

Test report

Light measurement results

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

7/17/2025

Measurement Conditions

Tested c-planes

25 – distance {C_PLANES_DIST}°

Tested gamma angles

181 – {H_PLANES_DIST}°

Input Power

71.0 W

Tested Light Source

Luminaire

AuroRing-254mm-RGBW 4000K-LumiMax-20D

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen

4647 lm

Efficiency

65 lm/W

Peak Intensity

22252 cd

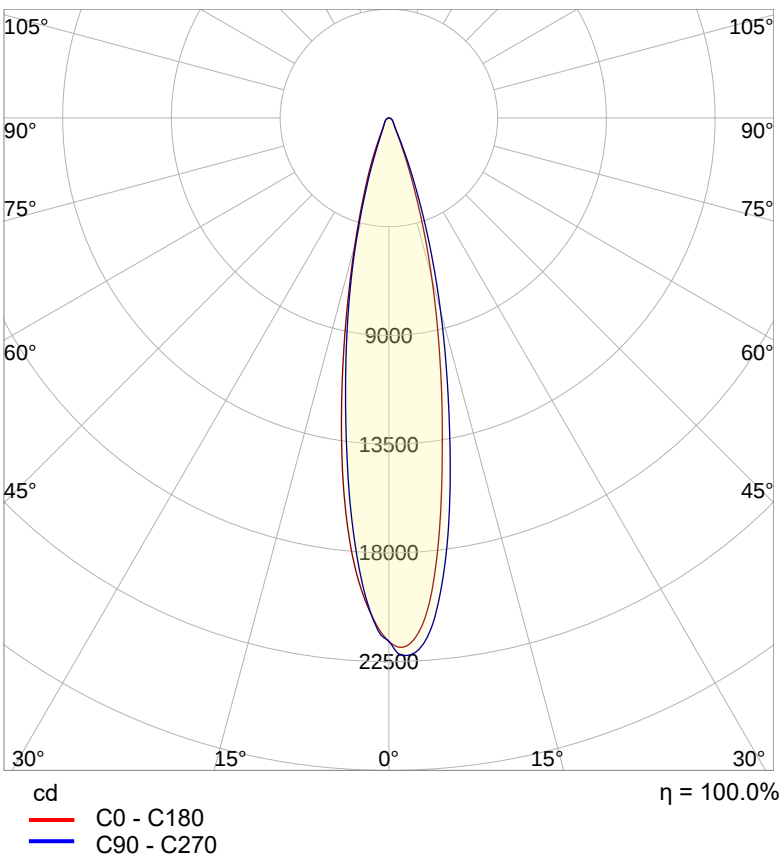
Correlated Color Temperature, CCT

2700 K

Color Rendering Index

CRI 85.0

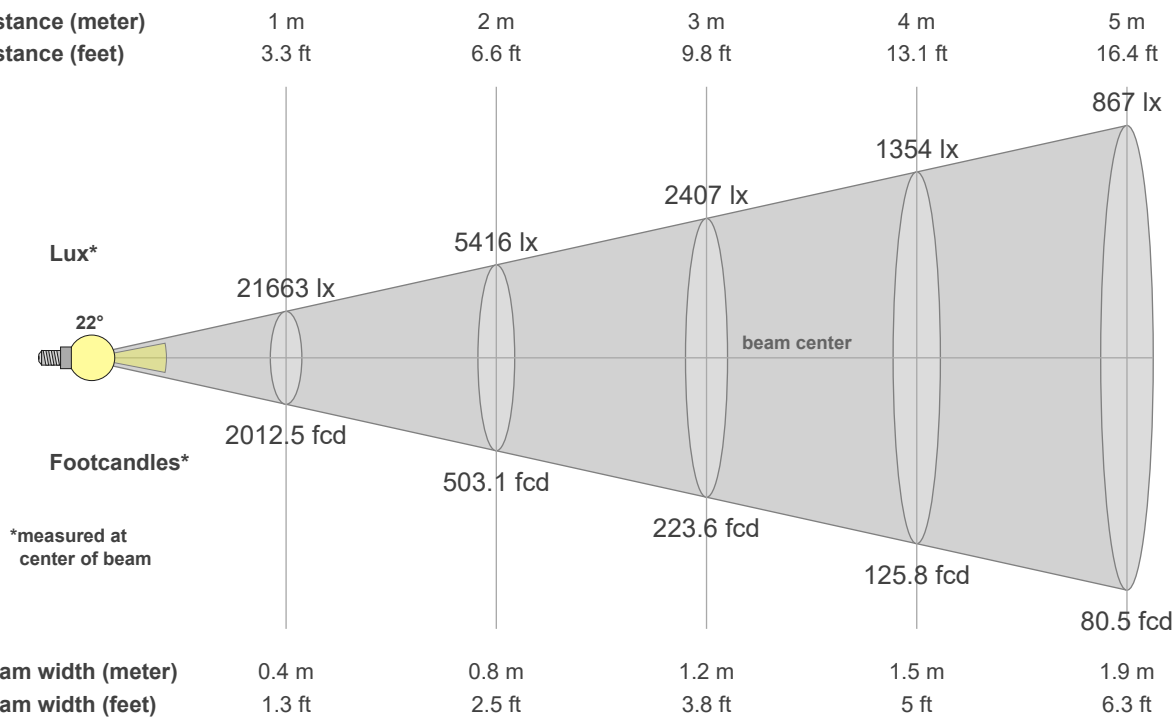
Polar light distribution diagram



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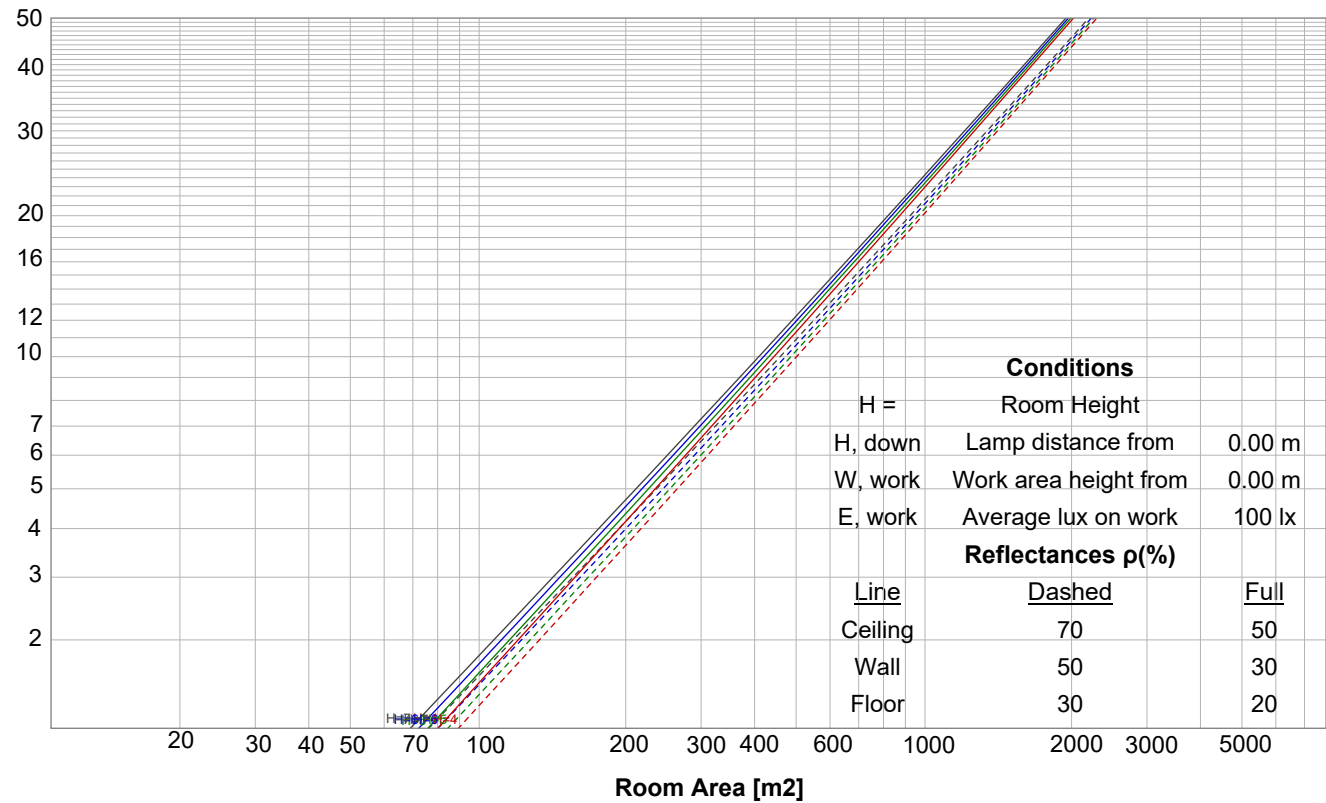
Light measurement results

Beam details



Luminaire budgetary diagram

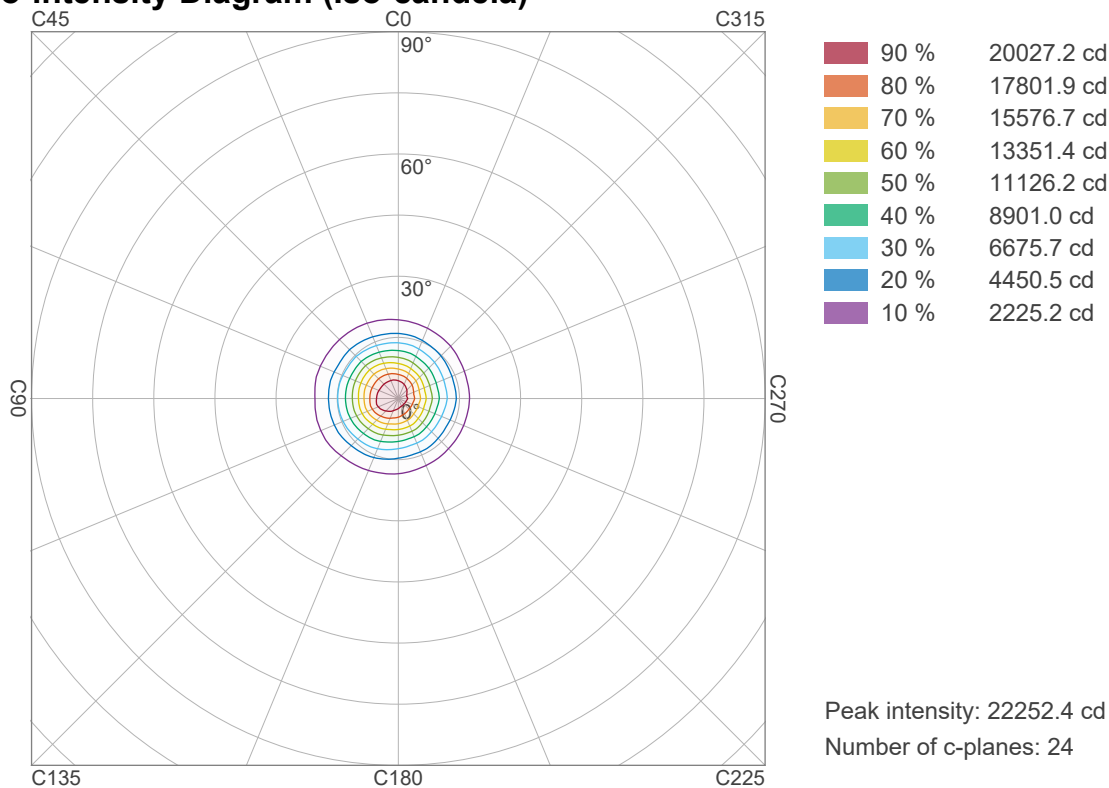
LAMPS (number of lamps)



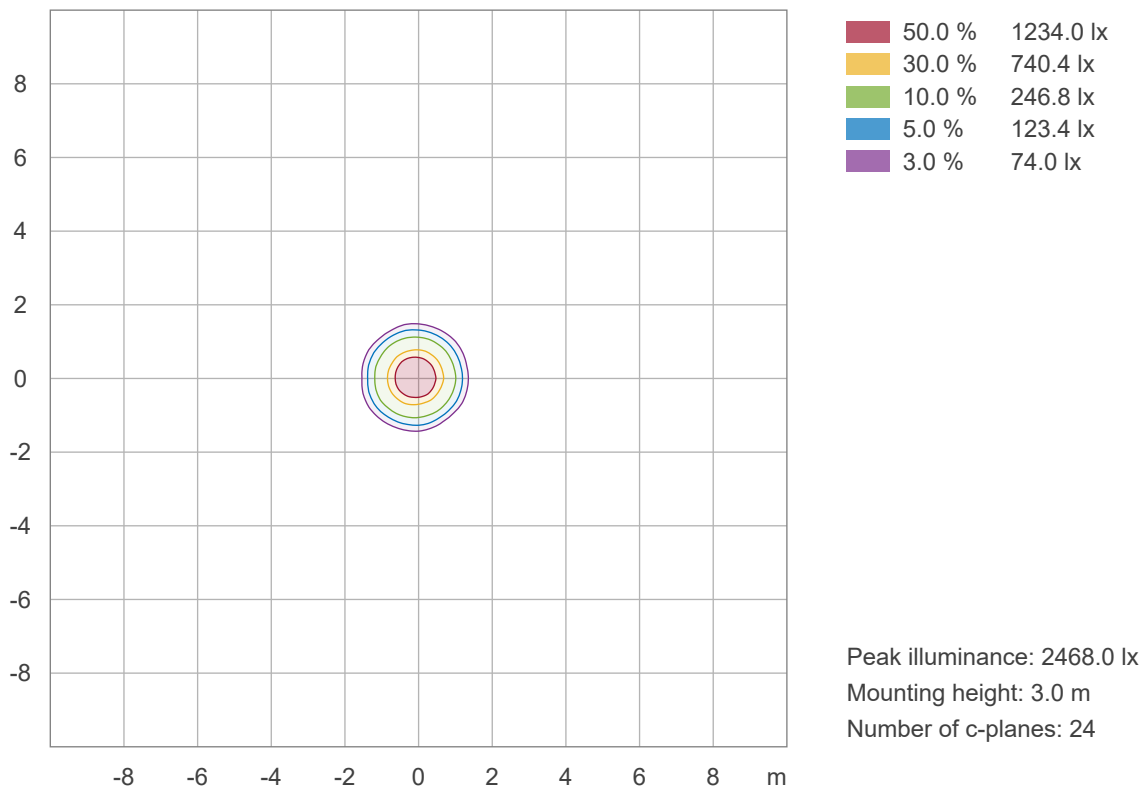
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Iso-intensity Diagram (Iso-candela)



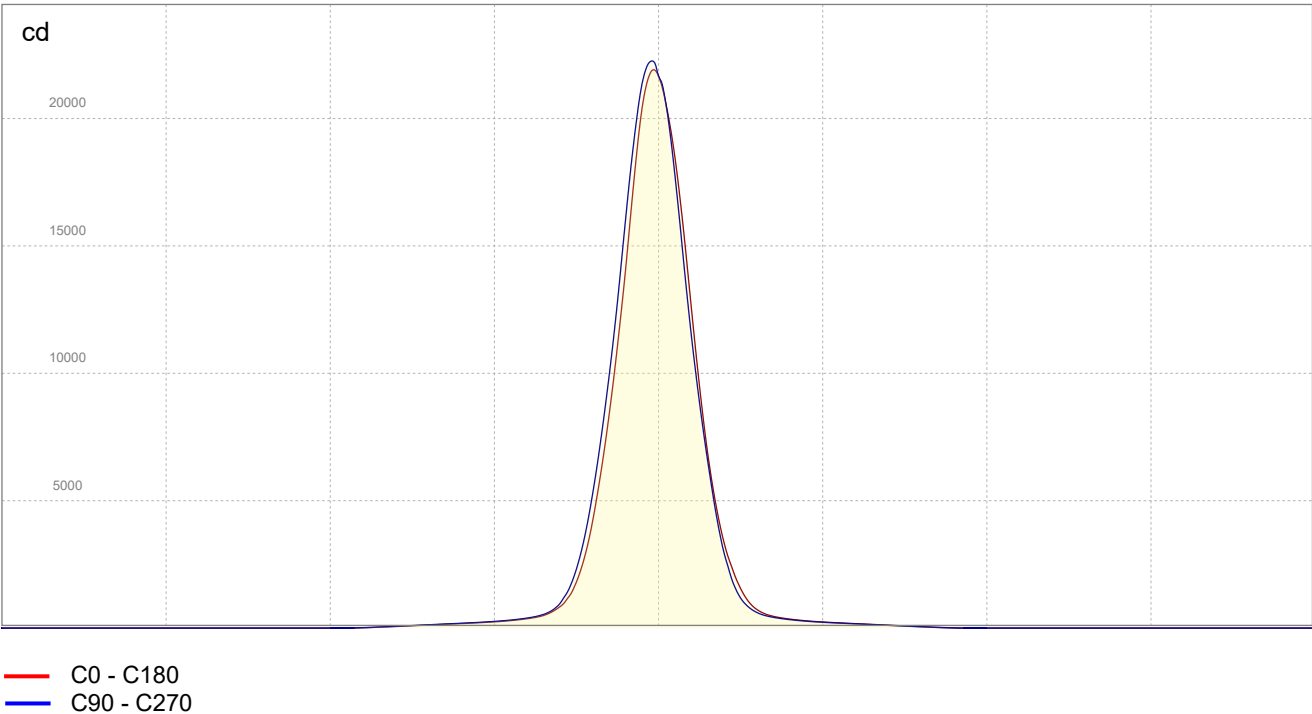
Iso-illuminance Diagram (Iso-lux)



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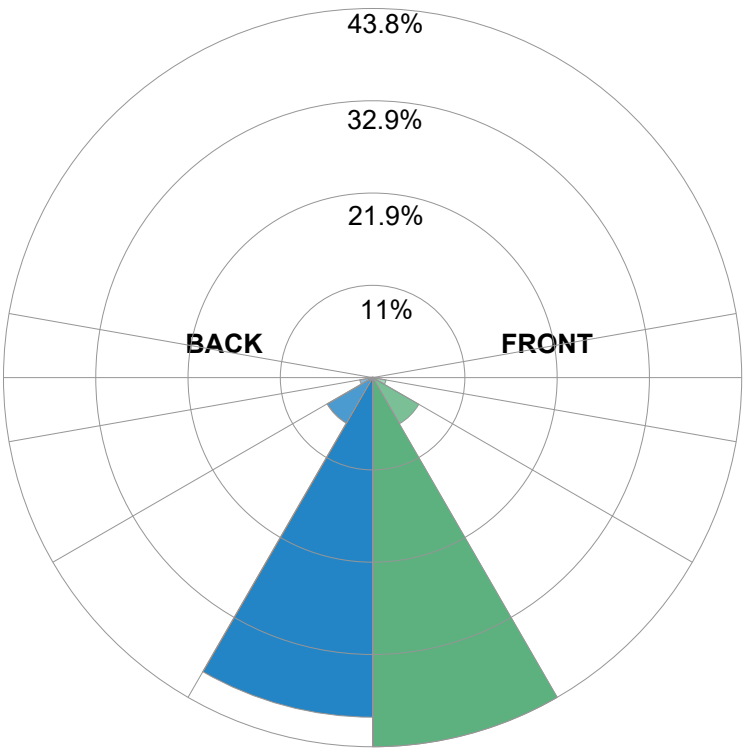
Light measurement results

Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	2037.4 lm	43.8%
Medium (30-60°)	294.4 lm	6.3%
High (60-80°)	75.1 lm	1.6%
Very High	2.1 lm	0%

Back Light

Low (0-30°)	1874.2 lm	40.3%
Medium (30-60°)	290.3 lm	6.2%
High (60-80°)	71.8 lm	1.5%
Very High	1.7 lm	0%

Uplight

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

Total

Sum	4647 lm	100%
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