

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	12
Tested gamma angles	181 – 1.00°
Input Power	18.02 W

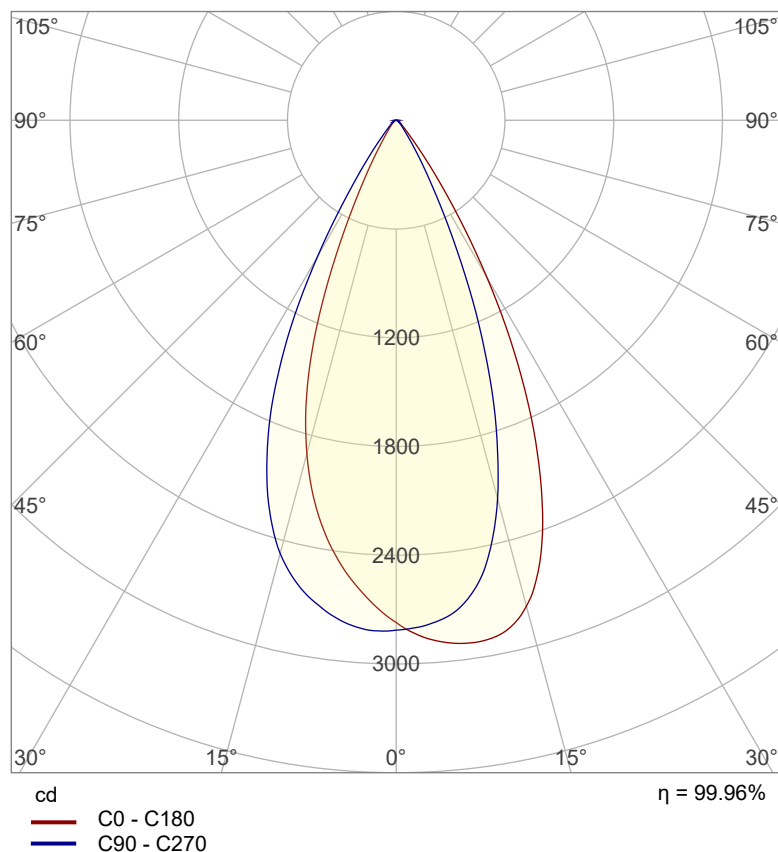
Tested Light Source

Luminaire	2023/2/20 16:53:51
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Moon On Noon

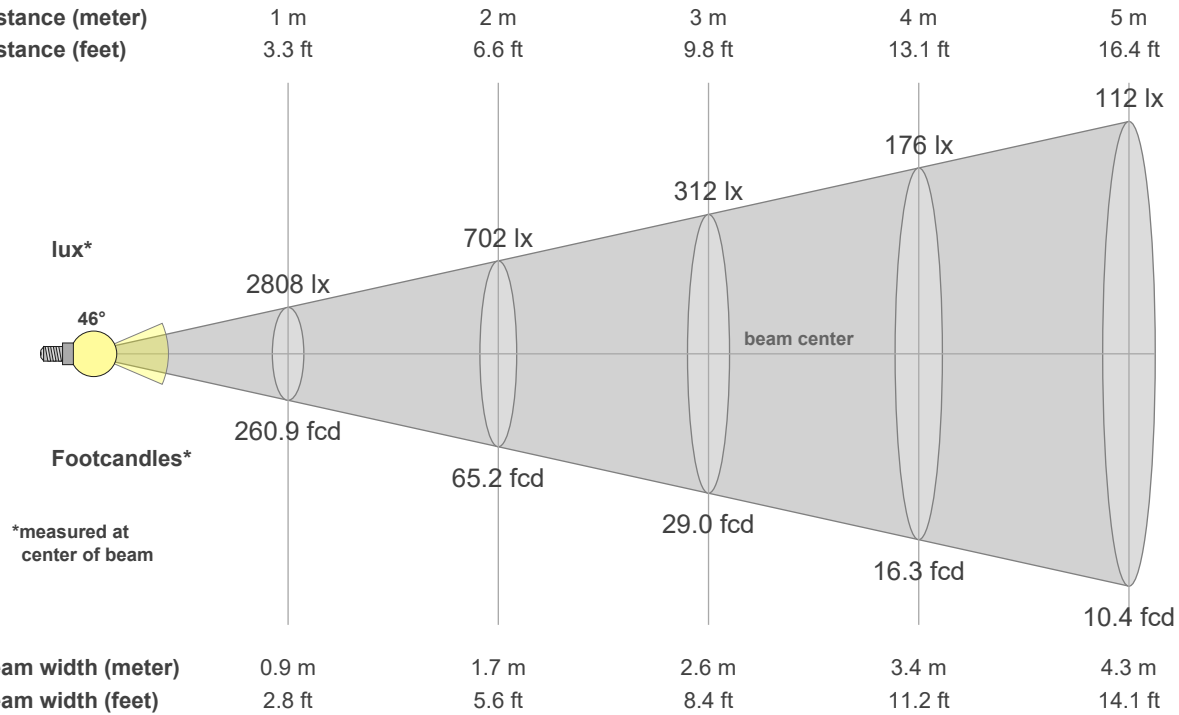
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	1697 lm – 0.0011% / 100%
Efficiency	94.21 lm/W
Peak Intensity	2913 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

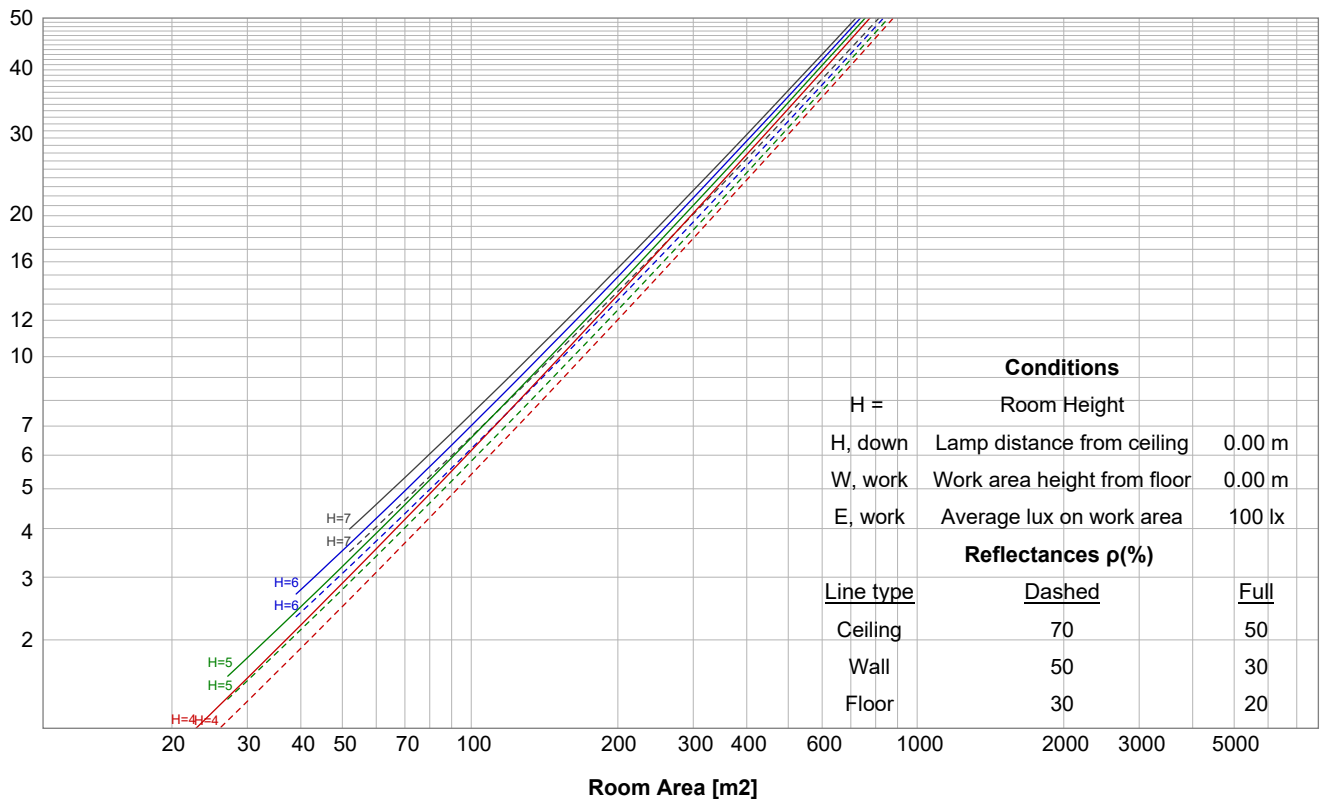


Beam details

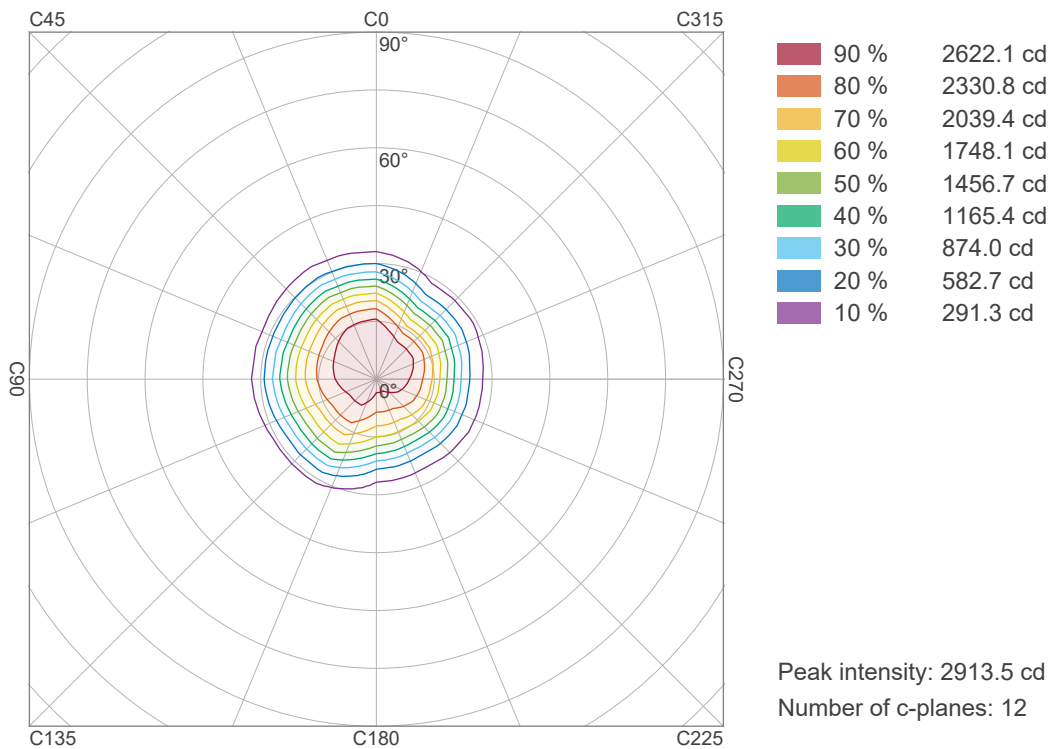


Luminaire budgetary diagram

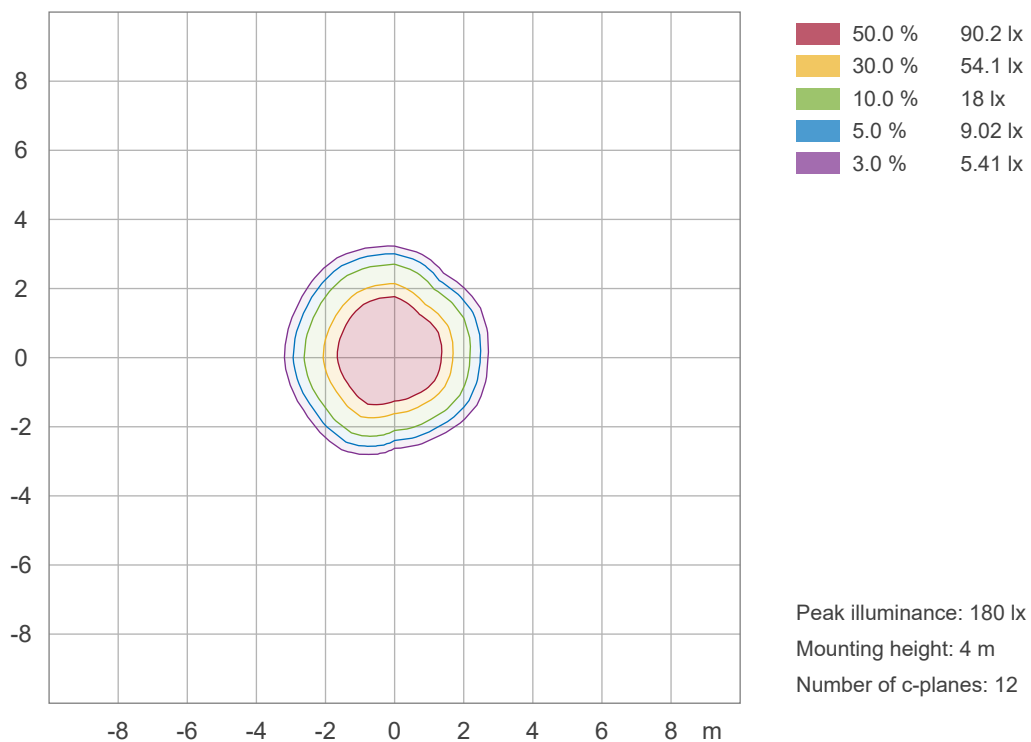
LAMPS (number of lamps)



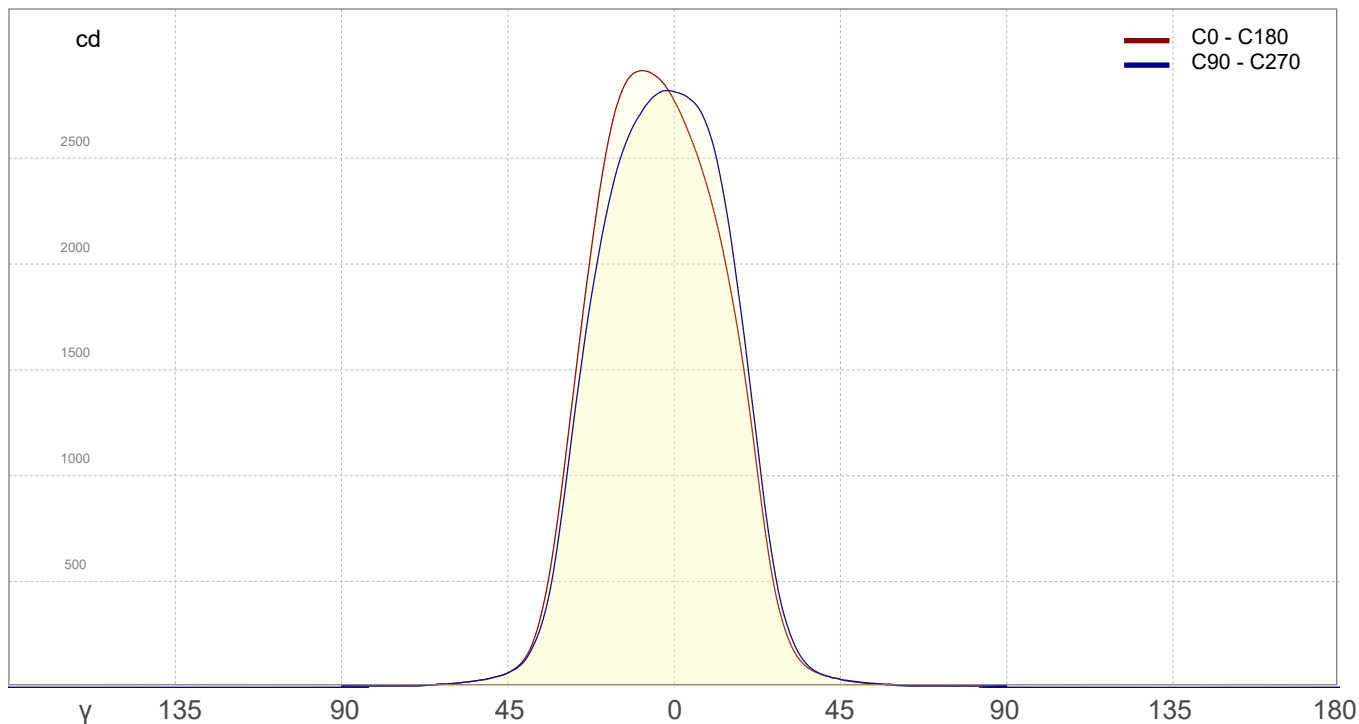
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

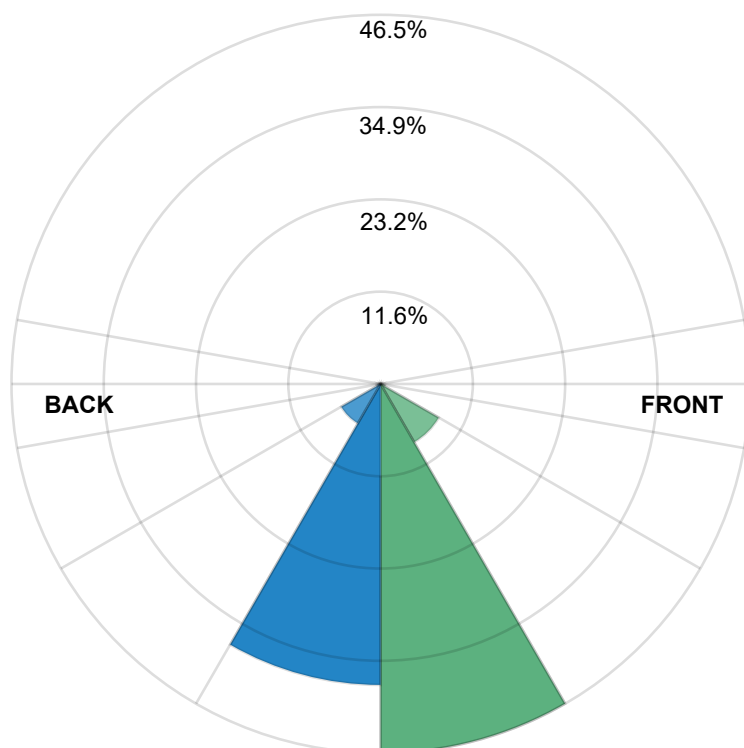


Linear intensity distribution diagram



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

BUG rating B2 U0 G0



Forward Light

Low (0-30°)	788.9 lm	46.5%
Medium (30-60°)	143.6 lm	8.5%
High (60-80°)	9.3 lm	0.5%
Very High (80-90°)	3.4 lm	0.2%

Back Light

Low (0-30°)	643.2 lm	37.9%
Medium (30-60°)	97.1 lm	5.7%
High (60-80°)	8.3 lm	0.5%
Very High (80-90°)	3.4 lm	0.2%

Uplight

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

Total

Sum	1697.2 lm	100,0%
-----	-----------	--------