

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

71.5 W

Tested Light Source

Luminaire

AuroRing-254mm-RGBW GREEN-LumiMax-20D

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen

2931 lm

Efficiency

41 lm/W

Peak Intensity

14277 cd

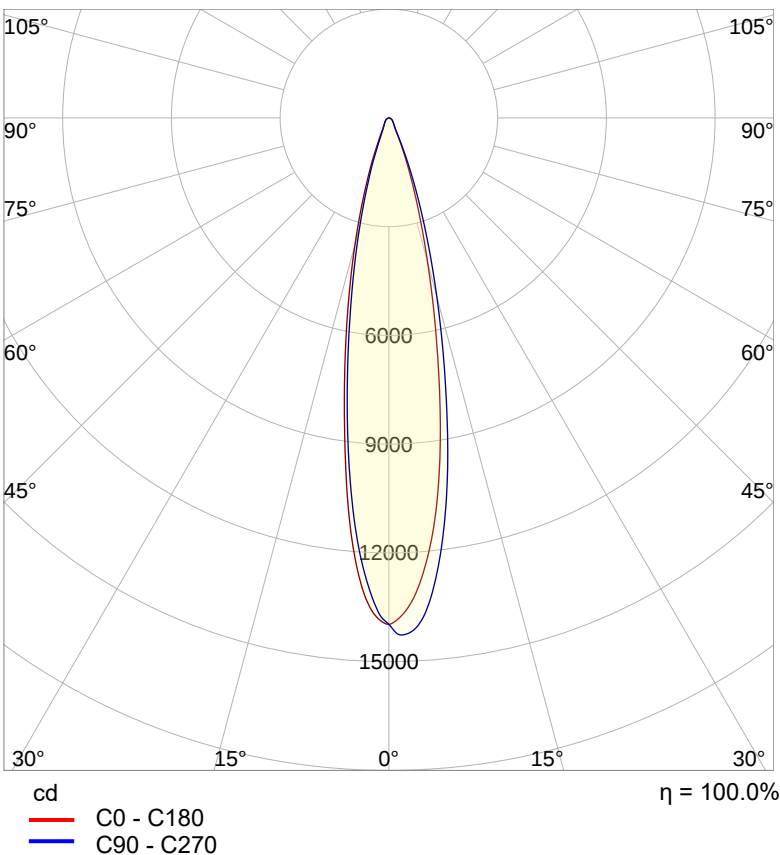
Correlated Color Temperature, CCT

2700 K

Color Rendering Index

CRI 85.0

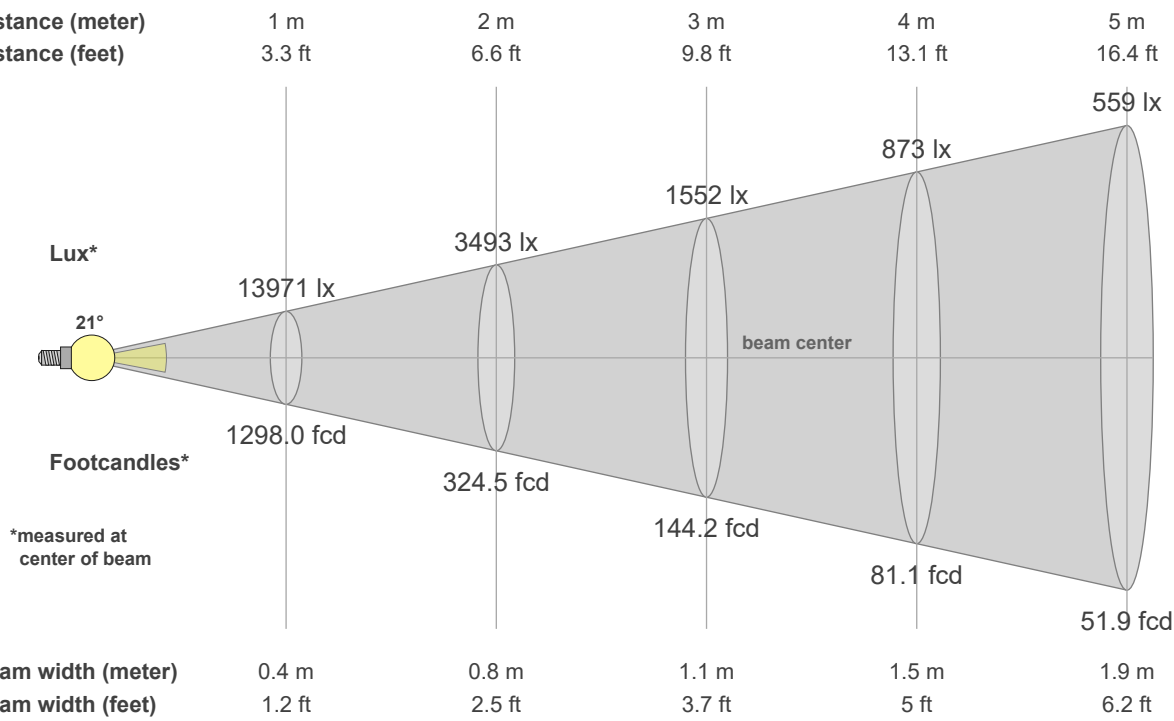
Polar light distribution diagram



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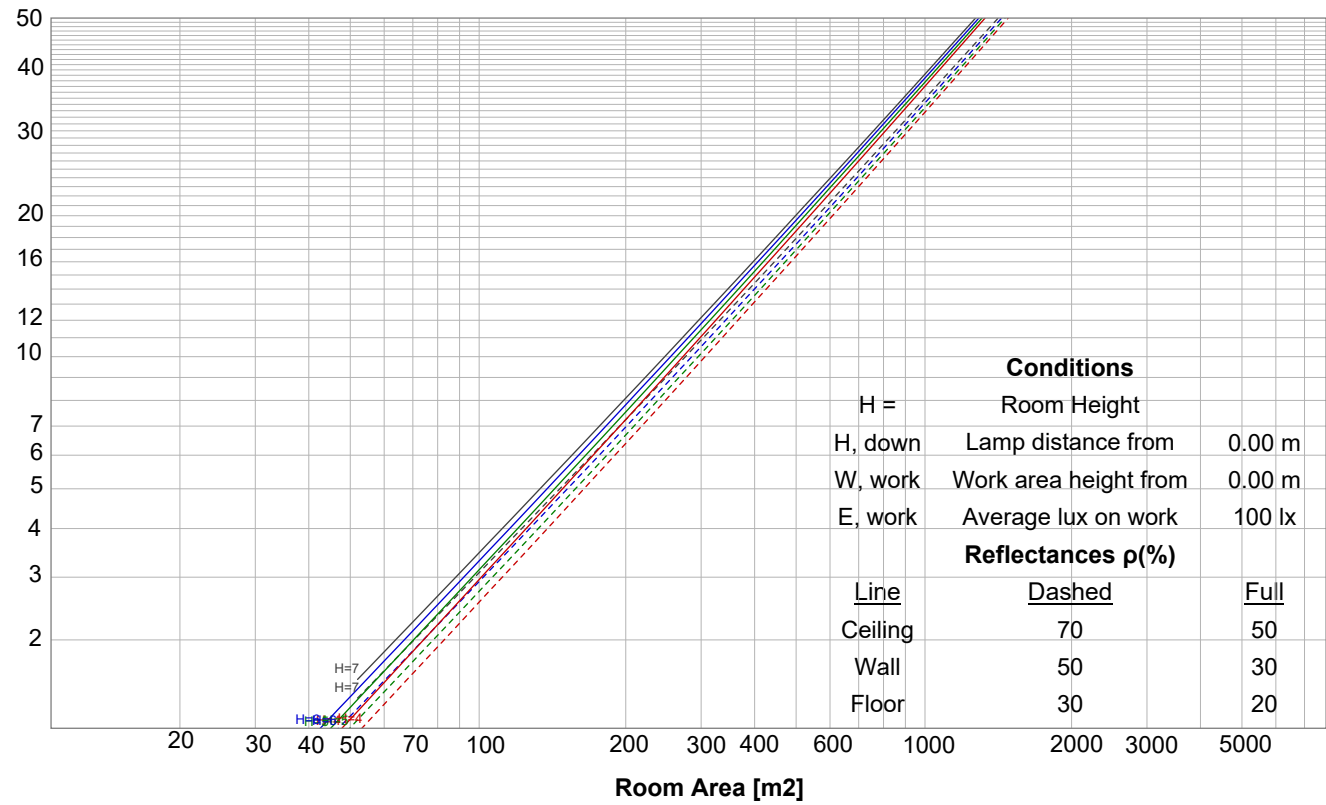
Light measurement results

Beam details



Luminaire budgetary diagram

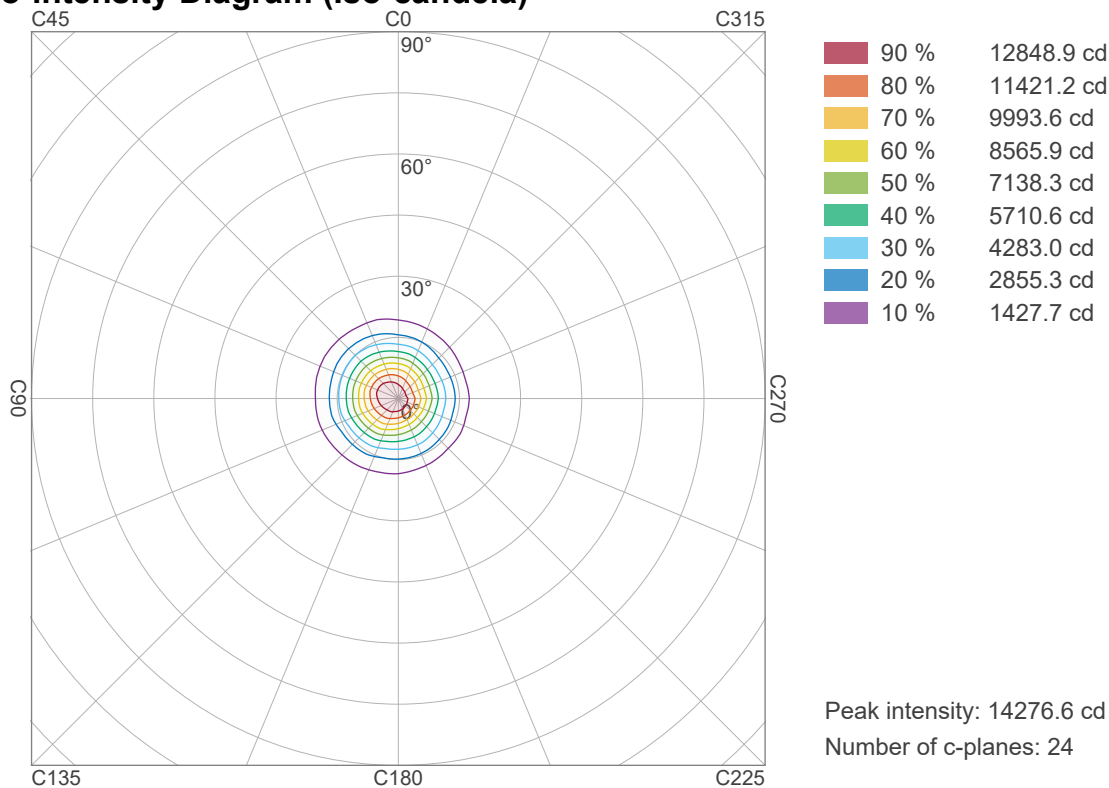
LAMPS (number of lamps)



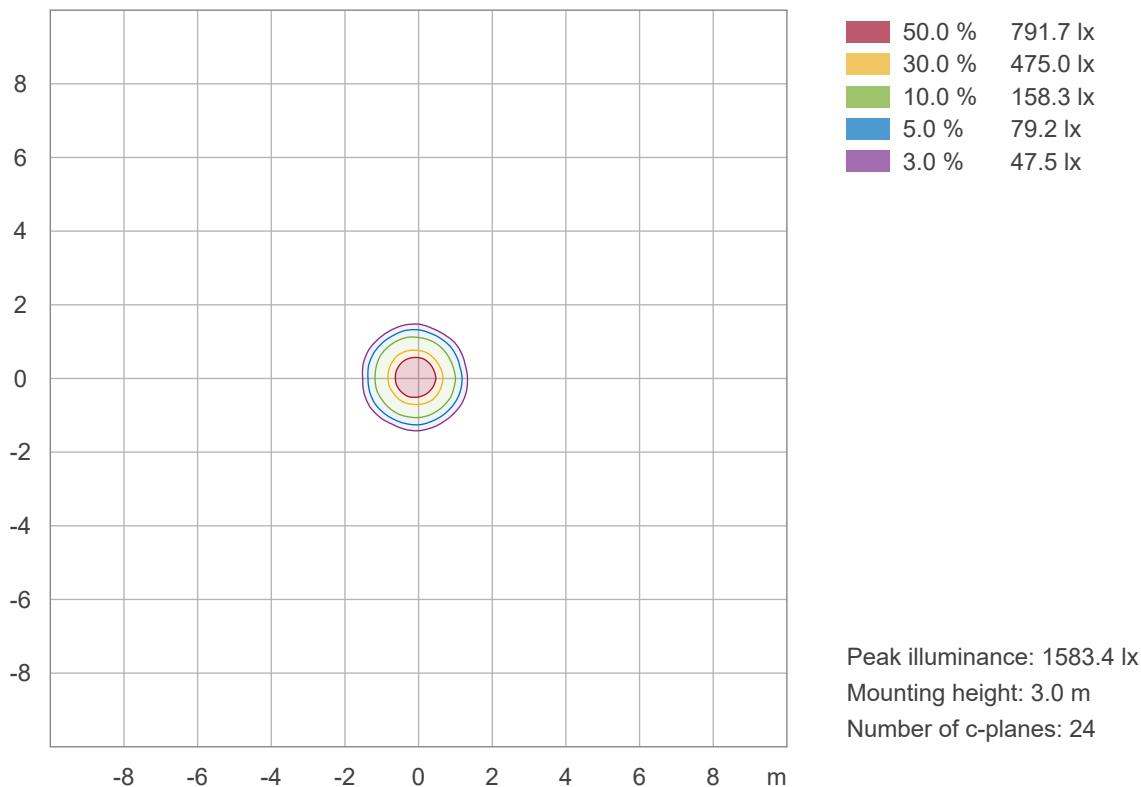
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Iso-intensity Diagram (Iso-candela)



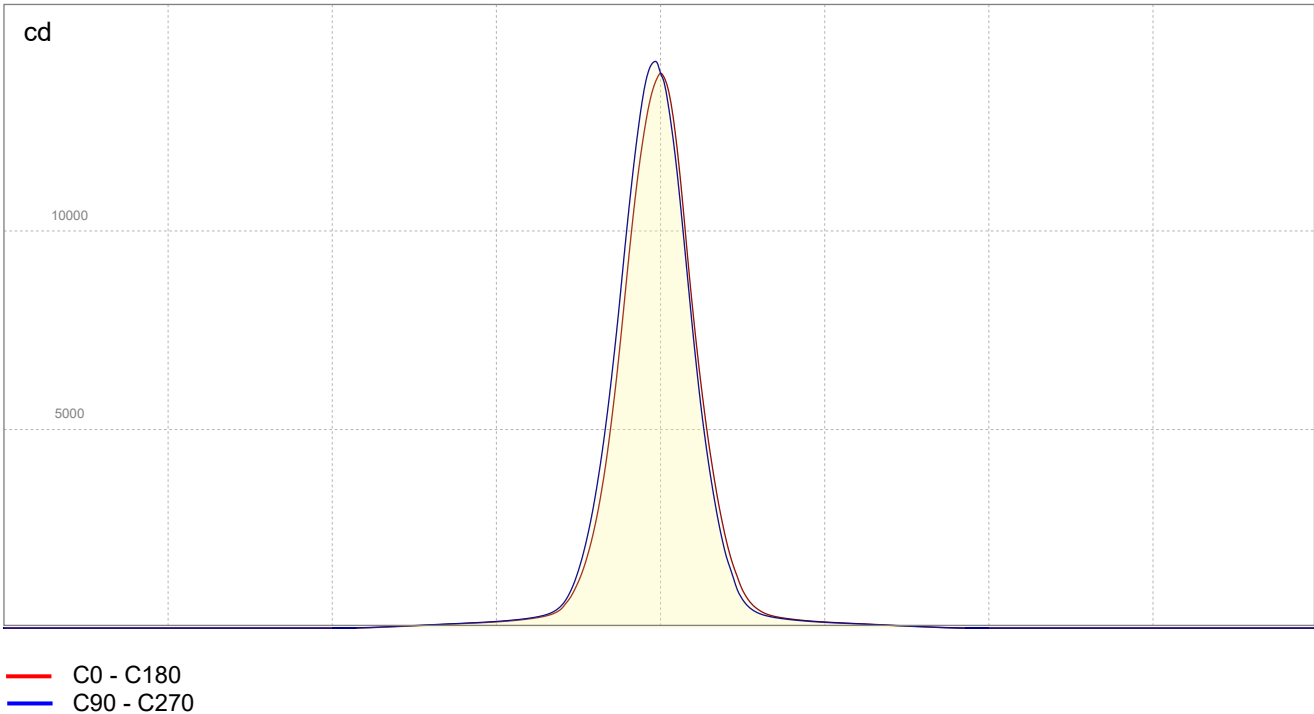
Iso-illuminance Diagram (Iso-lux)



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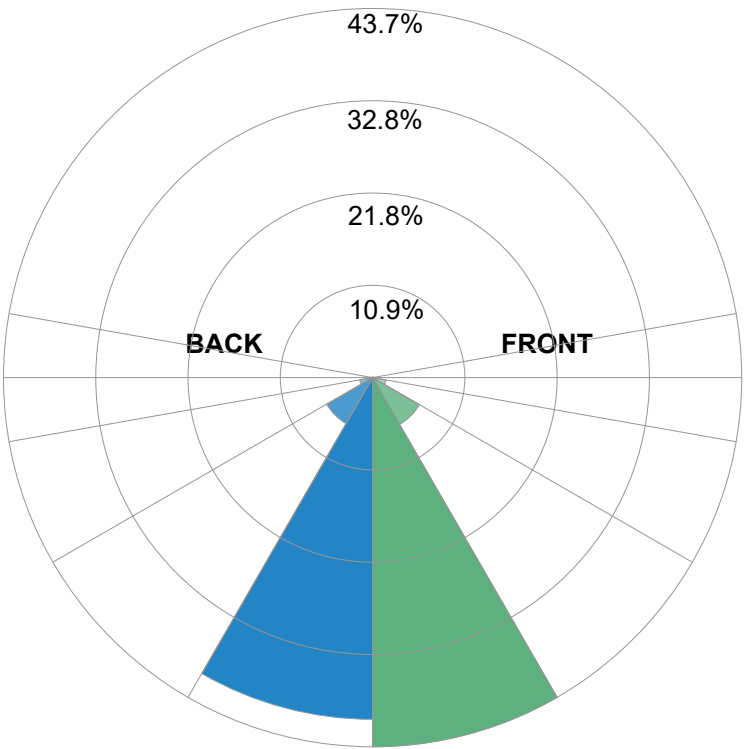
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Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	1280	lm	43.7%
Medium (30-60°)	187.4	lm	6.4%
High (60-80°)	47.2	lm	1.6%
Very High	1.4	lm	0%

Back Light

Low (0-30°)	1184.9	lm	40.4%
Medium (30-60°)	183.8	lm	6.3%
High (60-80°)	45.2	lm	1.5%
Very High	1.1	lm	0%

Uplight

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

Total

Sum	2931	lm	100%
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