

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}°
71.2 W

Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

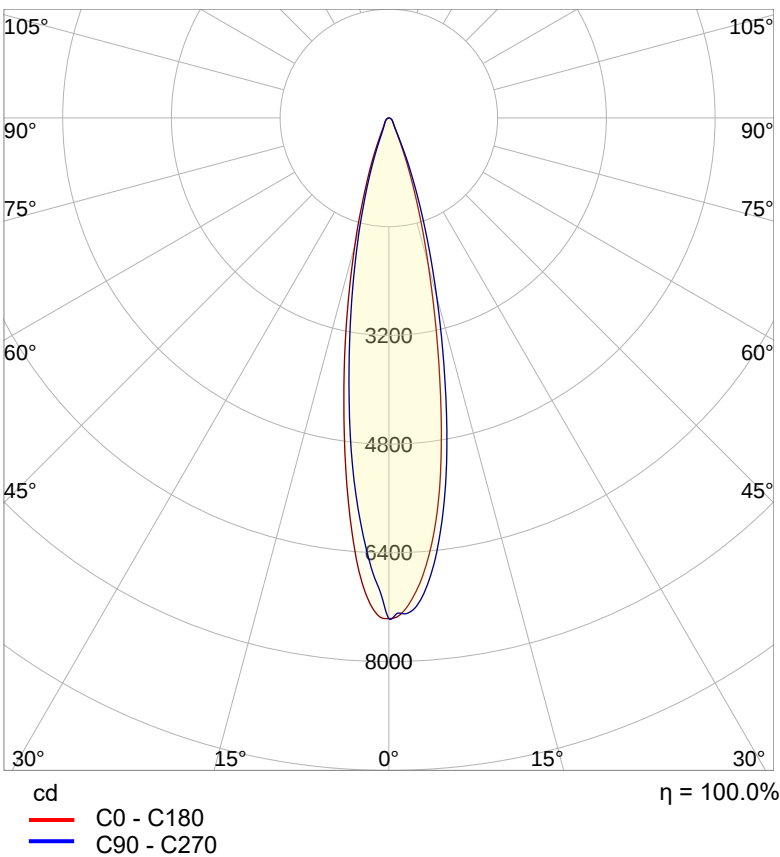
AuroRing-254mm-RGBW RED-LumiMax-20D
NONE
Luminosape

Main Light Measurement Results

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

1562 lm – 0% / 100%
22 lm/W
7640 cd
2700 K
CRI 85.0

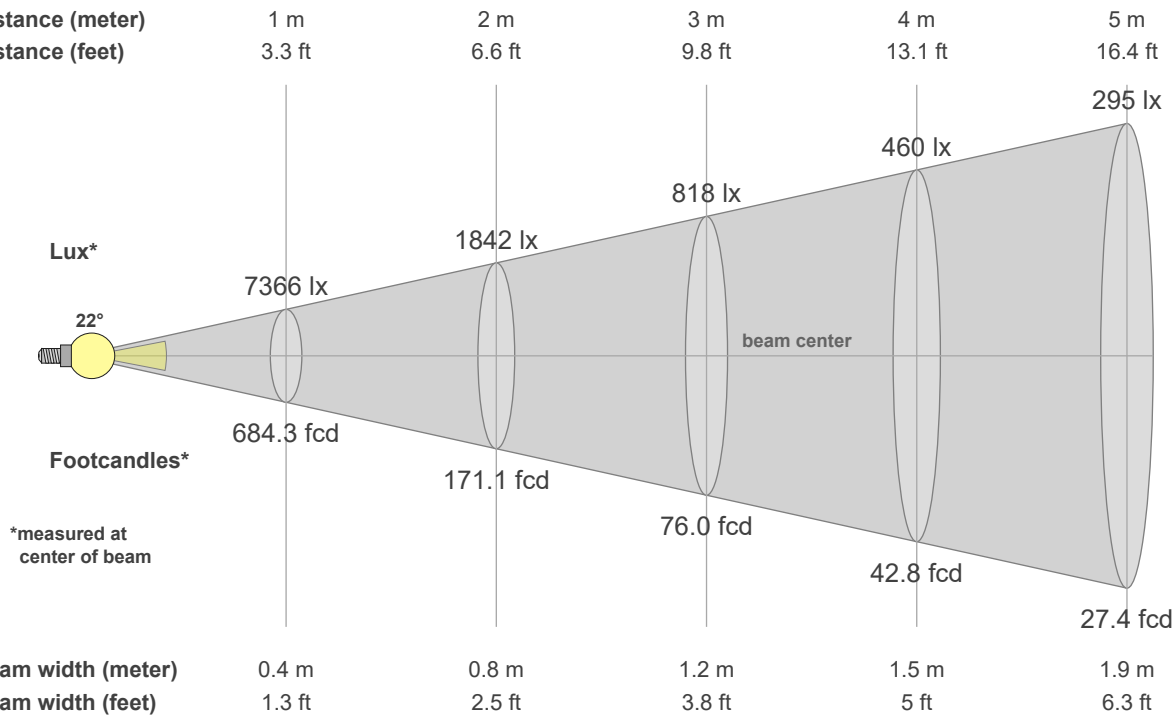
Polar light distribution diagram



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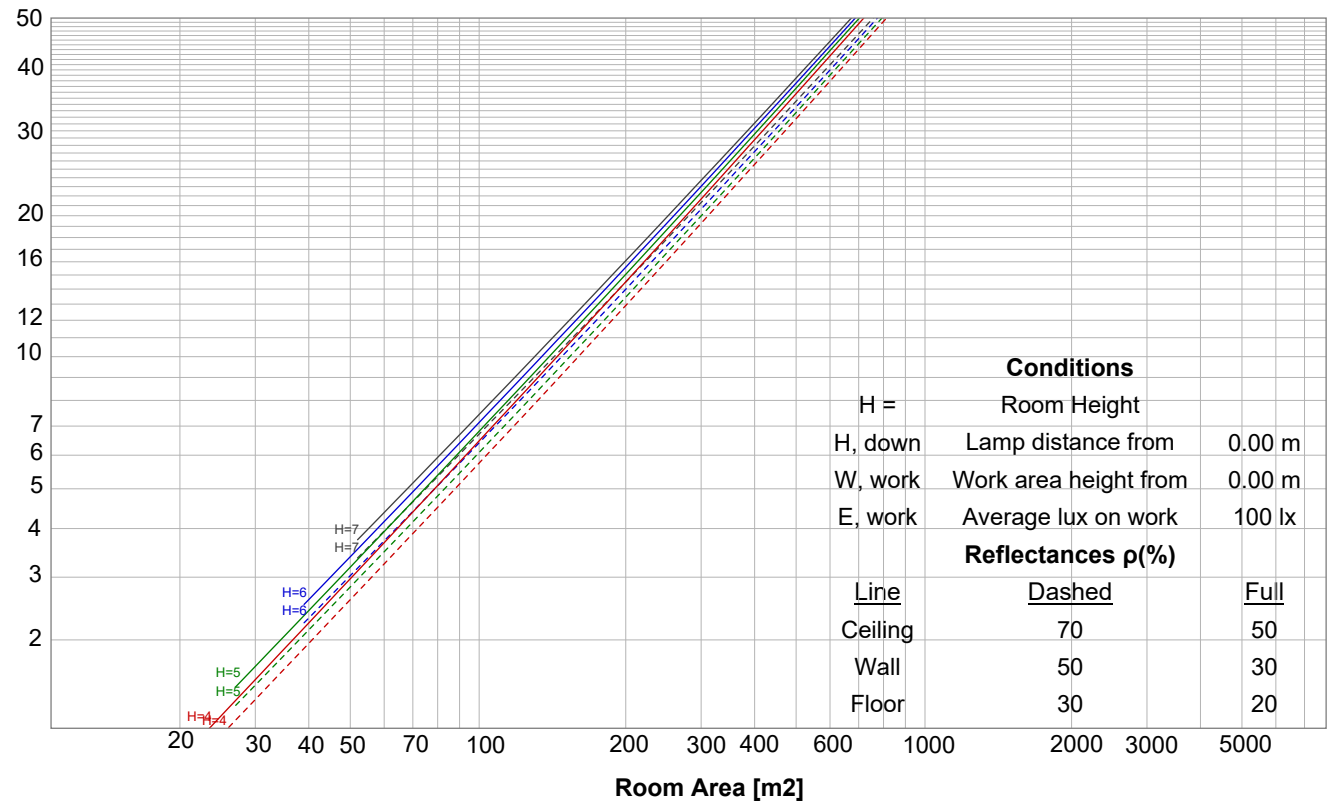
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Beam details



Luminaire budgetary diagram

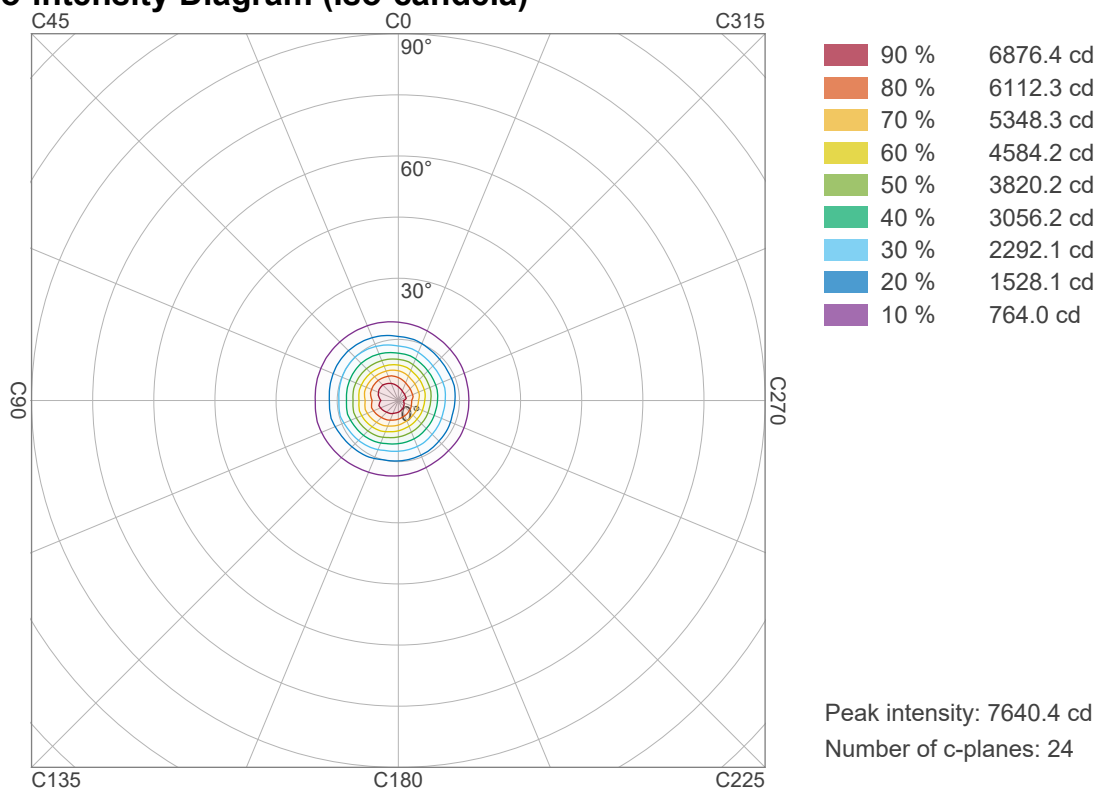
LAMPS (number of lamps)



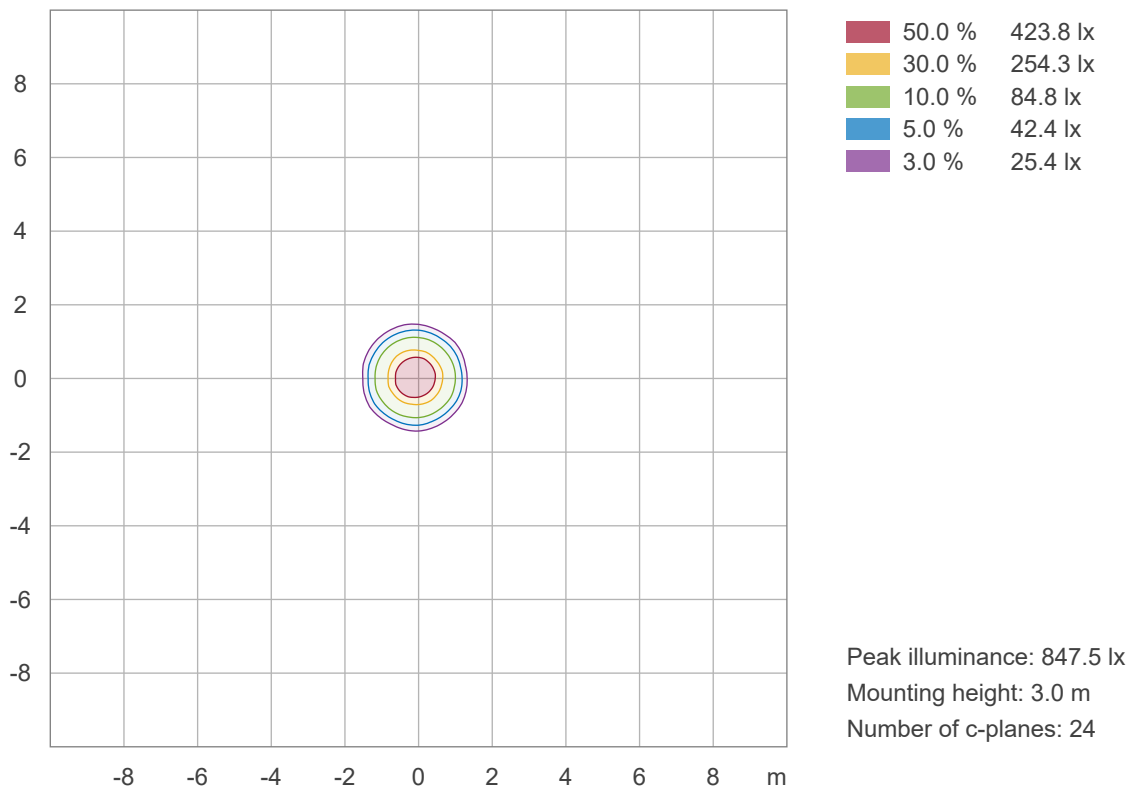
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Iso-intensity Diagram (Iso-candela)



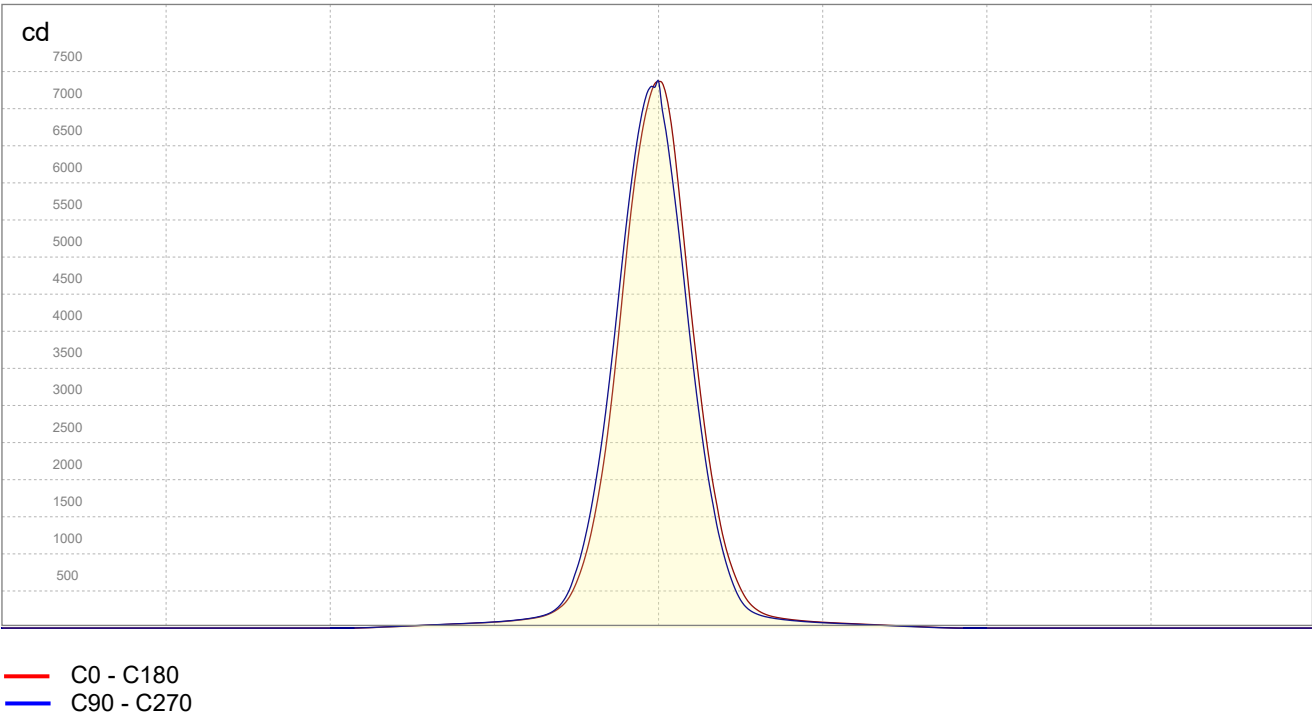
Iso-illuminance Diagram (Iso-lux)



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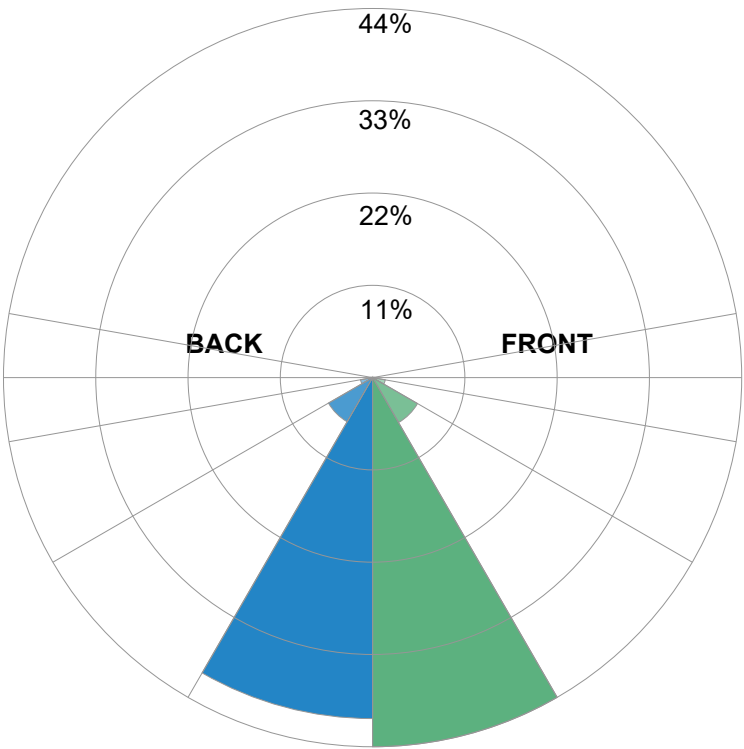
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Linear intensity distribution



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

BUG rating B2 U0 G0



Forward Light

Low (0-30°)	687.5	lm	44%
Medium (30-60°)	96.6	lm	6.2%
High (60-80°)	24	lm	1.5%
Very High	0.5	lm	0%

Back Light

Low (0-30°)	635	lm	40.7%
Medium (30-60°)	94.9	lm	6.1%
High (60-80°)	22.8	lm	1.5%
Very High	0.3	lm	0%

Uplight

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

Total

Sum	1562	lm	100%
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