

# 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 RED-15D-Rev1

Basic Luminous Shape

NONE

Item No.

Manufacturer

Luminoscape

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)

518 lm

Efficiency

21 lm/W

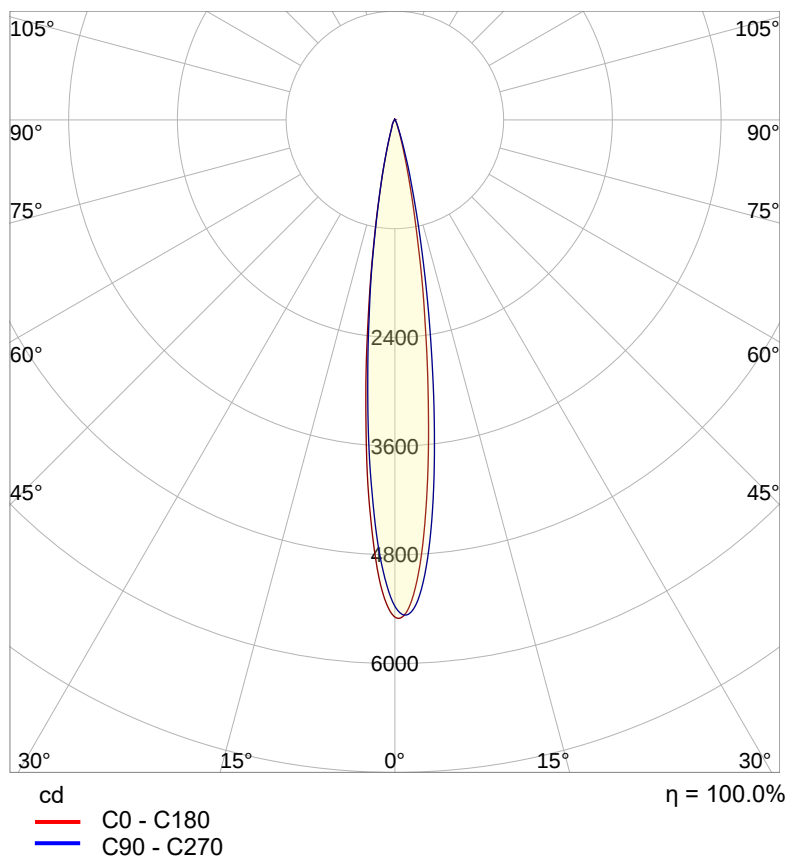
Peak Intensity

5500 cd

Correlated Color Temperature, CCT

Color Rendering Index

## Polar light distribution diagram

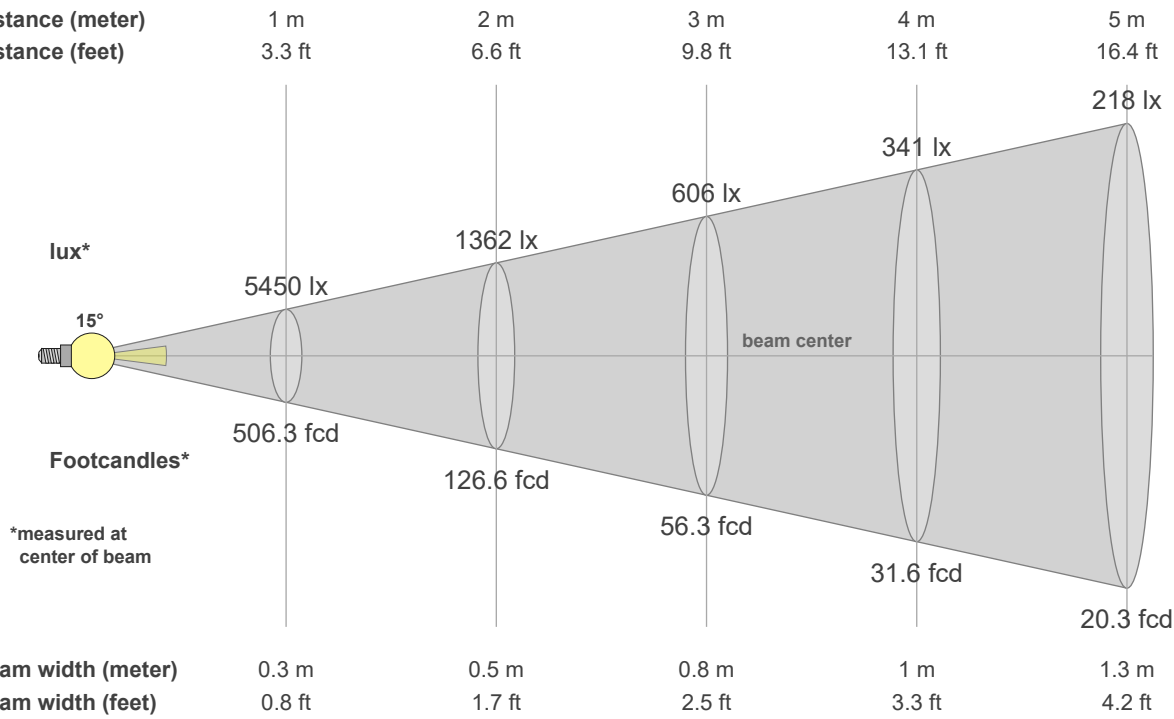


# Test report

Light measurement results

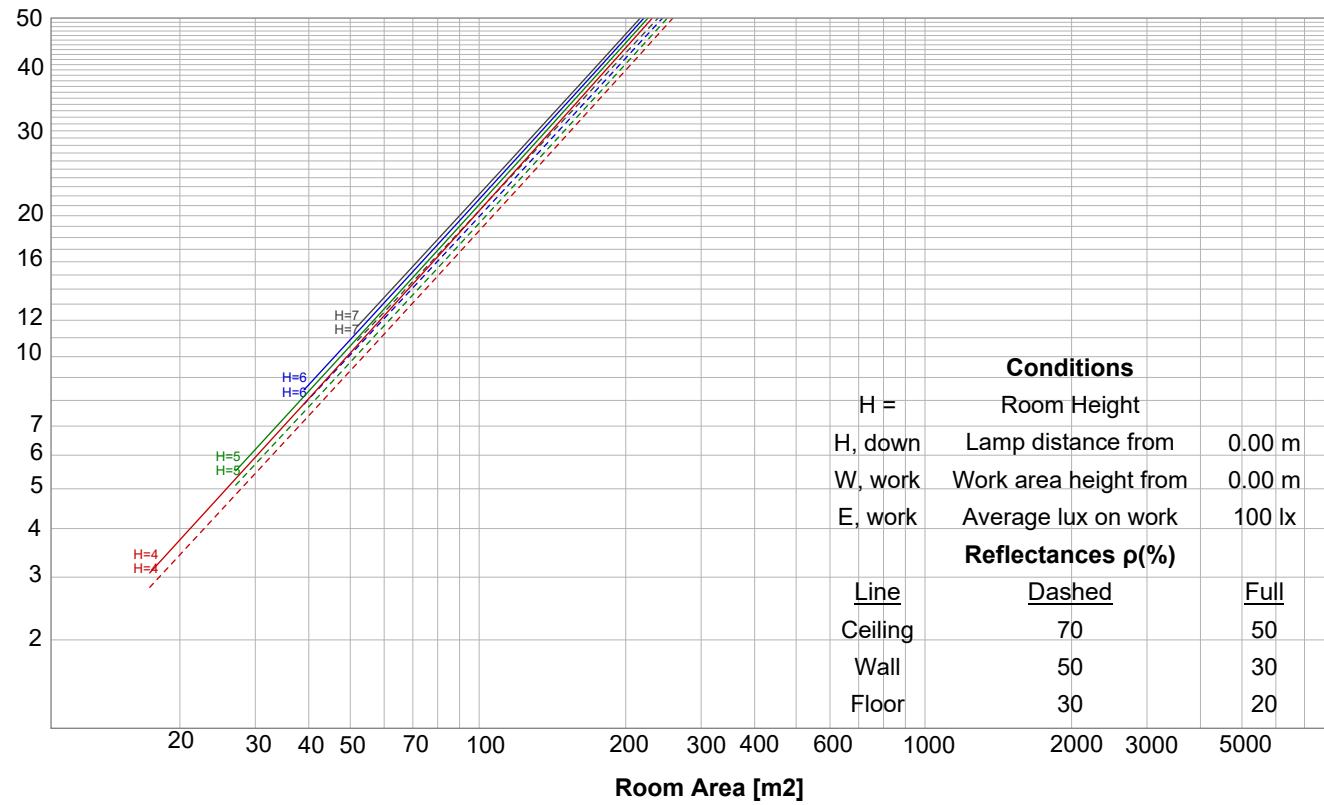
Print date 10/7/2025

## Beam details



## Luminaire budgetary diagram

LAMPS (number of lamps)

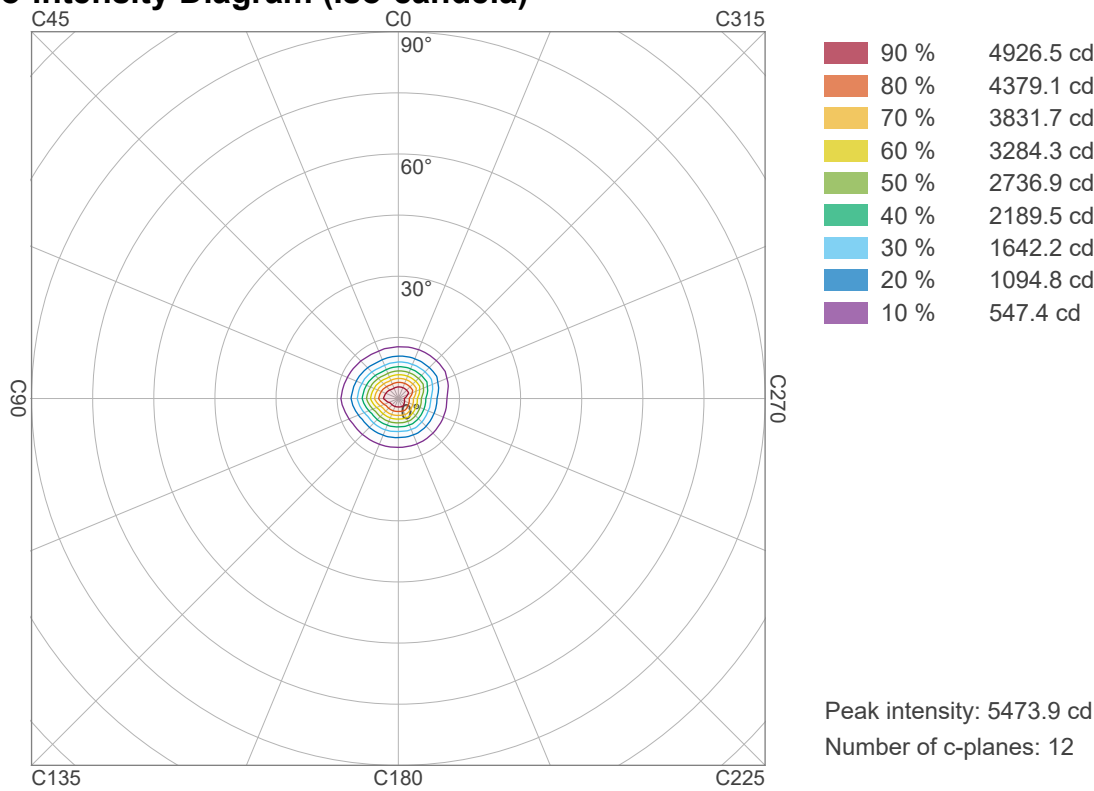


# Test report

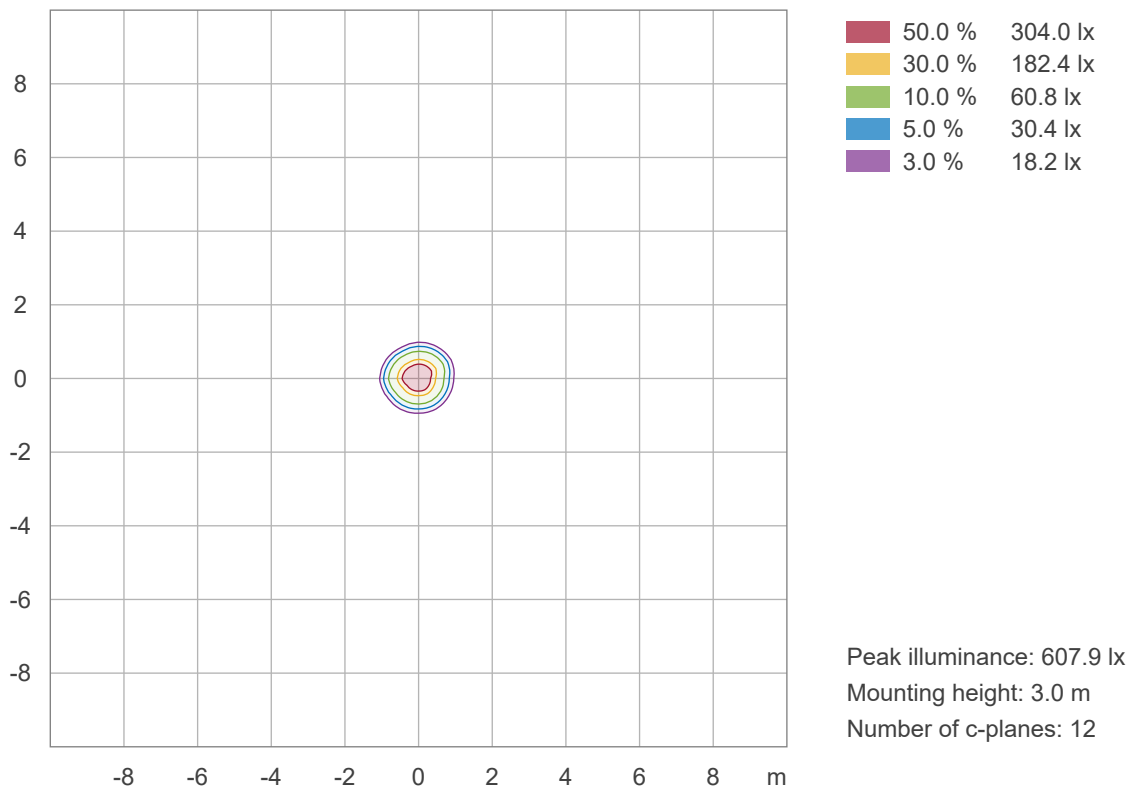
Light measurement results

Print date 10/7/2025

## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

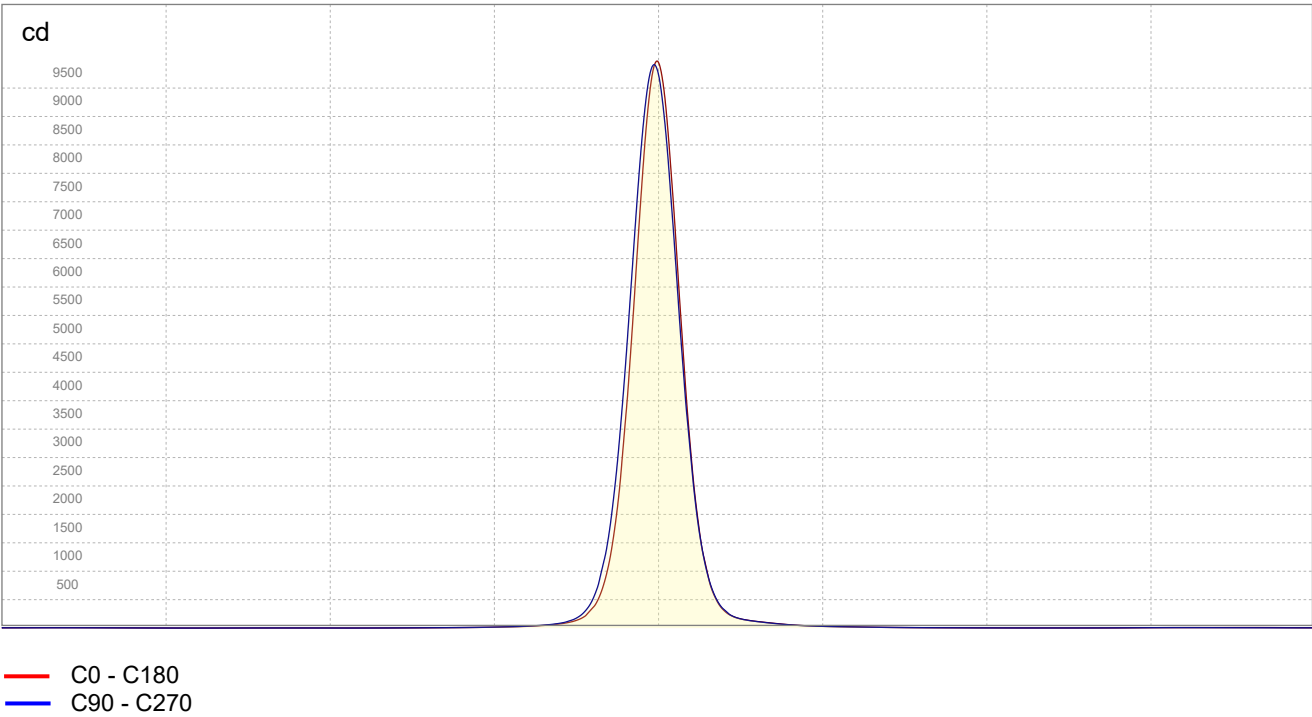


# Test report

Light measurement results

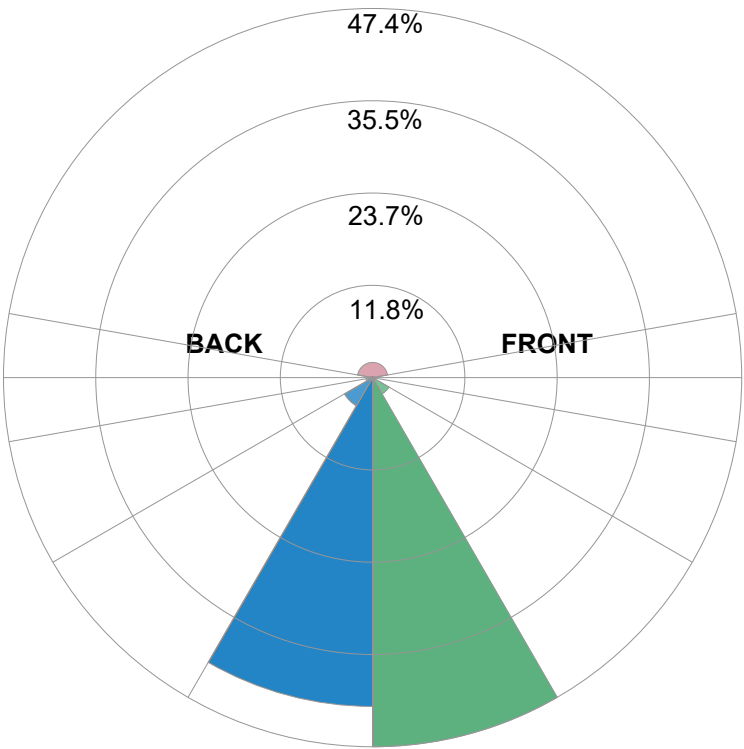
Print date 10/7/2025

## Linear intensity distribution



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

BUG rating B1 U1 G0



### Forward Light

|                 |       |    |       |
|-----------------|-------|----|-------|
| Low (0-30°)     | 245.4 | lm | 47.4% |
| Medium (30-60°) | 12.5  | lm | 2.4%  |
| High (60-80°)   | 2.2   | lm | 0.4%  |
| Very High       | 0.5   | lm | 0.1%  |

### Back Light

|                 |       |    |       |
|-----------------|-------|----|-------|
| Low (0-30°)     | 218.6 | lm | 42.2% |
| Medium (30-60°) | 21.6  | lm | 4.2%  |
| High (60-80°)   | 4.5   | lm | 0.9%  |
| Very High       | 1.2   | lm | 0.2%  |

### Uplight

|                 |      |    |      |
|-----------------|------|----|------|
| Low (90-100°)   | 1.4  | lm | 0.3% |
| High (100-180°) | 10.1 | lm | 2%   |

### Total

|     |     |    |      |
|-----|-----|----|------|
| Sum | 518 | lm | 100% |
|-----|-----|----|------|