

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	91.75 W

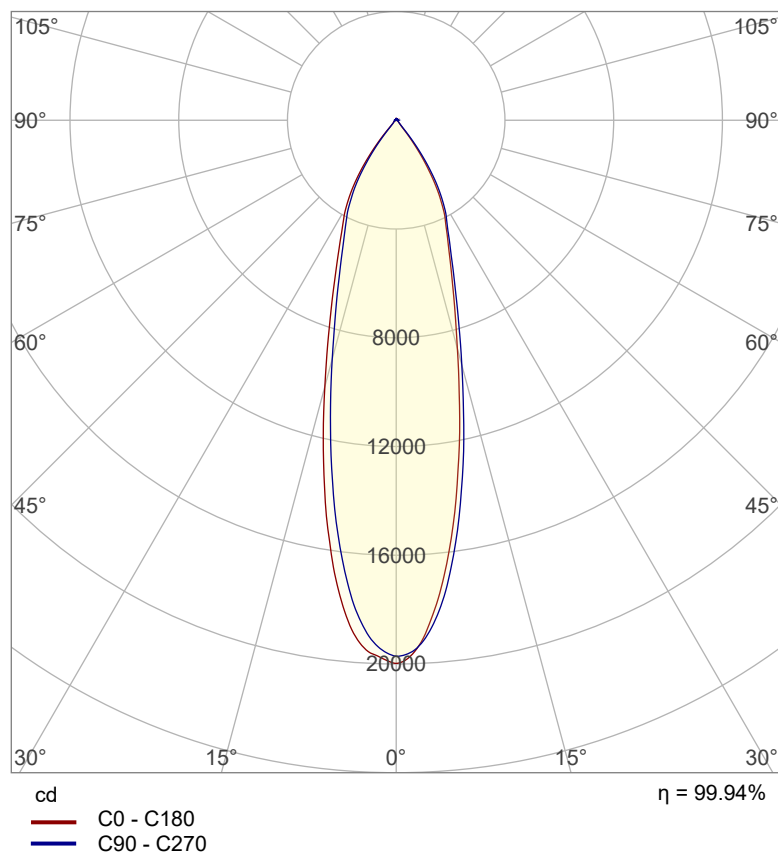
Tested Light Source

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

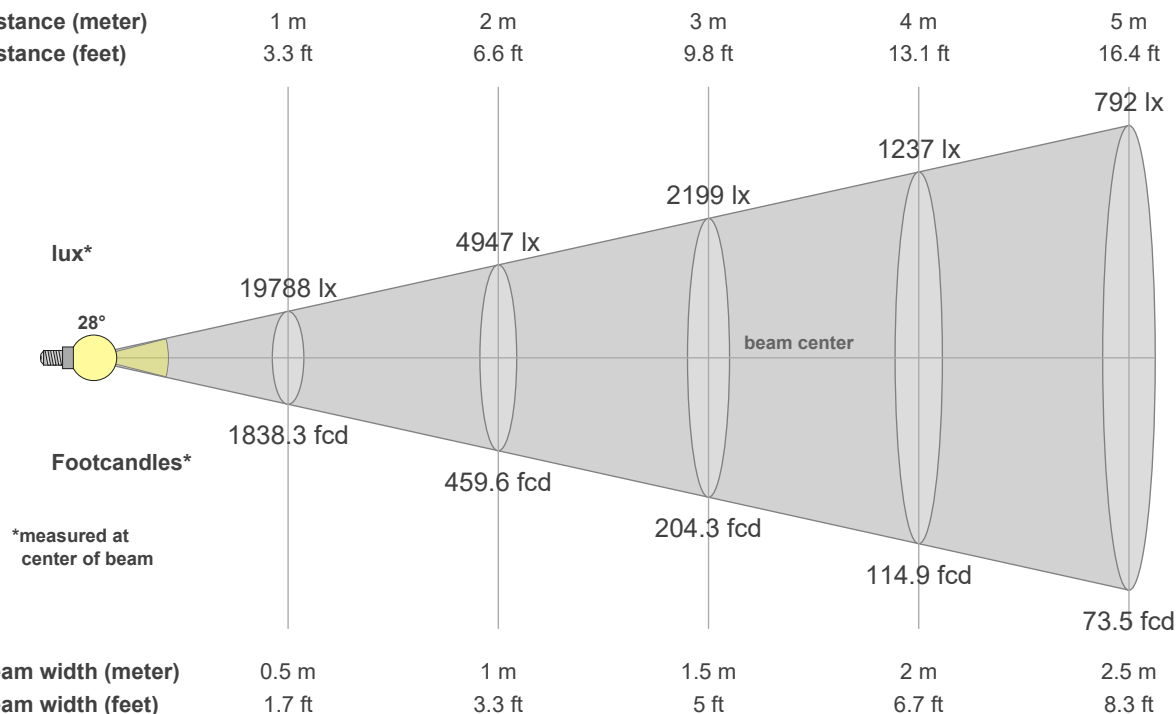
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	7968 lm – 1.484% / 98.52%
Efficiency	86.85 lm/W
Peak Intensity	19.98 kcd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

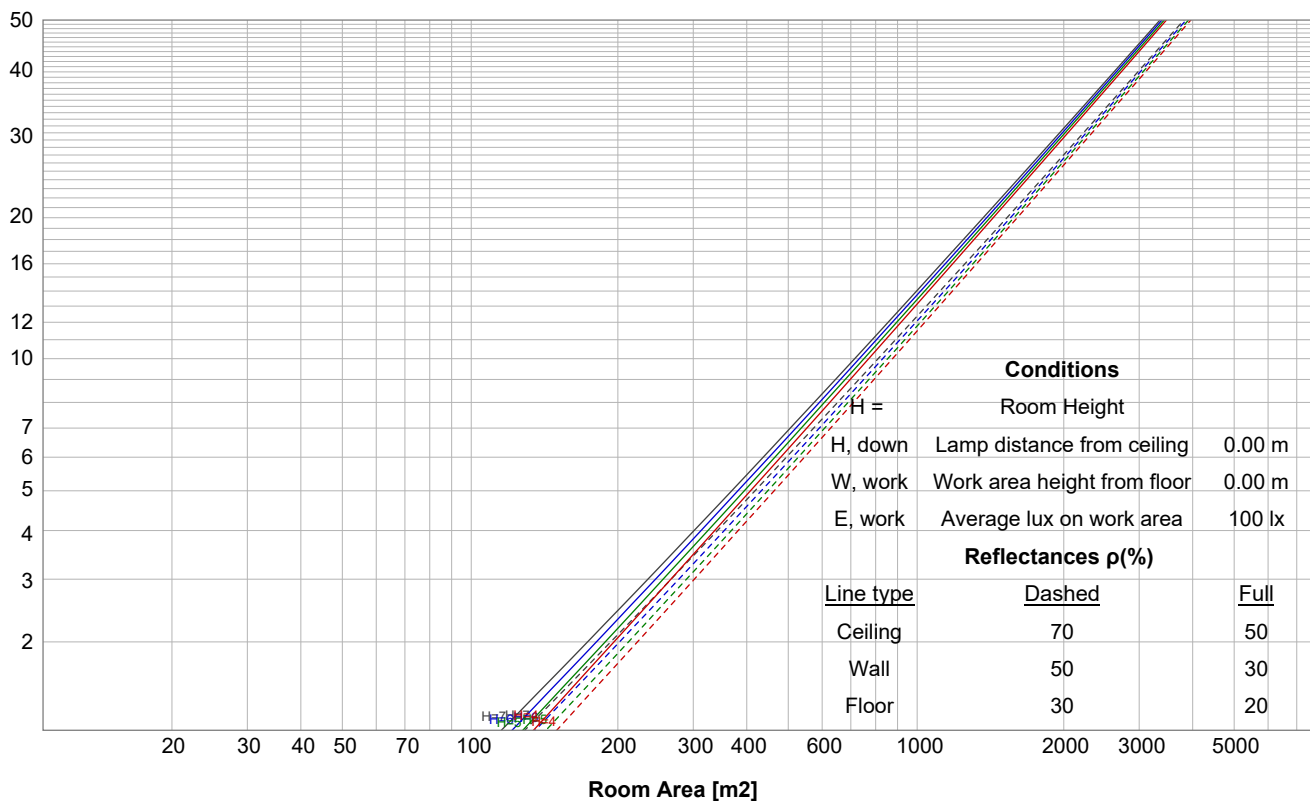


Beam details

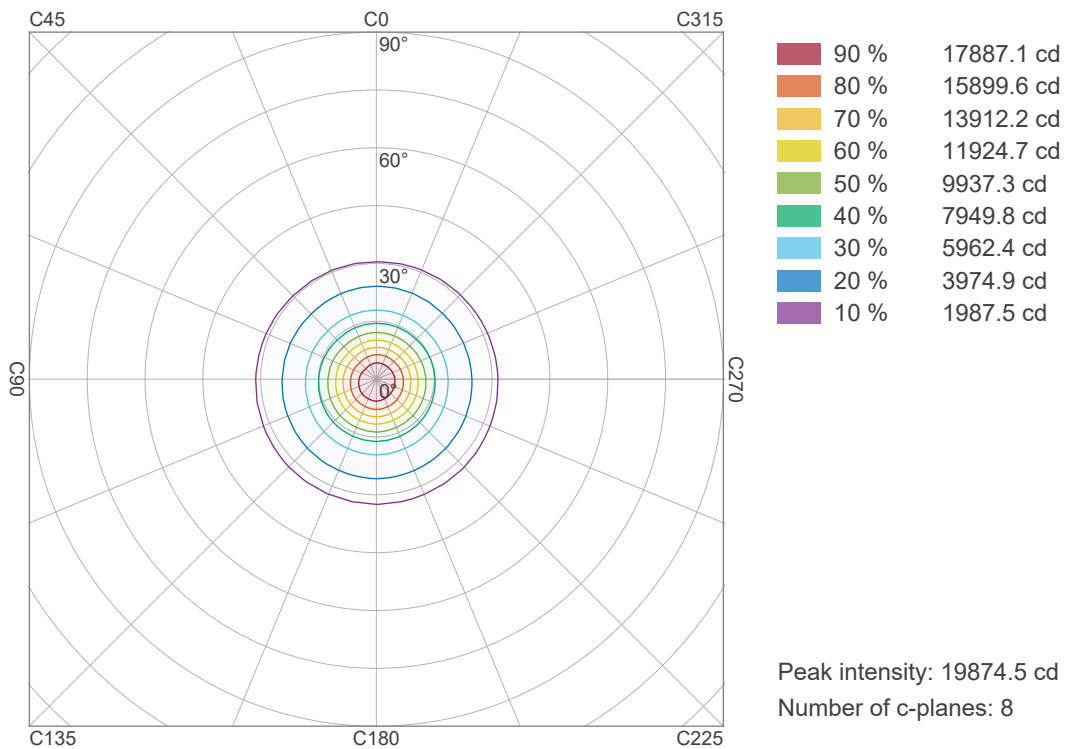


Luminaire budgetary diagram

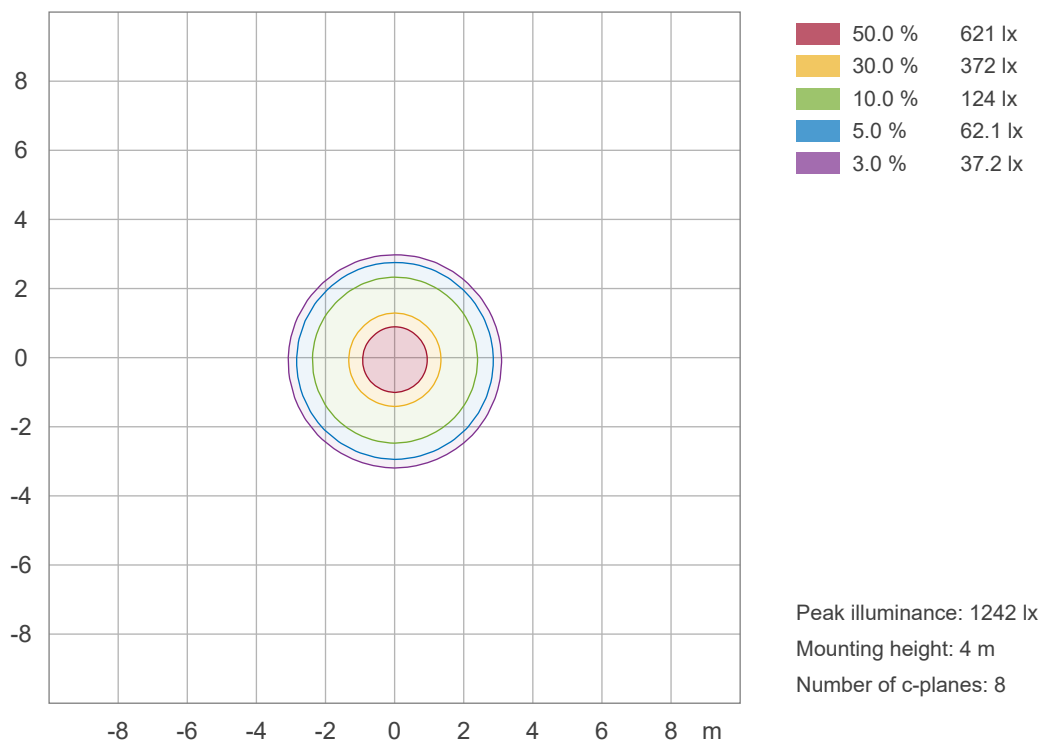
LAMPS (number of lamps)



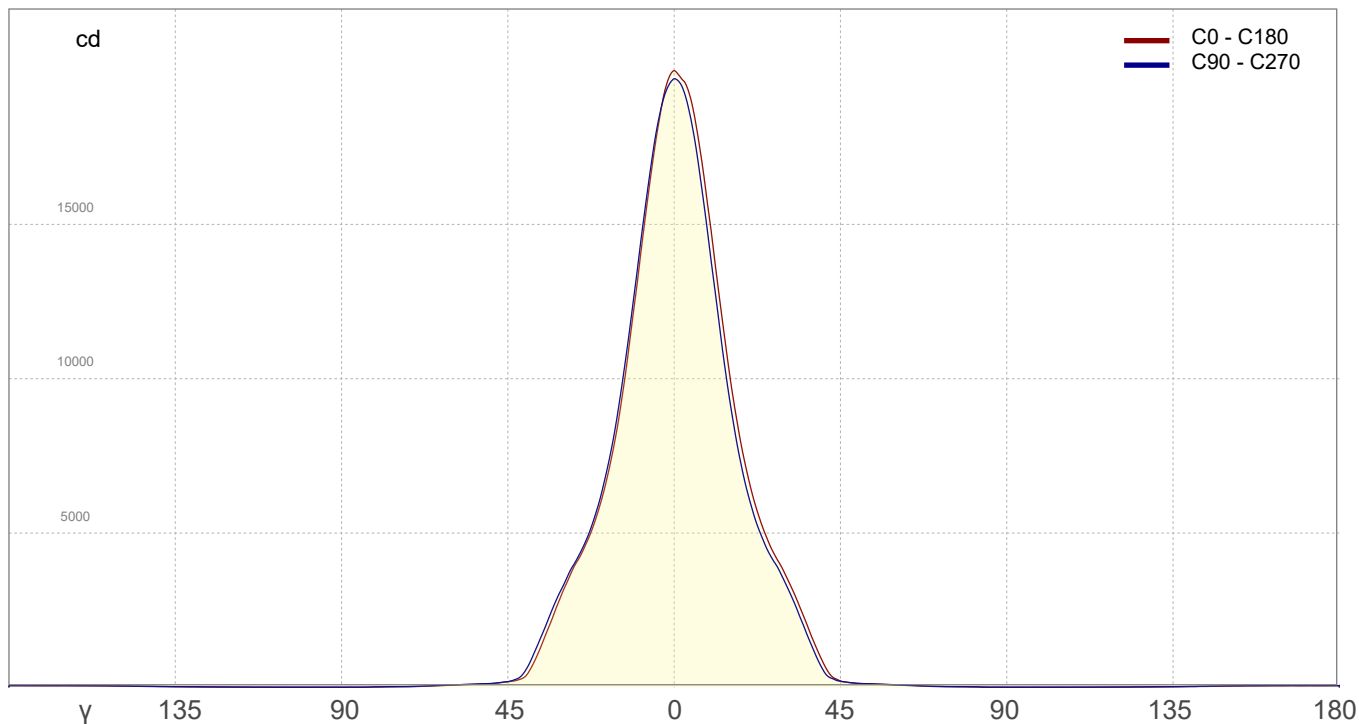
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

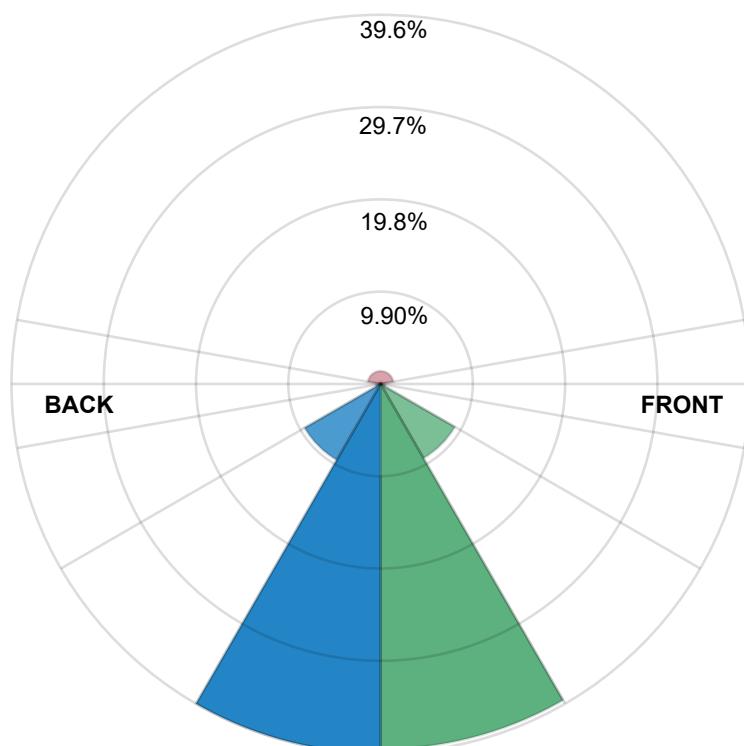


Linear intensity distribution diagram



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

BUG rating B4 U3 G0



Forward Light

Low (0-30°)	3121.6 lm	39.2%
Medium (30-60°)	733.2 lm	9.2%
High (60-80°)	39.4 lm	0.5%
Very High (80-90°)	4.9 lm	0.1%

Back Light

Low (0-30°)	3156.0 lm	39.6%
Medium (30-60°)	750.4 lm	9.4%
High (60-80°)	39.8 lm	0.5%
Very High (80-90°)	5.0 lm	0.1%

Uplight

Low (90-100°)	6.9 lm	0.09%
High (100-180°)	111.4 lm	1.4%

Total

Sum	7968.4 lm	100,0%
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