W

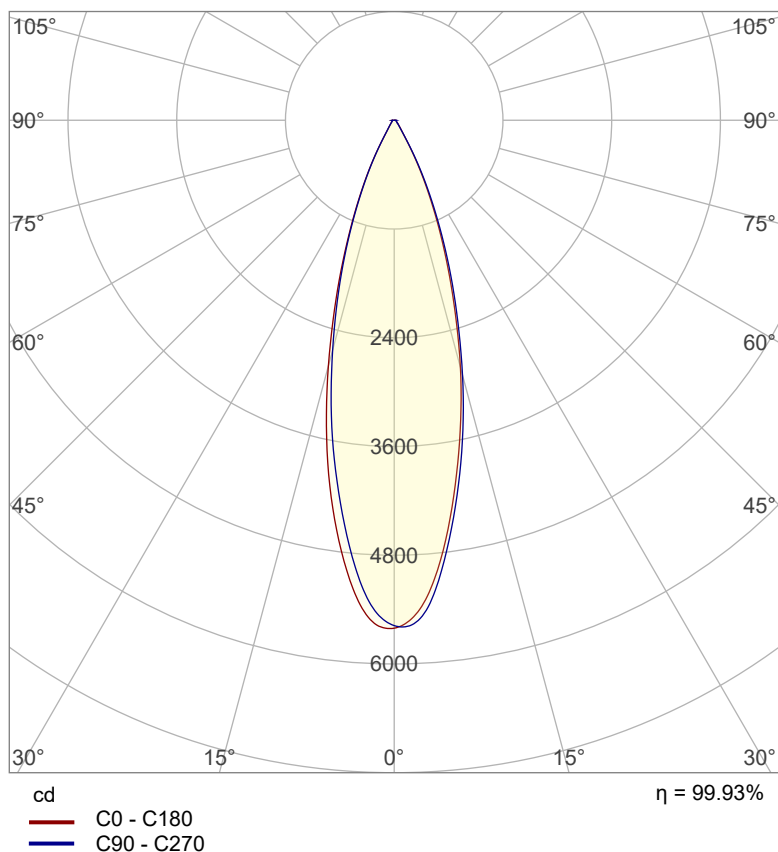
Tested Light Source

Luminaire	2021/4/7 14:10:26
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

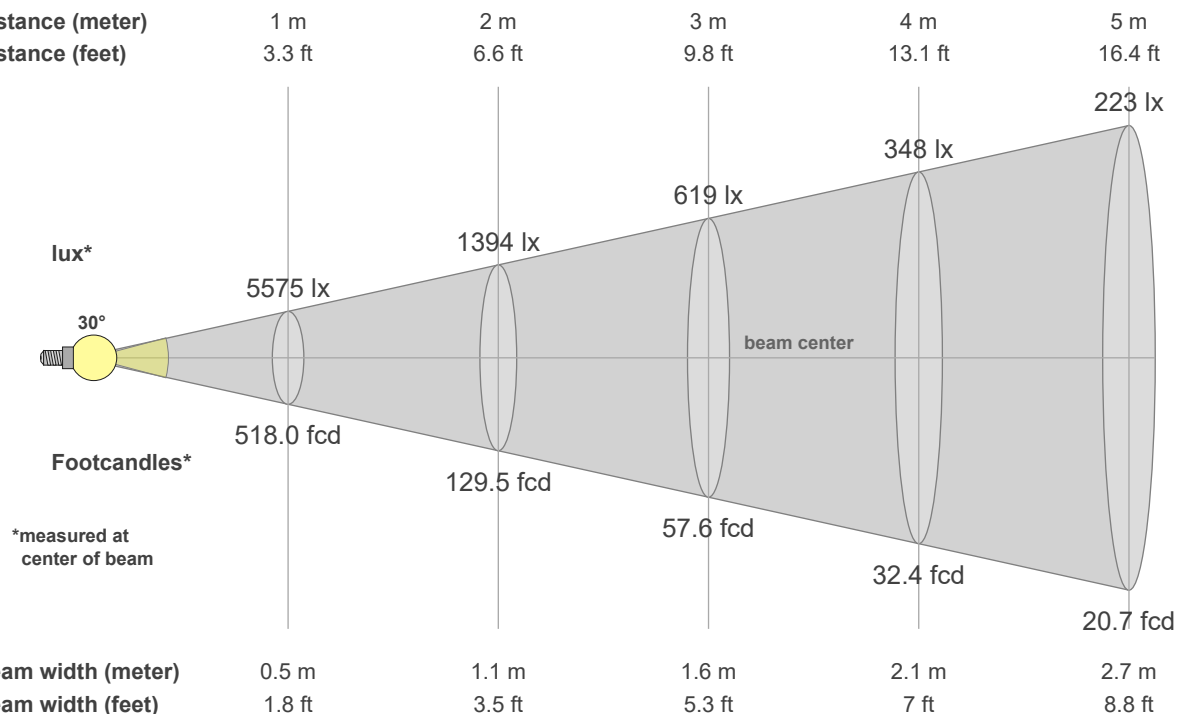
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	1867 lm – 0.0051% / 99.99%
Efficiency	62.24 lm/W
Peak Intensity	5605 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

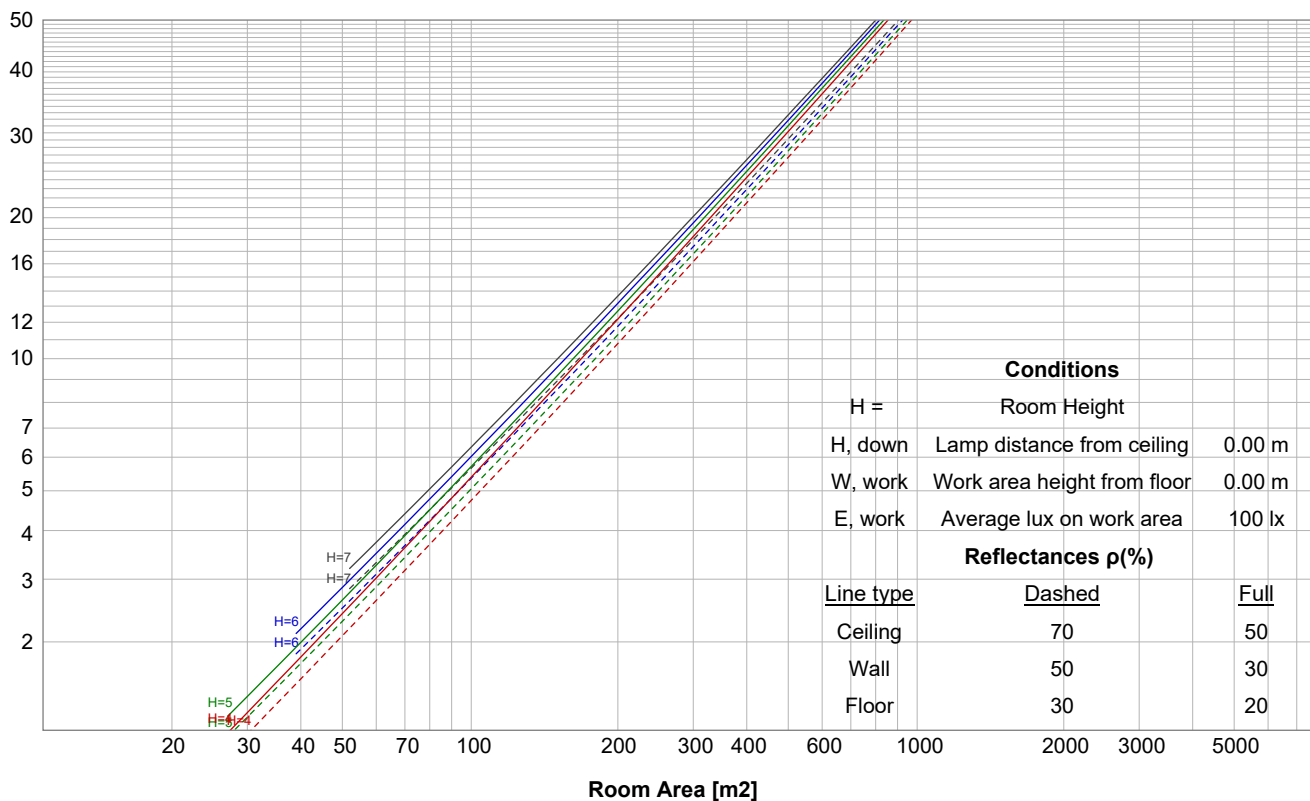


Beam details

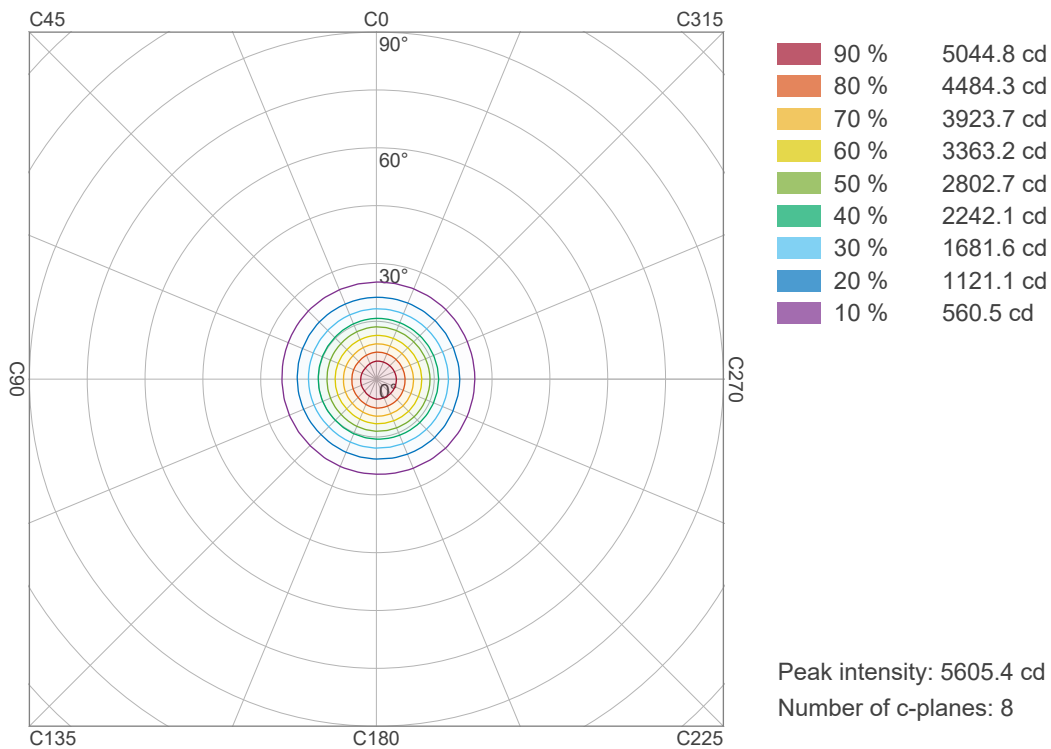


Luminaire budgetary diagram

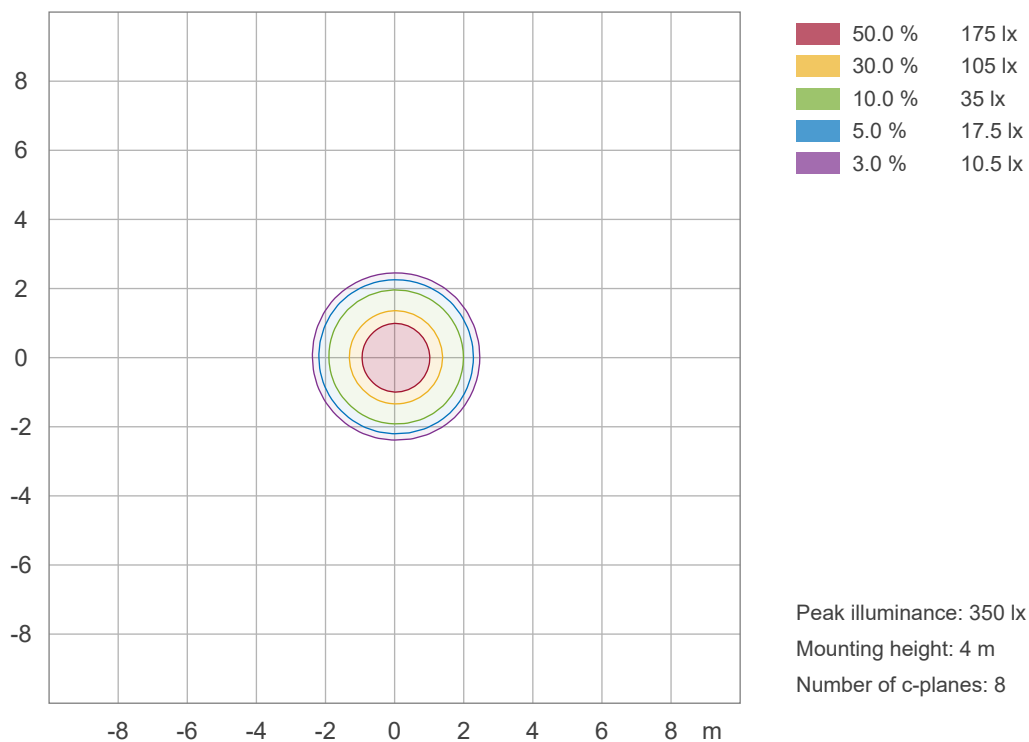
LAMPS (number of lamps)



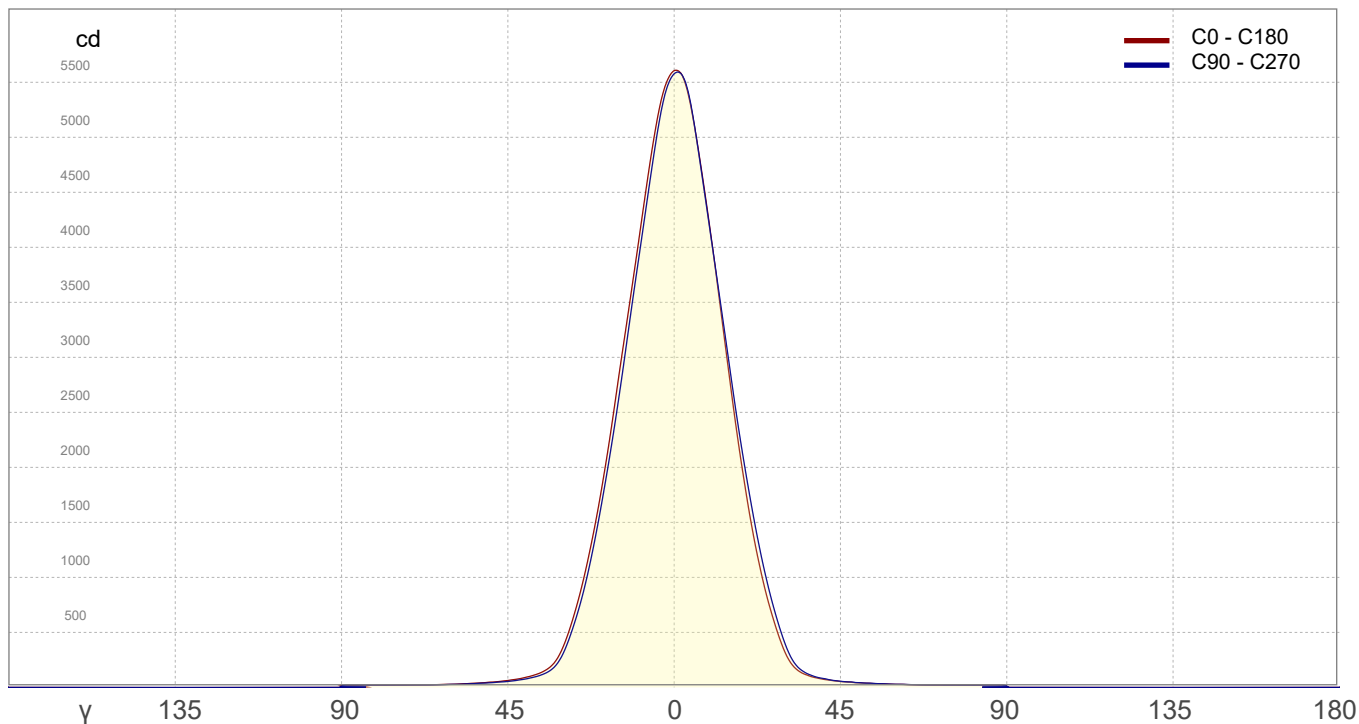
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

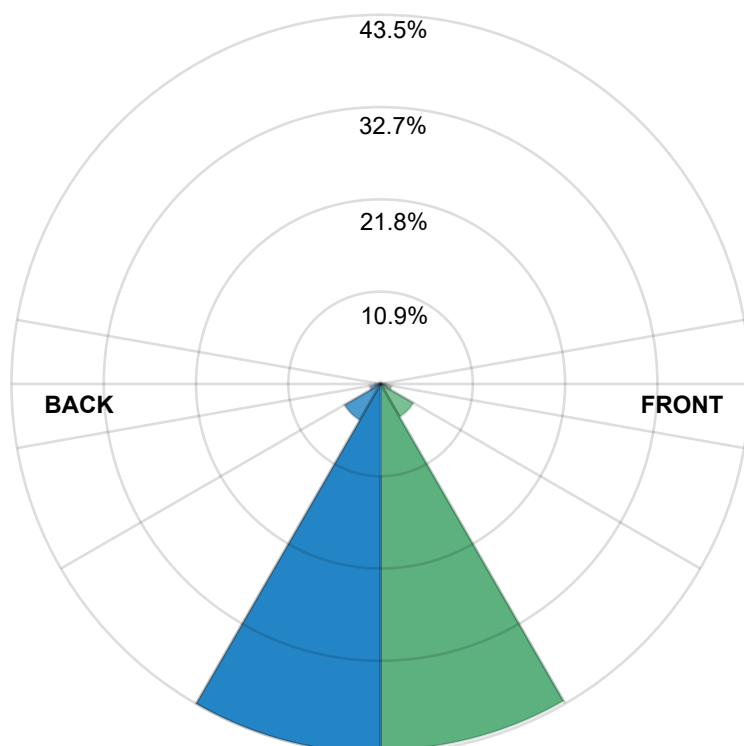


Linear intensity distribution diagram



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

BUG rating B2 U0 G1



Forward Light

Low (0-30°)	806.3 lm	43.2%
Medium (30-60°)	83.5 lm	4.5%
High (60-80°)	24.1 lm	1.3%
Very High (80-90°)	12.1 lm	0.6%

Back Light

Low (0-30°)	813.1 lm	43.5%
Medium (30-60°)	92.1 lm	4.9%
High (60-80°)	24.2 lm	1.3%
Very High (80-90°)	12.0 lm	0.6%

Uplight

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

Total

Sum	1867.3 lm	100,0%
-----	-----------	--------