

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

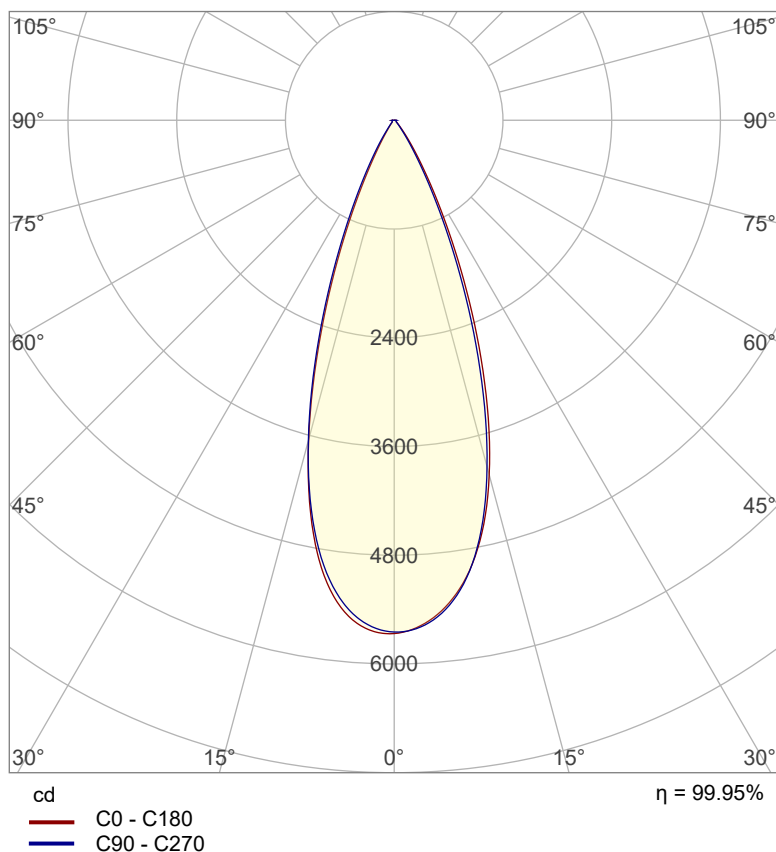
Tested Light Source

Luminaire	2021/4/25 16:16:39
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

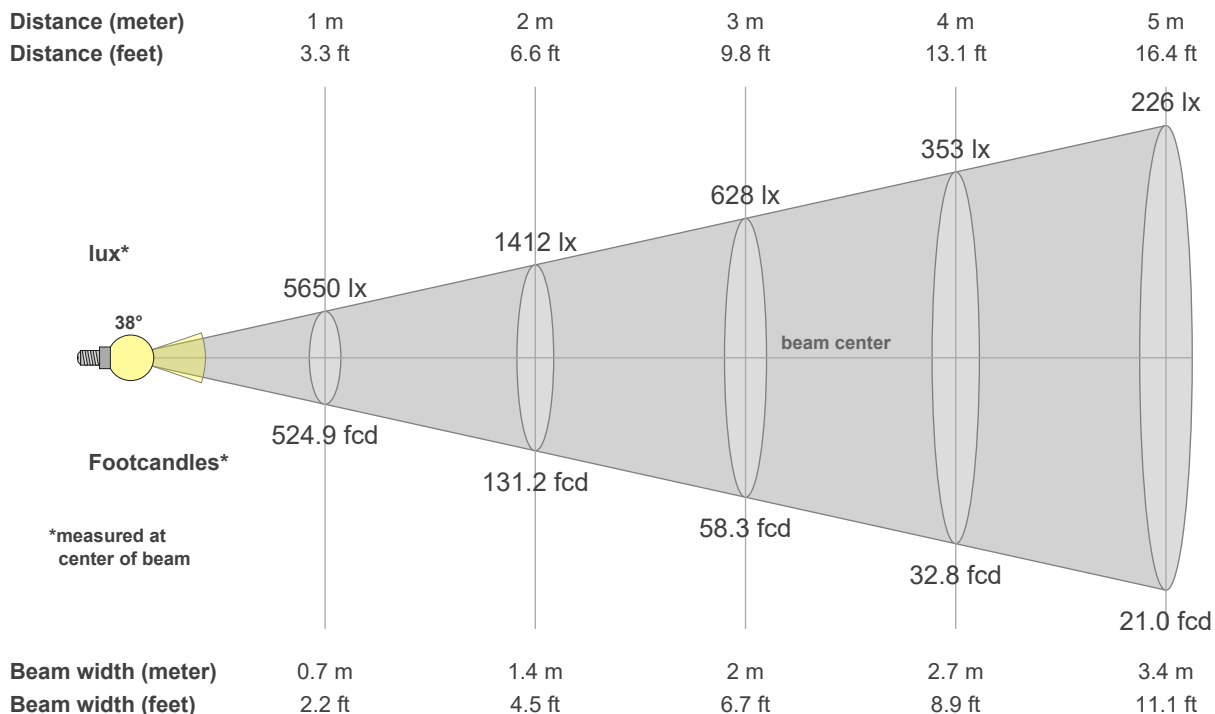
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2434 lm – 0.004% / 100%
Efficiency	60.85 lm/W
Peak Intensity	5665 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

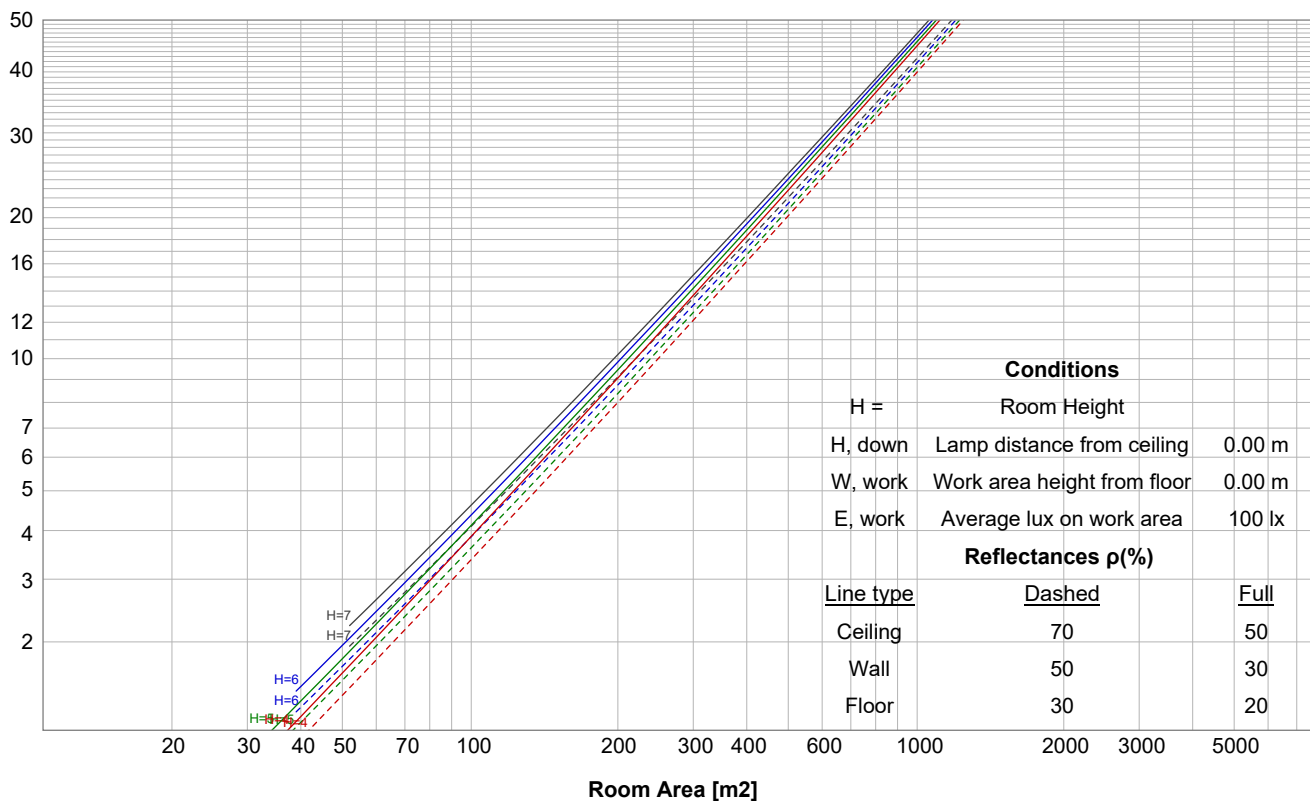


Beam details

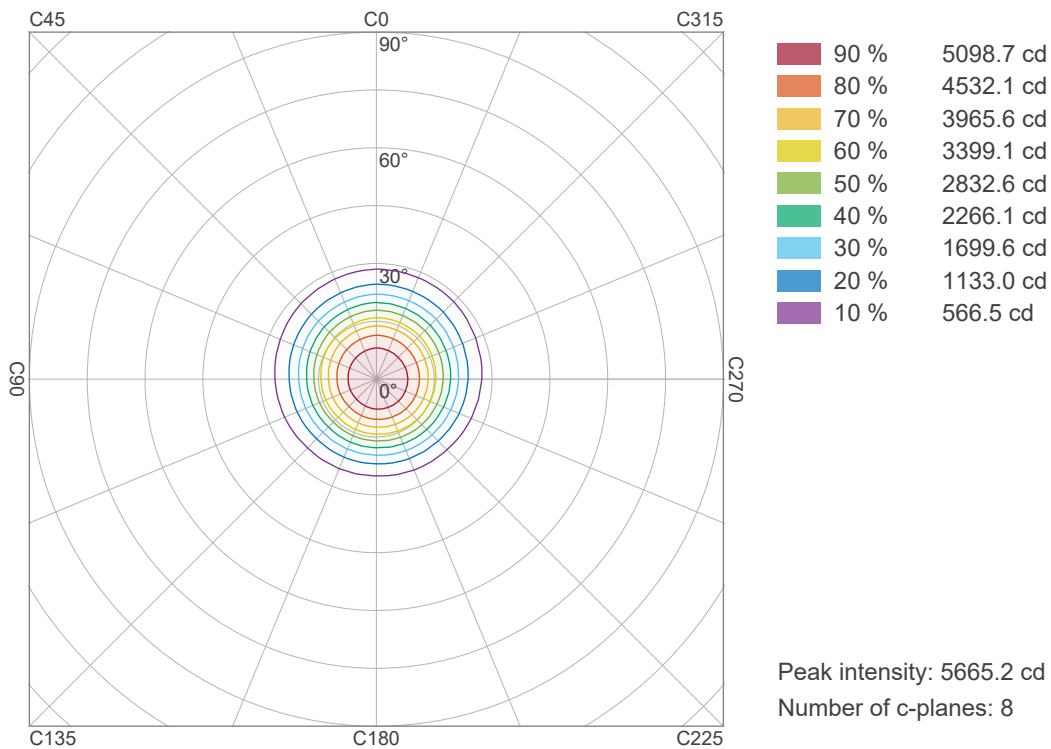


Luminaire budgetary diagram

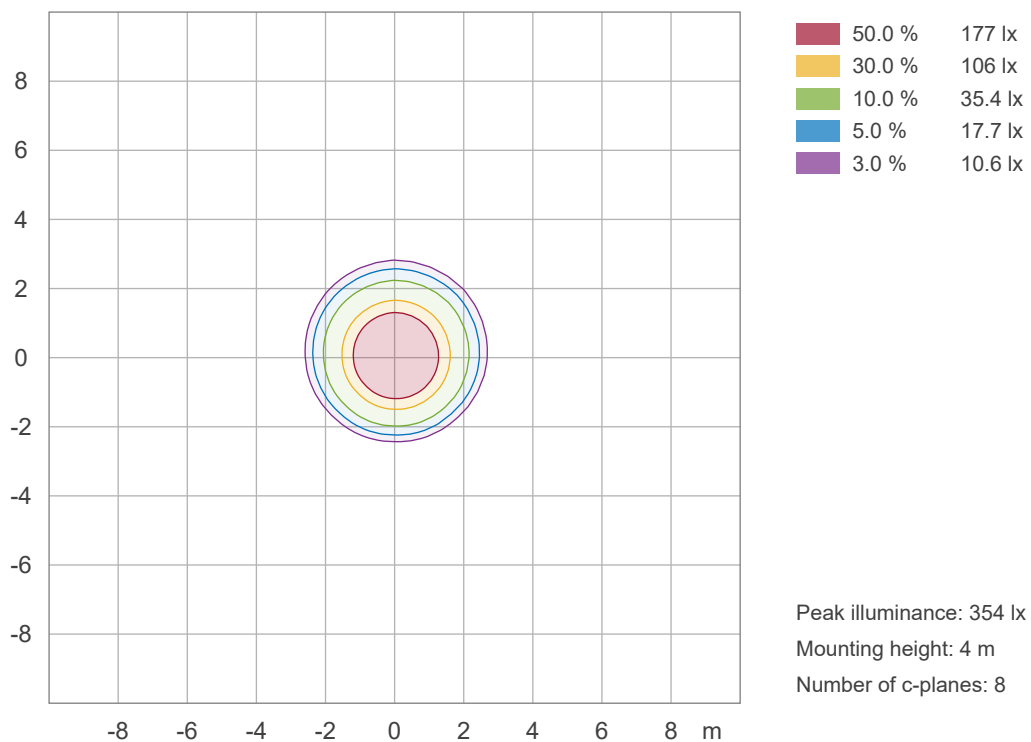
LAMPS (number of lamps)



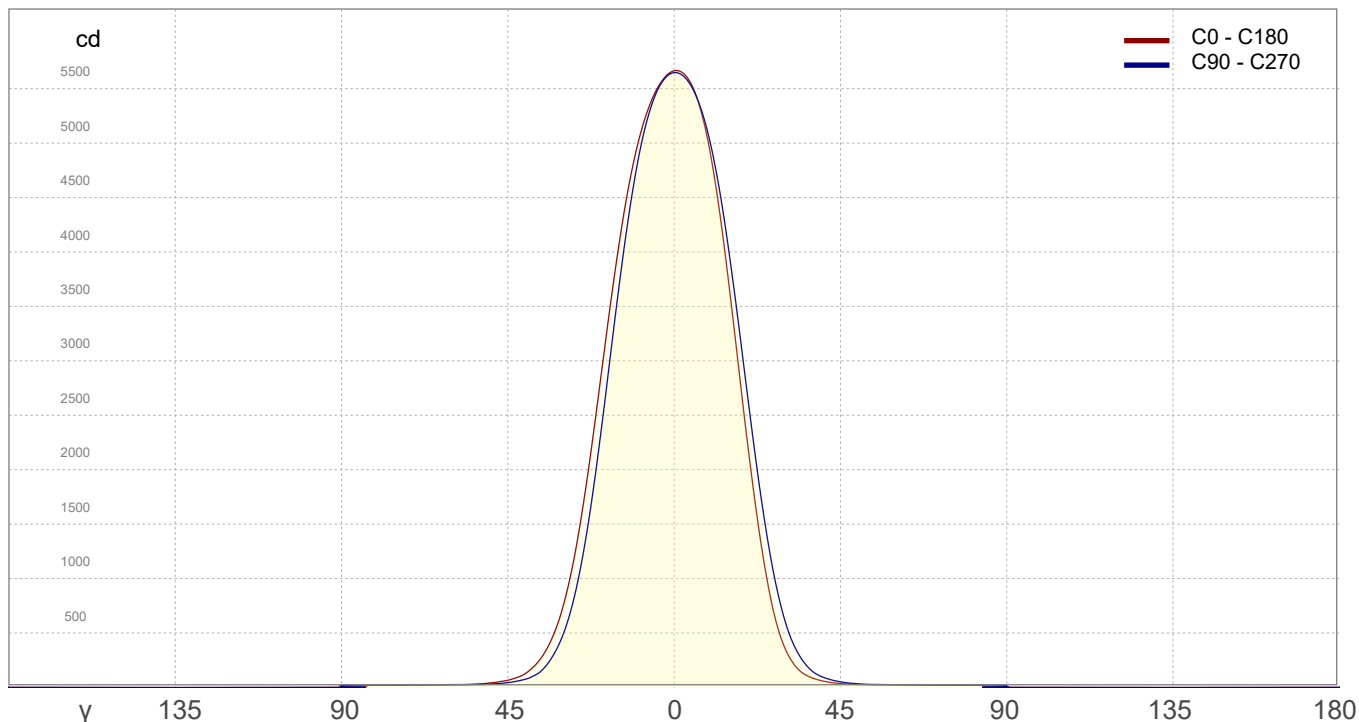
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

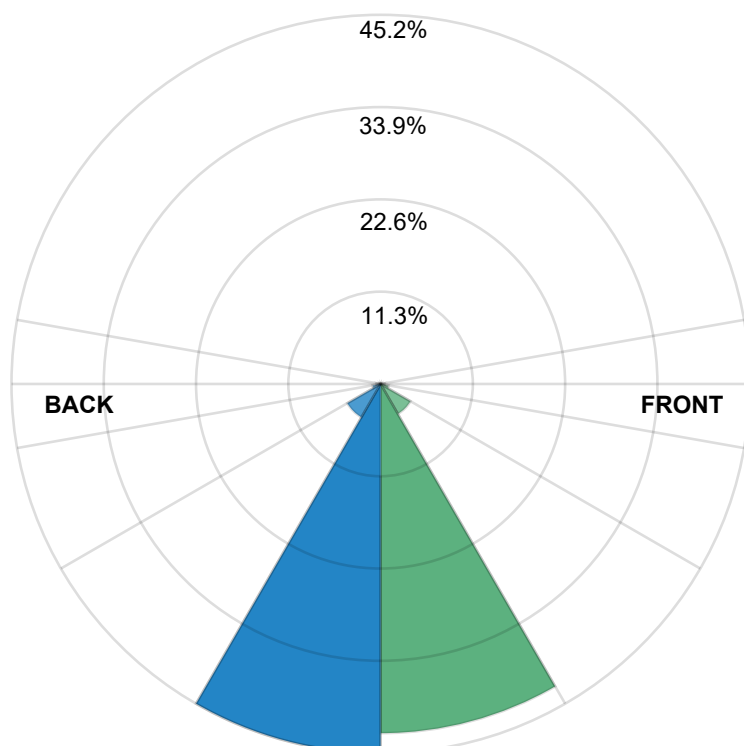


Linear intensity distribution diagram



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

BUG rating B3 U0 G1



Forward Light

Low (0-30°)	1041.8 lm	42.8%
Medium (30-60°)	103.0 lm	4.2%
High (60-80°)	24.2 lm	1.0%
Very High (80-90°)	12.4 lm	0.5%

Back Light

Low (0-30°)	1101.2 lm	45.2%
Medium (30-60°)	114.6 lm	4.7%
High (60-80°)	24.3 lm	1.0%
Very High (80-90°)	12.4 lm	0.5%

Uplight

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

Total

Sum	2434.0 lm	100,0%
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