

Test report

Light measurement results

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

7/18/2025

Measurement Conditions

Tested c-planes

25 – distance {C_PLANES_DIST}°

Tested gamma angles

181 – {H_PLANES_DIST}°

Input Power

72.0 W

Tested Light Source

Luminaire

AuroRing-254mm-RGBW 4000K-LumiMax-45D

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen

4474 lm

Efficiency

62 lm/W

Peak Intensity

6407 cd

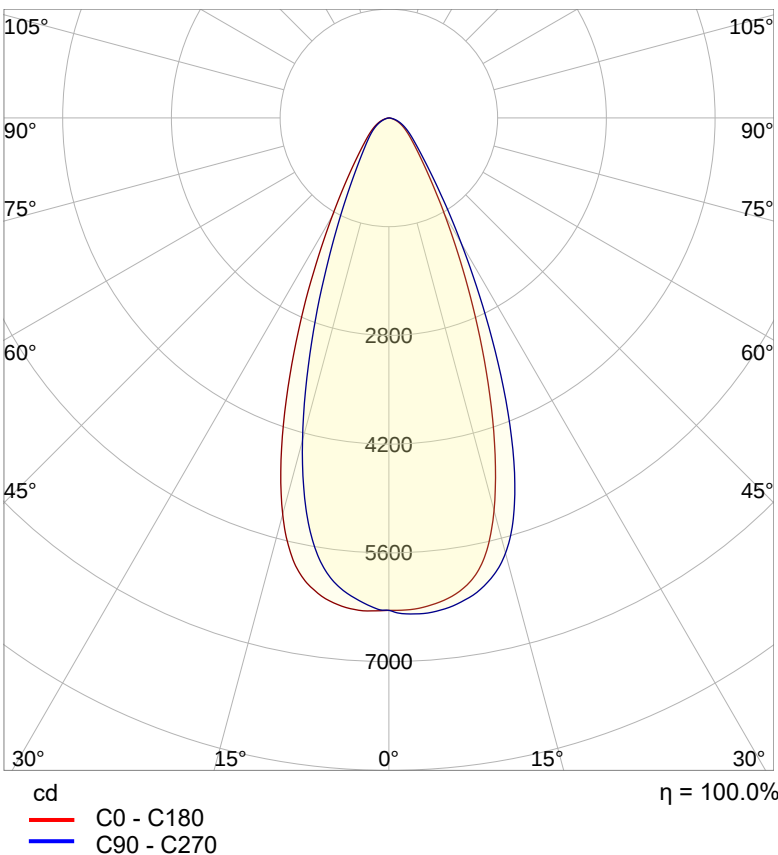
Correlated Color Temperature, CCT

4000 K

Color Rendering Index

CRI 85.0

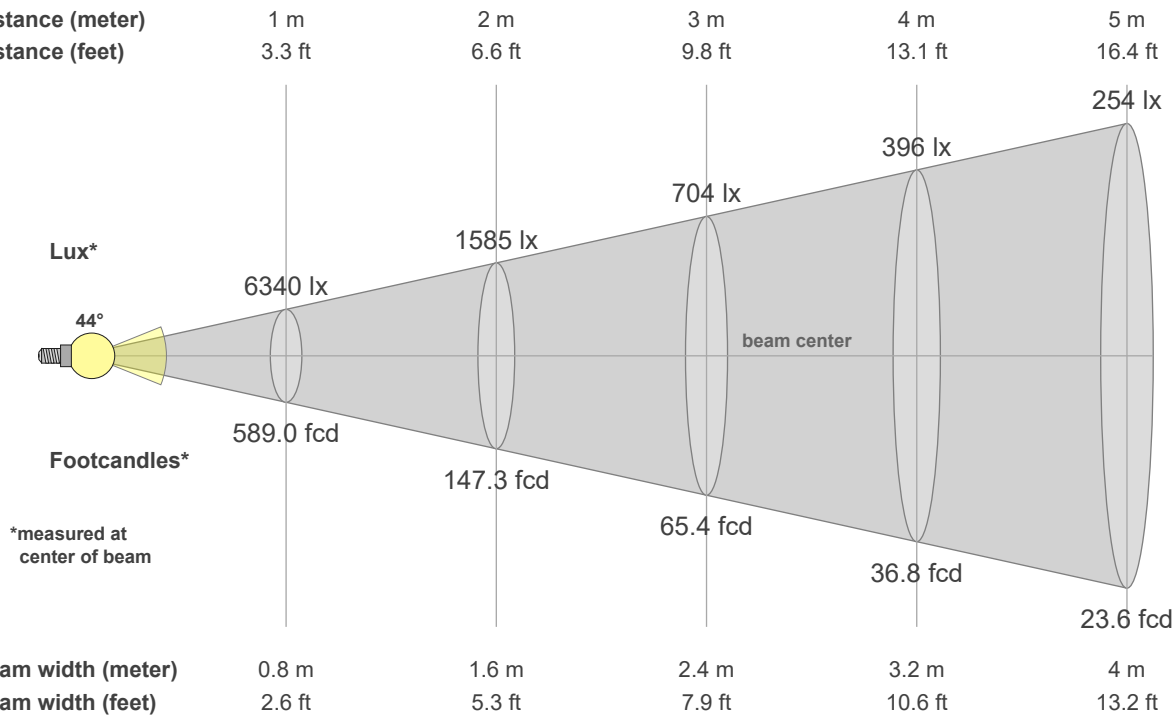
Polar light distribution diagram



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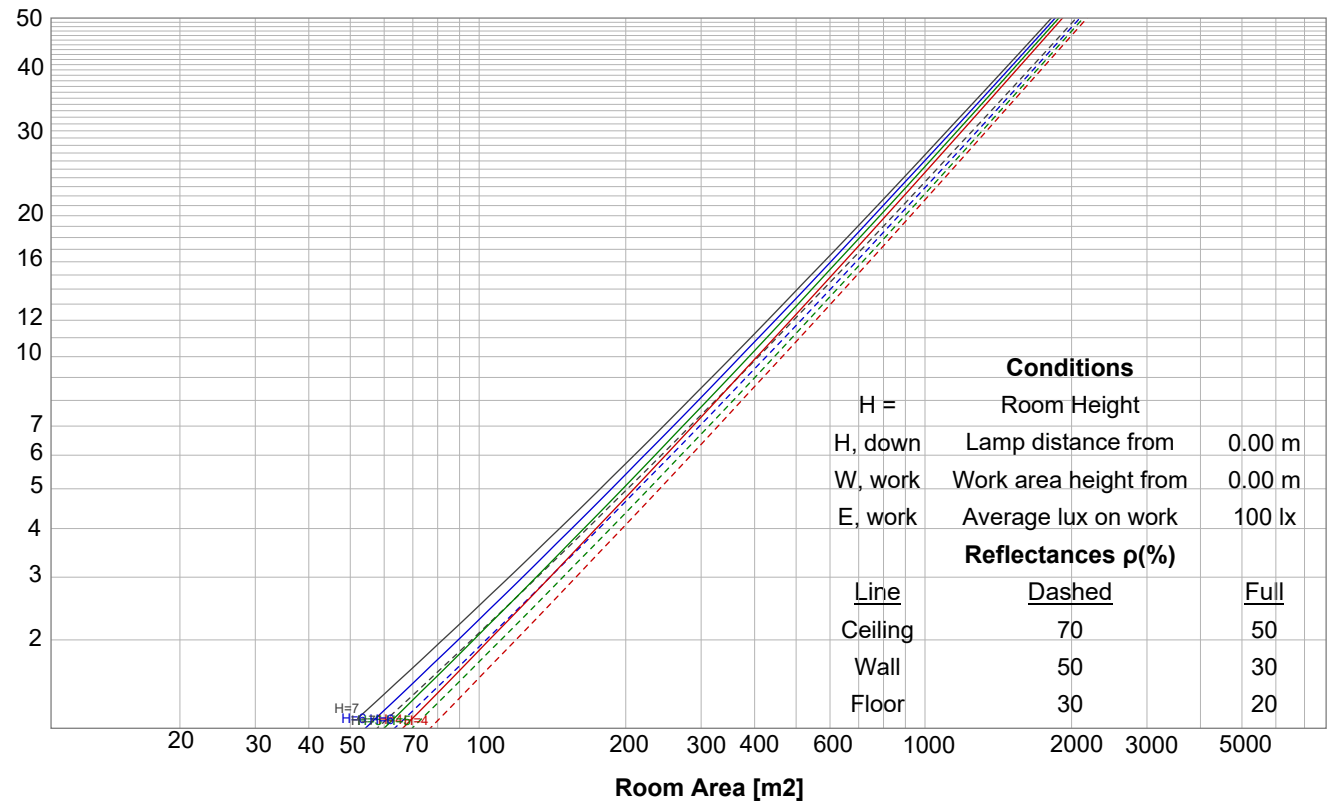
Light measurement results

Beam details



Luminaire budgetary diagram

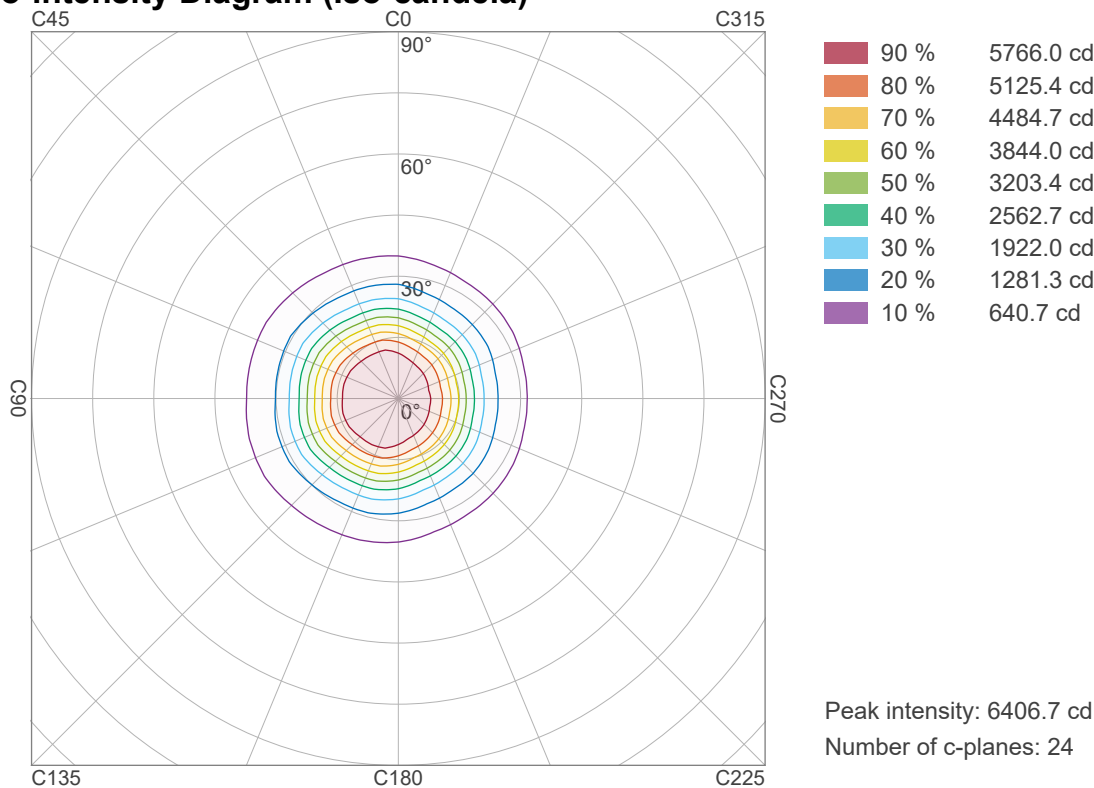
LAMPS (number of lamps)



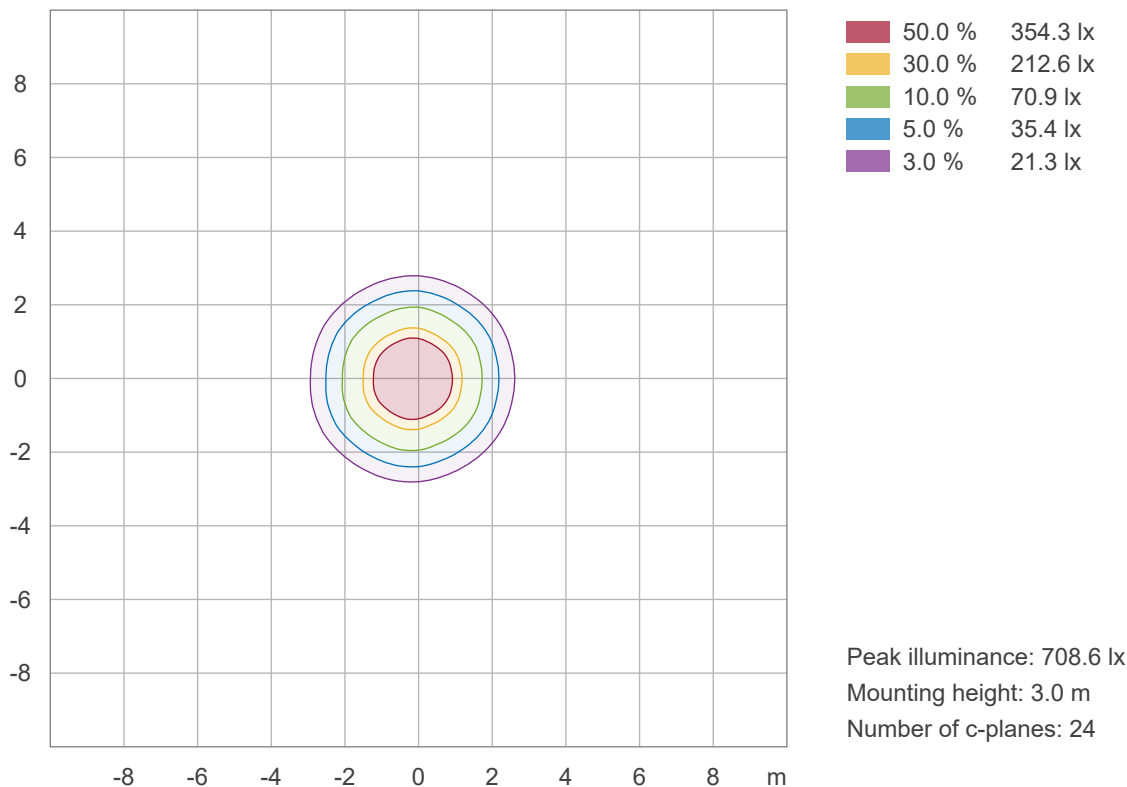
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Iso-intensity Diagram (Iso-candela)



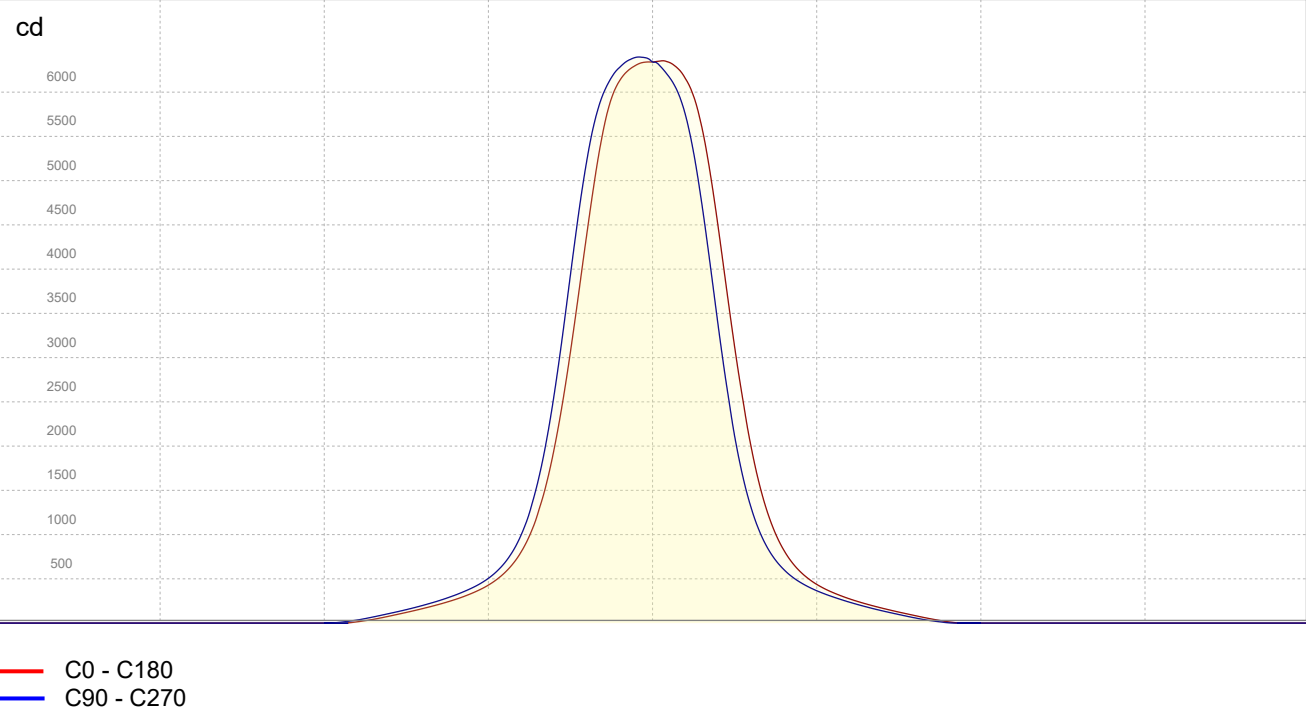
Iso-illuminance Diagram (Iso-lux)



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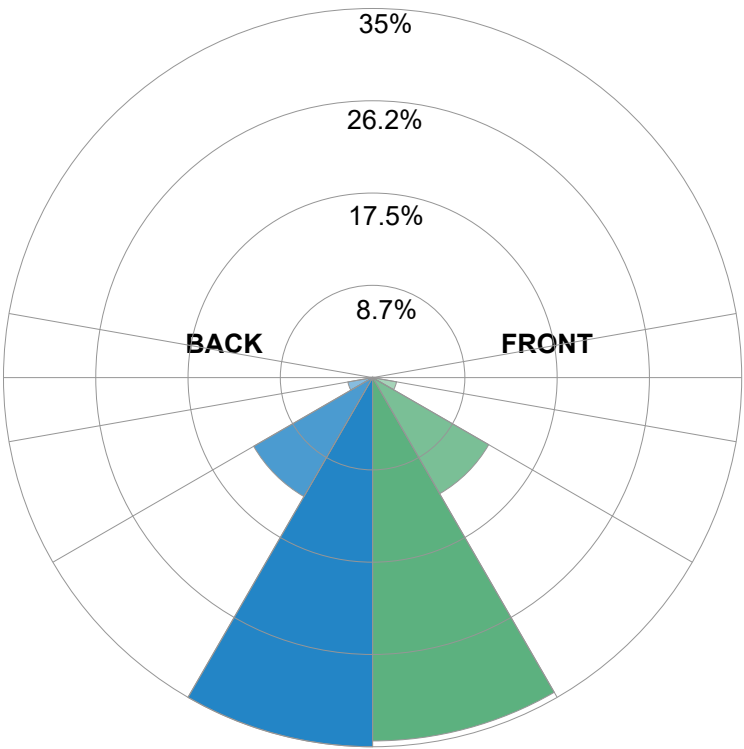
Light measurement results

Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	1541.2 lm	34.4%
Medium (30-60°)	568.8 lm	12.7%
High (60-80°)	102.9 lm	2.3%
Very High	3.2 lm	0.1%

Back Light

Low (0-30°)	1565.8 lm	35%
Medium (30-60°)	582.6 lm	13%
High (60-80°)	106.4 lm	2.4%
Very High	3.4 lm	0.1%

Uplight

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

Total

Sum	4474 lm	100%
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