

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	28.89 W

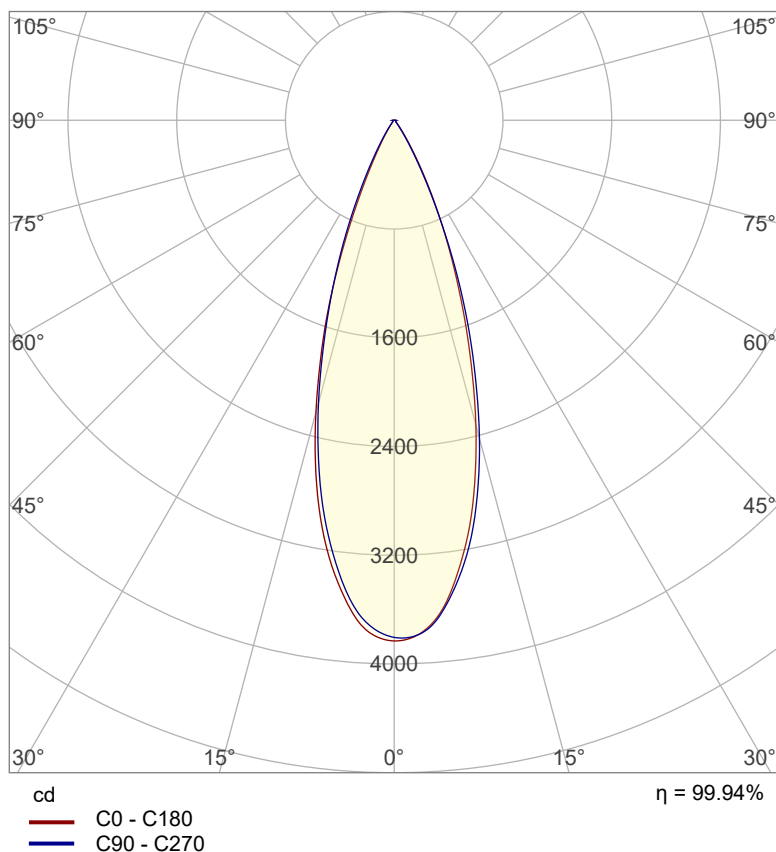
Tested Light Source

Luminaire	2021/4/23 16:52:40
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

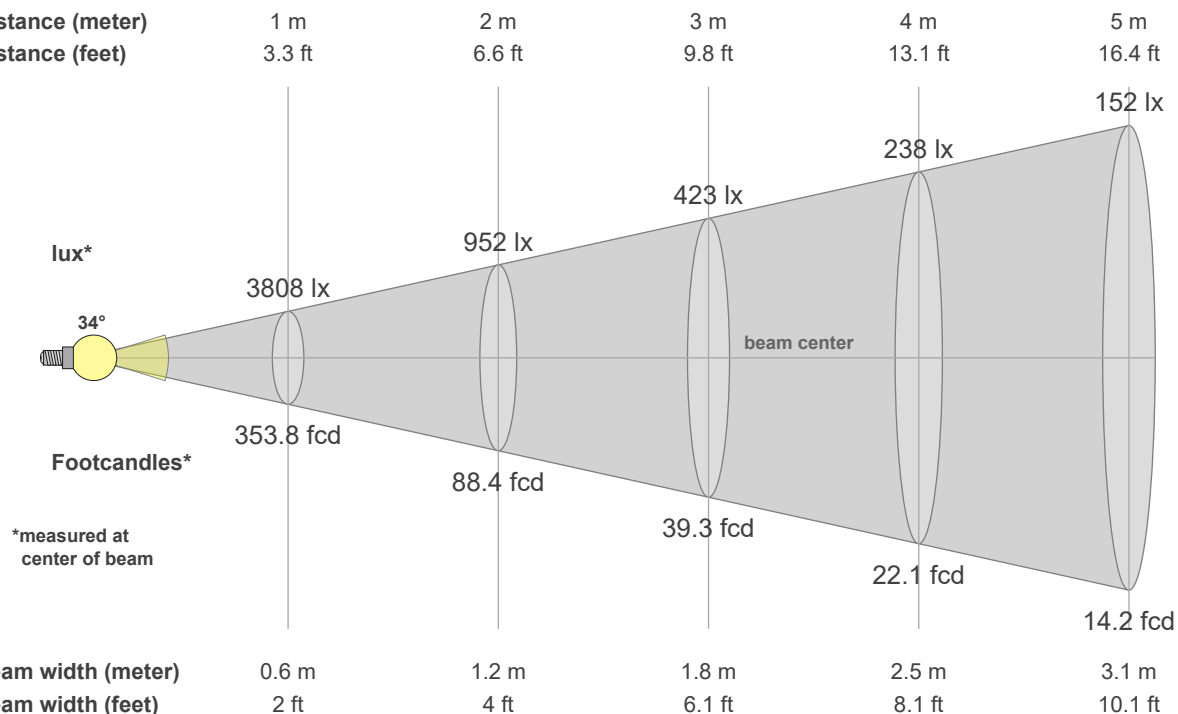
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	1400 lm – 0.0029% / 100%
Efficiency	48.46 lm/W
Peak Intensity	3831 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

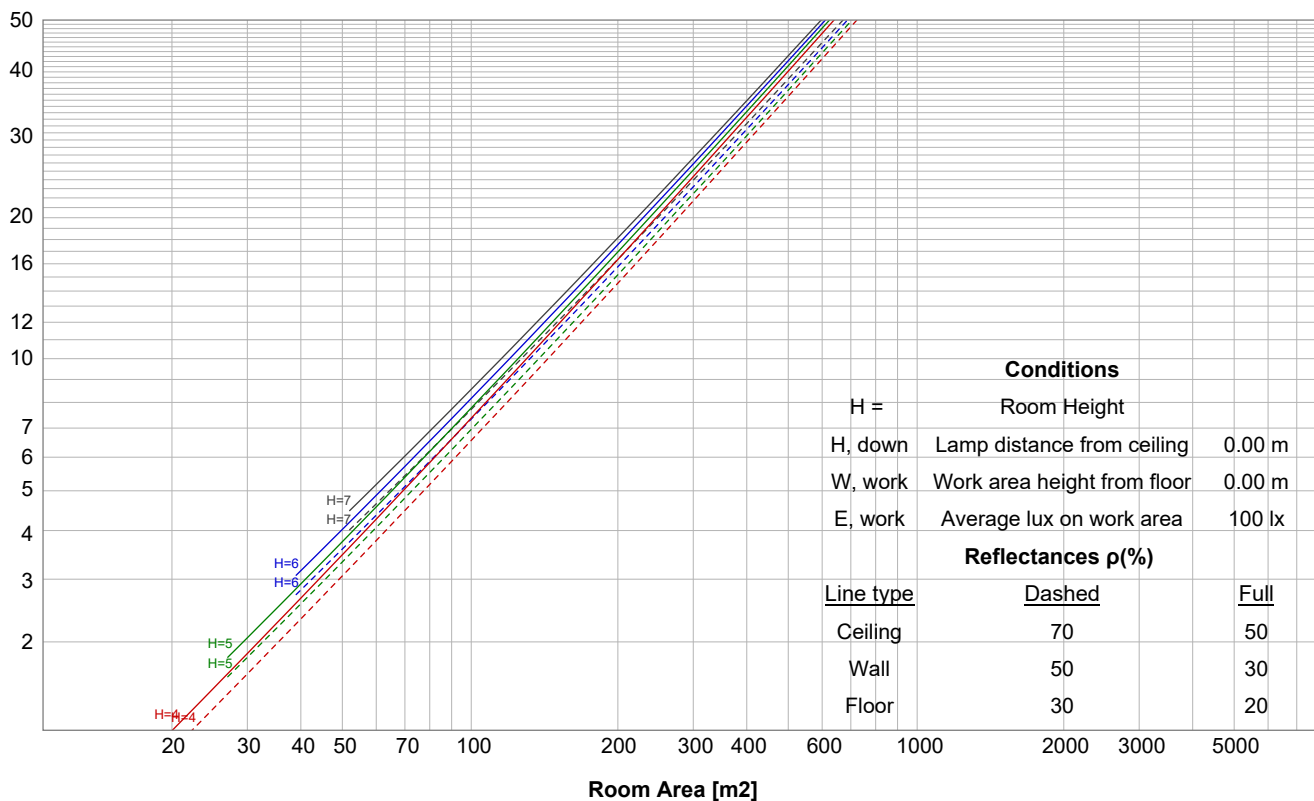


Beam details

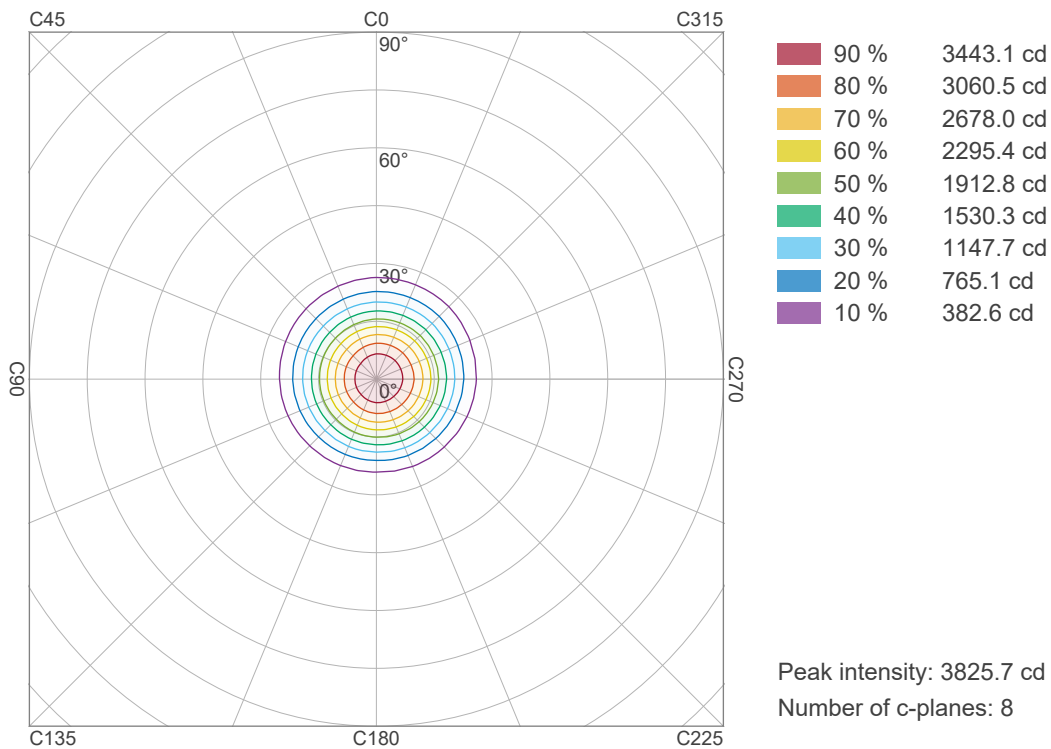


Luminaire budgetary diagram

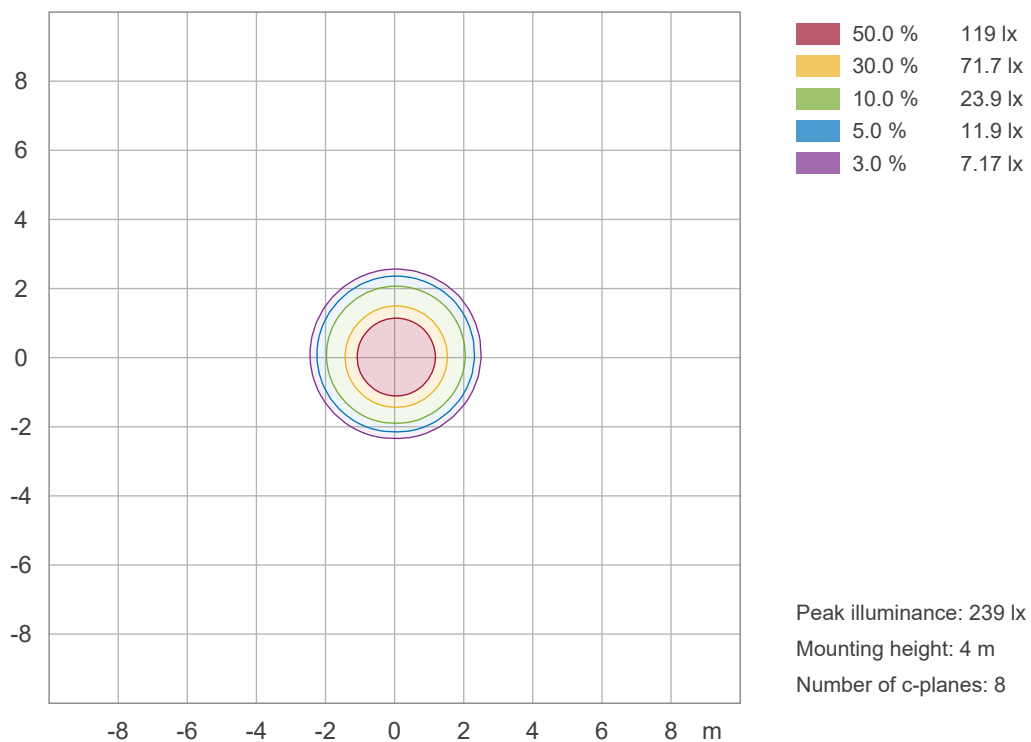
LAMPS (number of lamps)



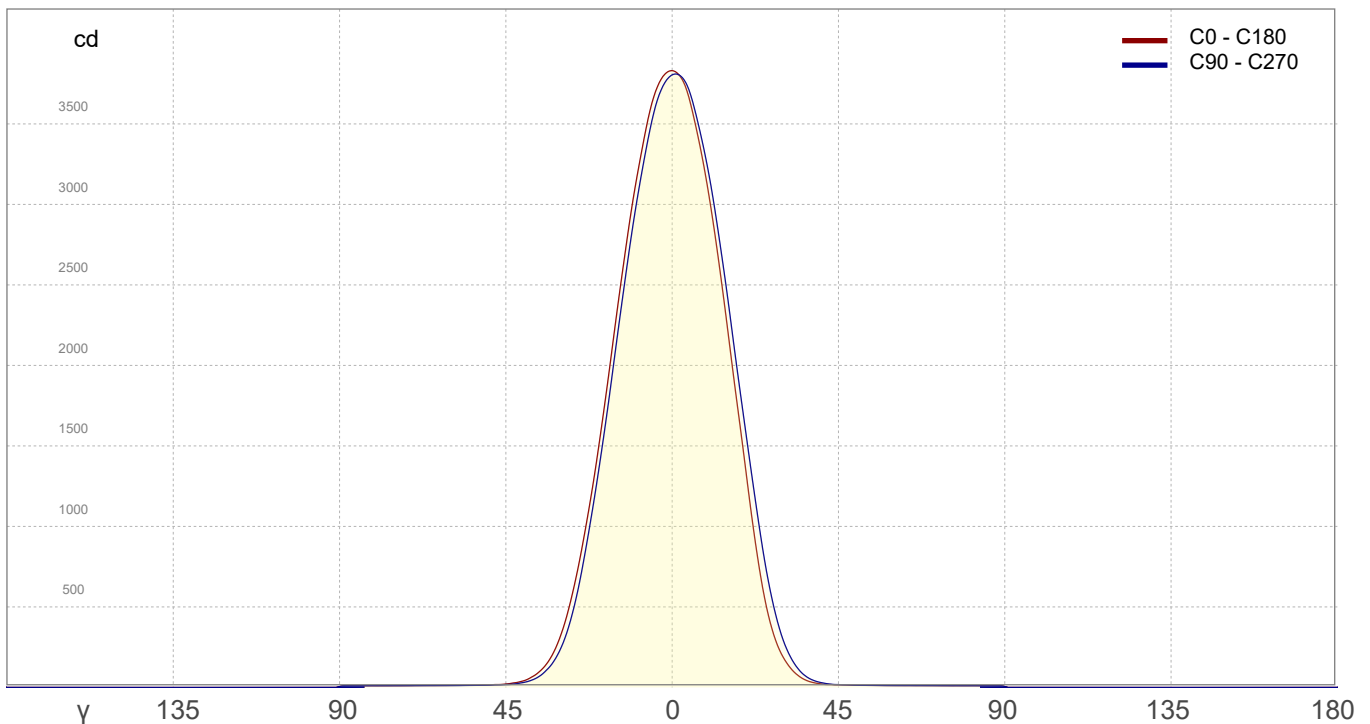
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

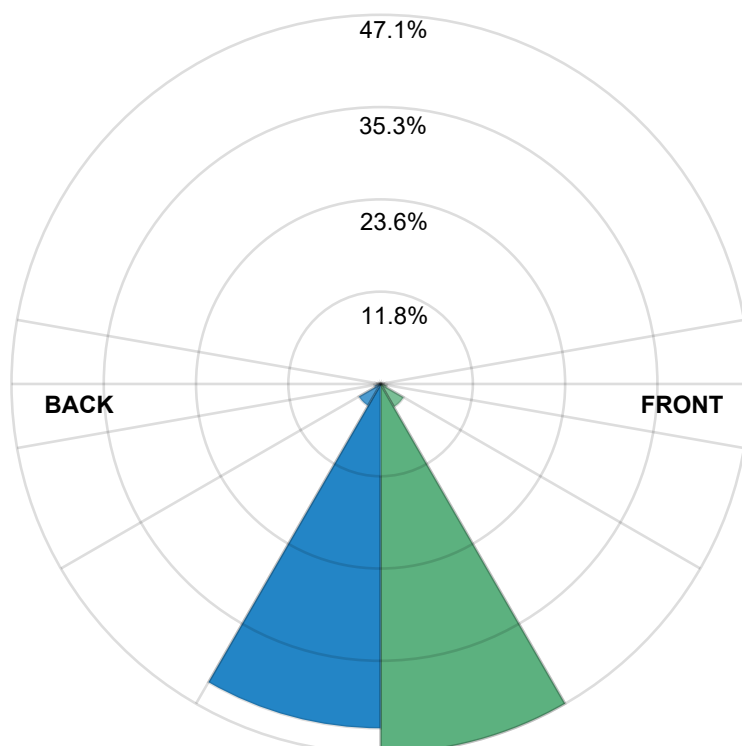


Linear intensity distribution diagram



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

BUG rating B2 U0 G0



Forward Light

Low (0-30°)	659.4 lm	47.1%
Medium (30-60°)	47.5 lm	3.4%
High (60-80°)	11.2 lm	0.8%
Very High (80-90°)	5.5 lm	0.4%

Back Light

Low (0-30°)	615.1 lm	43.9%
Medium (30-60°)	44.8 lm	3.2%
High (60-80°)	11.1 lm	0.8%
Very High (80-90°)	5.5 lm	0.4%

Uplight

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

Total

Sum	1400.0 lm	100,0%
-----	-----------	--------