

Test report

Light measurement results

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

7/17/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

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

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

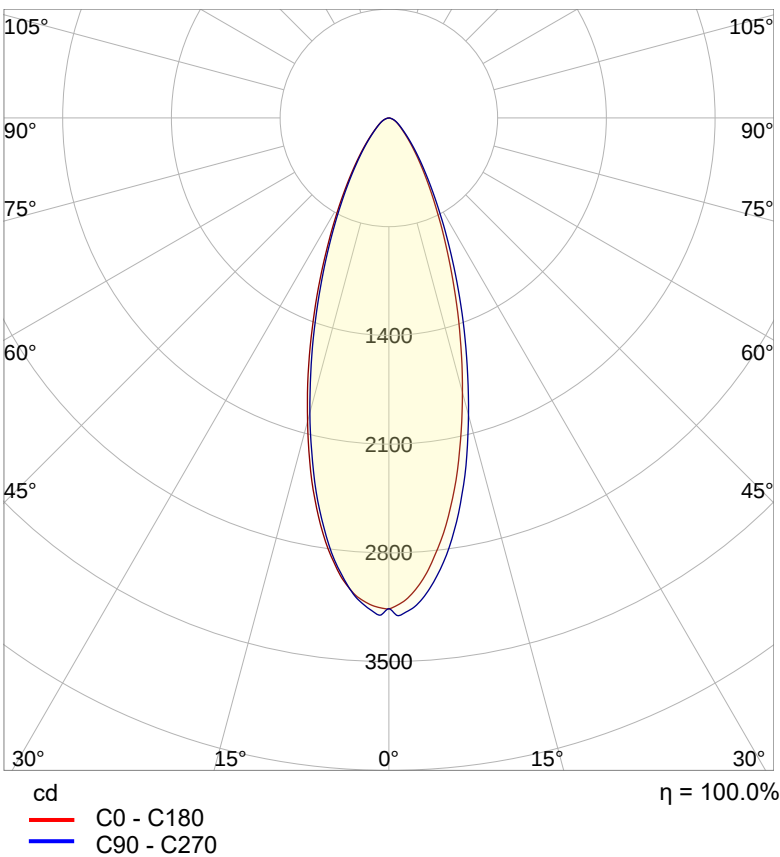
AuroRing-254mm-RGBW RED-LumiMax-35D
NONE
Luminoscape

Main Light Measurement Results

Output – Total Lumen
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

1716 lm
24 lm/W
3204 cd
2700 K
CRI 85.0

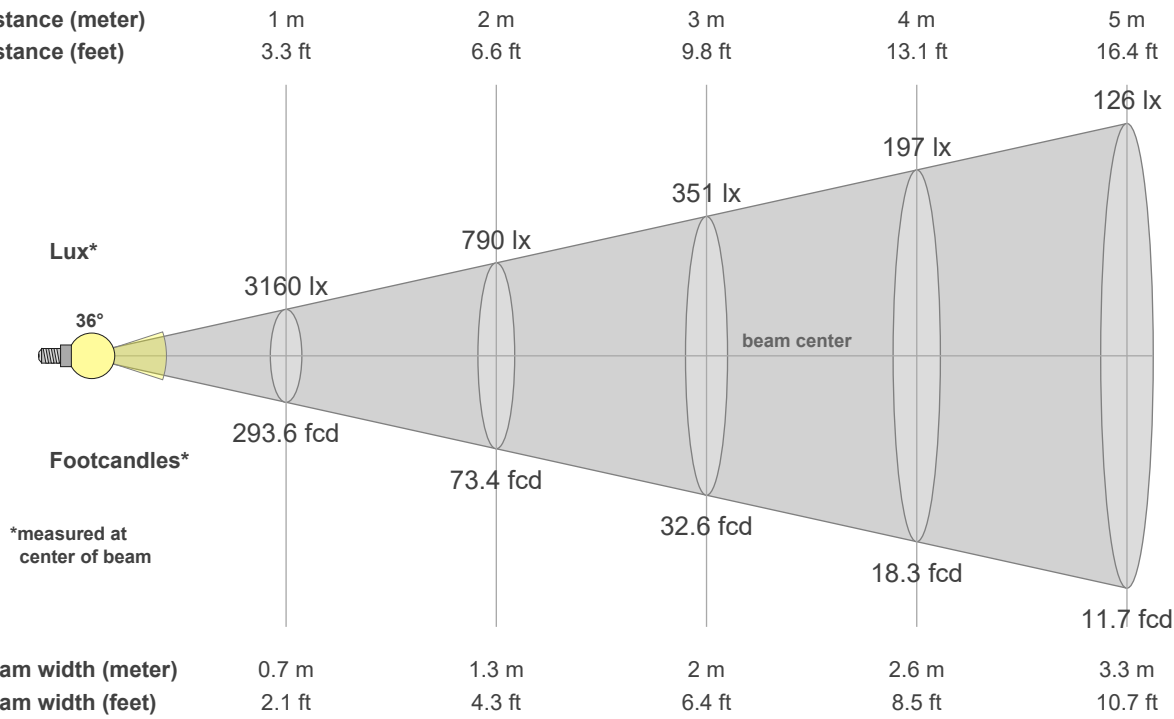
Polar light distribution diagram



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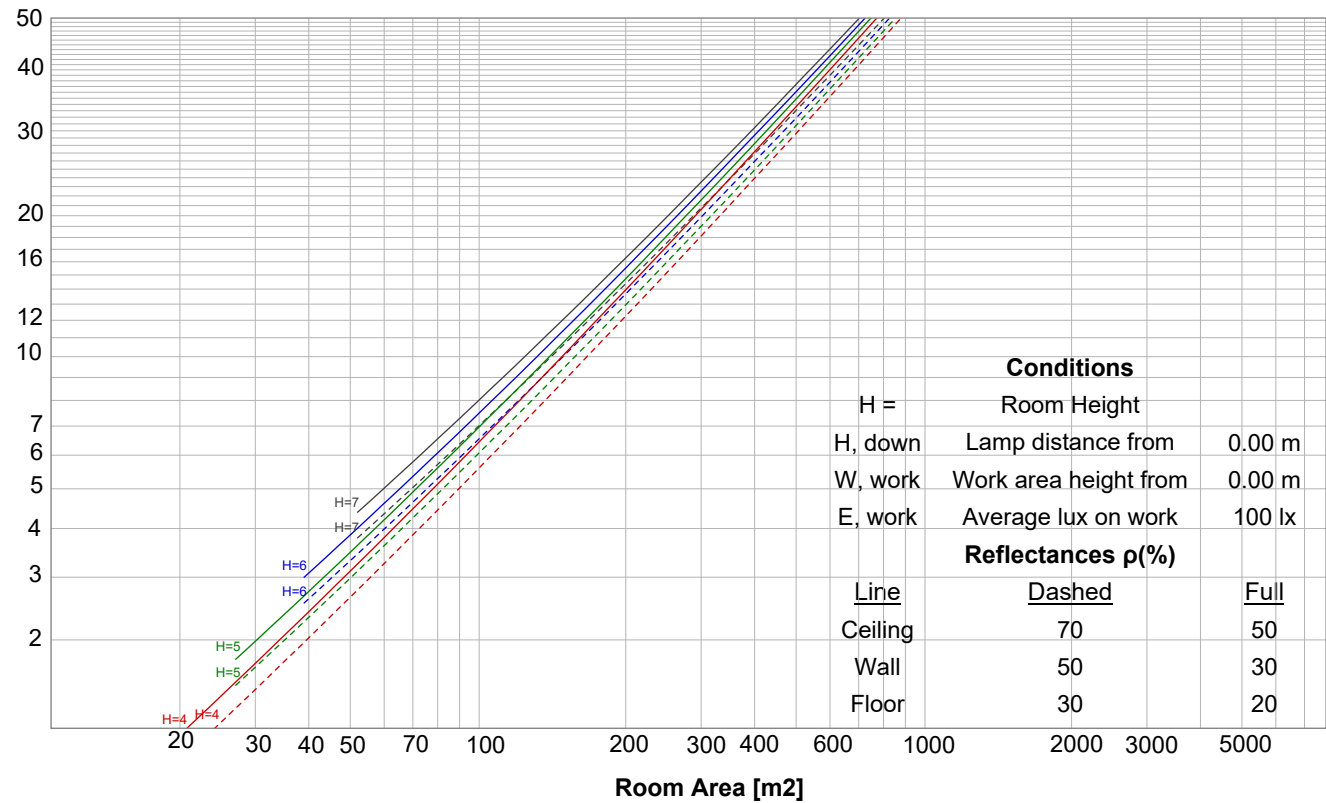
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Beam details



Luminaire budgetary diagram

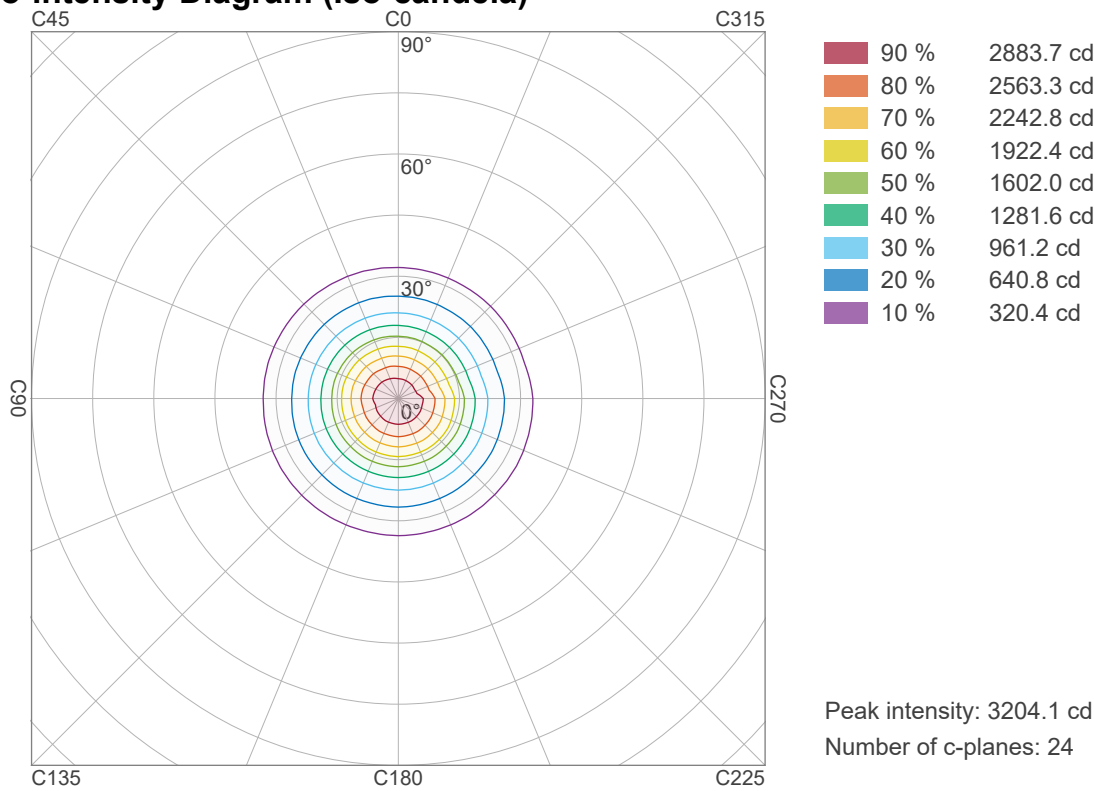
LAMPS (number of lamps)



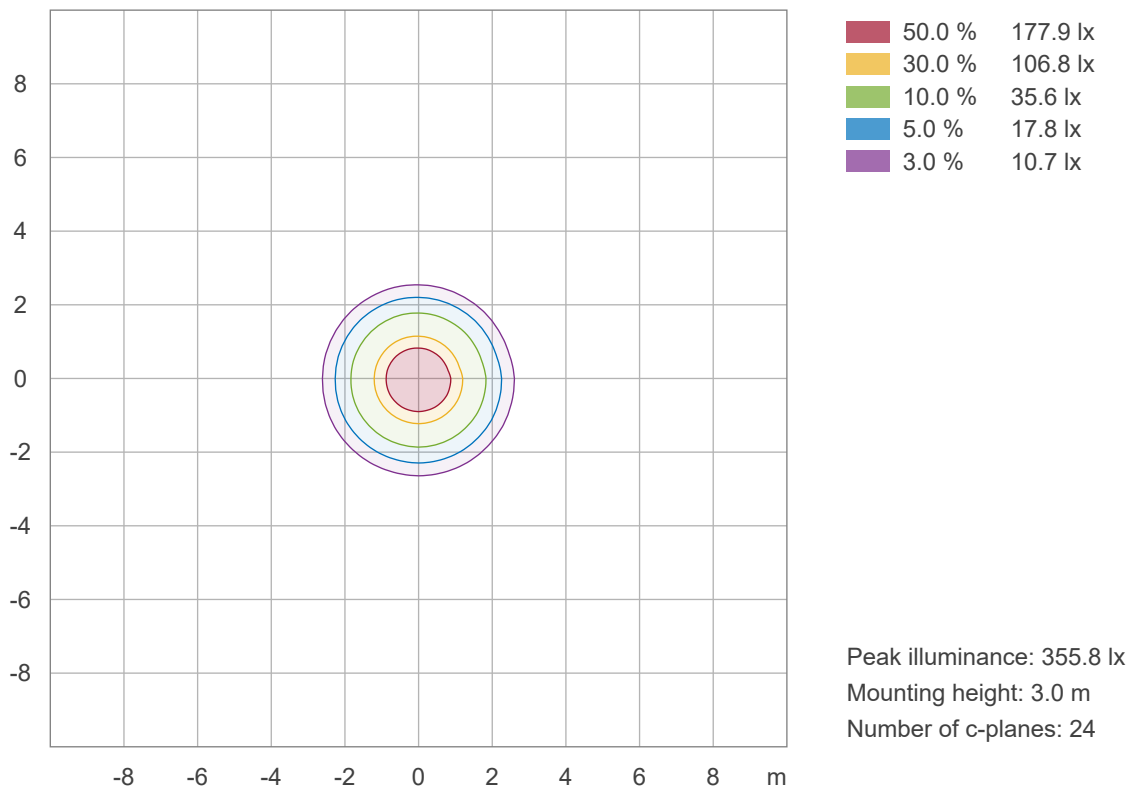
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Iso-intensity Diagram (Iso-candela)



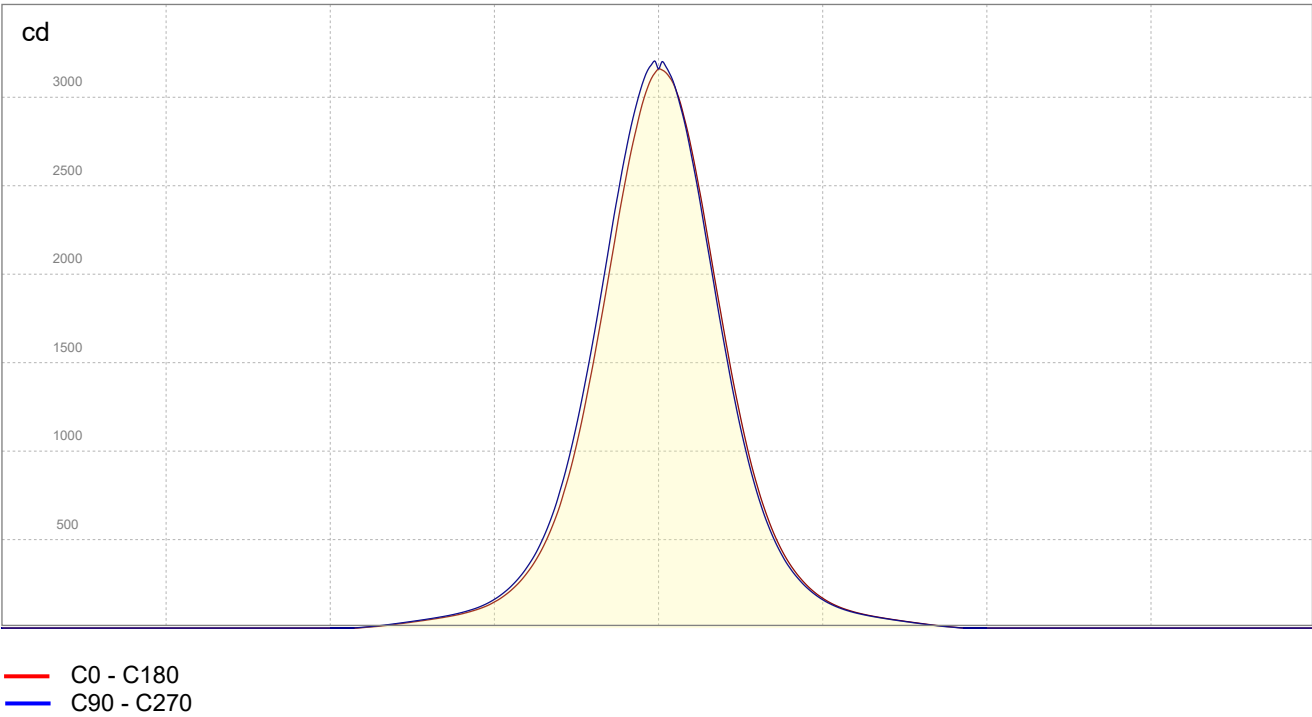
Iso-illuminance Diagram (Iso-lux)



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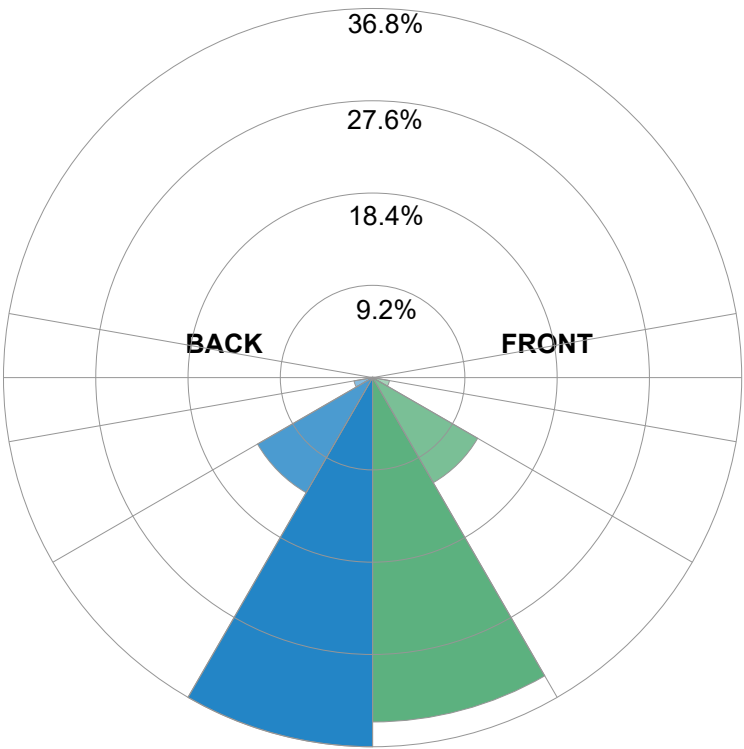
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Linear intensity distribution



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

BUG rating B2 U0 G0



Forward Light

Low (0-30°)	588.4	lm	34.3%
Medium (30-60°)	207.3	lm	12.1%
High (60-80°)	29.2	lm	1.7%
Very High	0.5	lm	0%

Back Light

Low (0-30°)	630.8	lm	36.8%
Medium (30-60°)	227	lm	13.2%
High (60-80°)	32.2	lm	1.9%
Very High	0.8	lm	0%

Uplight

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

Total

Sum	1716	lm	100%
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