

Test report

Light measurement results

Print date 10/7/2025

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date 9/22/2023

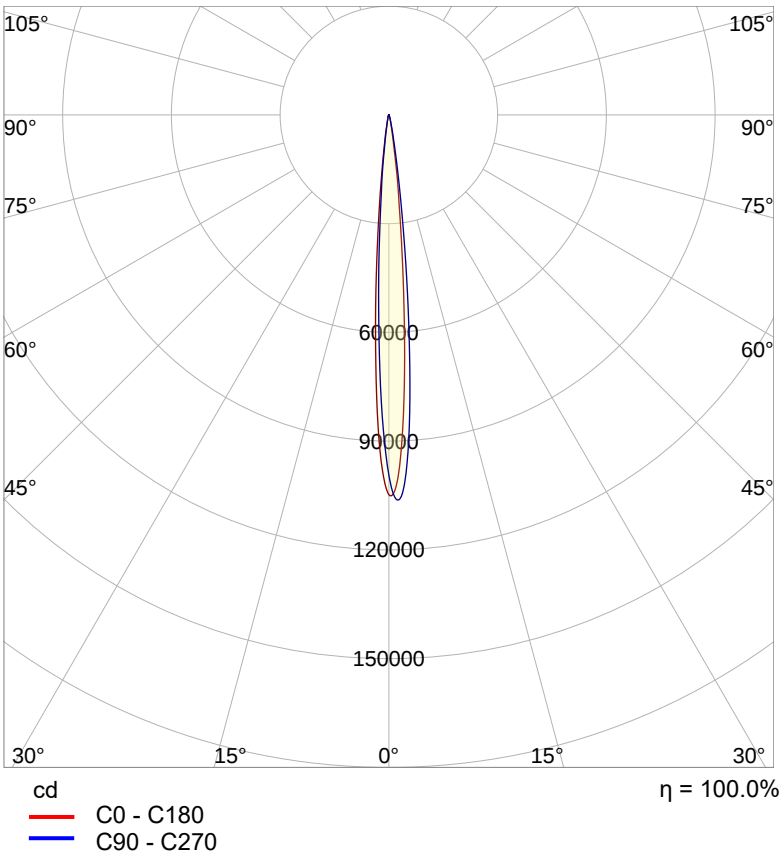
Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power 100 W

Tested Light Source
Luminaire Aurora RGBW ALL-8D
Basic Luminous Shape NONE
Item No.
Manufacturer Luminoscape

Main Light Measurement Results
Output – Total Lumen (Up% / Down%) 3900 lm
Efficiency 39 lm/W
Peak Intensity 106197 cd
Correlated Color Temperature, CCT
Color Rendering Index

Polar light distribution diagram

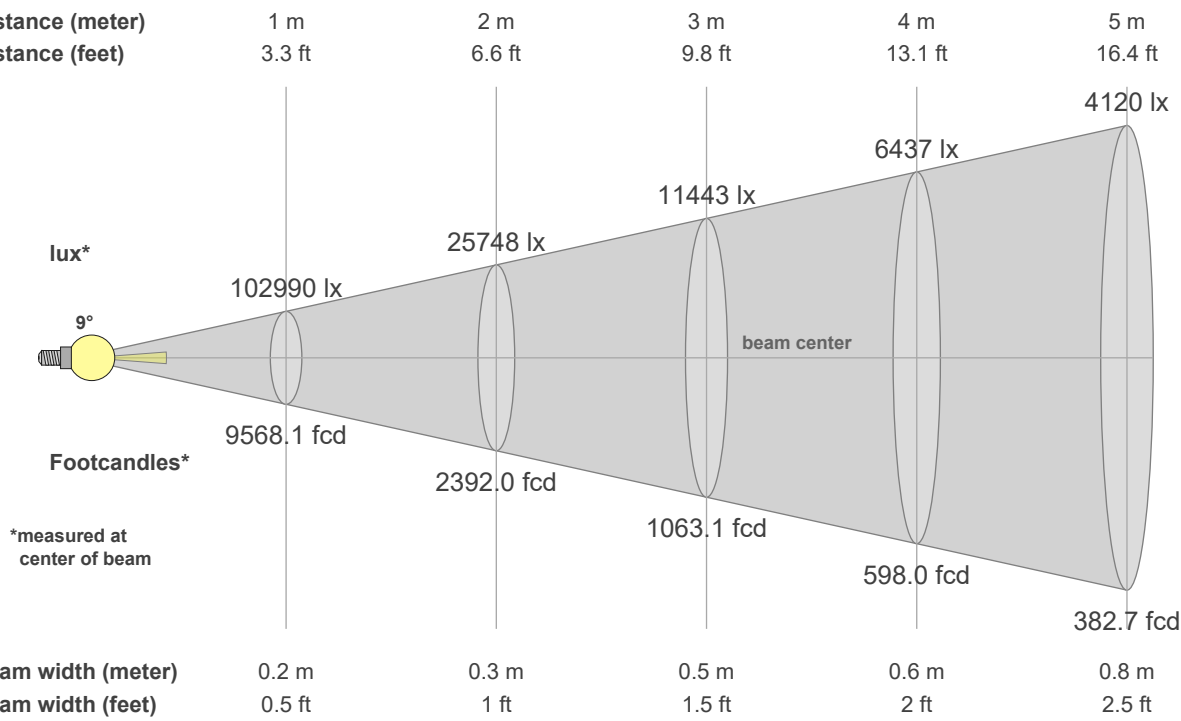


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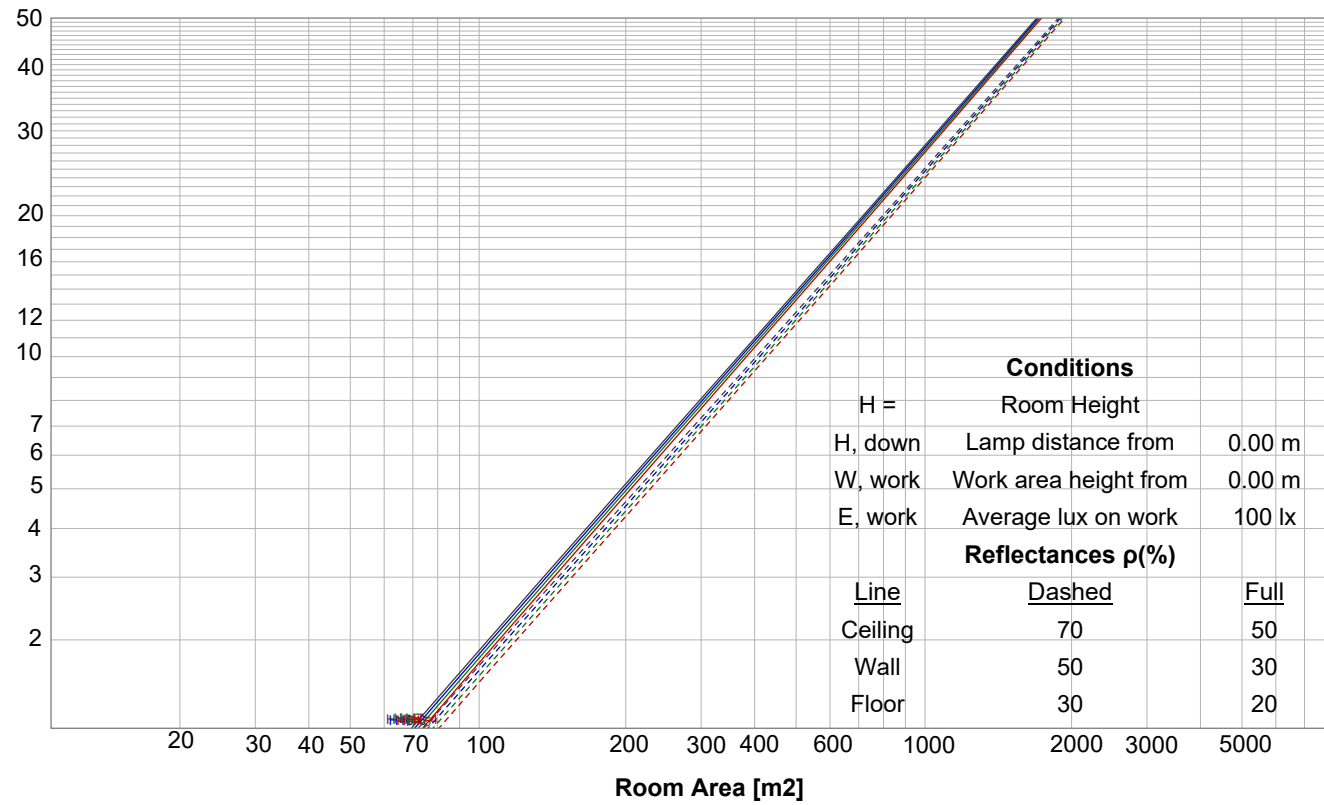
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Beam details



Luminaire budgetary diagram

LAMPS (number of lamps)

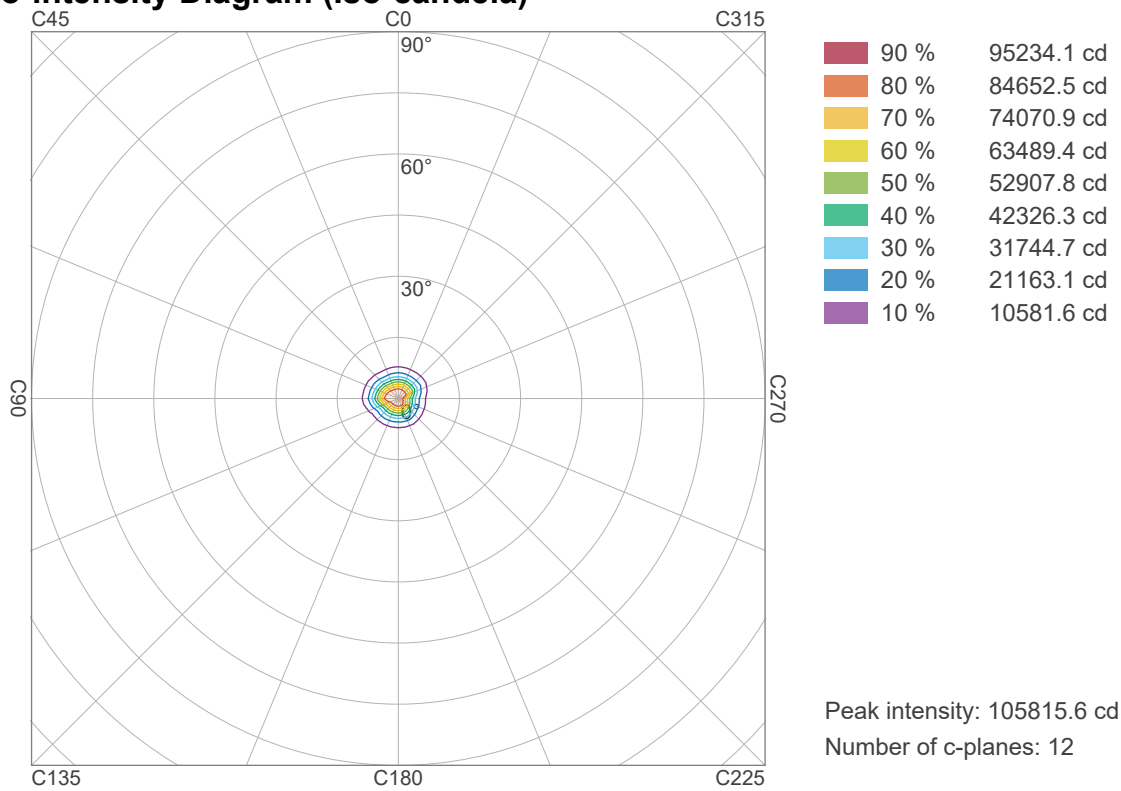


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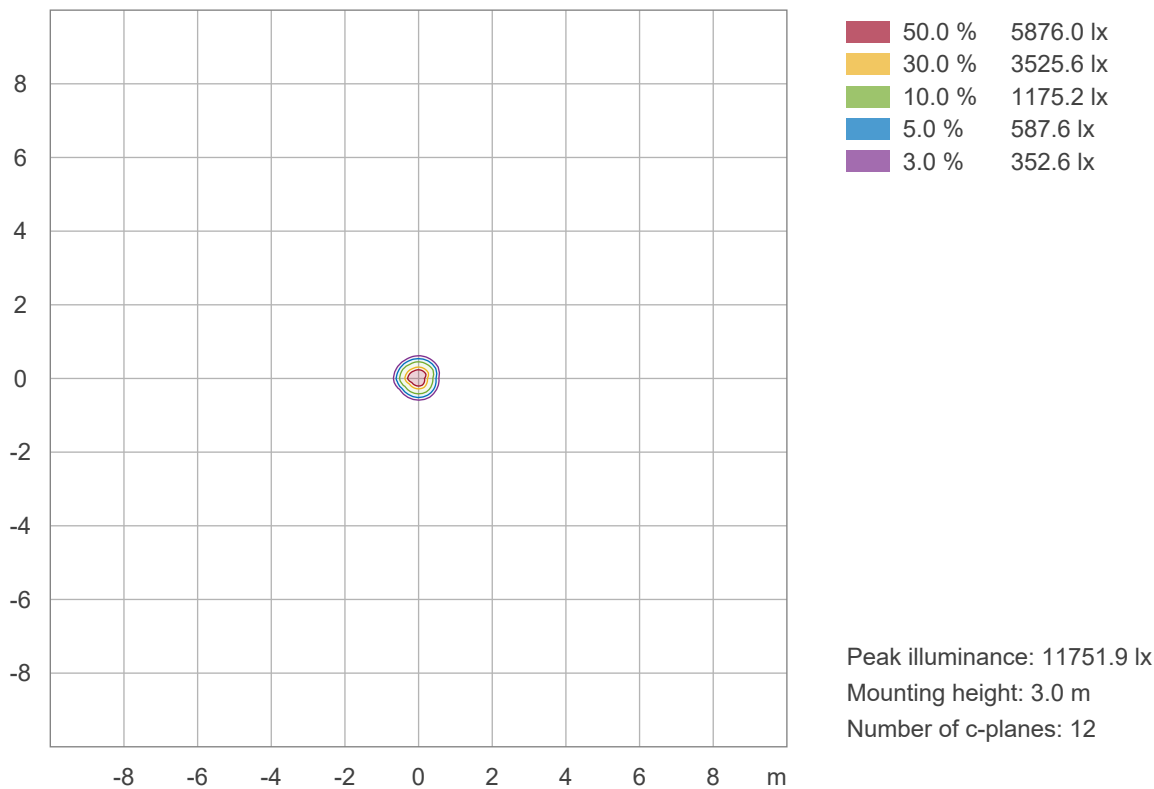
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Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

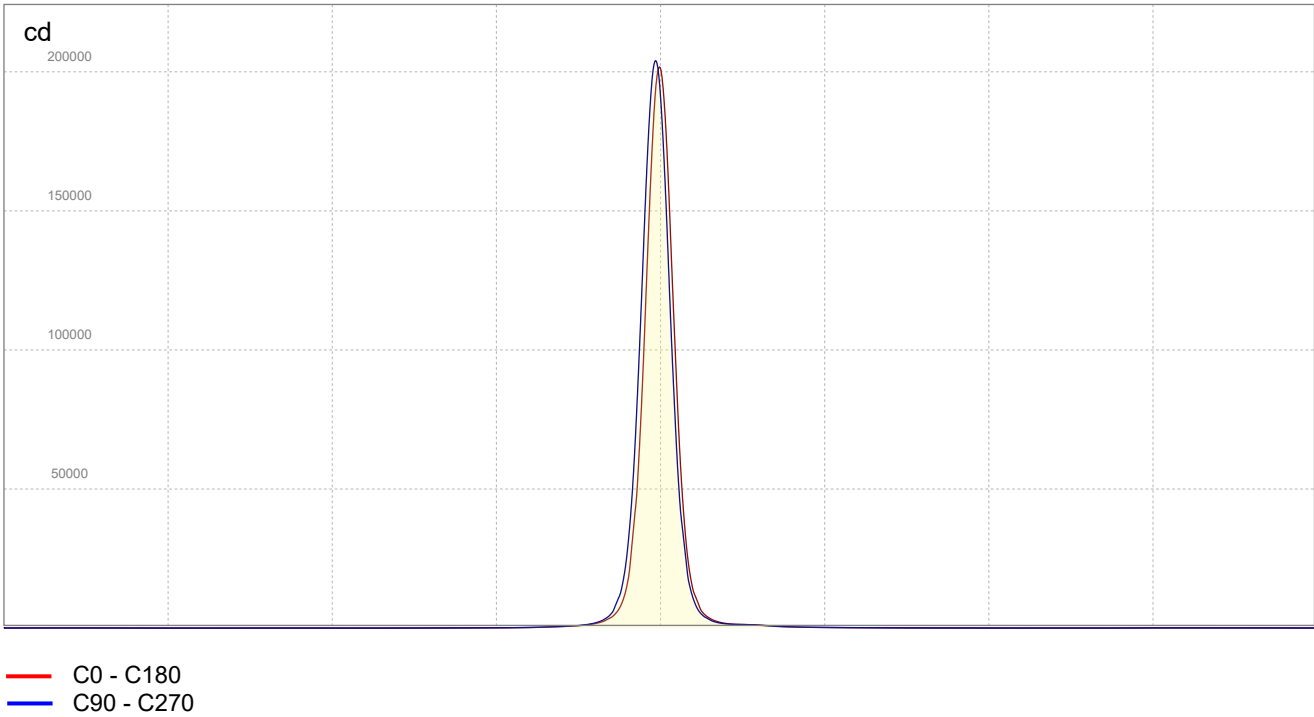


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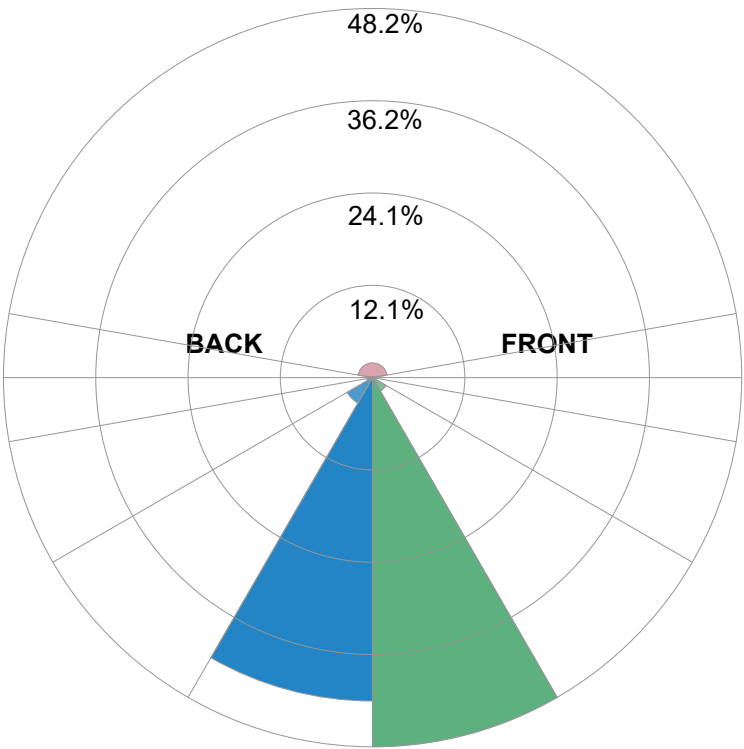
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Linear intensity distribution



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

BUG rating B3 U3 G0



Forward Light

Low (0-30°)	1881.7 lm	48.2%
Medium (30-60°)	79.1 lm	2%
High (60-80°)	13.1 lm	0.3%
Very High	3.2 lm	0.1%

Back Light

Low (0-30°)	1648.6 lm	42.3%
Medium (30-60°)	149.9 lm	3.8%
High (60-80°)	30.2 lm	0.8%
Very High	8.9 lm	0.2%

Uplight

Low (90-100°)	10.1 lm	0.3%
High (100-180°)	75.1 lm	1.9%

Total

Sum	3900 lm	100%
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