

Laboratory and Equipment

Test lab	Moon On Noon
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	8/21/2026

Measurement Conditions

Tested c-planes	12
Tested gamma angles	181 – 1.00°
Input Power	8.61 W

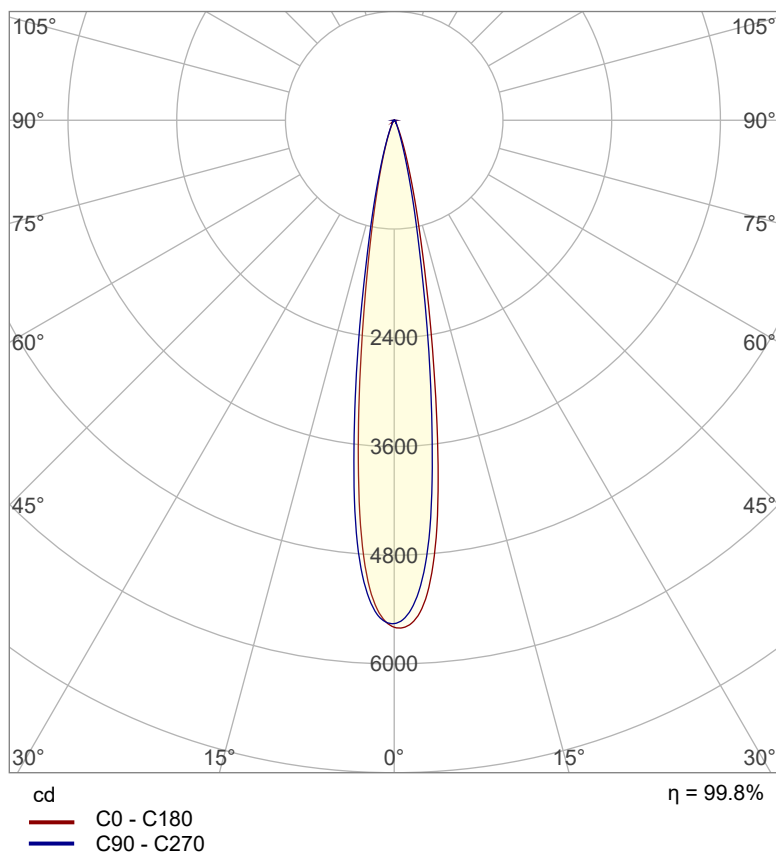
Tested Light Source

Luminaire	MON-SU2208-N
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

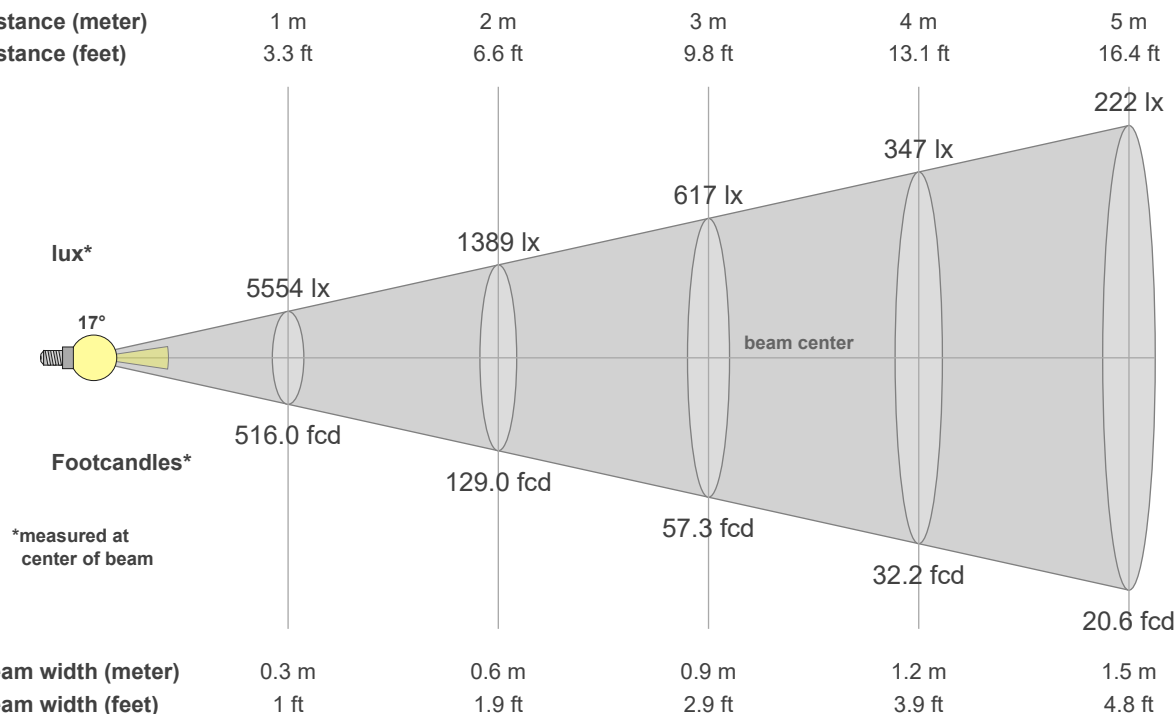
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	653.6 lm – 0.0014% / 100%
Efficiency	75.91 lm/W
Peak Intensity	5600 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

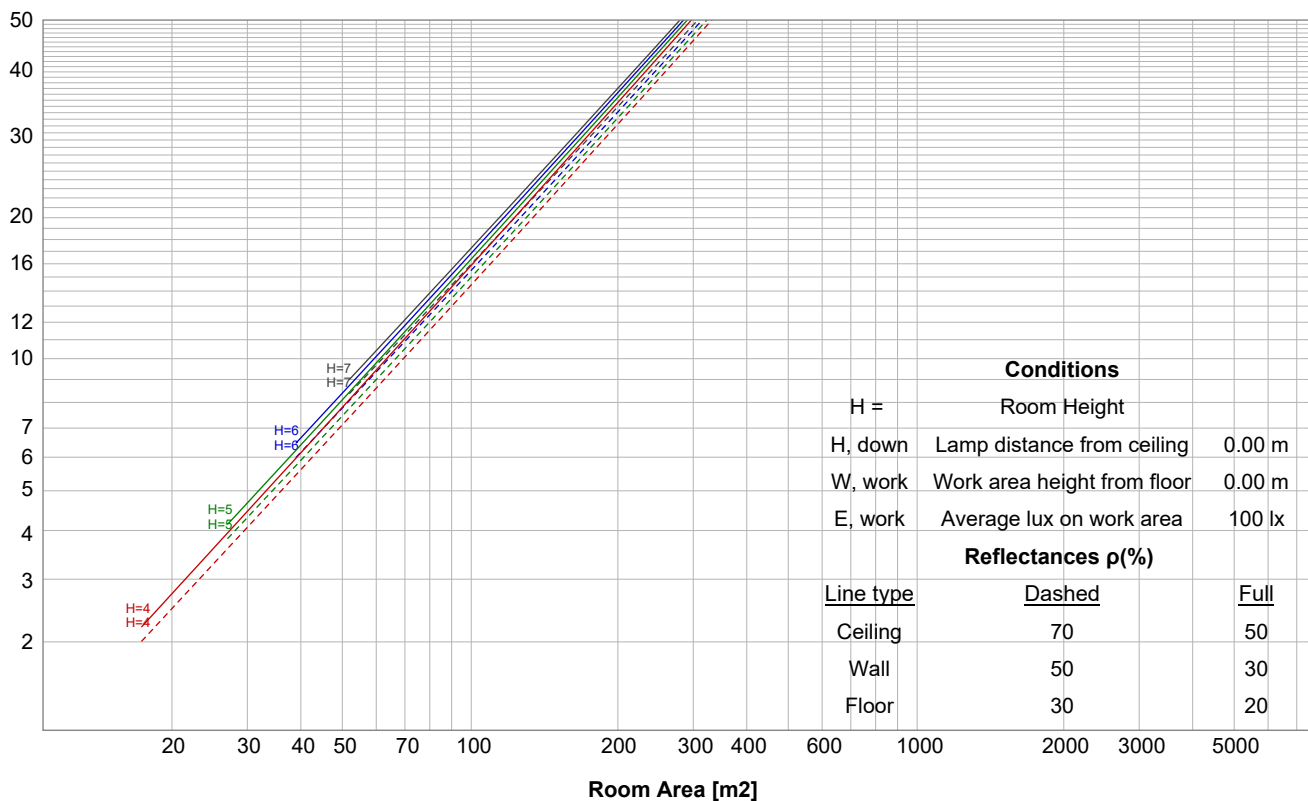


Beam details

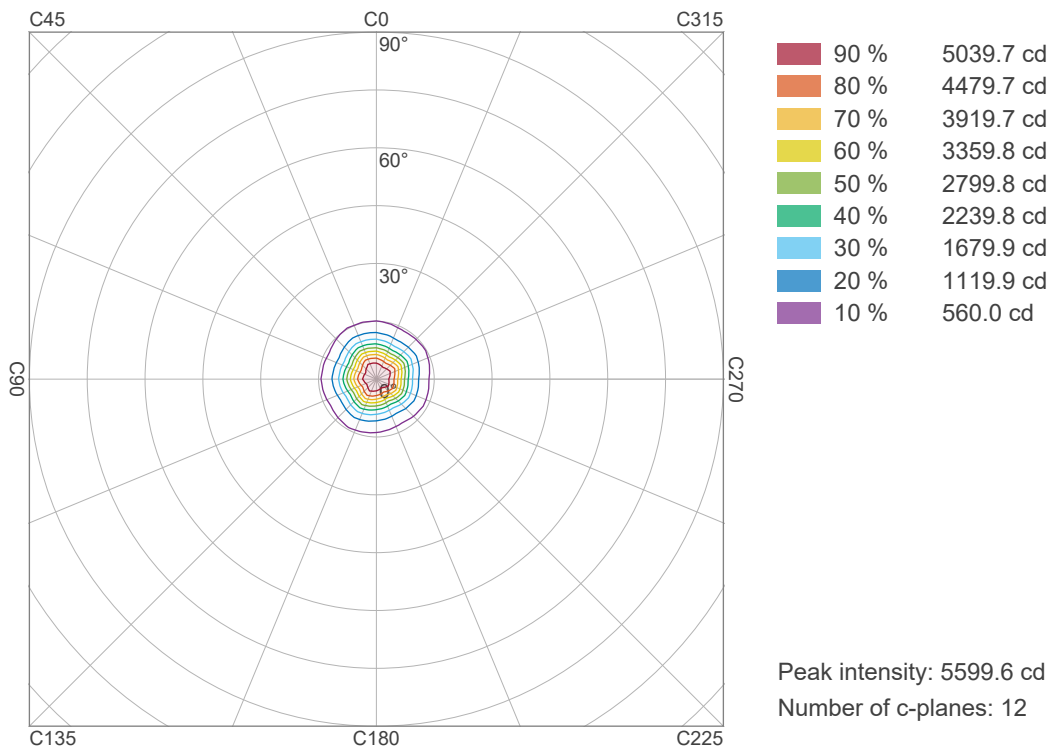


Luminaire budgetary diagram

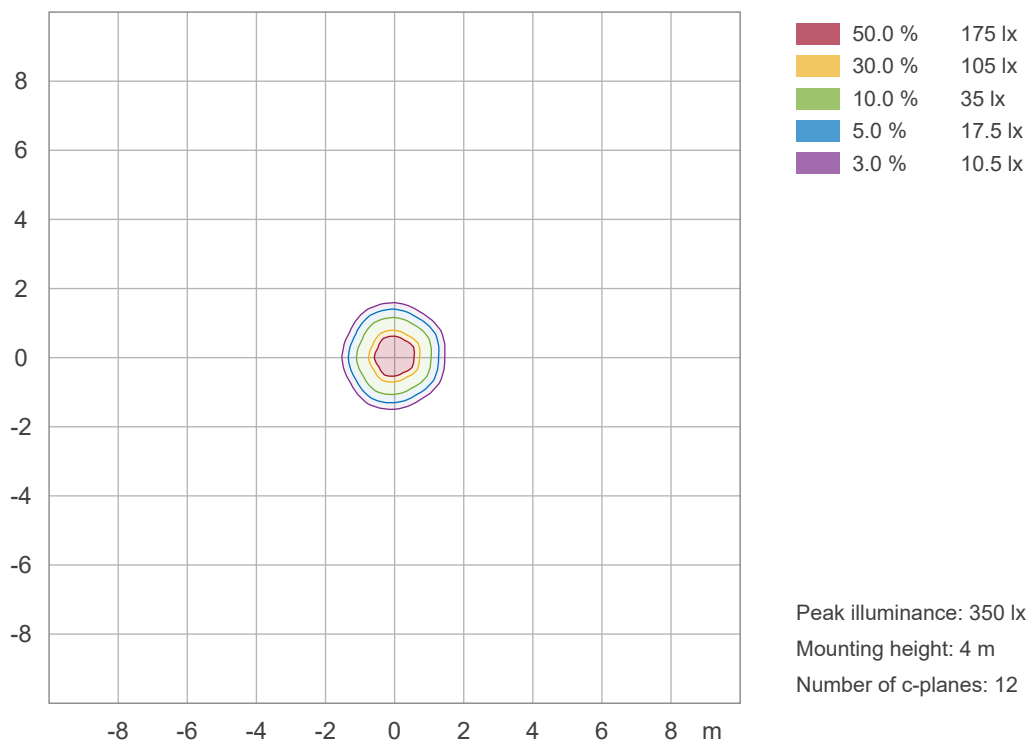
LAMPS (number of lamps)



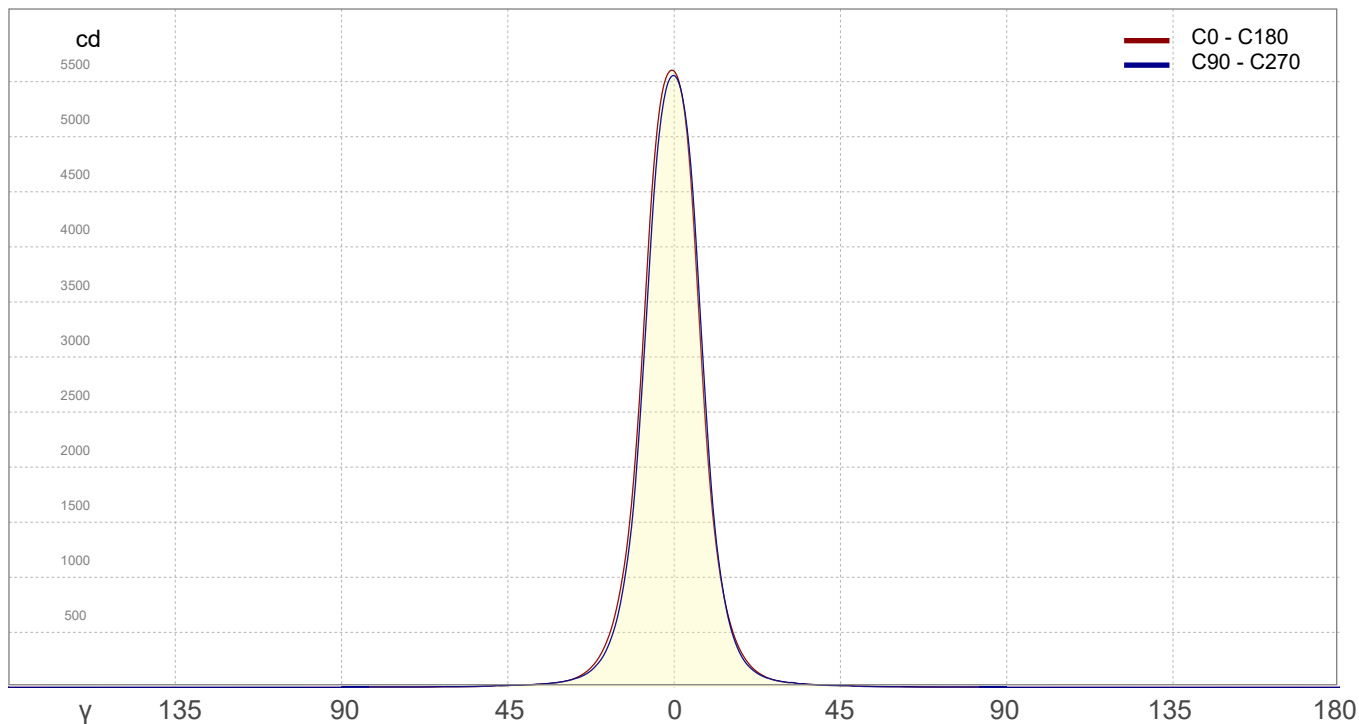
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

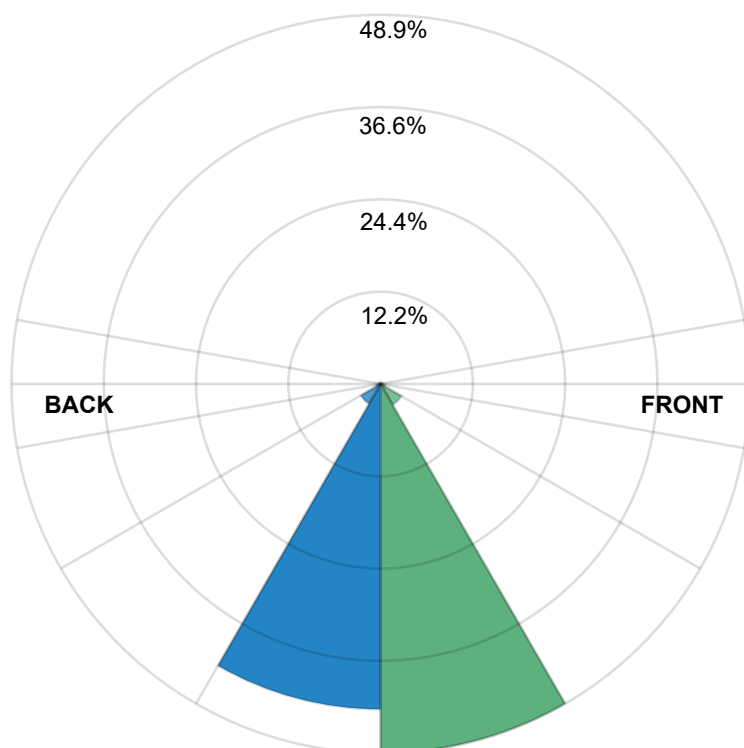


Linear intensity distribution diagram



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	319.4 lm	48.9%
Medium (30-60°)	20.9 lm	3.2%
High (60-80°)	4.1 lm	0.6%
Very High (80-90°)	1.8 lm	0.3%

Back Light

Low (0-30°)	281.5 lm	43.1%
Medium (30-60°)	19.9 lm	3.0%
High (60-80°)	4.2 lm	0.6%
Very High (80-90°)	1.8 lm	0.3%

Uplight

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

Total

Sum	653.6 lm	100,0%
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