

Test report

Light measurement results

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

7/16/2025

Measurement Conditions

Tested c-planes

25 – distance {C_PLANES_DIST}°

Tested gamma angles

181 – {H_PLANES_DIST}°

Input Power

72.4 W

Tested Light Source

Luminaire

AuroRing-254mm-RGBW ALL-35D (FULL CHANNEL)

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen

2988 lm

Efficiency

41 lm/W

Peak Intensity

5555 cd

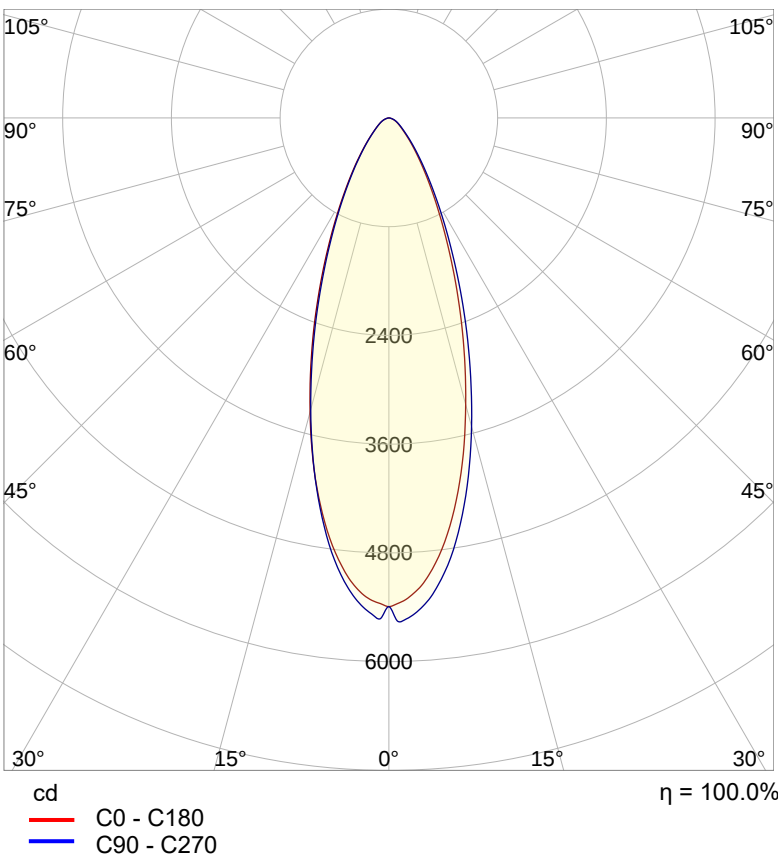
Correlated Color Temperature, CCT

2700 K

Color Rendering Index

CRI 85.0

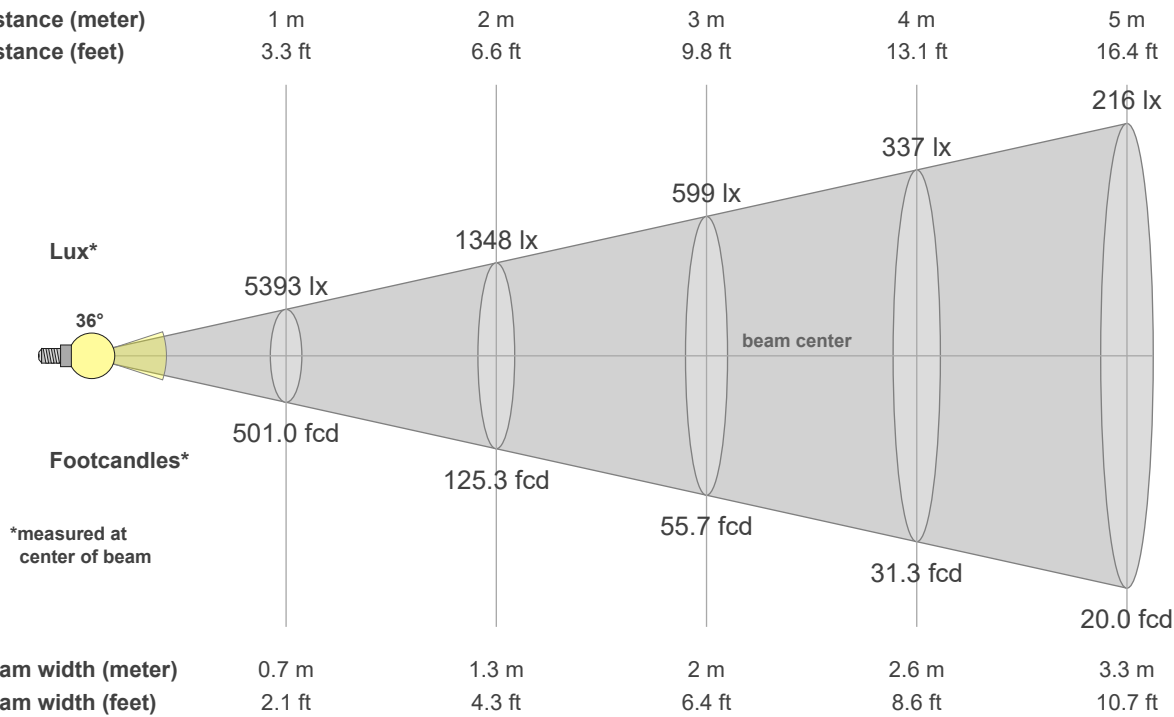
Polar light distribution diagram



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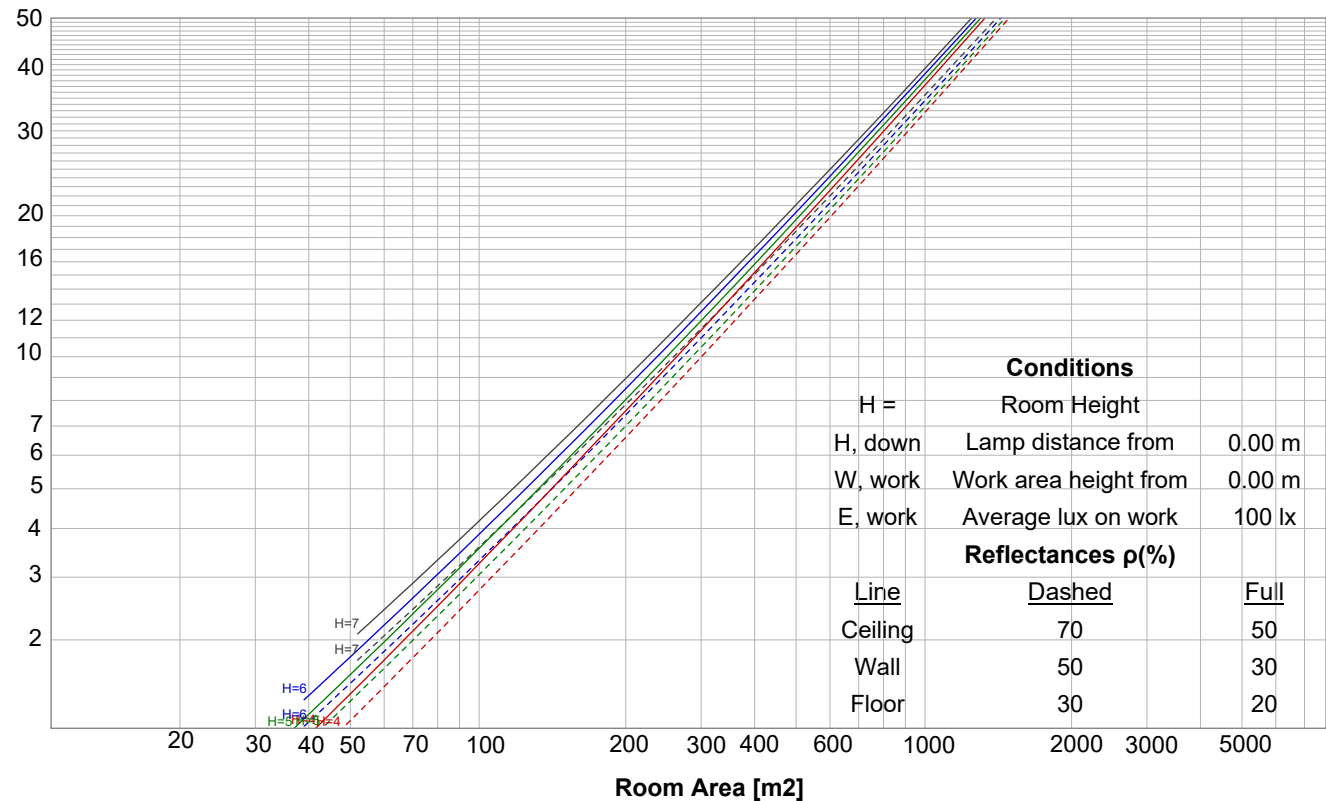
Light measurement results

Beam details



Luminaire budgetary diagram

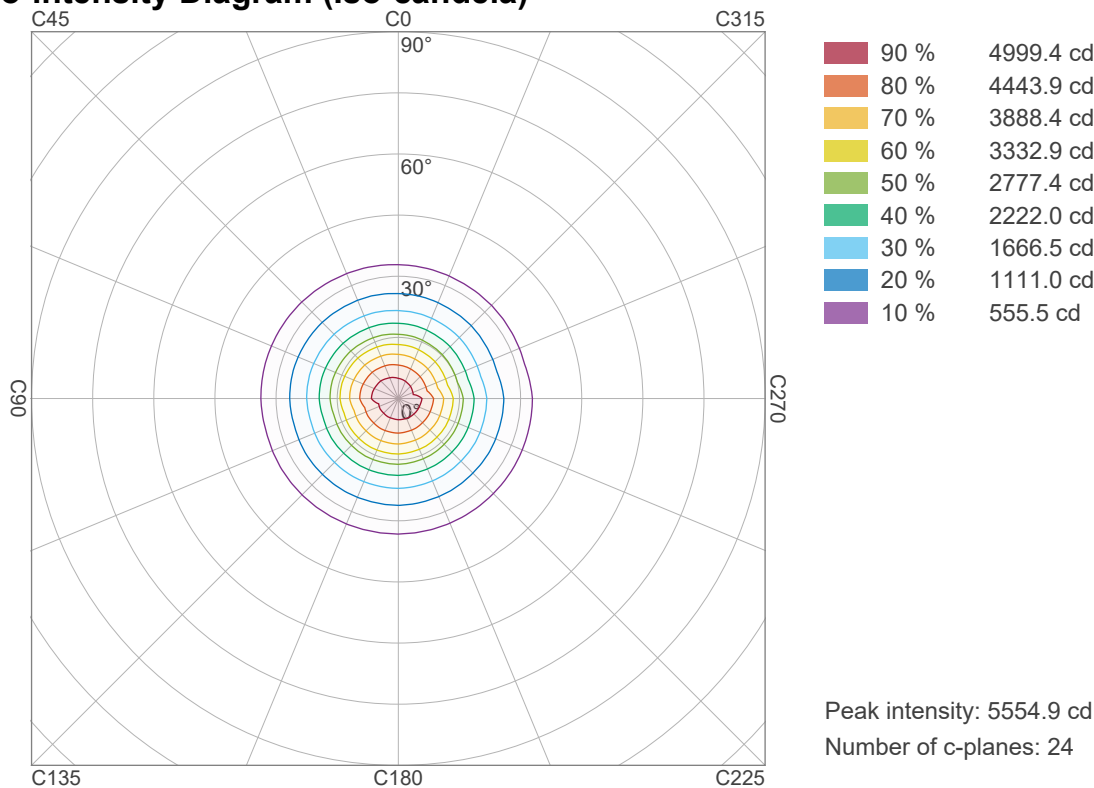
LAMPS (number of lamps)



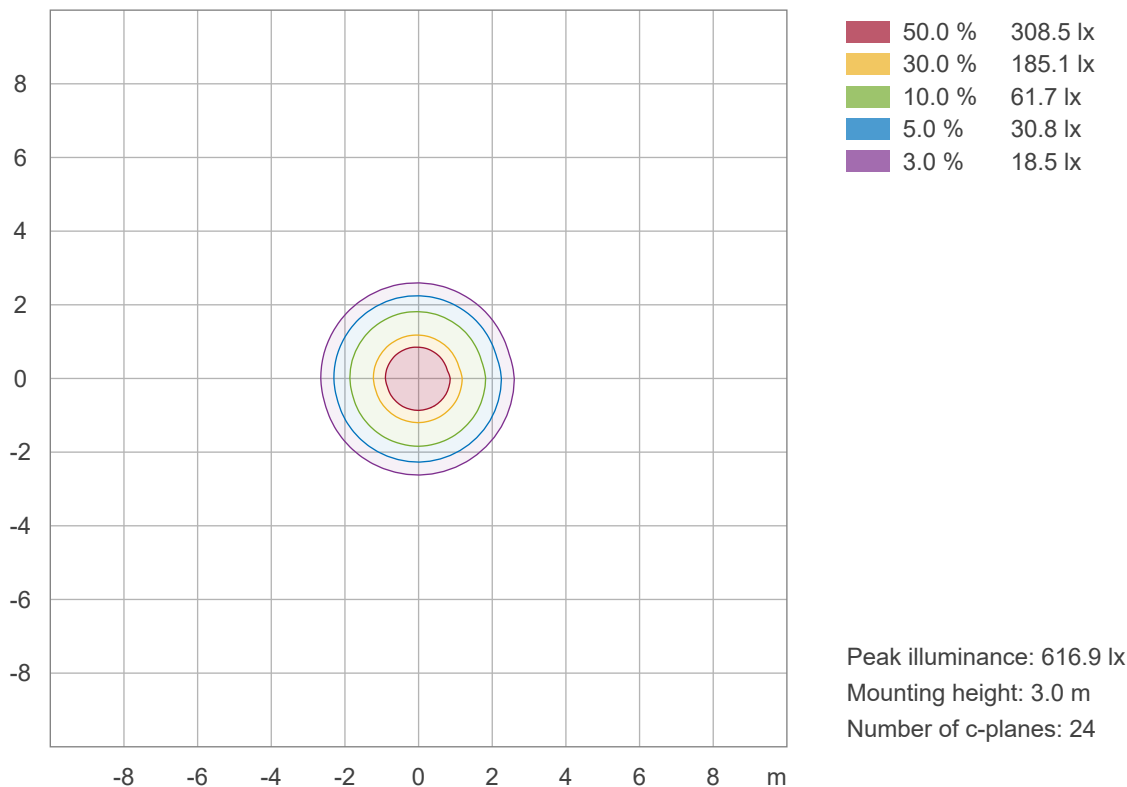
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Iso-intensity Diagram (Iso-candela)



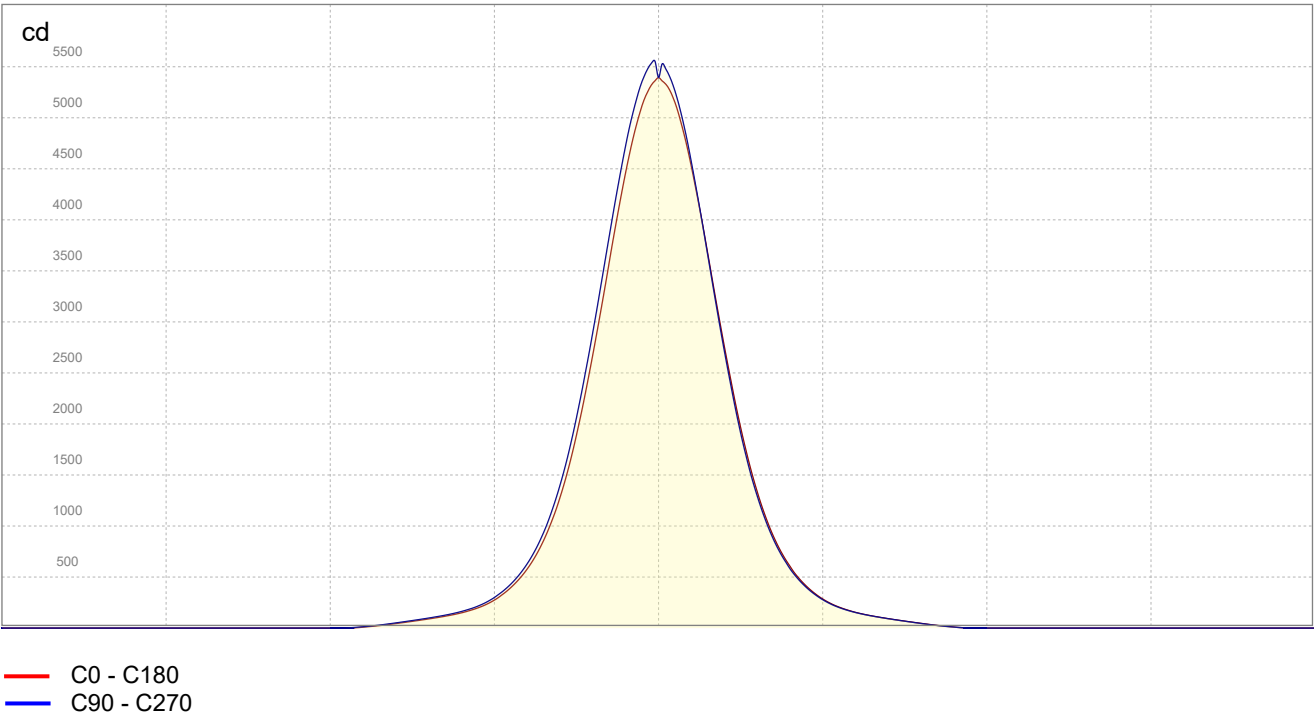
Iso-illuminance Diagram (Iso-lux)



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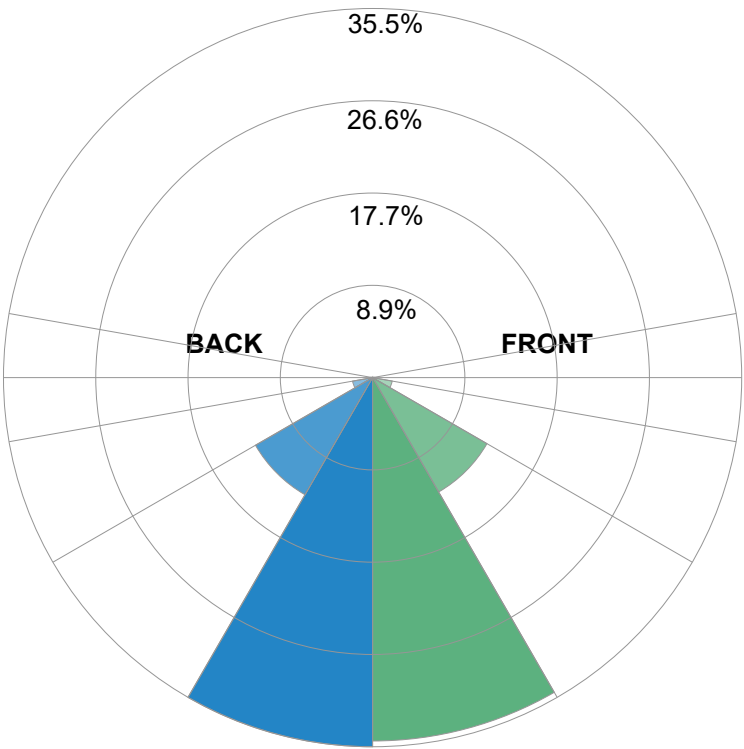
Light measurement results

Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	1043	lm	34.9%
Medium (30-60°)	379	lm	12.7%
High (60-80°)	57.1	lm	1.9%
Very High	1.8	lm	0.1%

Back Light

Low (0-30°)	1059.5	lm	35.5%
Medium (30-60°)	388.2	lm	13%
High (60-80°)	58.3	lm	2%
Very High	1.9	lm	0.1%

Uplight

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

Total

Sum	2988	lm	100%
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