

Laboratory and Equipment

Test lab	EVERFINE
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	7/14/2026

Measurement Conditions

Tested c-planes	24
Tested gamma angles	361 – 0.50°
Input Power	43.6 W

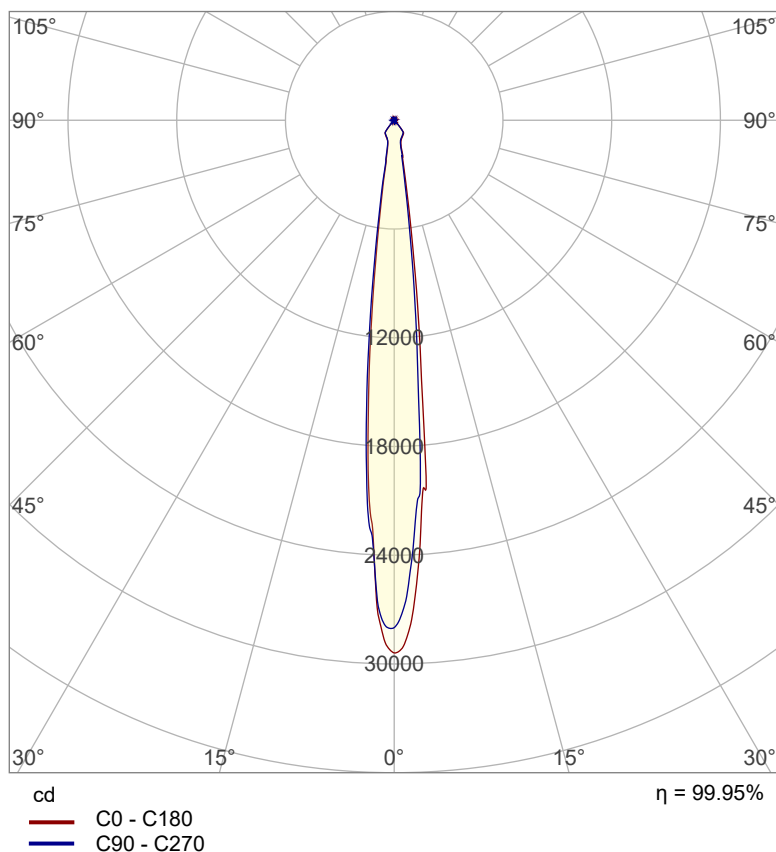
Tested Light Source

Luminaire	
Basic Luminous Shape	SPOT
Item No.	
Manufacturer	Moon On Noon

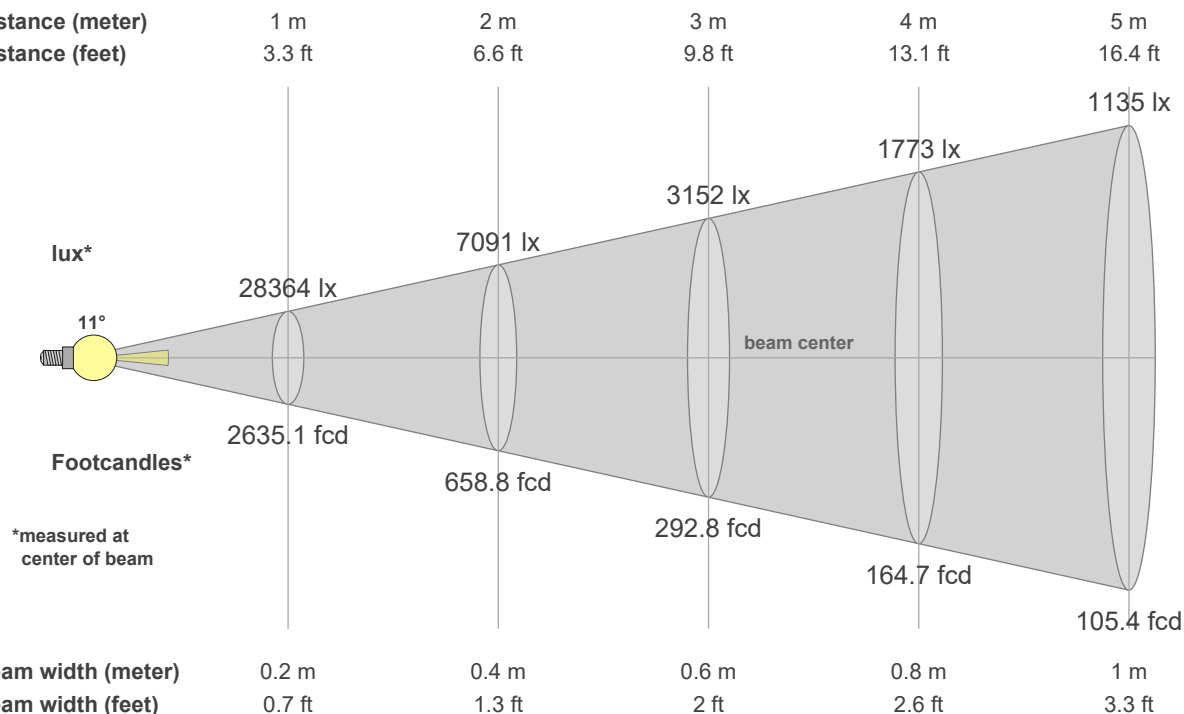
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2749 lm – 0.1721% / 99.83%
Efficiency	63.05 lm/W
Peak Intensity	29.39 kcd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

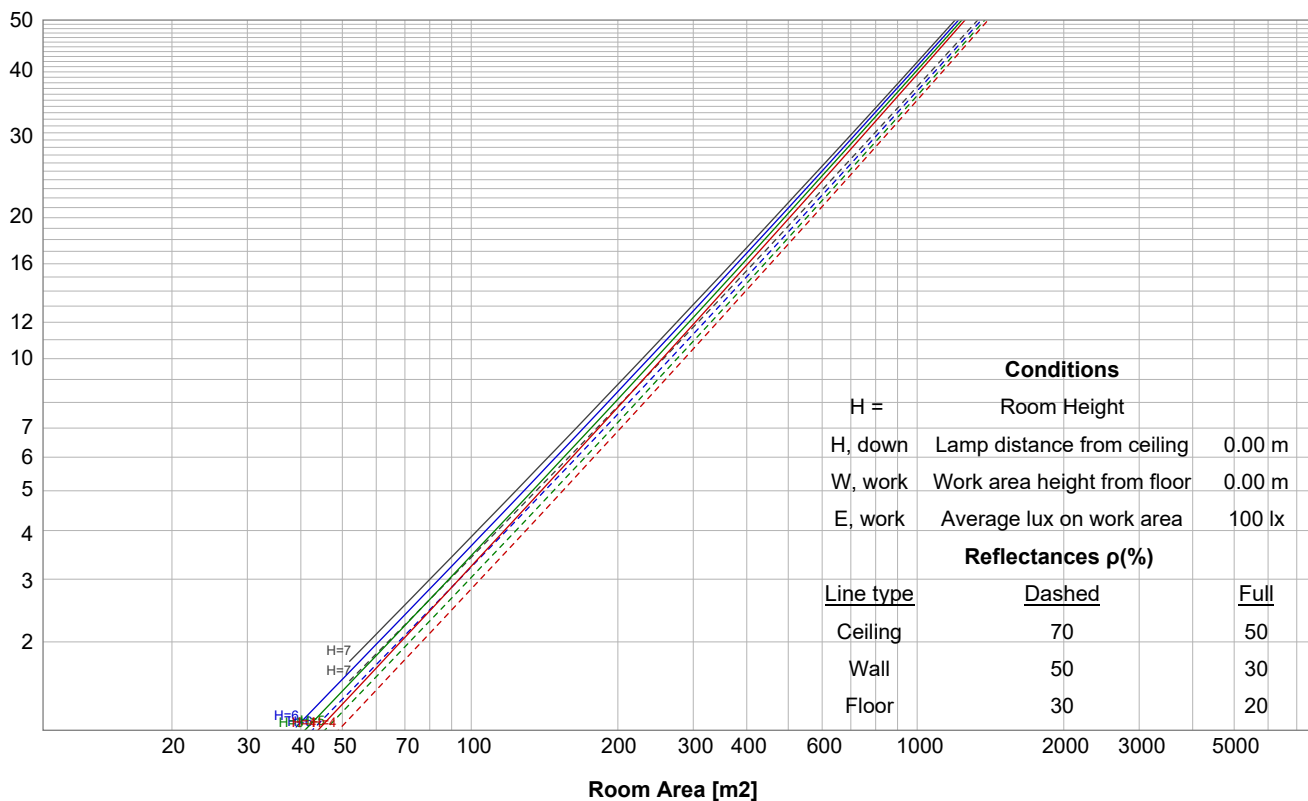


Beam details

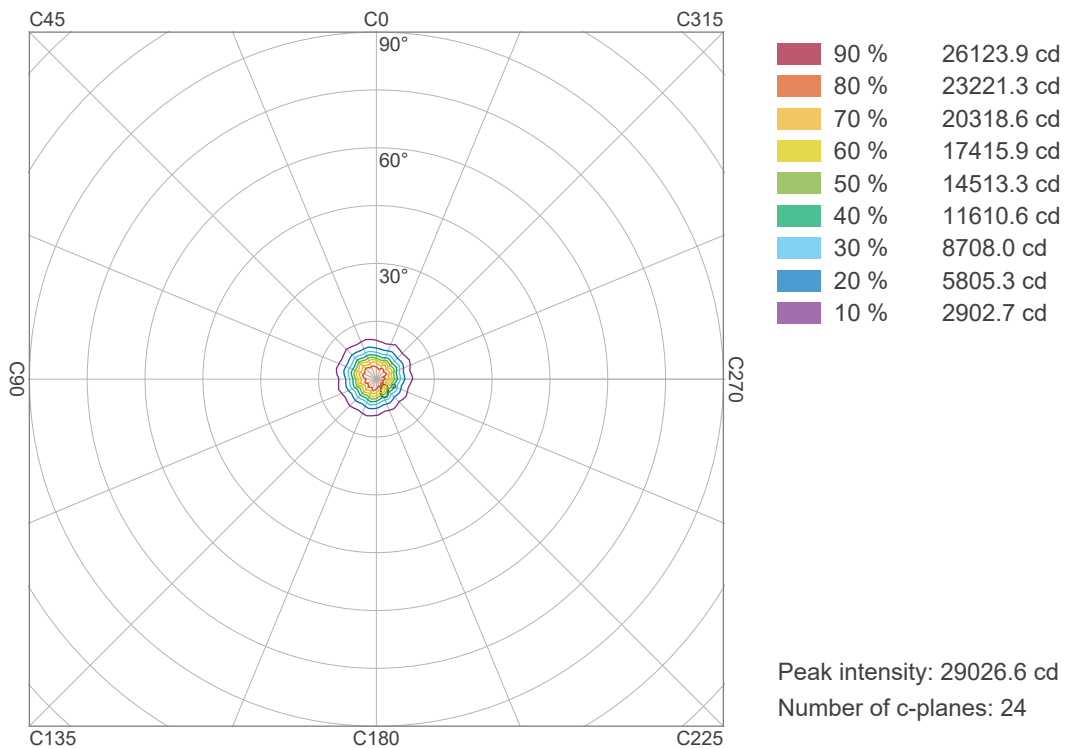


Luminaire budgetary diagram

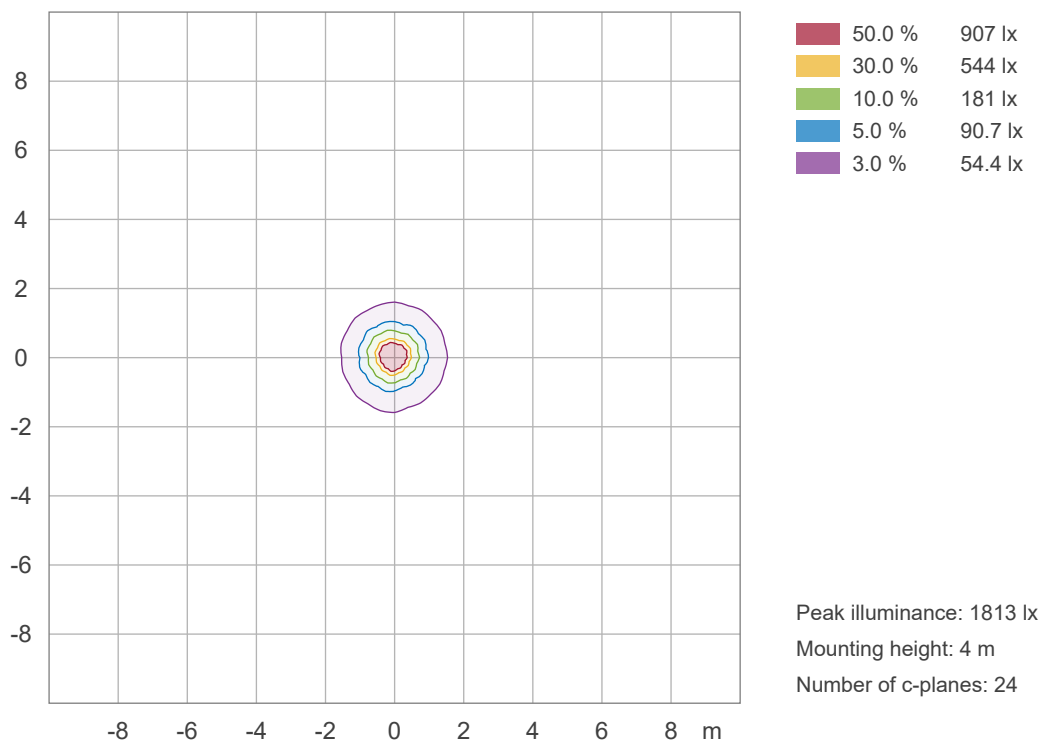
LAMPS (number of lamps)



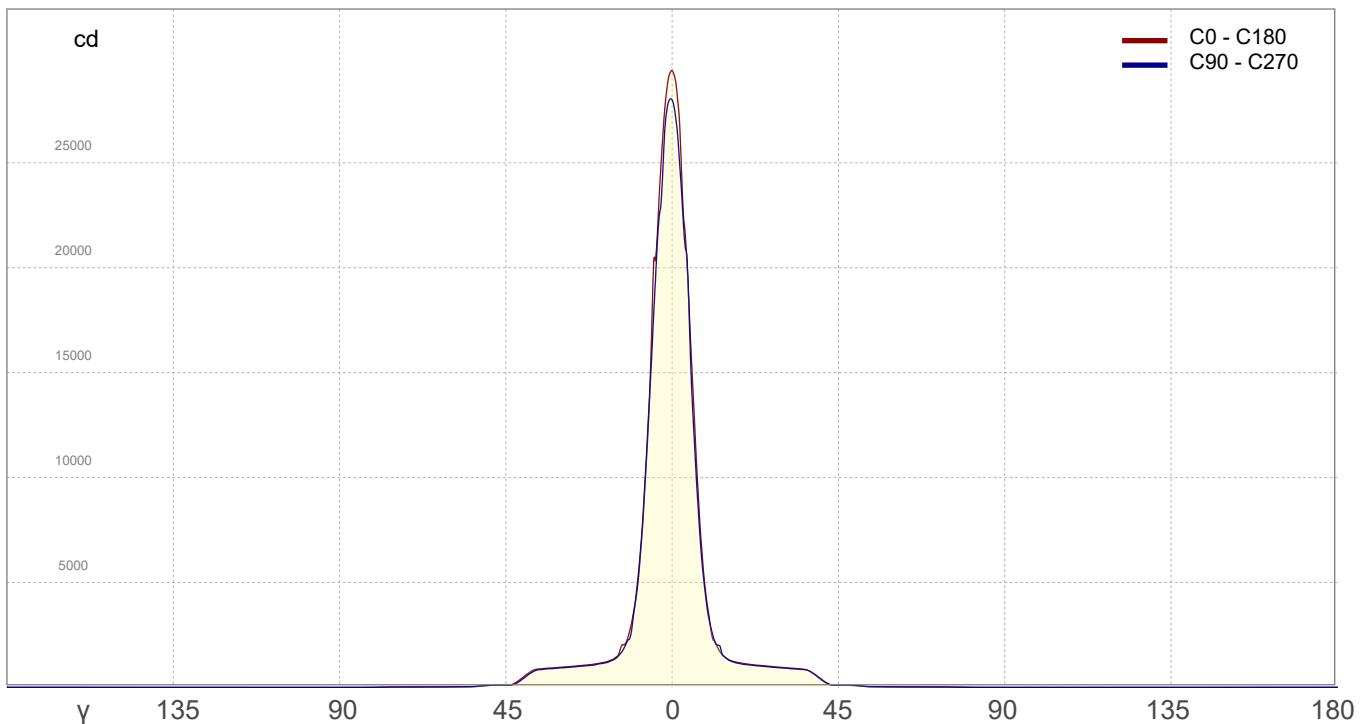
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

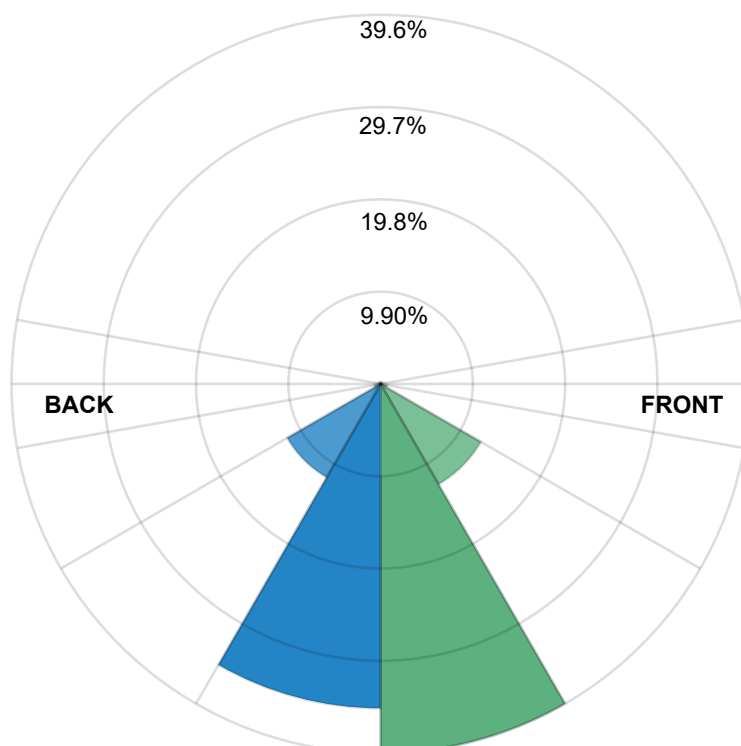


Linear intensity distribution diagram



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

BUG rating B2 U1 G0



Forward Light

Low (0-30°)	1088.5 lm	39.6%
Medium (30-60°)	341.7 lm	12.4%
High (60-80°)	19.2 lm	0.7%
Very High (80-90°)	1.1 lm	0.0%

Back Light

Low (0-30°)	956.4 lm	34.8%
Medium (30-60°)	318.2 lm	11.6%
High (60-80°)	18.5 lm	0.7%
Very High (80-90°)	0.8 lm	0.0%

Uplight

Low (90-100°)	0.3 lm	0.01%
High (100-180°)	4.4 lm	0.2%

Total

Sum	2749.2 lm	100,0%
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