

Test report

Light measurement results

Print date 10/7/2025

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

9/23/2023

Measurement Conditions

Tested c-planes

Tested gamma angles

Input Power

25.0 W

Tested Light Source

Luminaire

Aurora RGBW 6500K-8D-Rev1

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)

1450 lm

Efficiency

58 lm/W

Peak Intensity

40506 cd

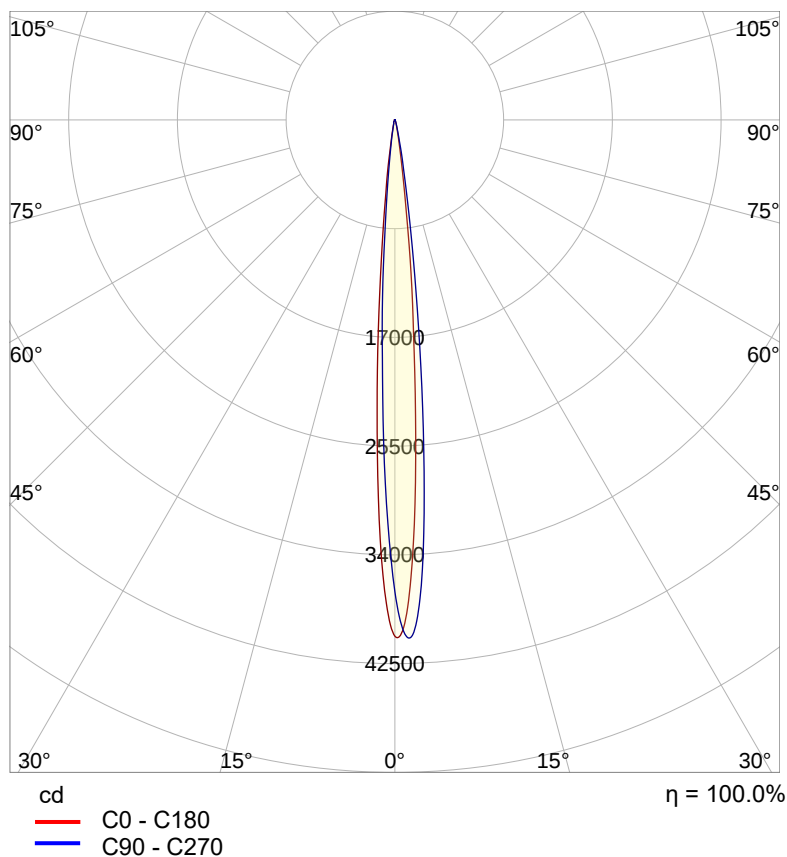
Correlated Color Temperature, CCT

6500 K

Color Rendering Index

CRI 80.0

Polar light distribution diagram

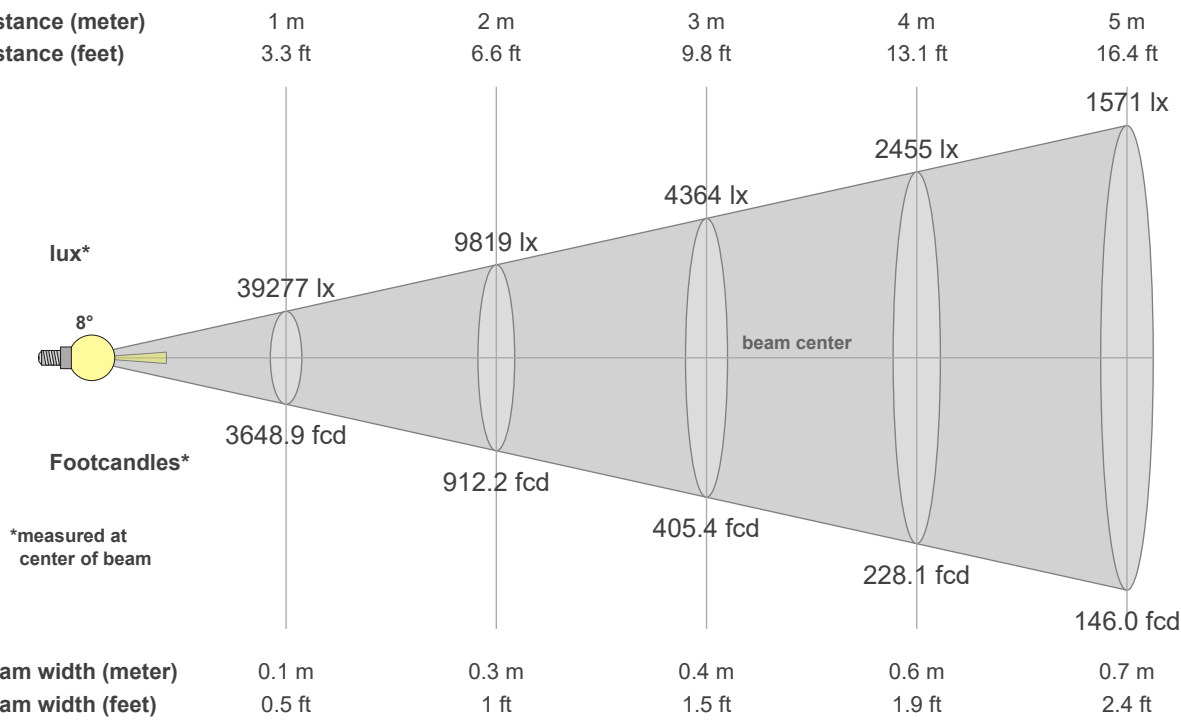


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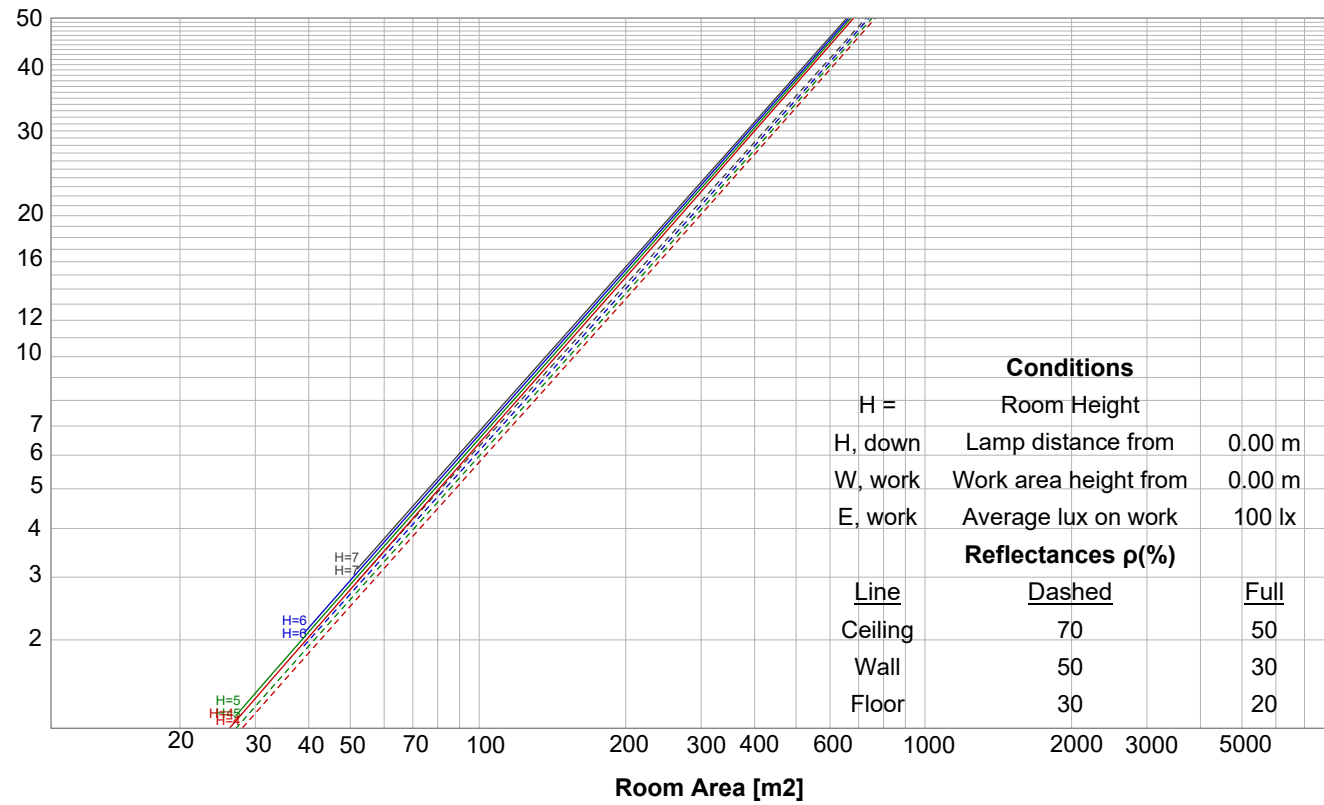
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Beam details



Luminaire budgetary diagram

LAMPS (number of lamps)

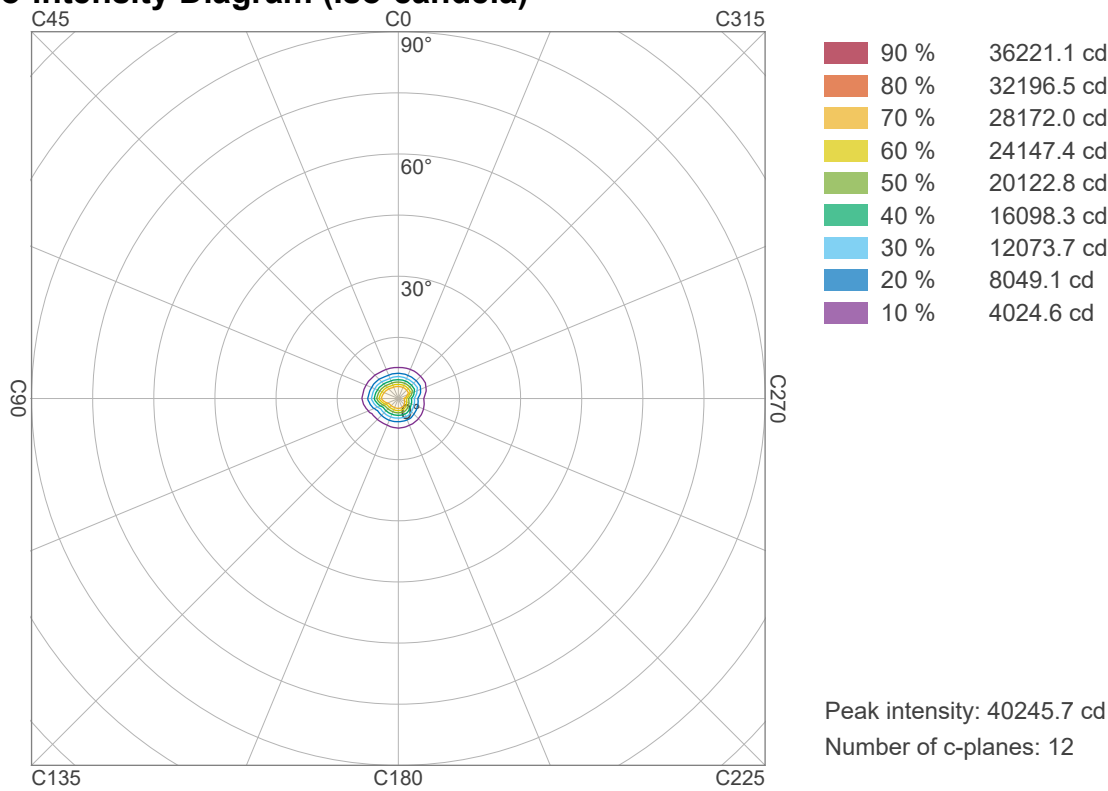


Test report

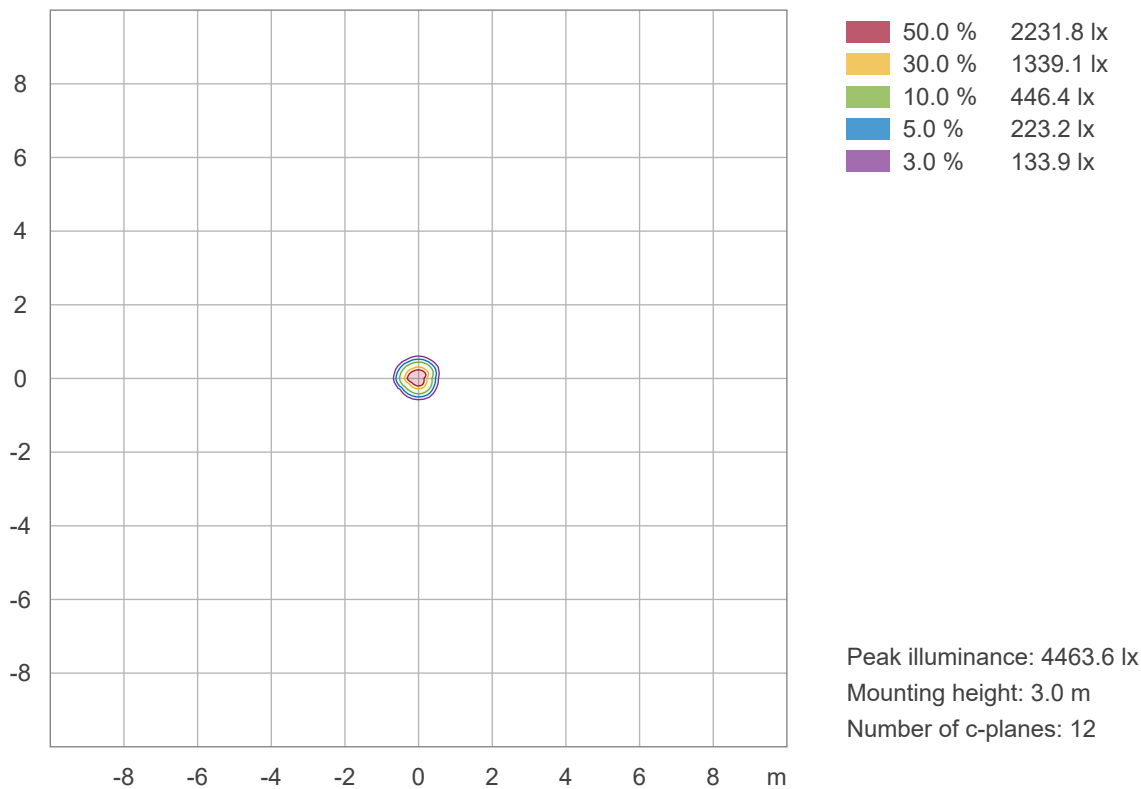
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Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

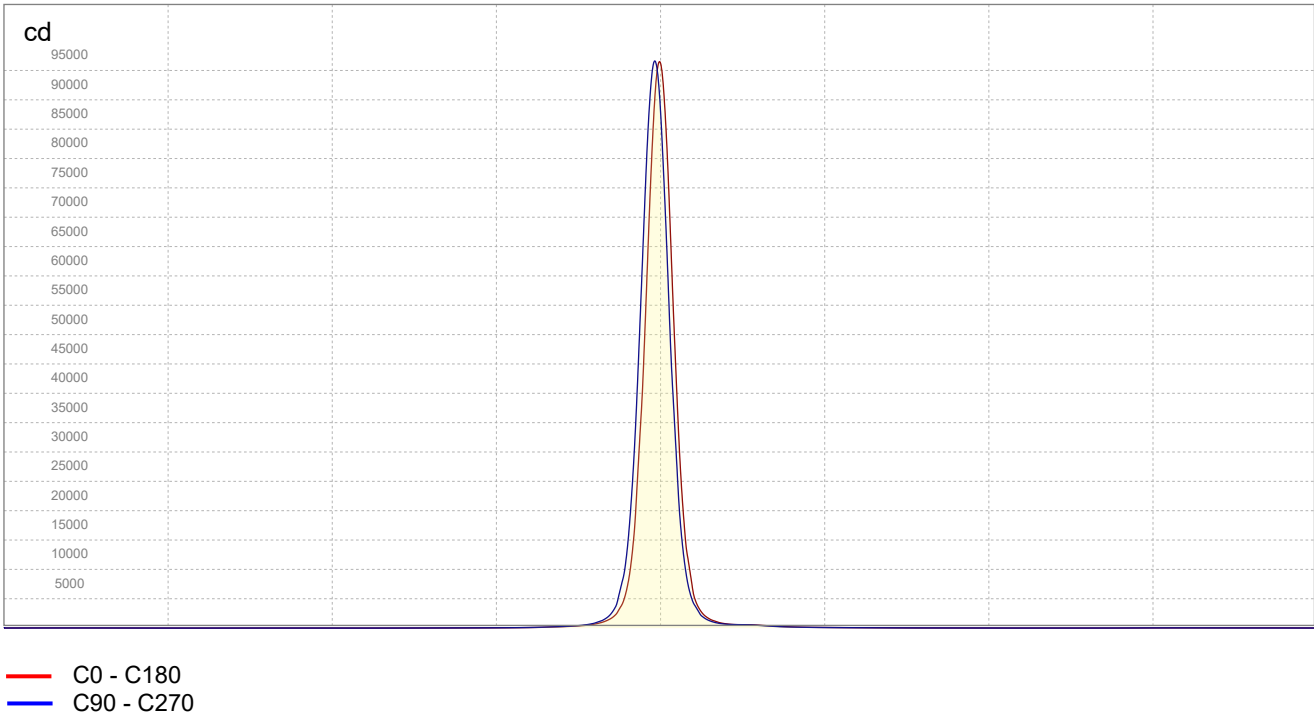


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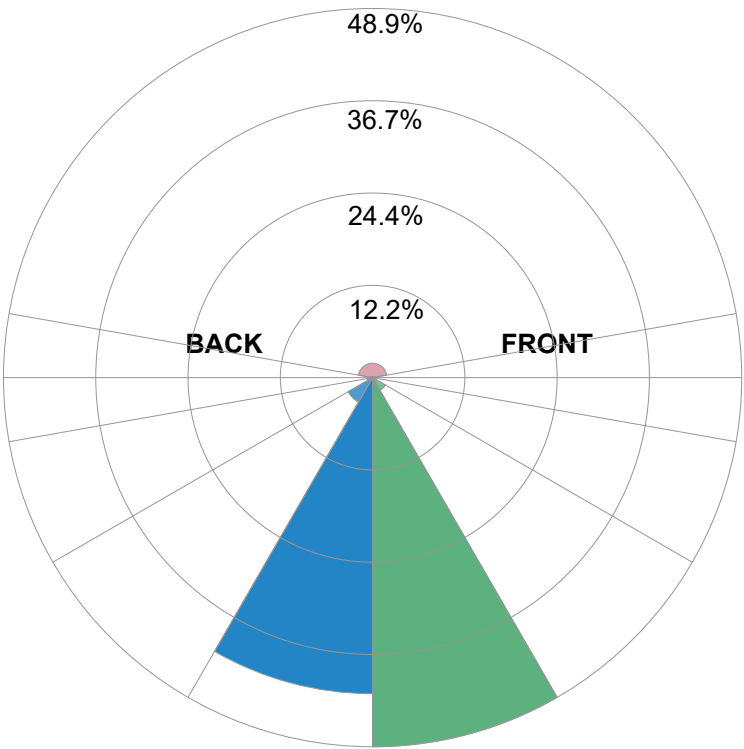
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Linear intensity distribution



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

BUG rating B2 U2 G0



Forward Light

Low (0-30°)	708.7	lm	48.9%
Medium (30-60°)	28.5	lm	2%
High (60-80°)	4.7	lm	0.3%
Very High	1.2	lm	0.1%

Back Light

Low (0-30°)	606.9	lm	41.9%
Medium (30-60°)	54.4	lm	3.8%
High (60-80°)	11	lm	0.8%
Very High	3.2	lm	0.2%

Uplight

Low (90-100°)	3.7	lm	0.3%
High (100-180°)	27.7	lm	1.9%

Total

Sum	1450	lm	100%
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