

Test report

Light measurement results

Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

7/17/2025

Measurement Conditions

Tested c-planes

25 – distance {C_PLANES_DIST}°

Tested gamma angles

181 – {H_PLANES_DIST}°

Input Power

71.0 W

Tested Light Source

Luminaire

AuroRing-254mm-RGBW ALL-45D (FULL CHANNEL)

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen

3053 lm

Efficiency

43 lm/W

Peak Intensity

4456 cd

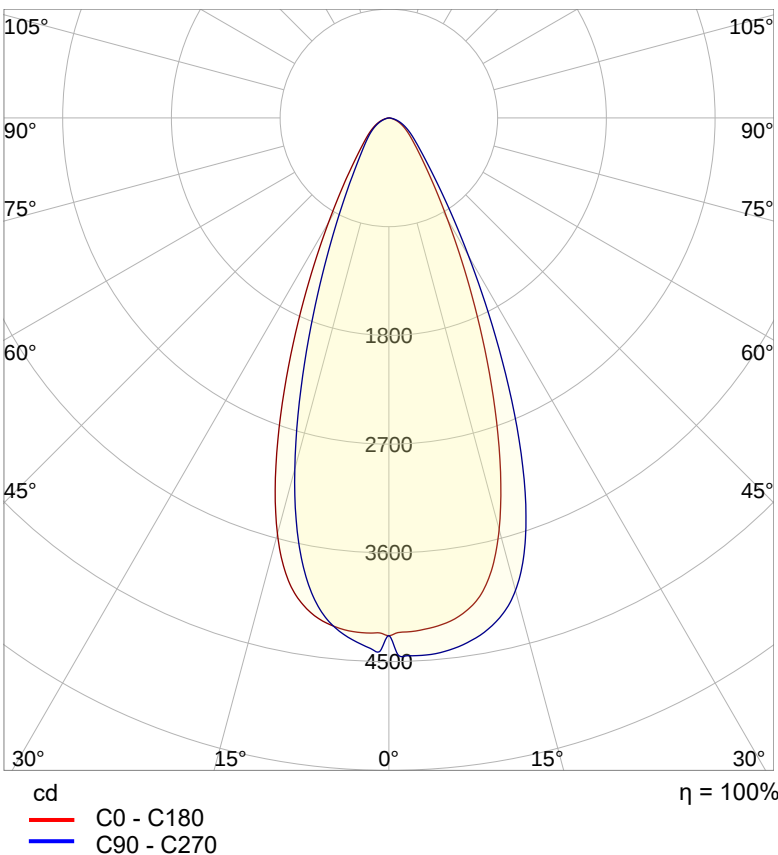
Correlated Color Temperature, CCT

2700 K

Color Rendering Index

CRI 85.0

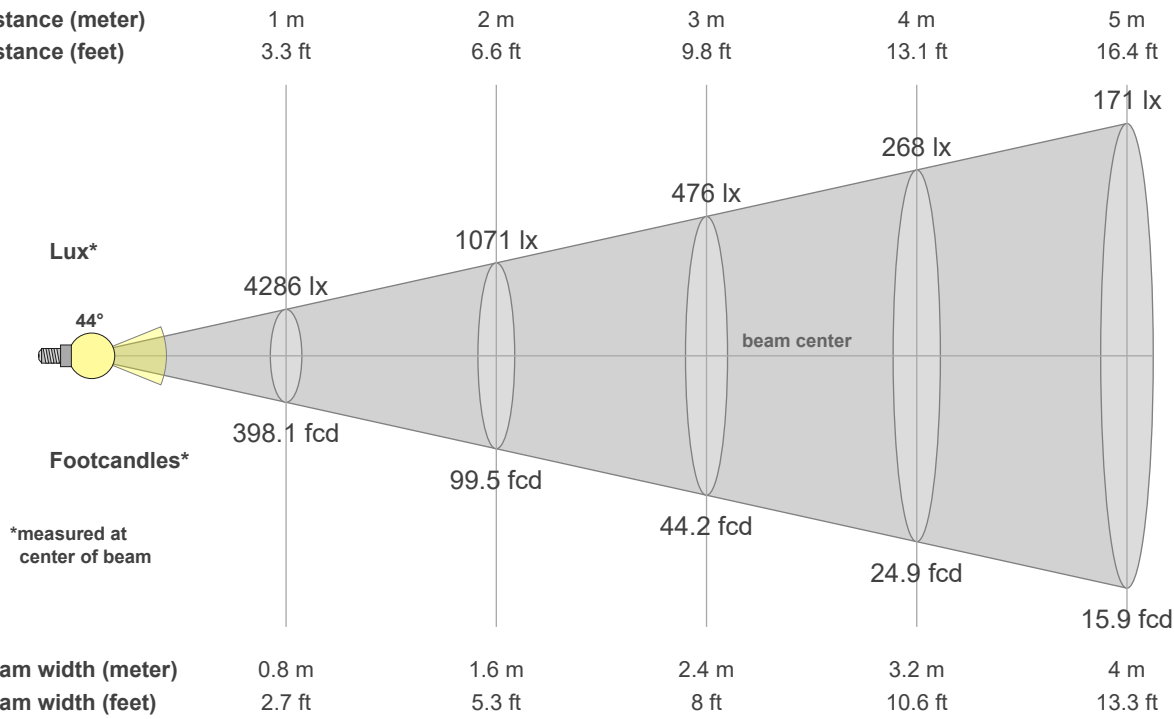
Polar light distribution diagram



Test report

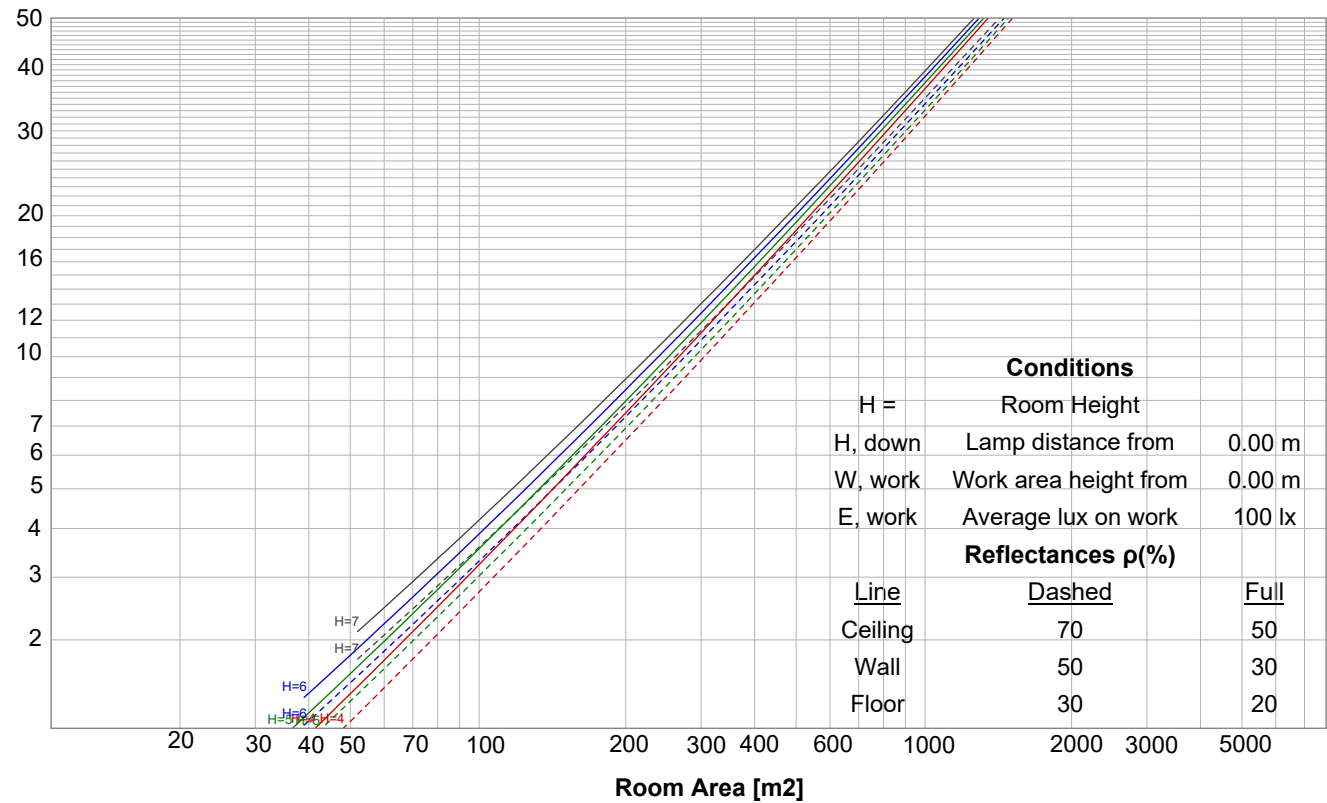
Light measurement results

Beam details



Luminaire budgetary diagram

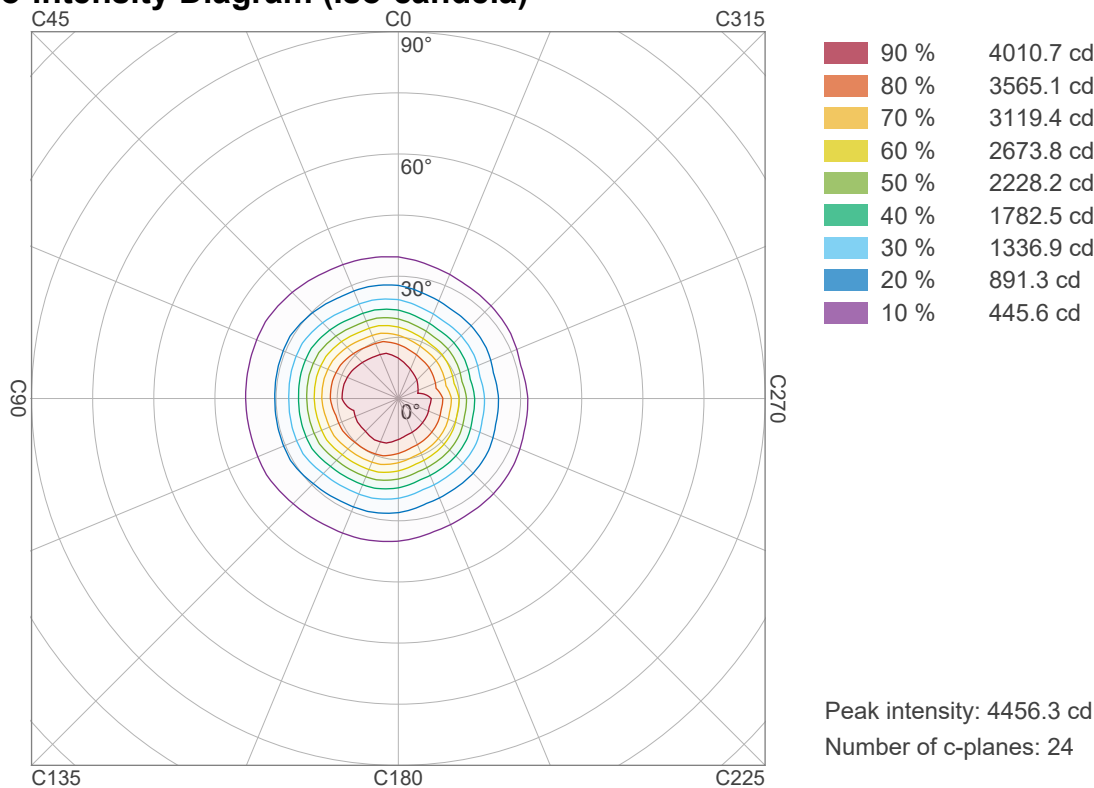
LAMPS (number of lamps)



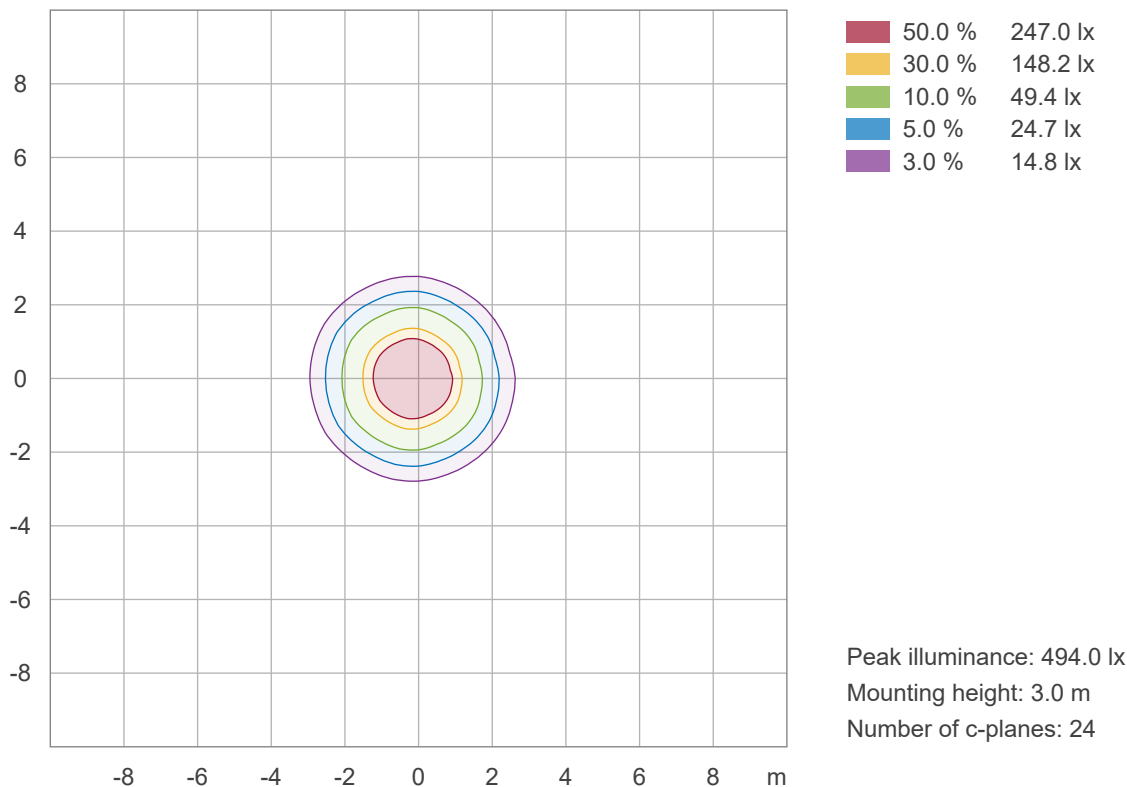
Test report

Light measurement results

Iso-intensity Diagram (Iso-candela)



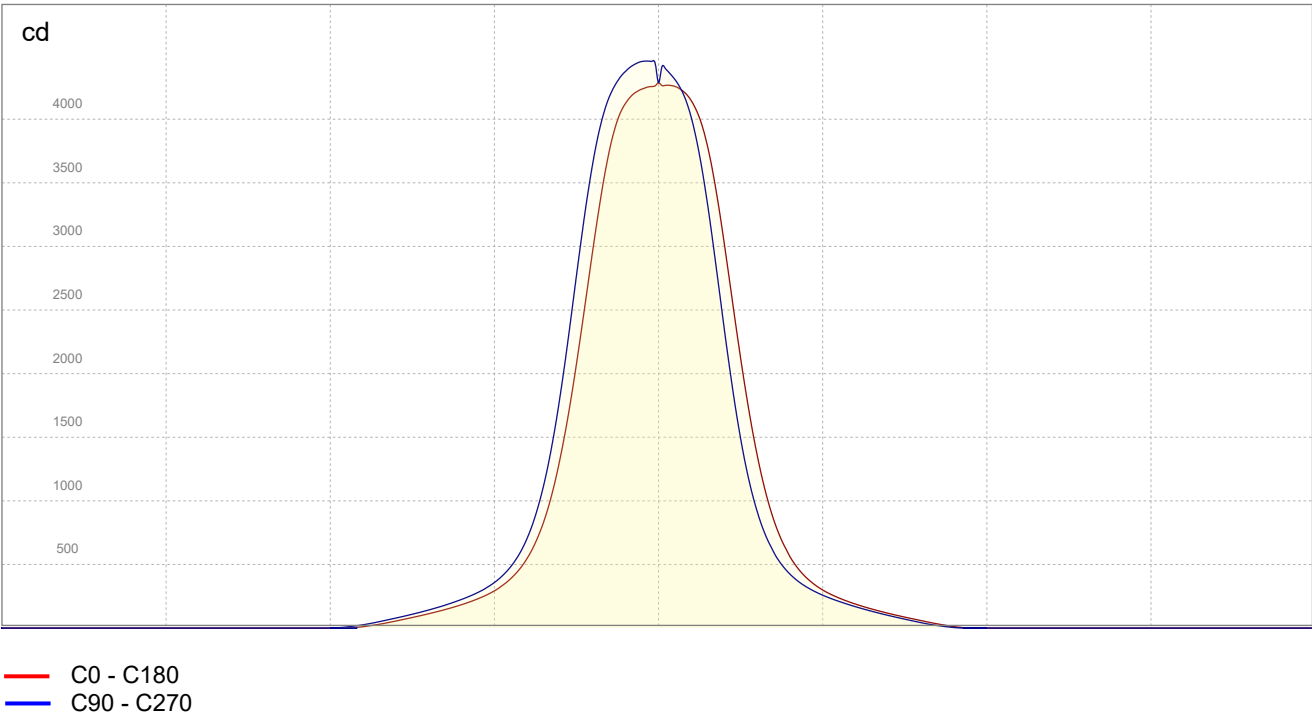
Iso-illuminance Diagram (Iso-lux)



Test report

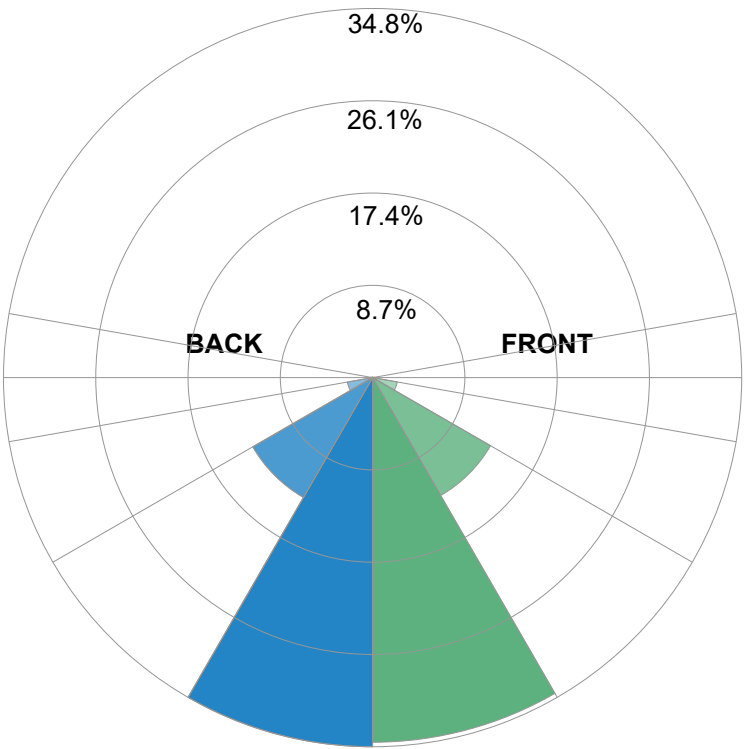
Light measurement results

Linear intensity distribution



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

BUG rating B3 U0 G0



Forward Light

Low (0-30°)	1049.6 lm	34.4%
Medium (30-60°)	391.9 lm	12.8%
High (60-80°)	72.2 lm	2.4%
Very High	2.7 lm	0.1%

Back Light

Low (0-30°)	1062.5 lm	34.8%
Medium (30-60°)	398.5 lm	13.1%
High (60-80°)	73.8 lm	2.4%
Very High	2.8 lm	0.1%

Uplight

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

Total

Sum	3053 lm	100%
-----	---------	------