

Test report

Light measurement results

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

7/12/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

25 – distance {C_PLANES_DIST}°
181 – {H_PLANES_DIST}°
35.9 W

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

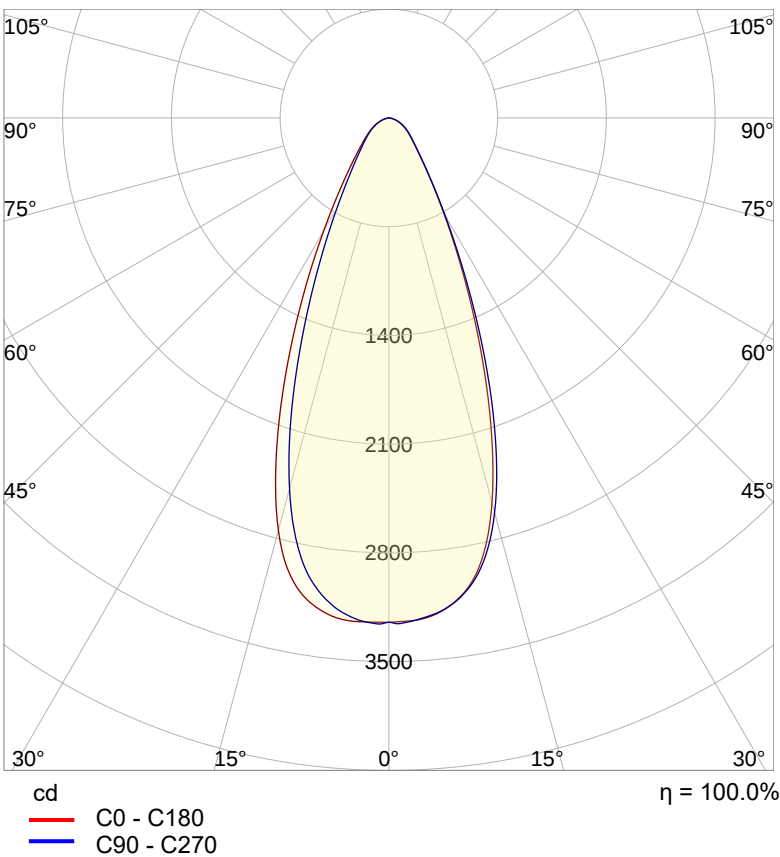
AuroRing Mini-212mm-RGBW 4000K-LumiMax-45D
NONE
N/A

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

2297 lm – 0% / 100%
64 lm/W
3258 cd
4000 K
CRI 85.0

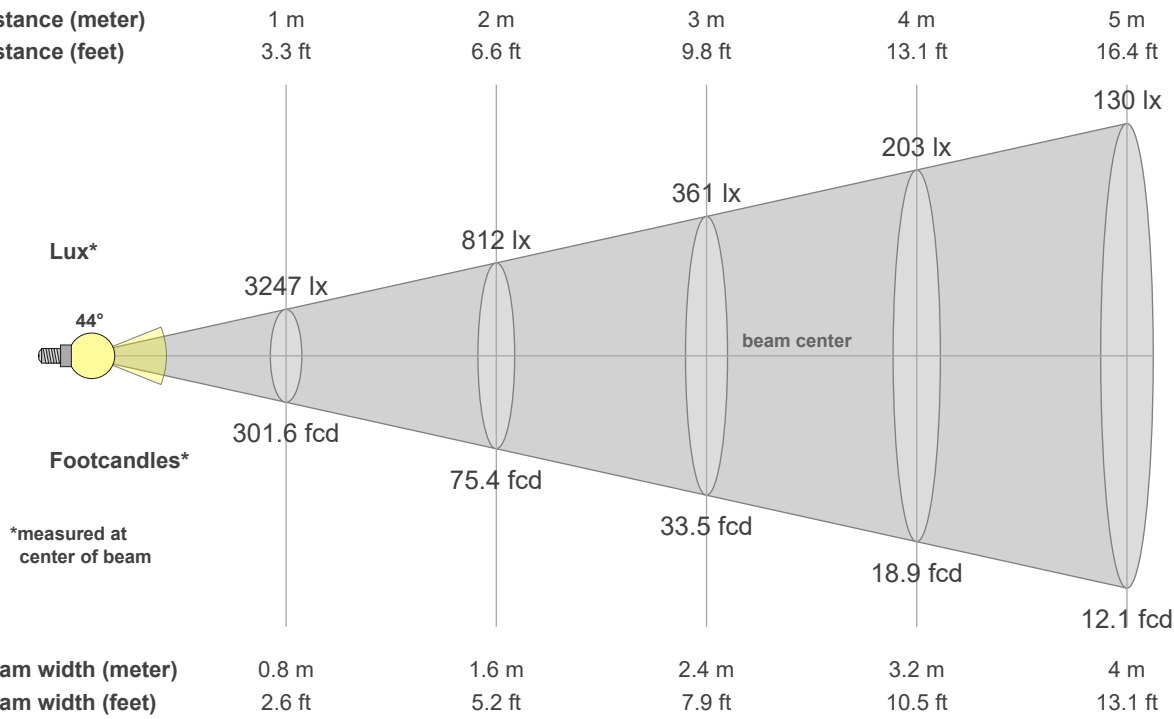
Polar light distribution diagram



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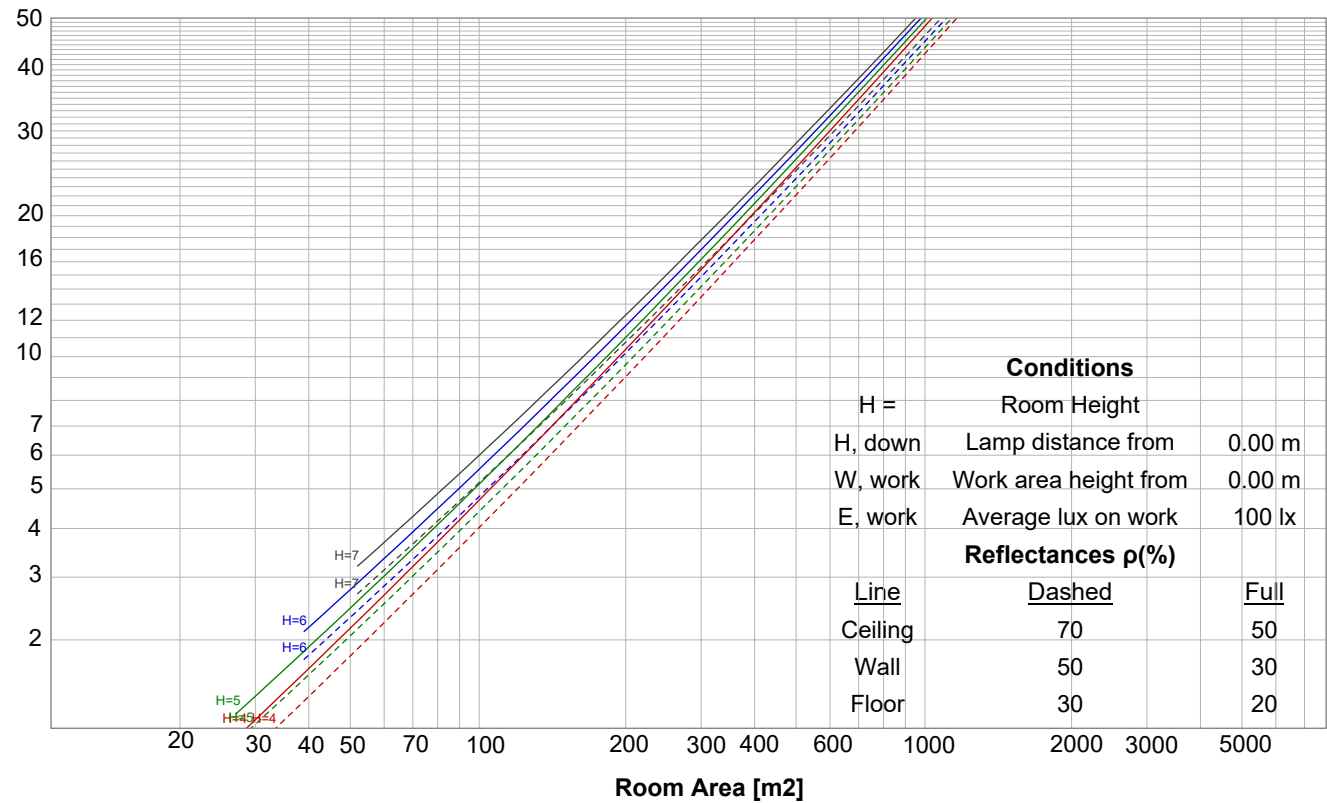
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Beam details



Luminaire budgetary diagram

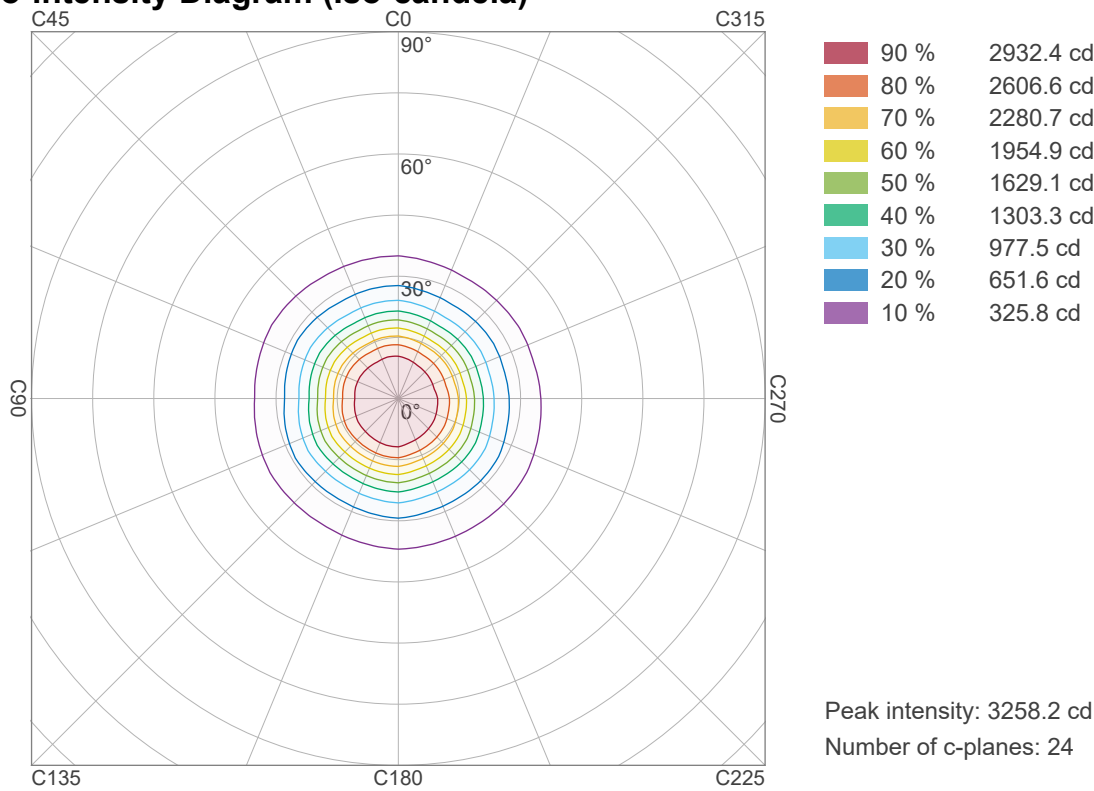
LAMPS (number of lamps)



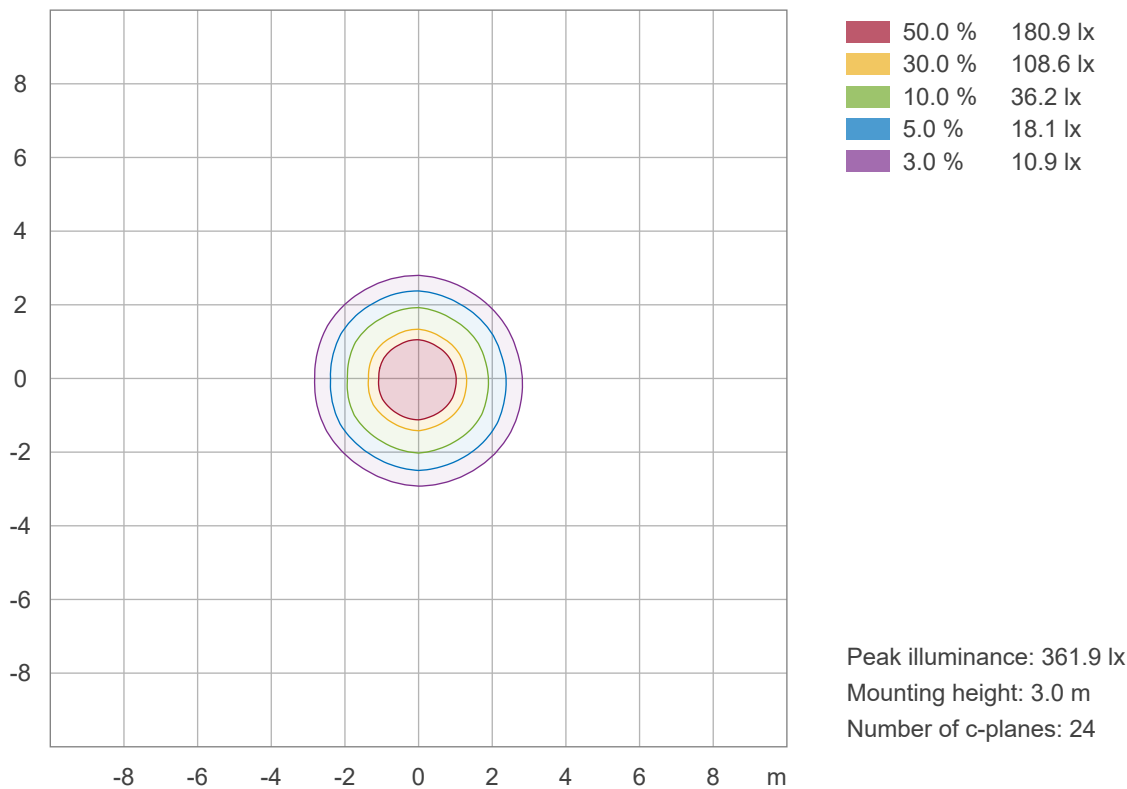
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Iso-intensity Diagram (Iso-candela)



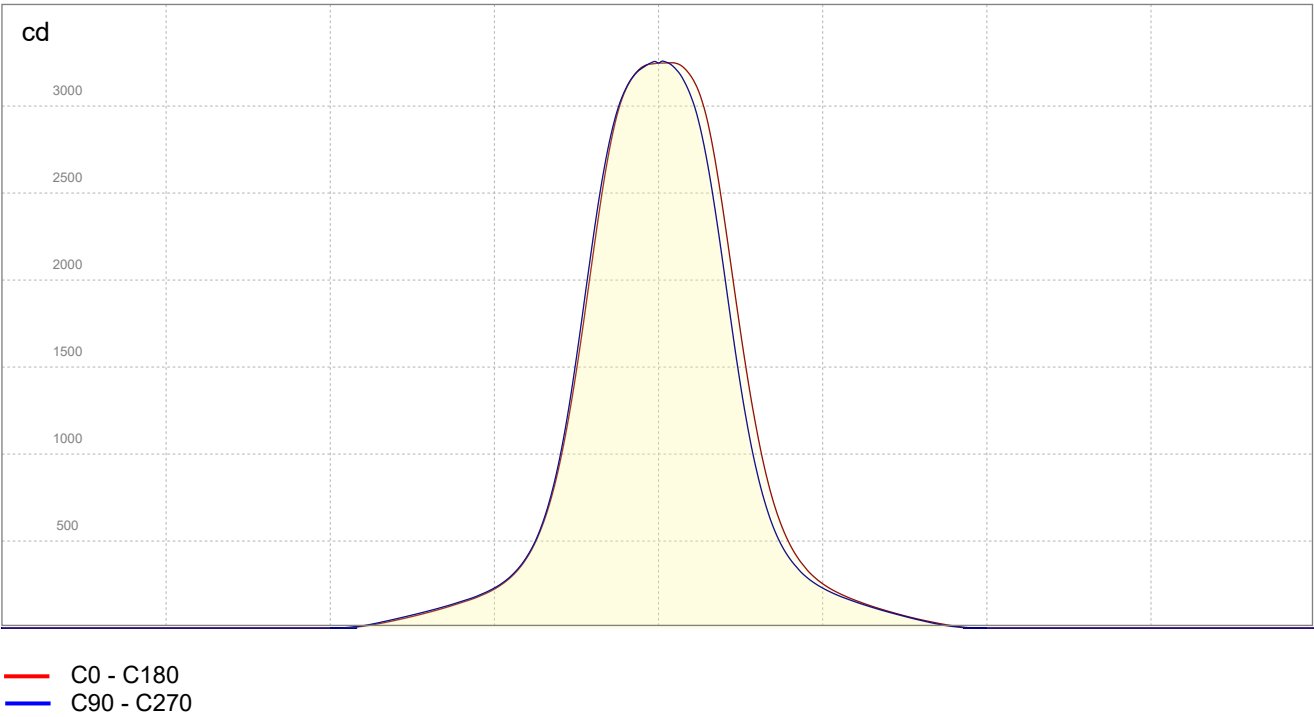
Iso-illuminance Diagram (Iso-lux)



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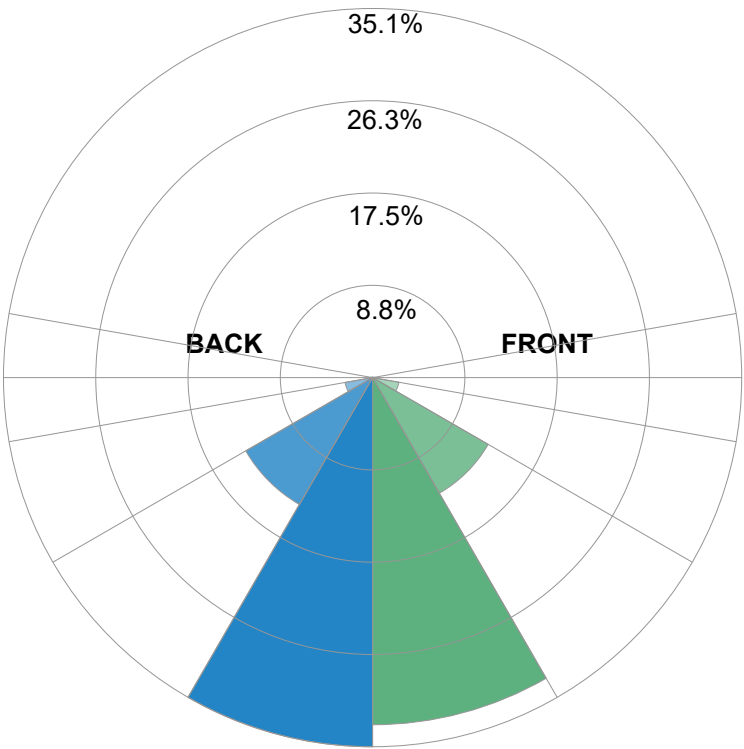
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Linear intensity distribution



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

BUG rating B2 U0 G0



Forward Light

Low (0-30°)	757.4	lm	33%
Medium (30-60°)	291.2	lm	12.7%
High (60-80°)	58.3	lm	2.5%
Very High	2	lm	0.1%

Back Light

Low (0-30°)	805.4	lm	35.1%
Medium (30-60°)	319.6	lm	13.9%
High (60-80°)	61	lm	2.7%
Very High	2.4	lm	0.1%

Uplight

Low (90-100°)	0	lm	0%
High (100-180°)	0	lm	0%

Total

Sum	2297	lm	100%
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