

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	44.1 W

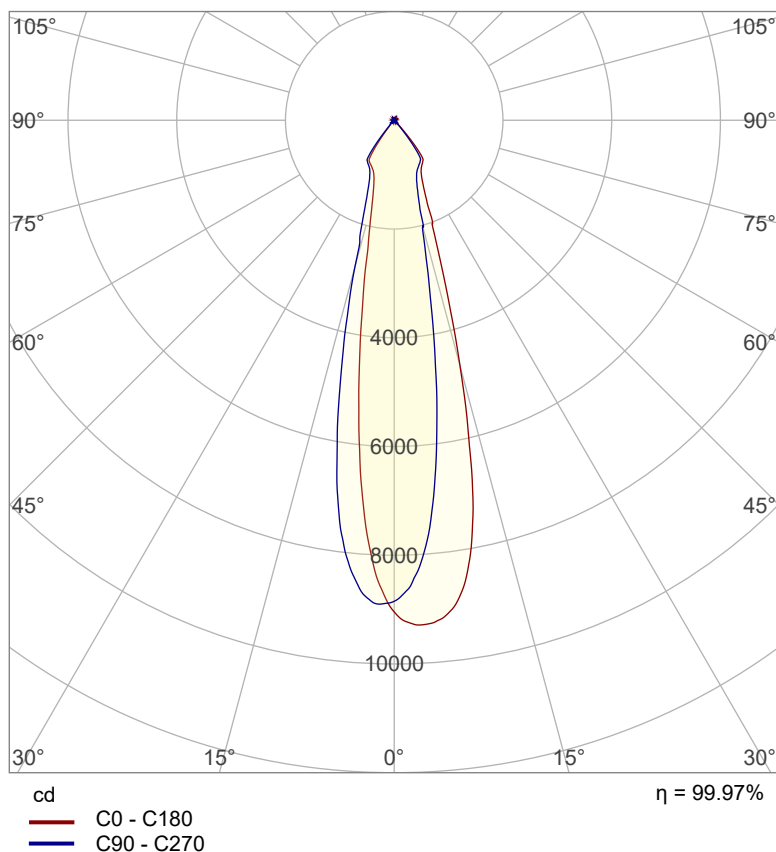
Tested Light Source

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

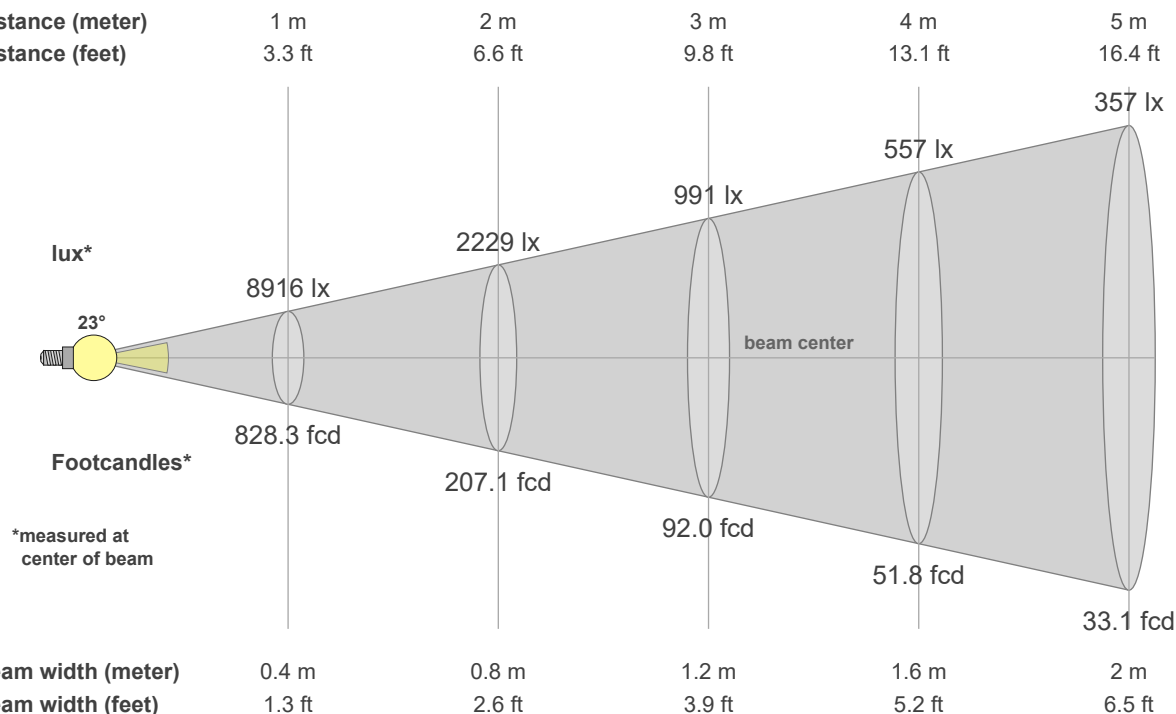
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	2630 lm – 0.1962% / 99.8%
Efficiency	59.64 lm/W
Peak Intensity	9295 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

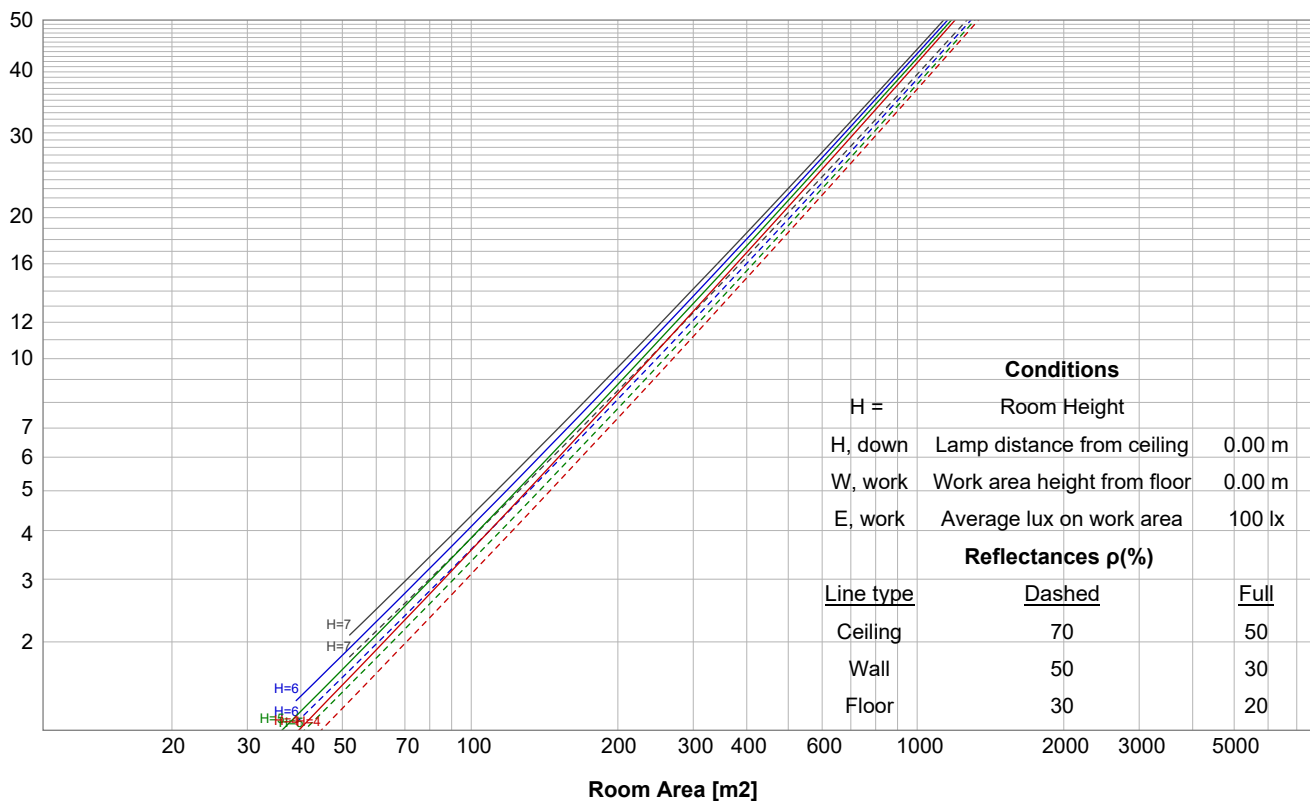


Beam details

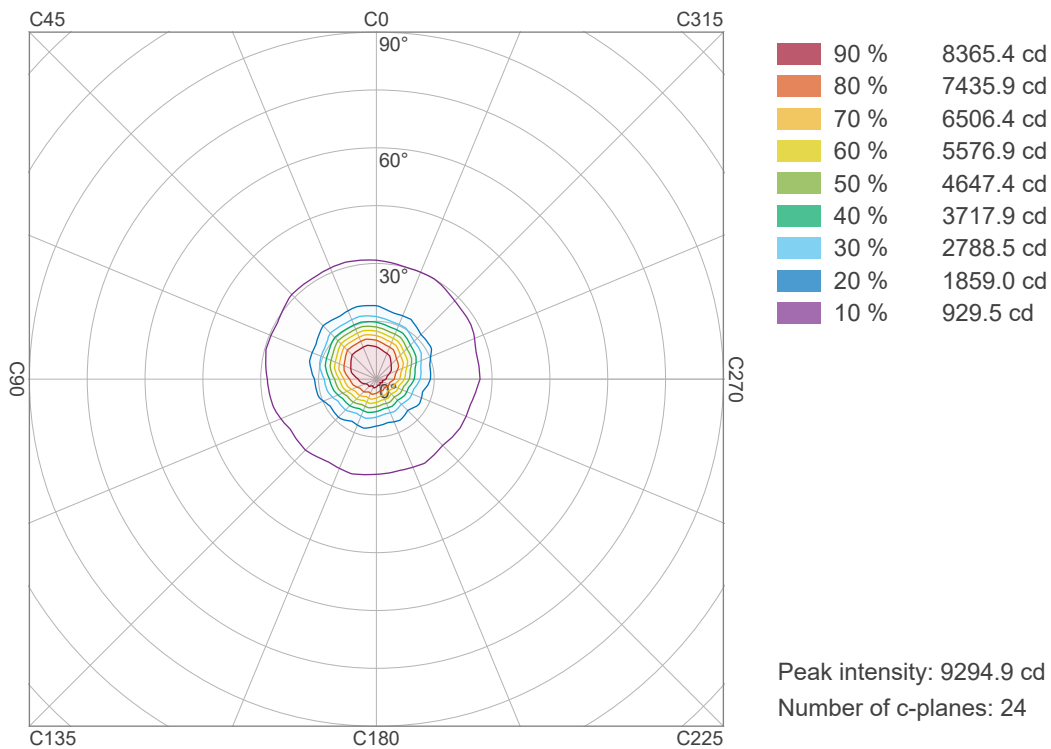


Luminaire budgetary diagram

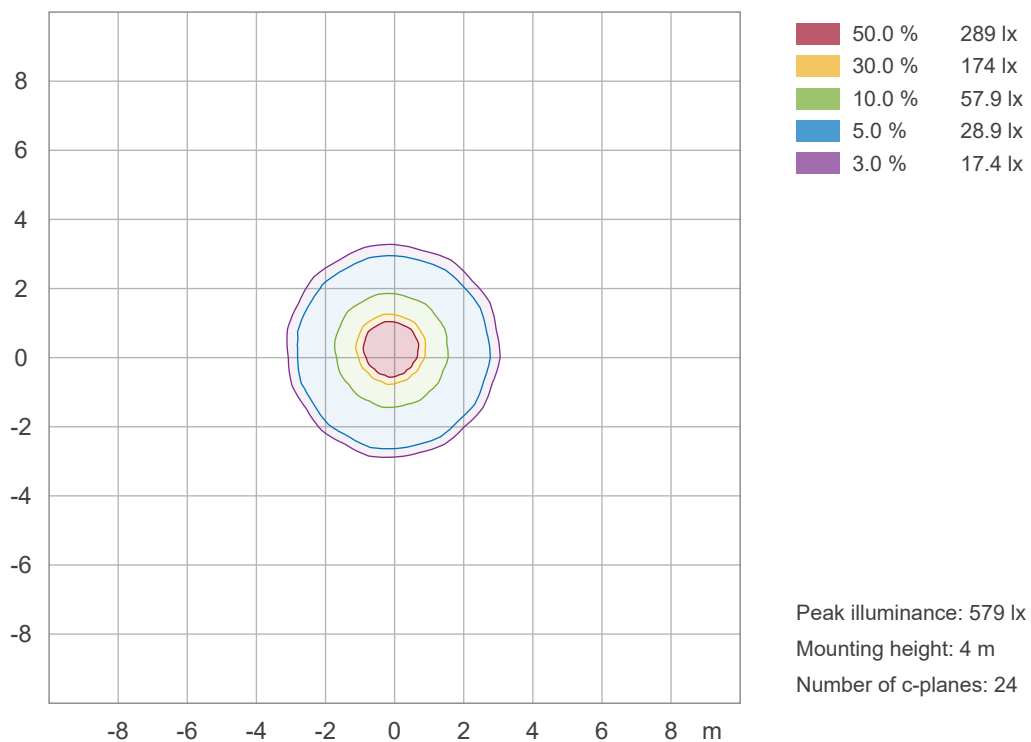
LAMPS (number of lamps)



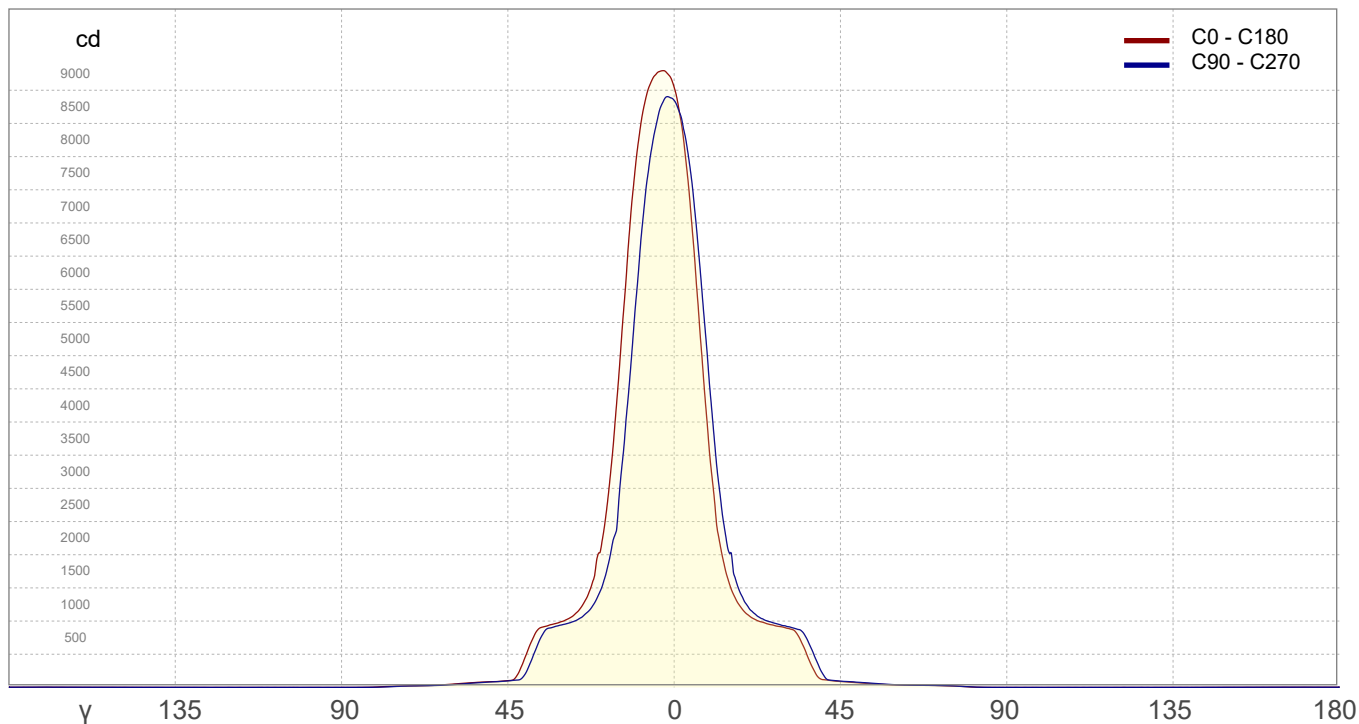
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

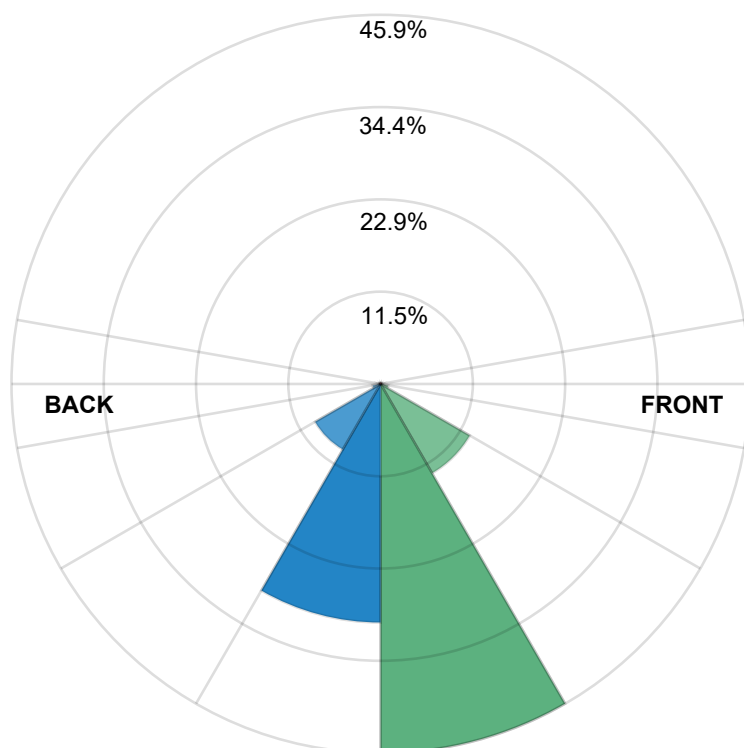


Linear intensity distribution diagram



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

BUG rating B2 U1 G0



Forward Light

Low (0-30°)	1207.0 lm	45.9%
Medium (30-60°)	336.8 lm	12.8%
High (60-80°)	25.3 lm	1.0%
Very High (80-90°)	1.1 lm	0.0%

Back Light

Low (0-30°)	780.0 lm	29.7%
Medium (30-60°)	247.2 lm	9.4%
High (60-80°)	26.4 lm	1.0%
Very High (80-90°)	0.9 lm	0.0%

Uplight

Low (90-100°)	0.4 lm	0.01%
High (100-180°)	4.8 lm	0.2%

Total

Sum	2630.3 lm	100,0%
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