

Test report

Light measurement results

Print date 10/7/2025

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

9/22/2023

Measurement Conditions

Tested c-planes

Tested gamma angles

Input Power

25.0 W

Tested Light Source

Luminaire

Aurora RGBW 6500K-15D-Rev1

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)

1375 lm

Efficiency

55 lm/W

Peak Intensity

14020 cd

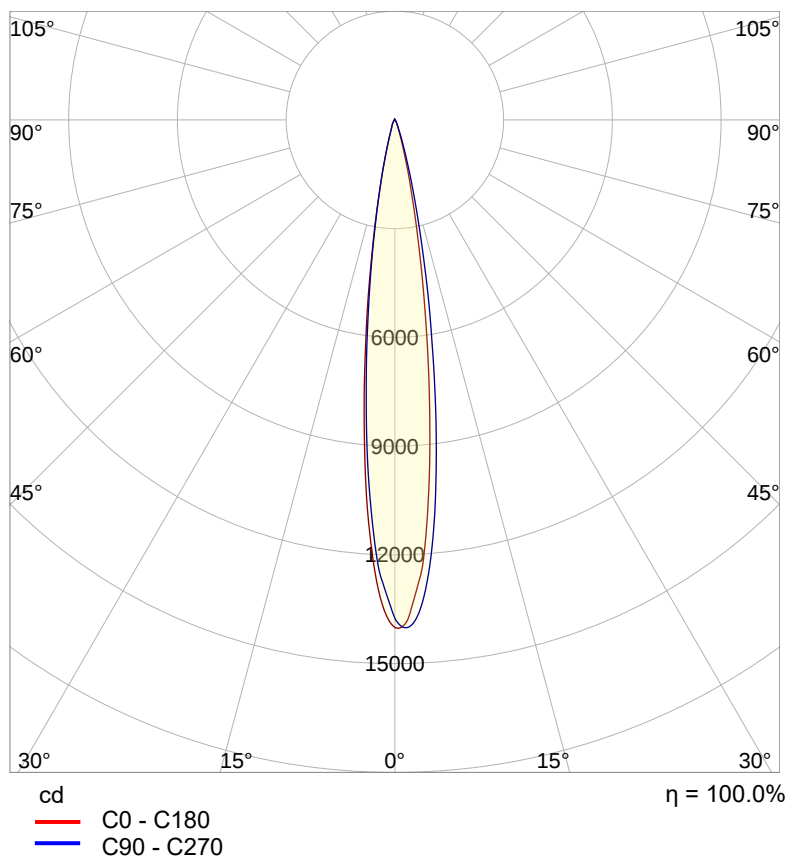
Correlated Color Temperature, CCT

6500 K

Color Rendering Index

CRI 80.0

Polar light distribution diagram

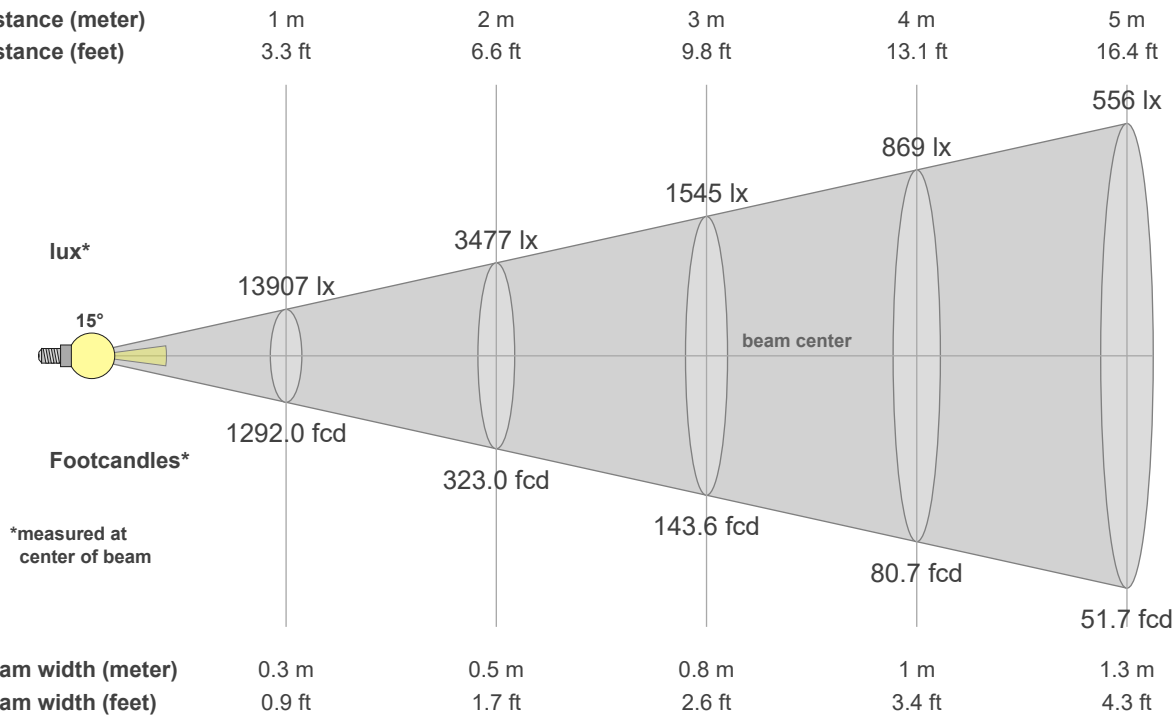


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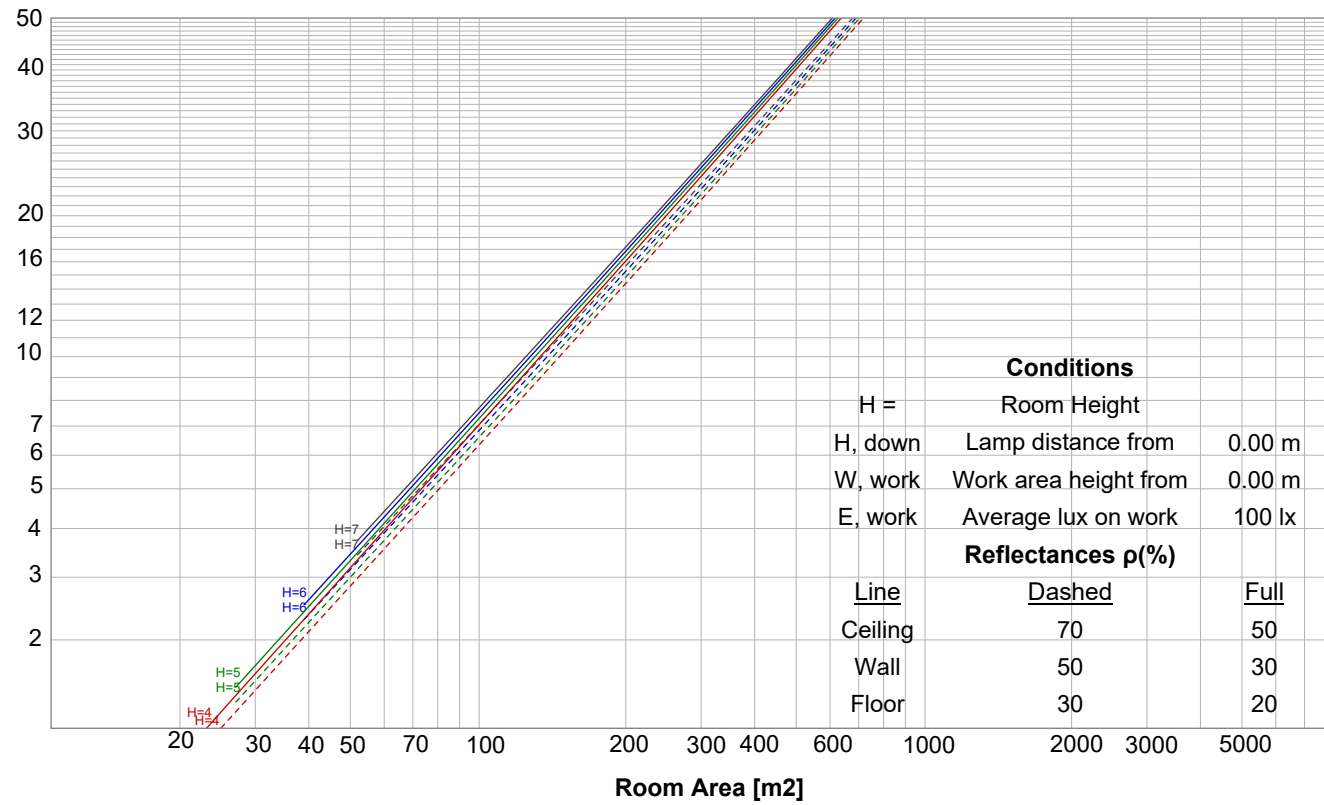
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Beam details



Luminaire budgetary diagram

LAMPS (number of lamps)

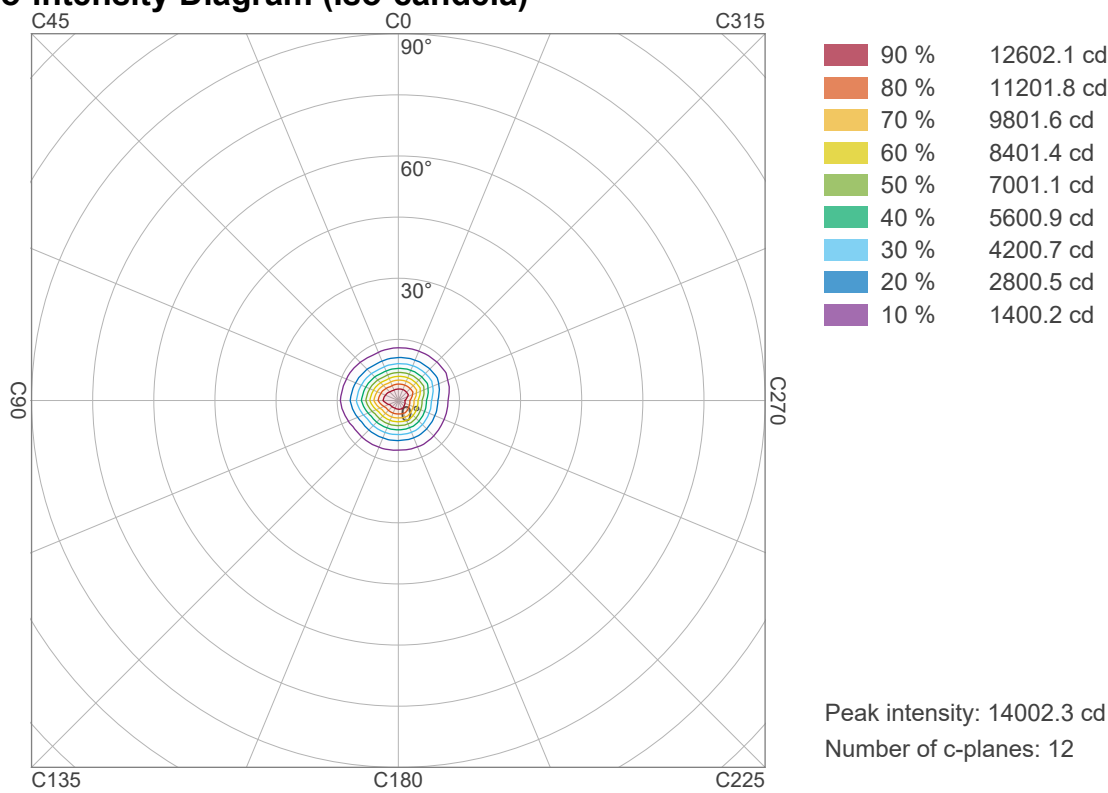


Test report

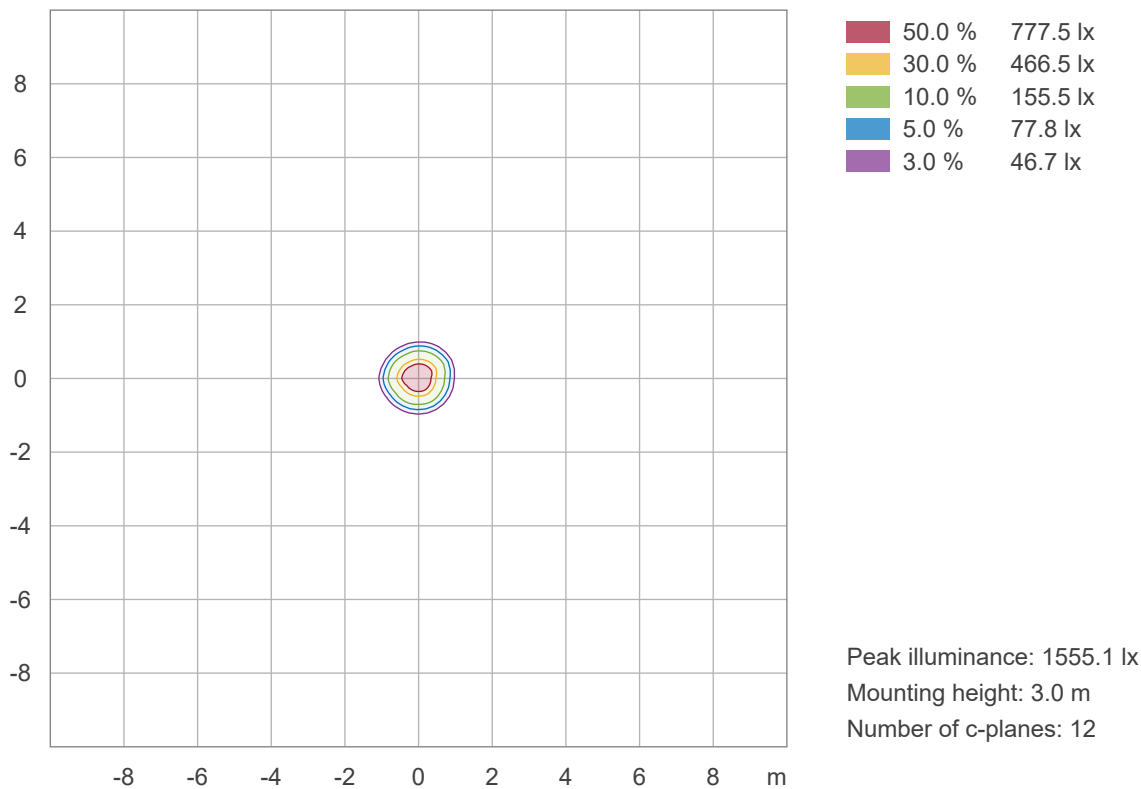
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Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

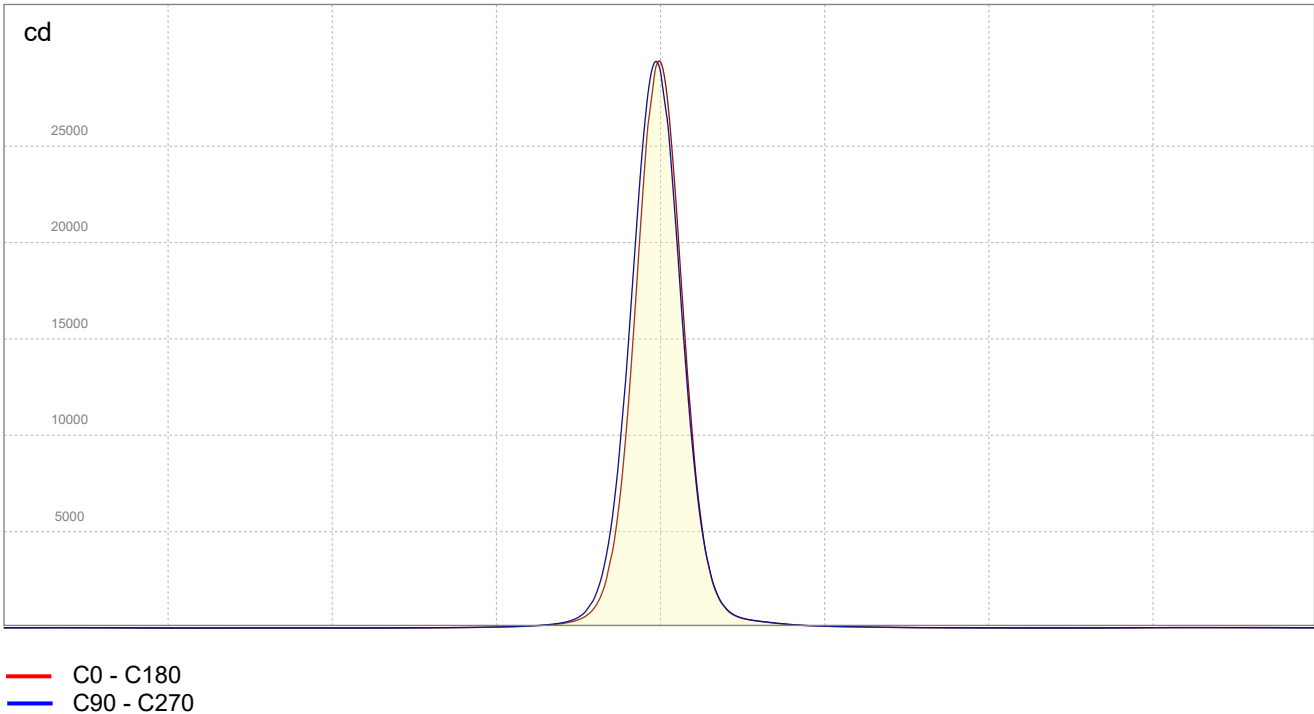


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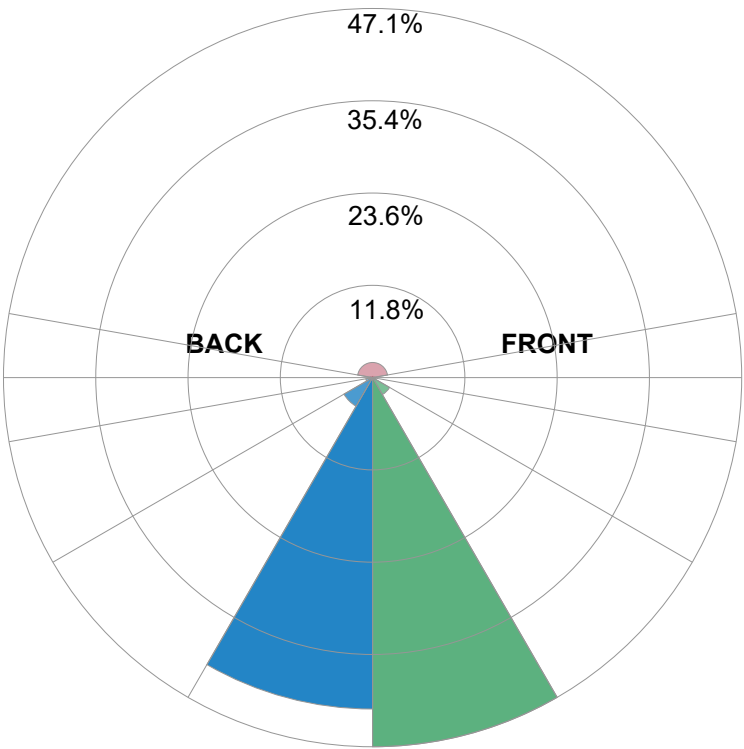
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Linear intensity distribution



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

BUG rating B2 U2 G0



Forward Light

Low (0-30°)	648.1	lm	47.1%
Medium (30-60°)	34.4	lm	2.5%
High (60-80°)	5.9	lm	0.4%
Very High	1.3	lm	0.1%

Back Light

Low (0-30°)	581.8	lm	42.3%
Medium (30-60°)	58	lm	4.2%
High (60-80°)	12.1	lm	0.9%
Very High	3.1	lm	0.2%

Uplight

Low (90-100°)	3.6	lm	0.3%
High (100-180°)	26.6	lm	1.9%

Total

Sum	1375	lm	100%
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