

Test report

Light measurement results

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

7/18/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

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

Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

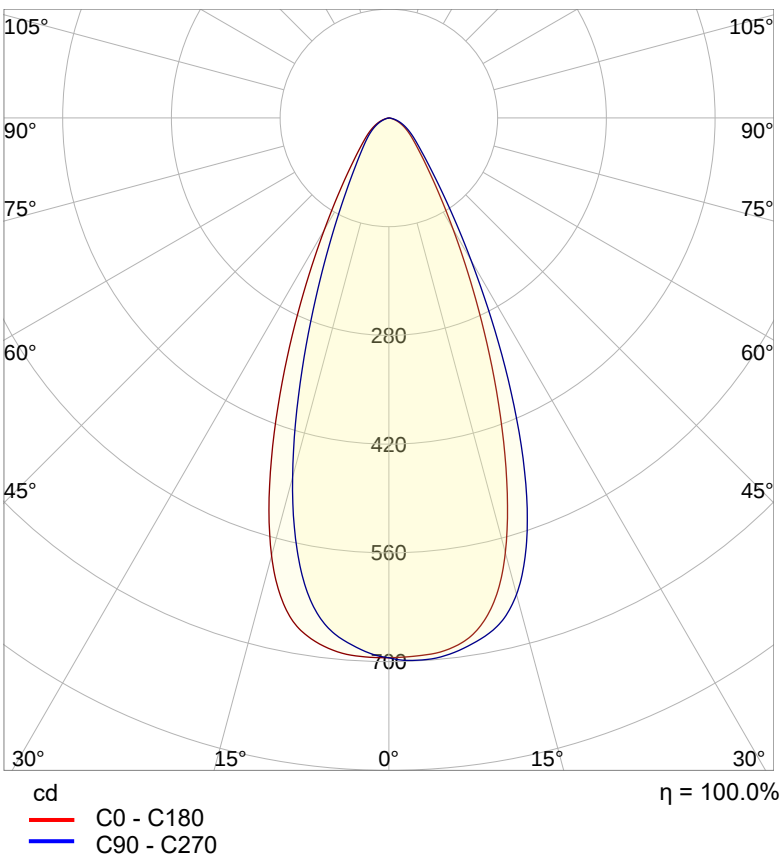
AuroRing-254mm-RGBW BLUE-LumiMax-45D
NONE
Luminoscape

Main Light Measurement Results

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

500 lm
7 lm/W
701 cd
2700 K
CRI 85.0

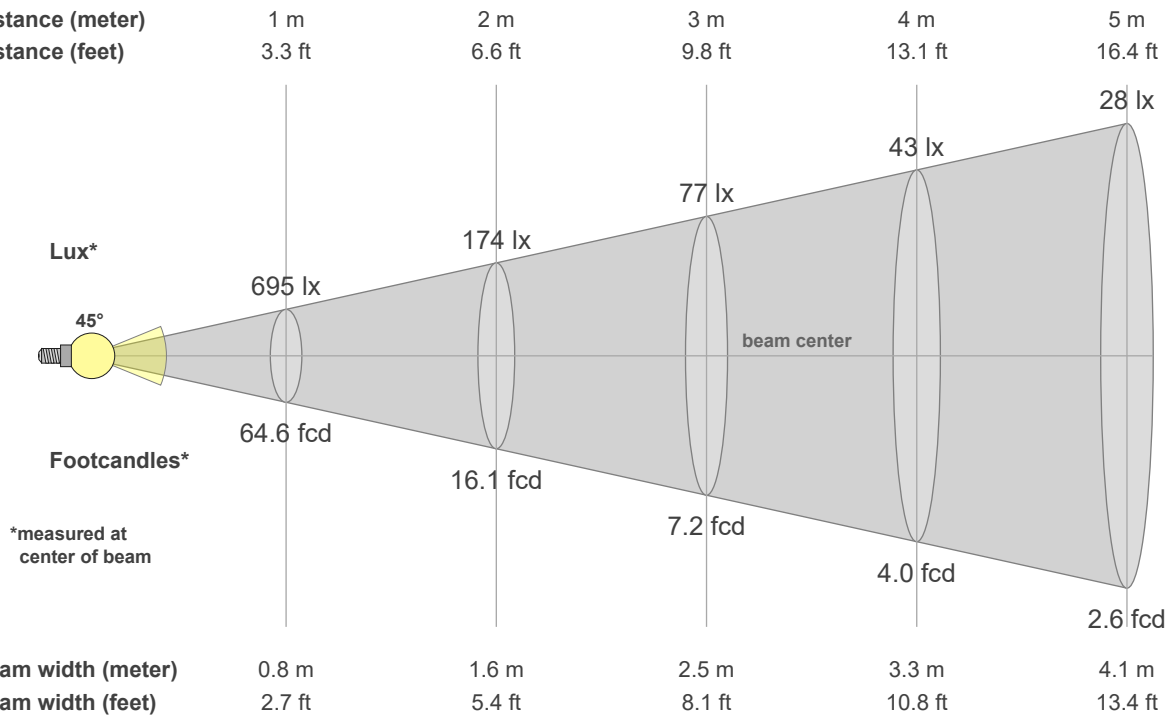
Polar light distribution diagram



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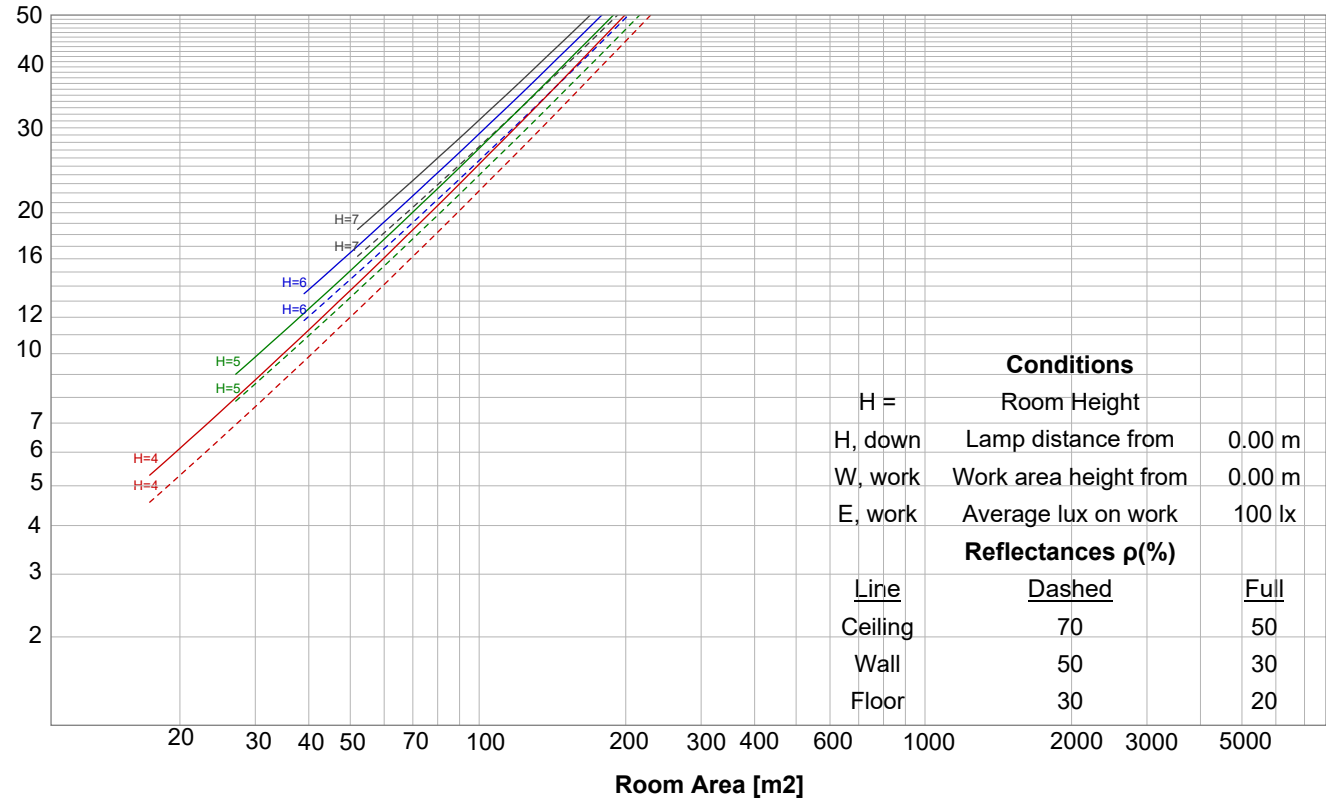
Light measurement results

Beam details



Luminaire budgetary diagram

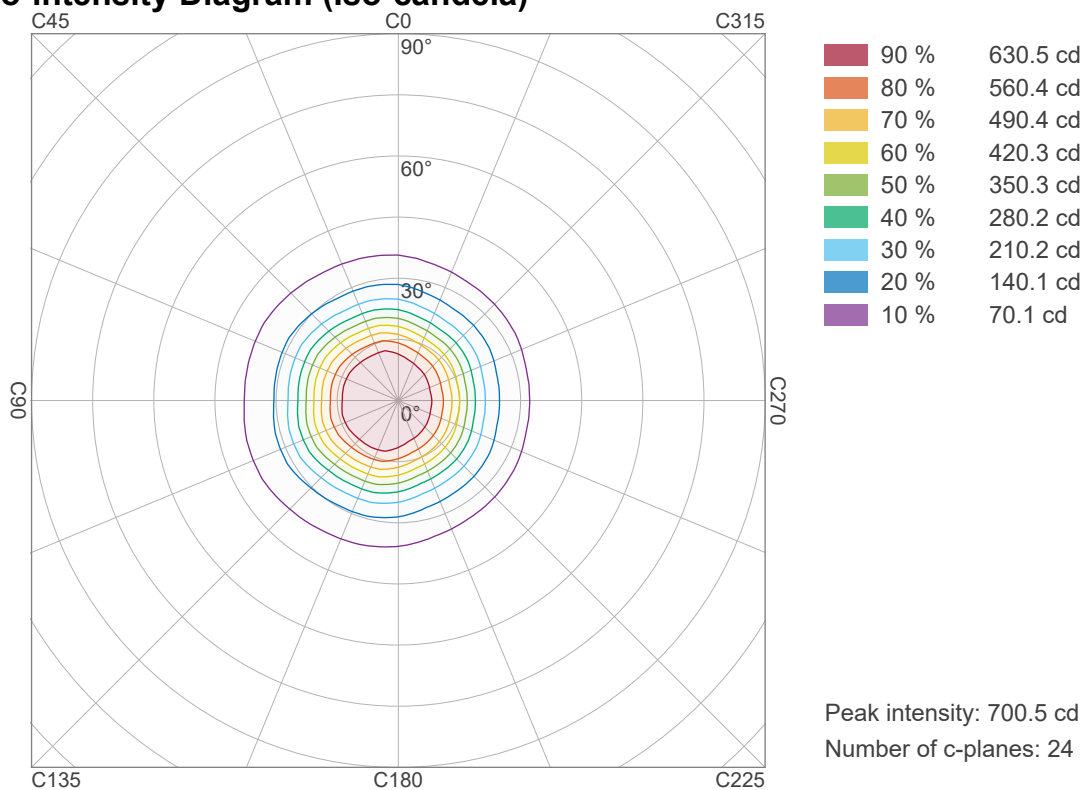
LAMPS (number of lamps)



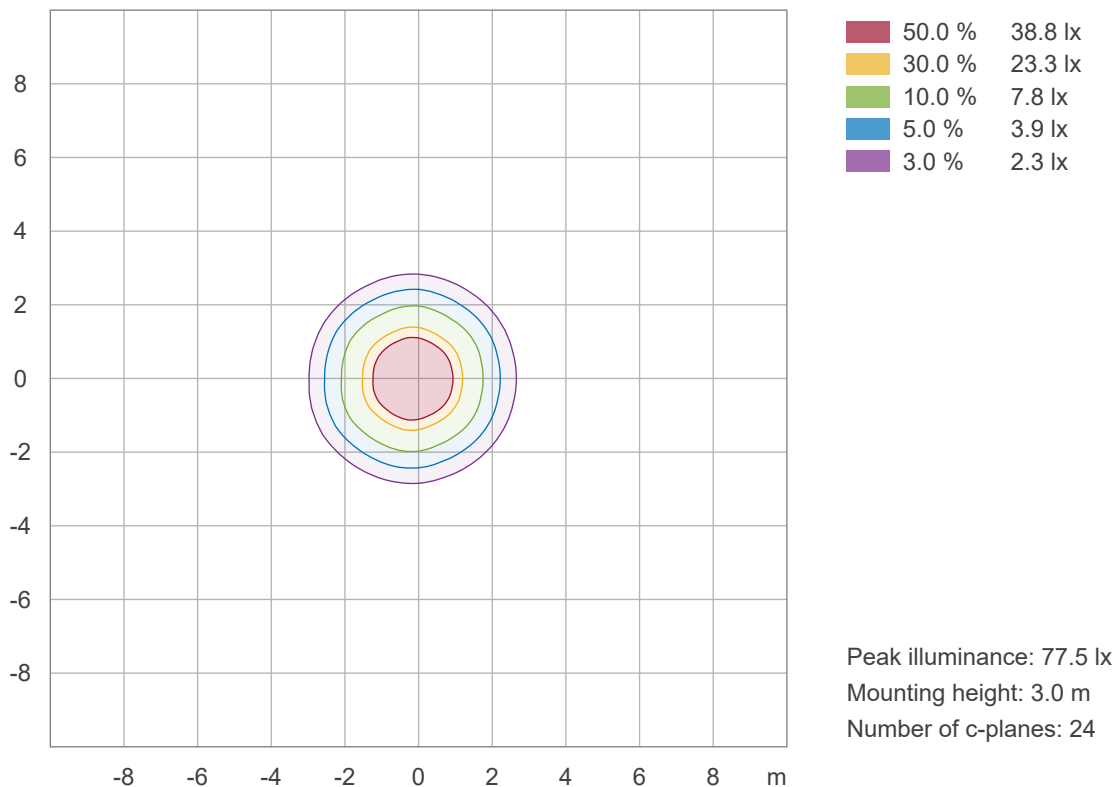
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Iso-intensity Diagram (Iso-candela)



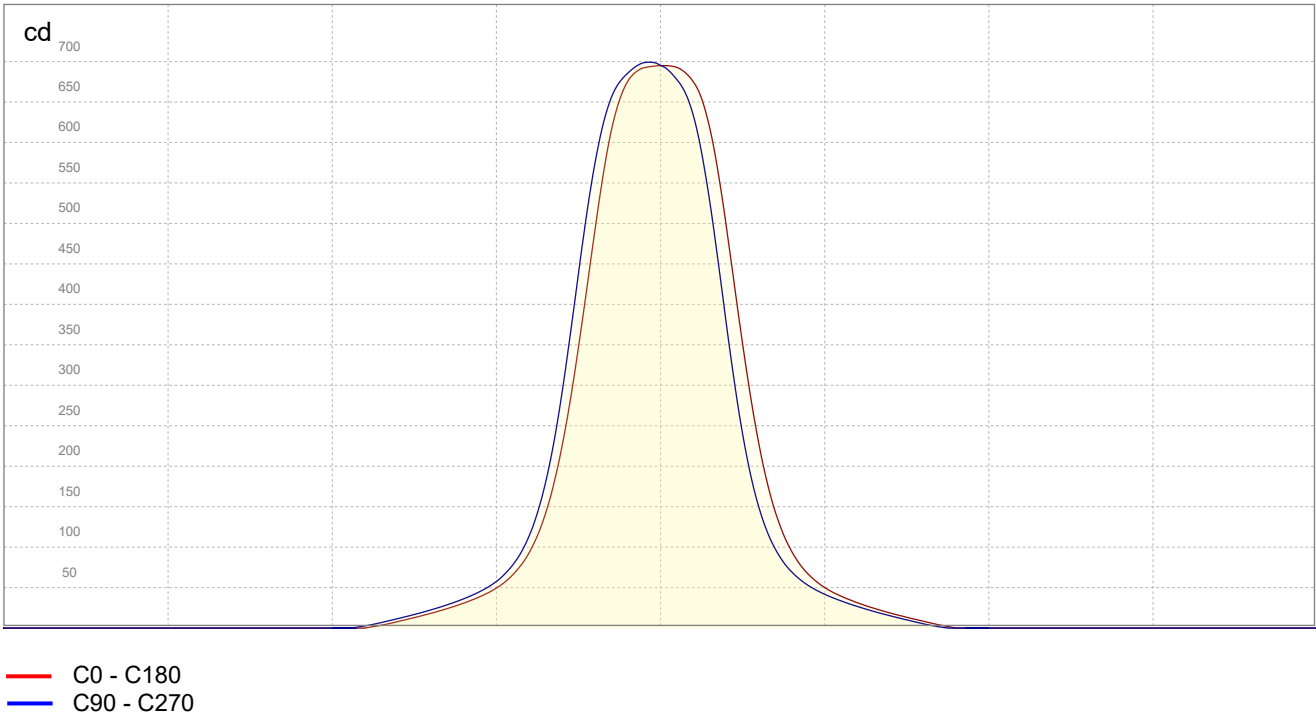
Iso-illuminance Diagram (Iso-lux)



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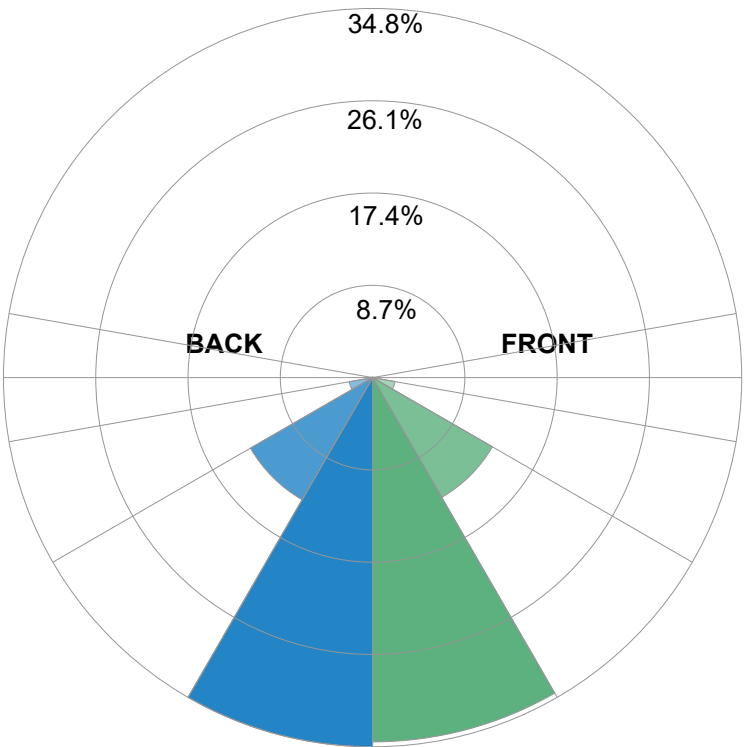
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Linear intensity distribution



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

BUG rating B1 U0 G0



Forward Light

Low (0-30°)	171.9	lm	34.4%
Medium (30-60°)	65.2	lm	13%
High (60-80°)	10.8	lm	2.2%
Very High	0.1	lm	0%

Back Light

Low (0-30°)	174.1	lm	34.8%
Medium (30-60°)	66.5	lm	13.3%
High (60-80°)	11.2	lm	2.2%
Very High	0.1	lm	0%

Uplight

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

Total

Sum	500	lm	100%
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