

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	27.79 W

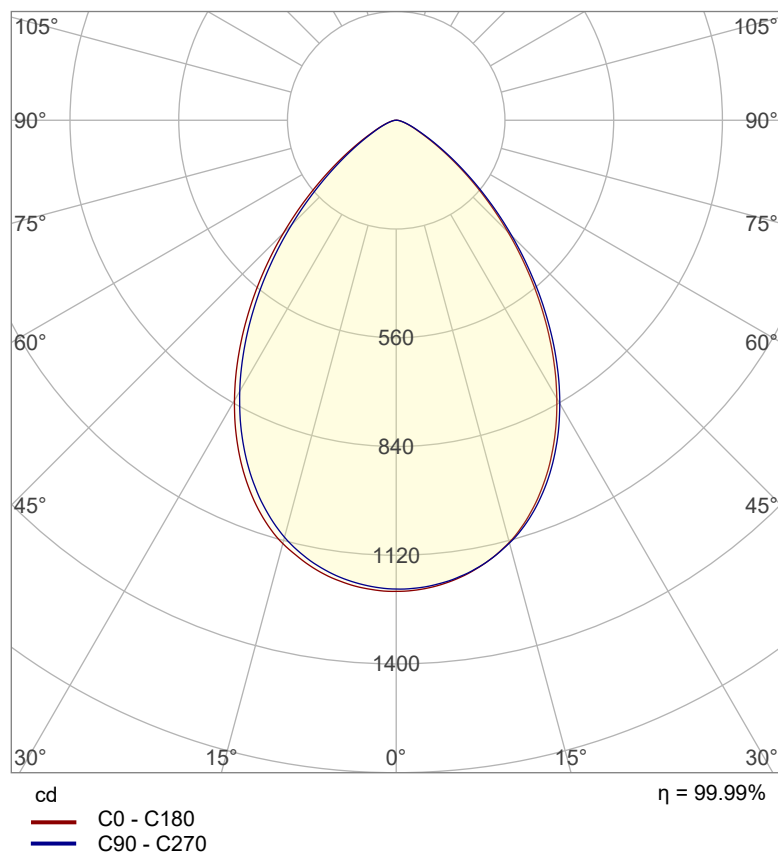
Tested Light Source

Luminaire	2021/4/12 9:53:50
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

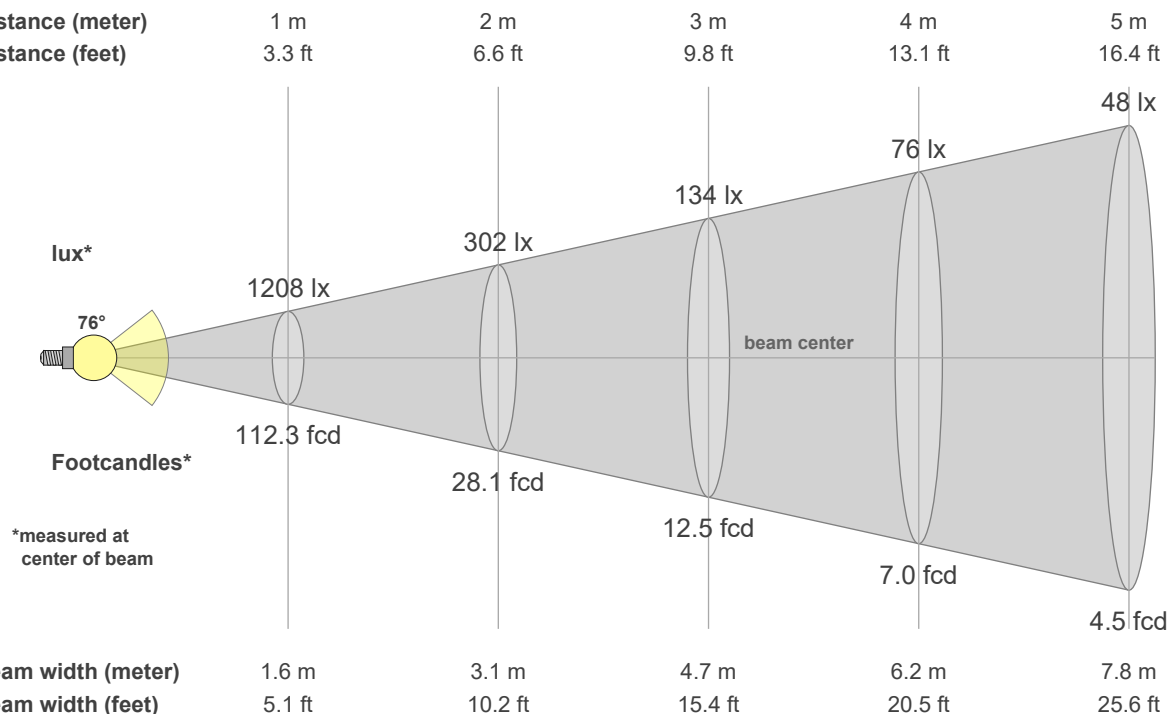
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	1844 lm – 0.0007% / 100%
Efficiency	66.36 lm/W
Peak Intensity	1213 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

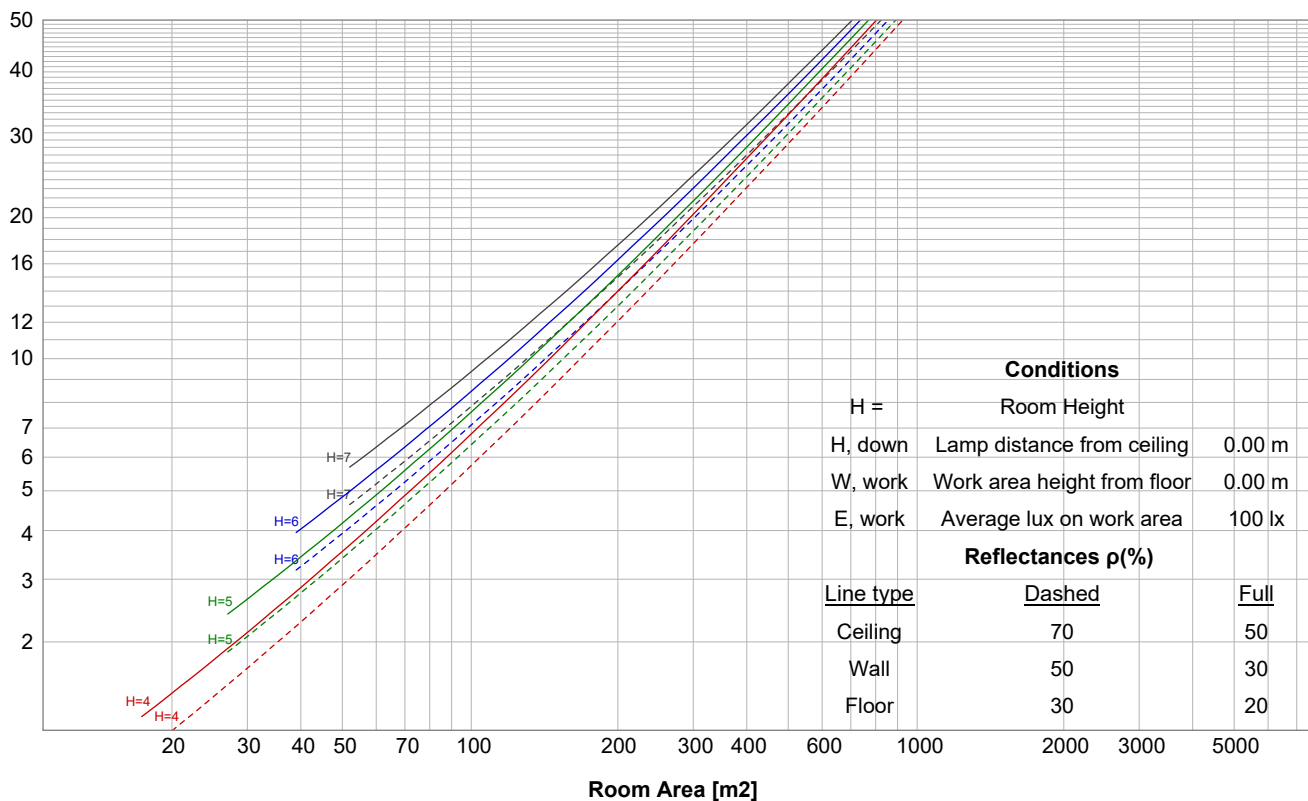


Beam details

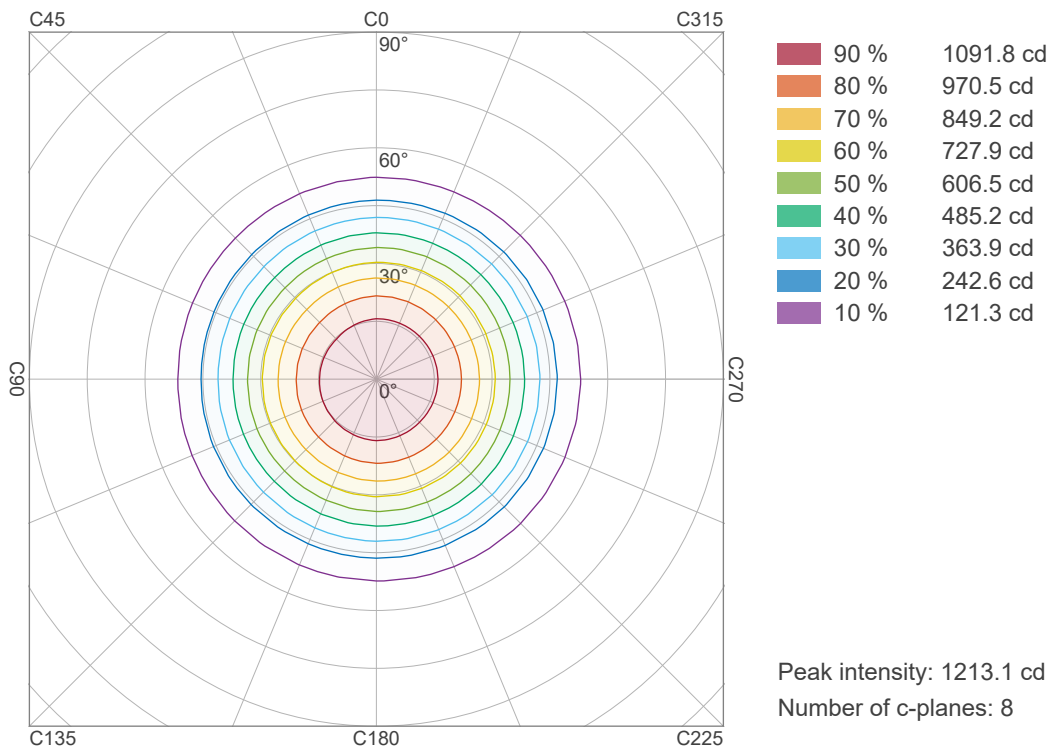


Luminaire budgetary diagram

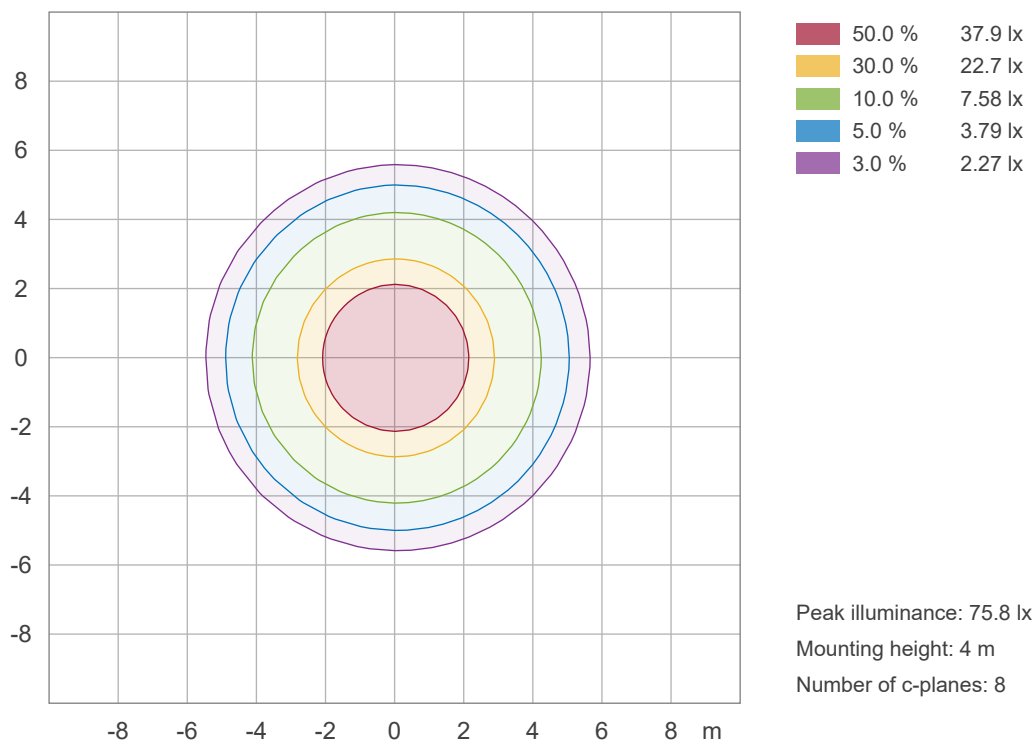
LAMPS (number of lamps)



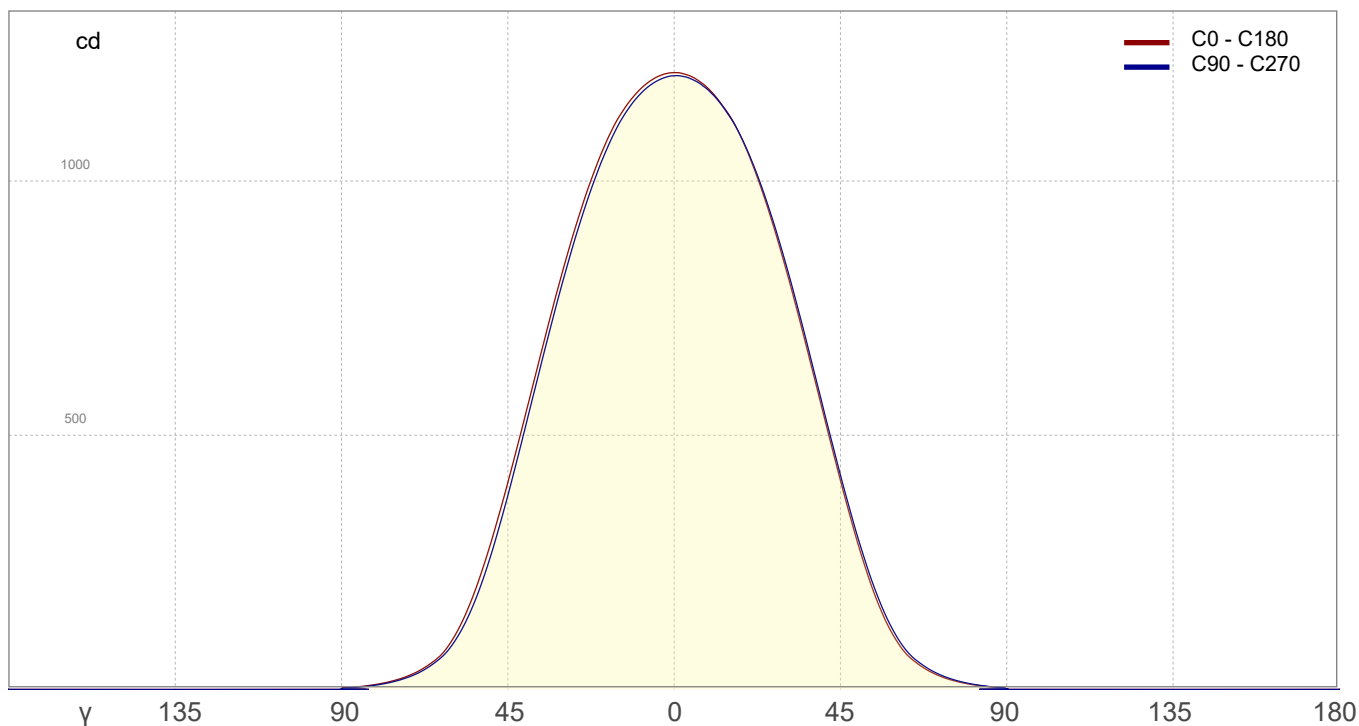
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

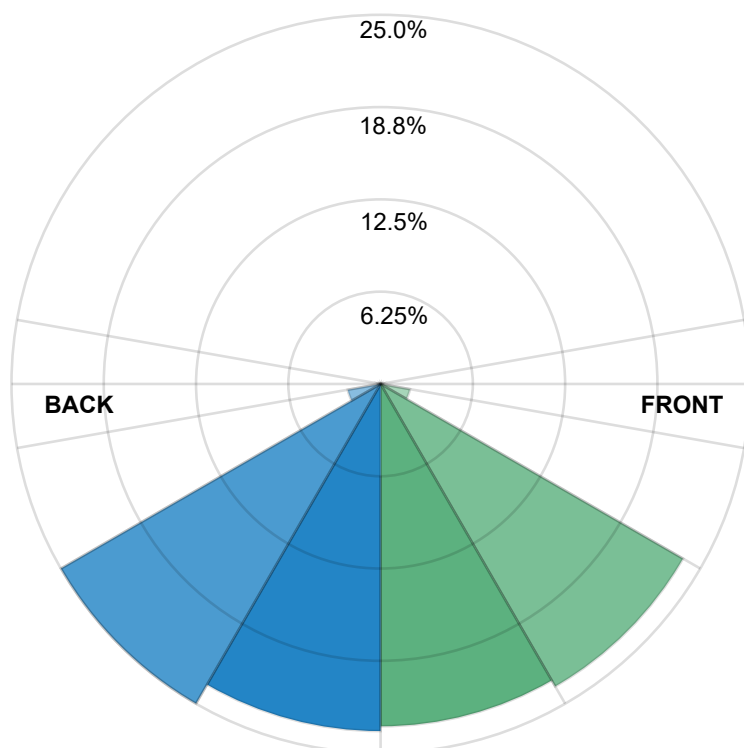


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	427.8 lm	23.2%
Medium (30-60°)	436.4 lm	23.7%
High (60-80°)	37.3 lm	2.0%
Very High (80-90°)	2.9 lm	0.2%

Back Light

Low (0-30°)	433.7 lm	23.5%
Medium (30-60°)	461.3 lm	25.0%
High (60-80°)	41.6 lm	2.3%
Very High (80-90°)	3.3 lm	0.2%

Uplight

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

Total

Sum	1844.3 lm	100,0%
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