

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}°
73.3 W

Tested Light Source

Luminaire
Basic Luminous Shape
Item No.
Manufacturer

AuroRing-254mm-RGBW ALL-20D (FULL CHANNEL)
NONE

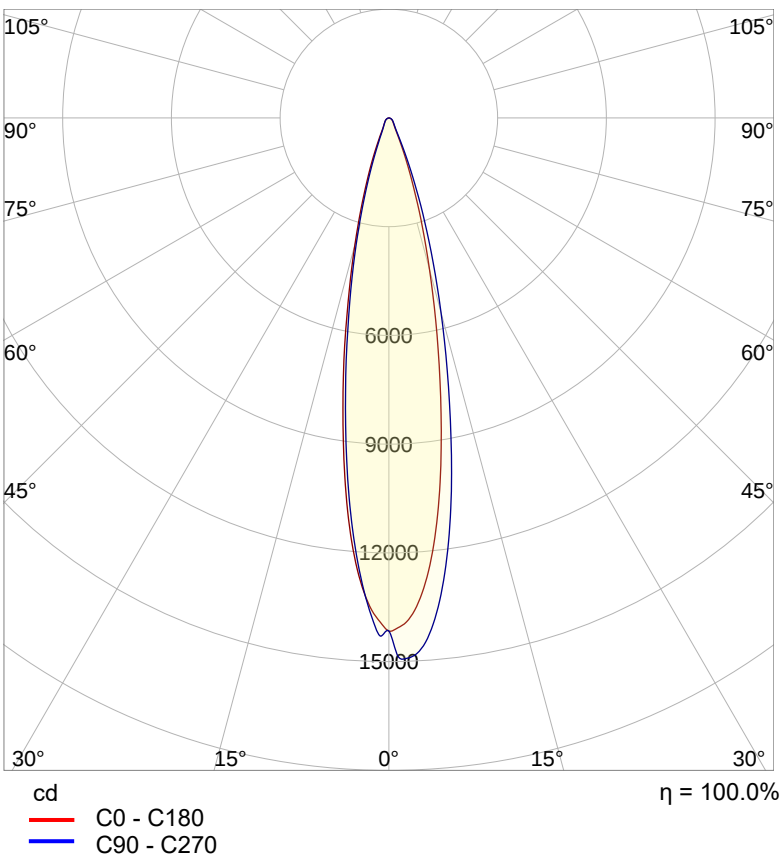
Luminoscape

Main Light Measurement Results

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

3029 lm –
41 lm/W
14911 cd
2700 K
CRI 85.0

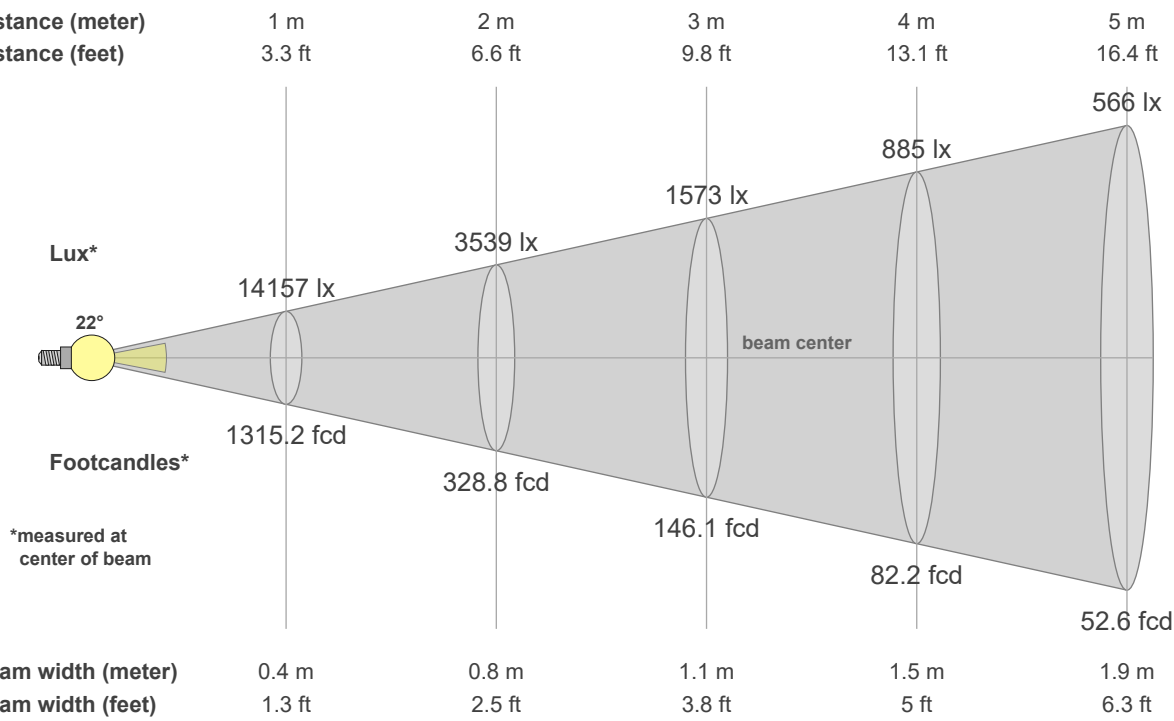
Polar light distribution diagram



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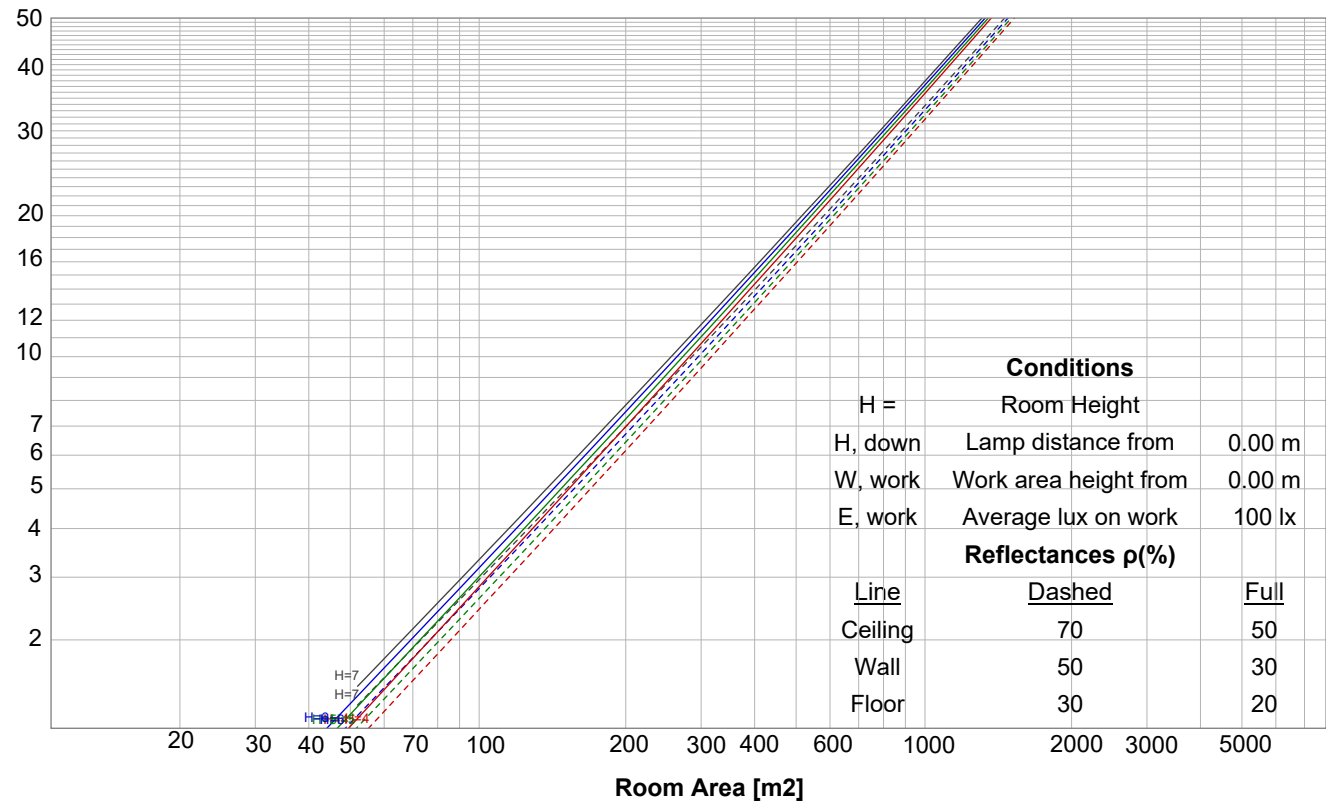
Light measurement results

Beam details



Luminaire budgetary diagram

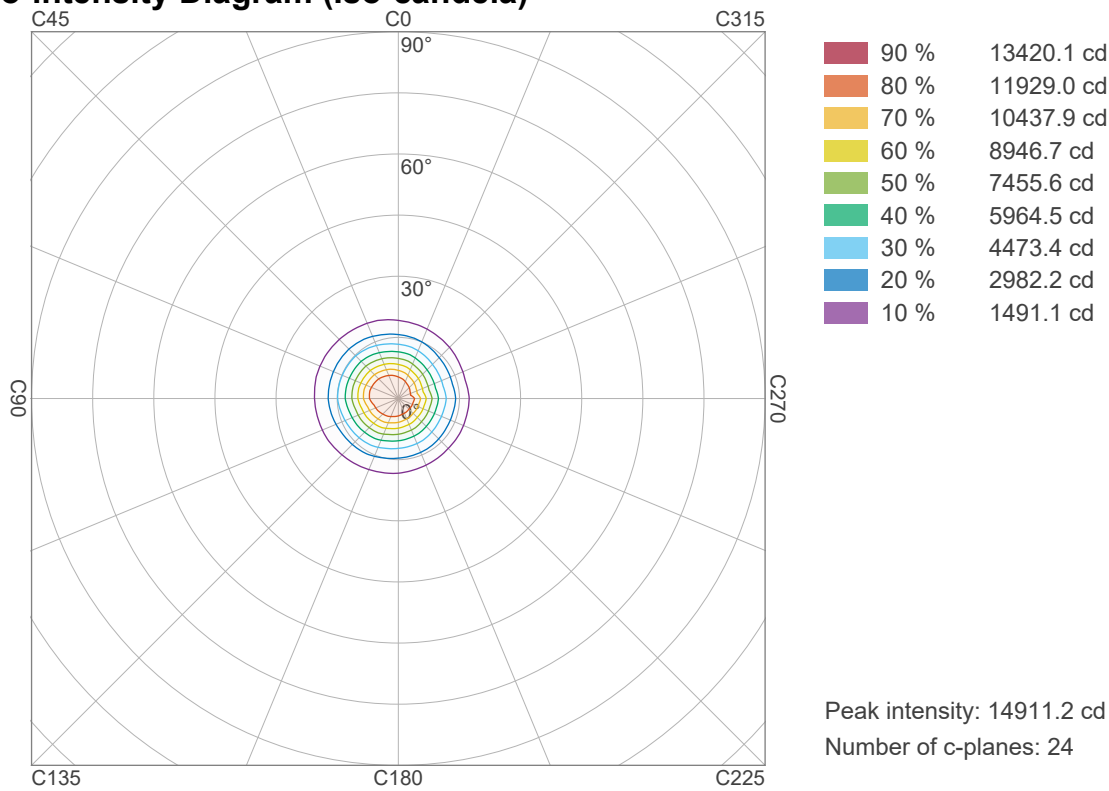
LAMPS (number of lamps)



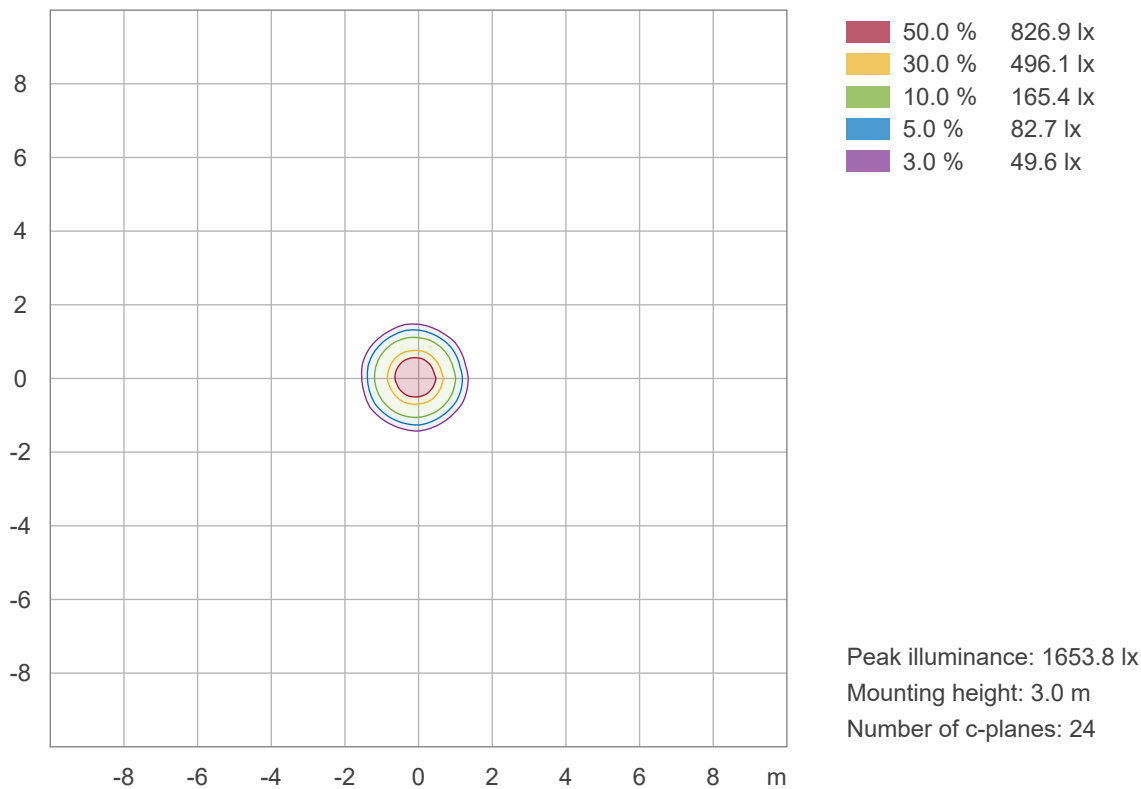
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Iso-intensity Diagram (Iso-candela)



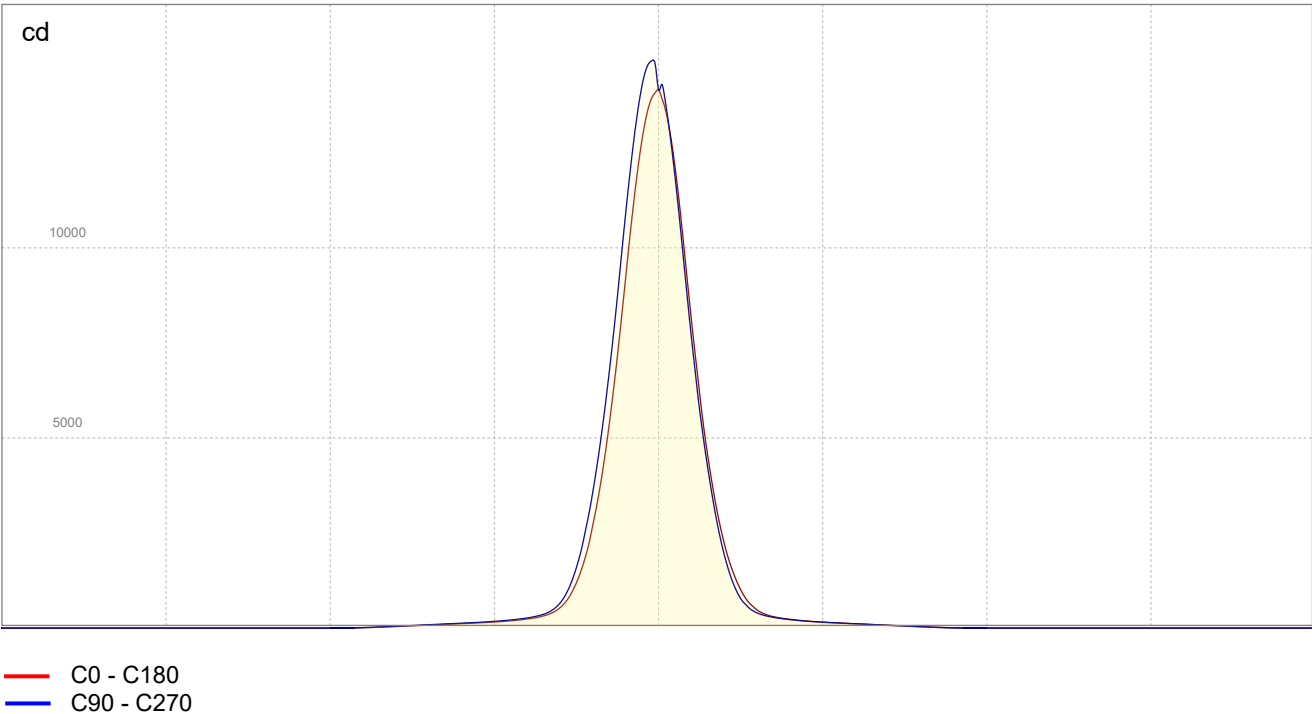
Iso-illuminance Diagram (Iso-lux)



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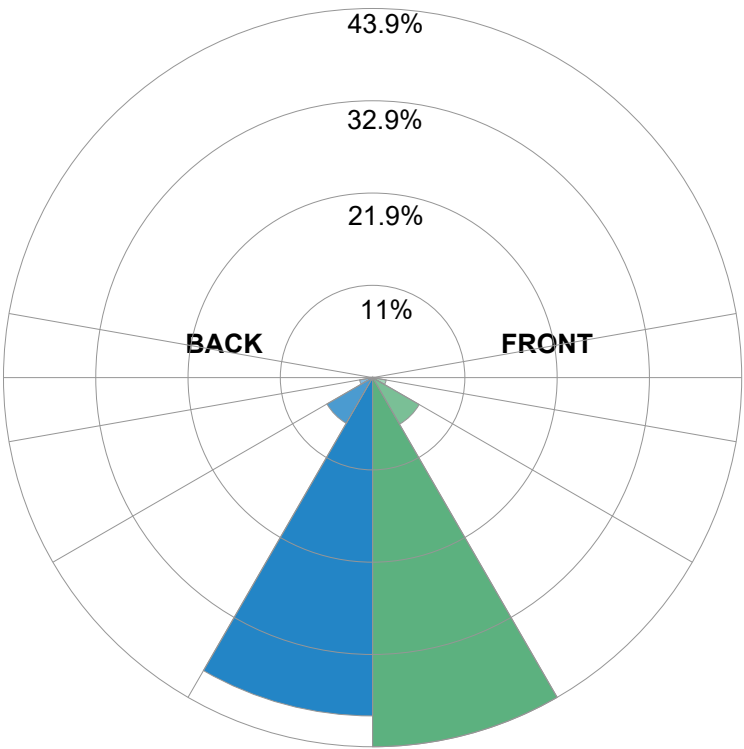
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Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	1328.5 lm	43.9%
Medium (30-60°)	193.6 lm	6.4%
High (60-80°)	49.7 lm	1.6%
Very High	1.8 lm	0.1%

Back Light

Low (0-30°)	1217.6 lm	40.2%
Medium (30-60°)	189.7 lm	6.3%
High (60-80°)	47.4 lm	1.6%
Very High	1.5 lm	0%

Uplight

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

Total

Sum	3029 lm	100%
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