

# Test report

Light measurement results

Print date 10/7/2025

## Laboratory and Equipment

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

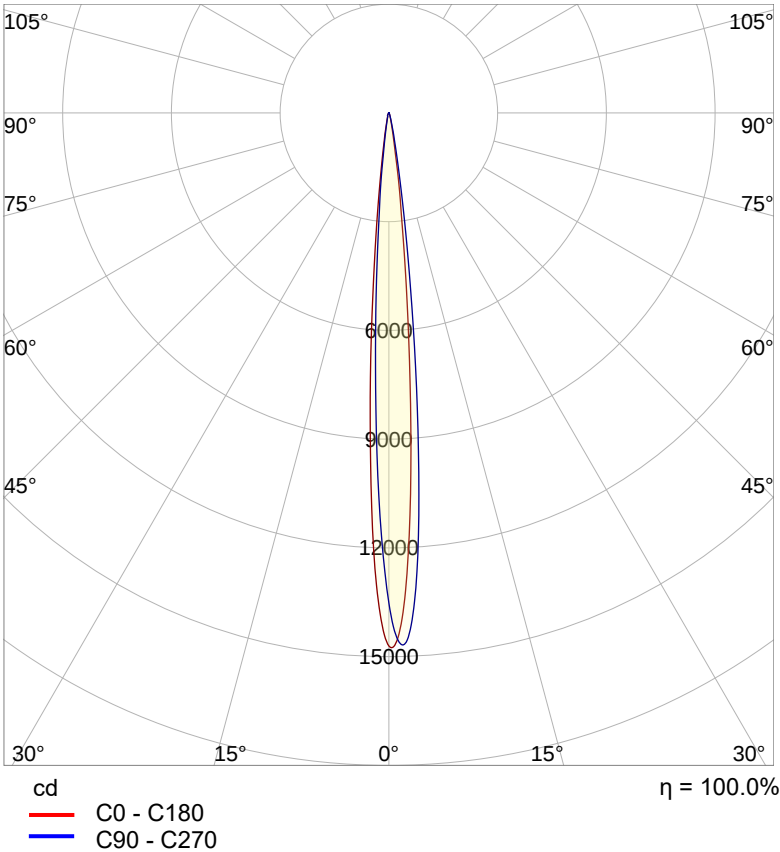
## Measurement Conditions

Tested c-planes  
Tested gamma angles  
Input Power 25.0 W

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

Main Light Measurement Results  
Output – Total Lumen (Up% / Down%) 540 lm  
Efficiency 22 lm/W  
Peak Intensity 14728 cd  
Correlated Color Temperature, CCT  
Color Rendering Index

## Polar light distribution diagram

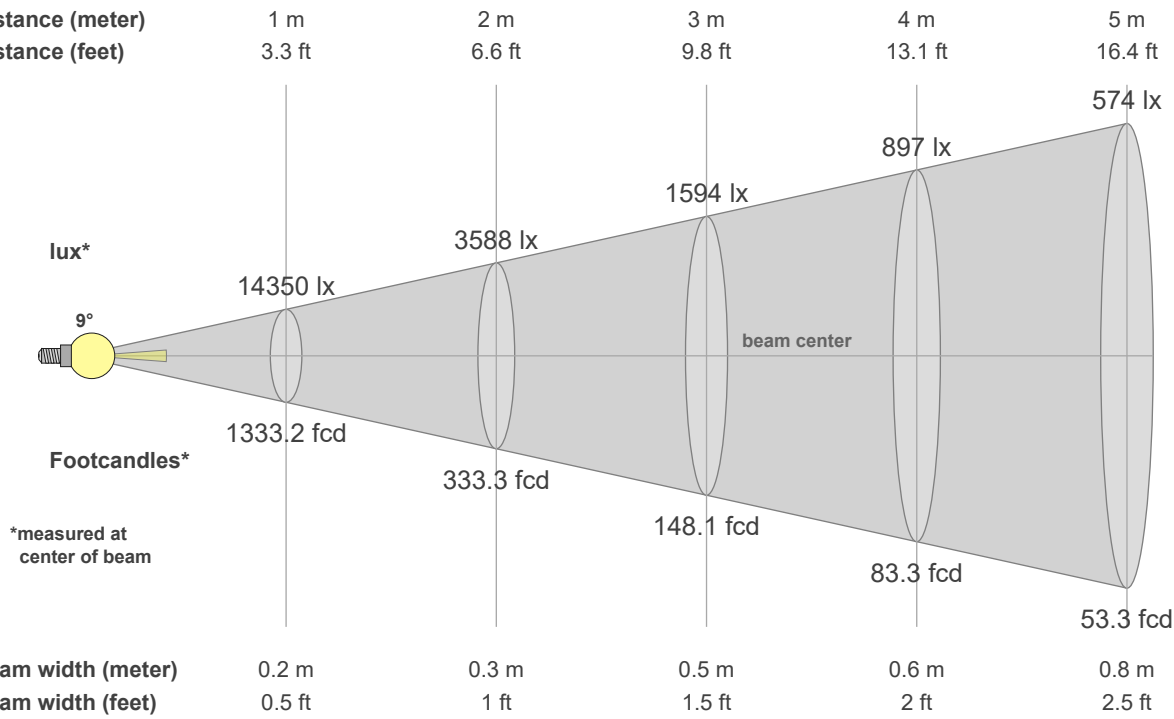


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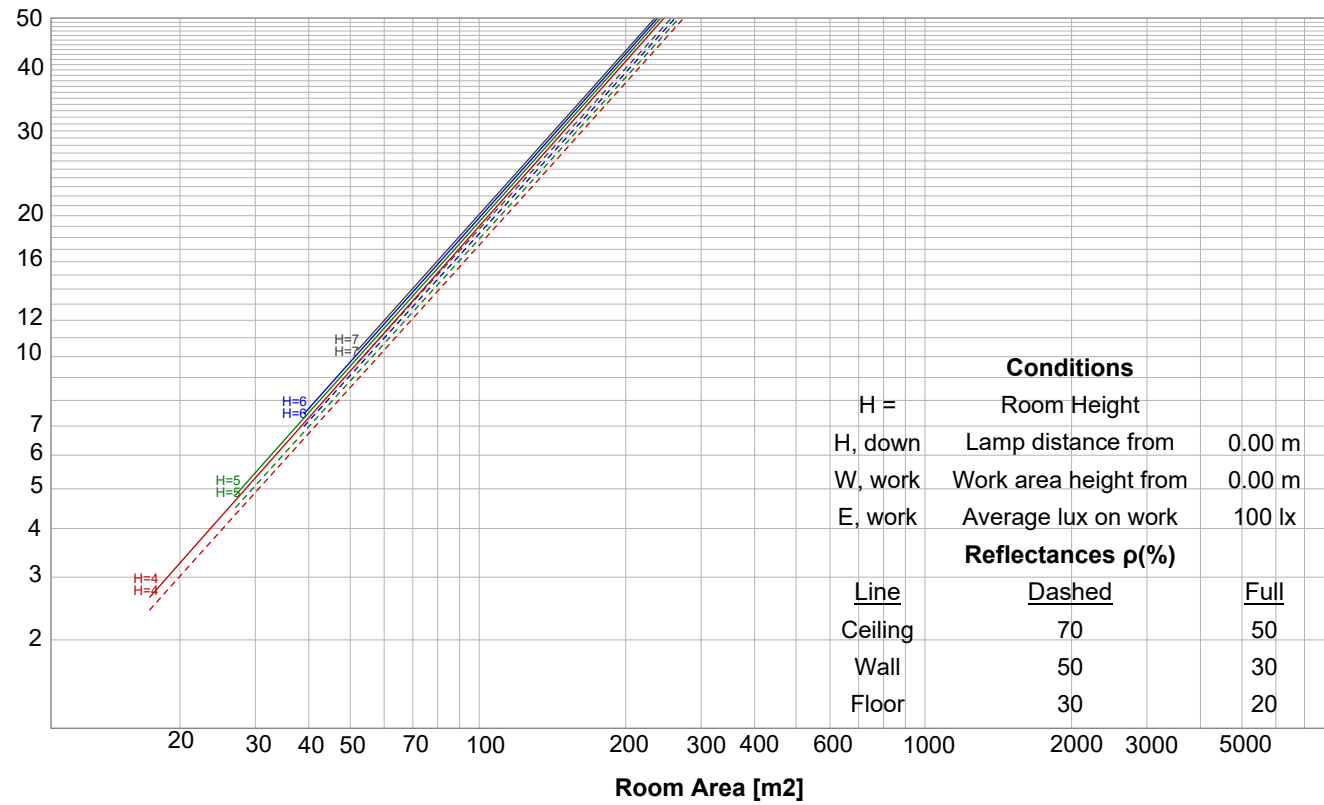
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## Beam details



## Luminaire budgetary diagram

LAMPS (number of lamps)

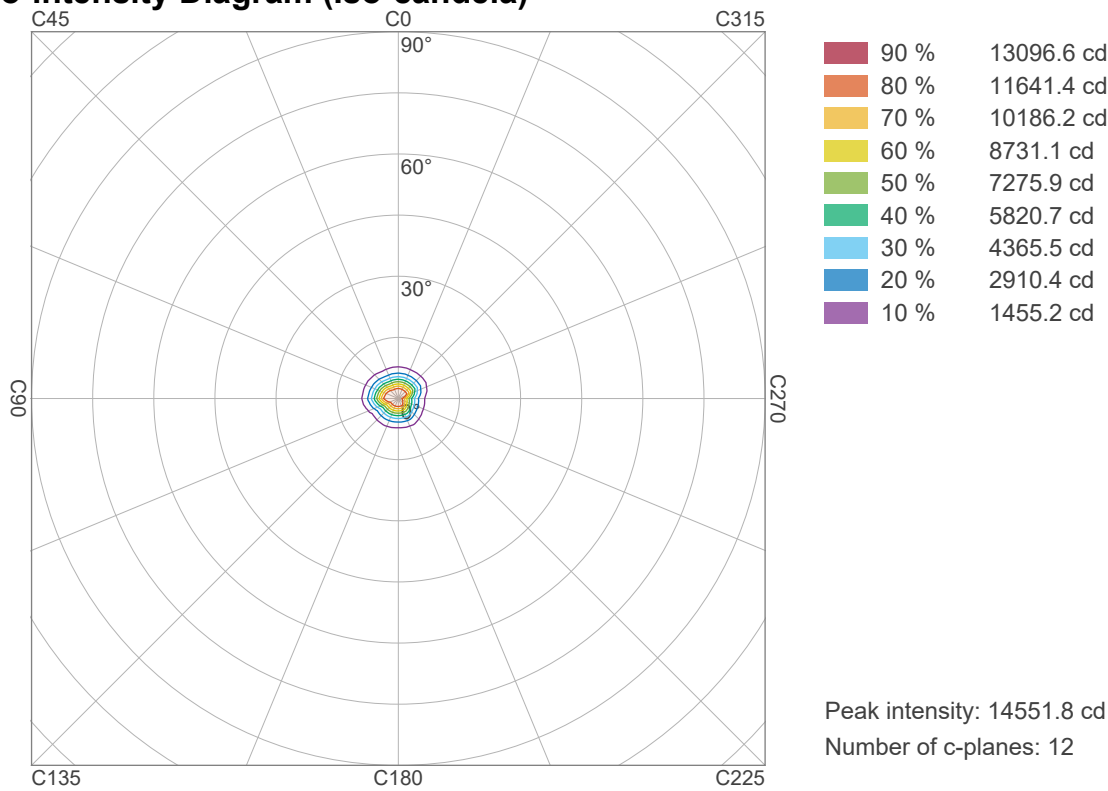


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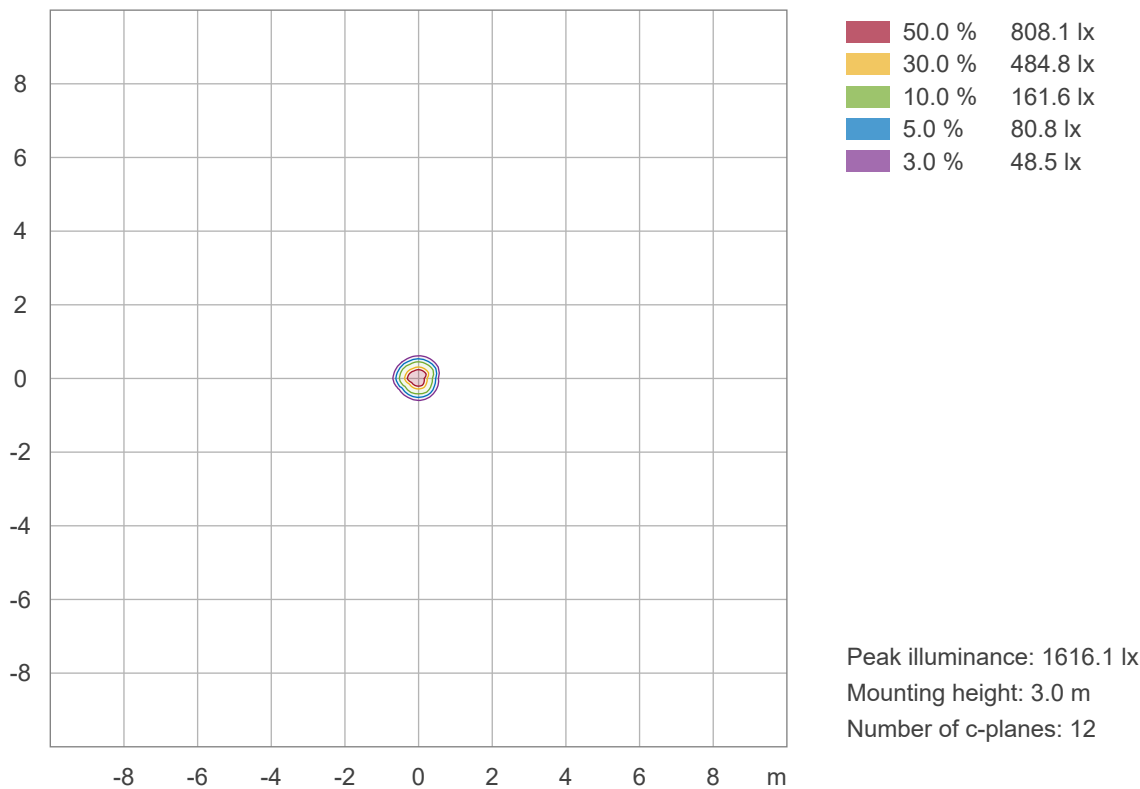
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## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

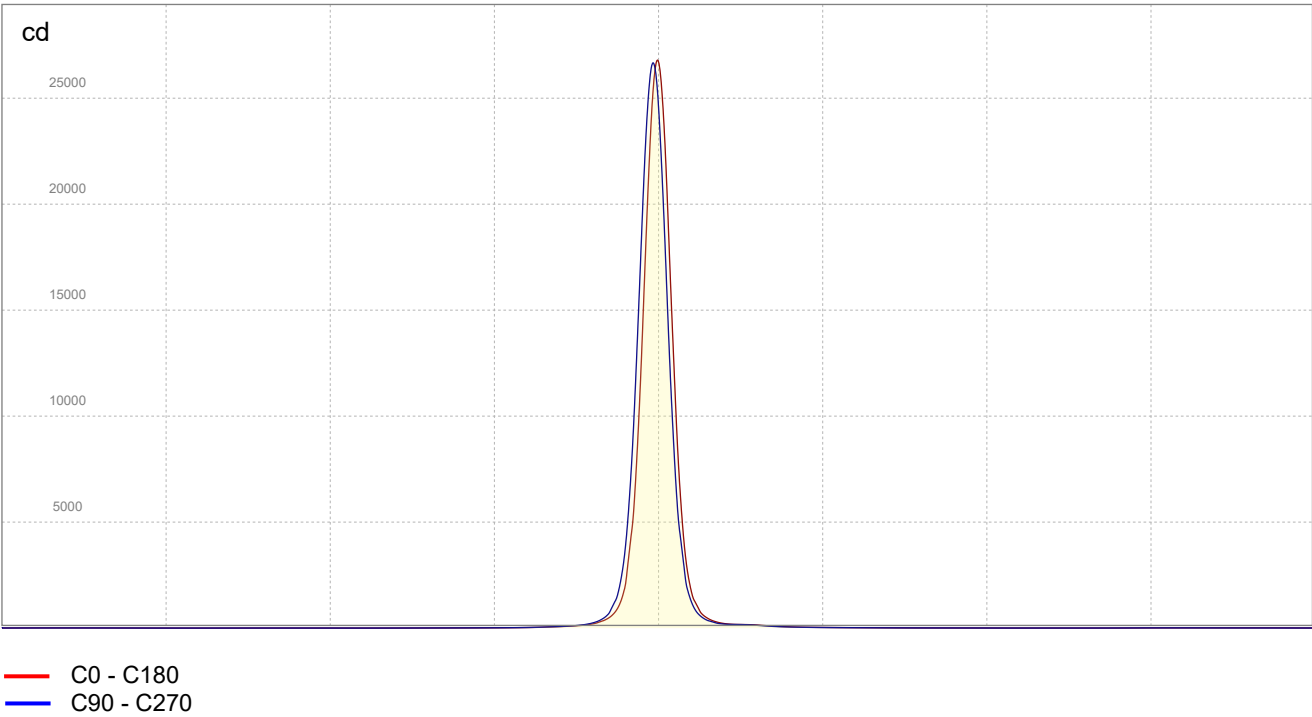


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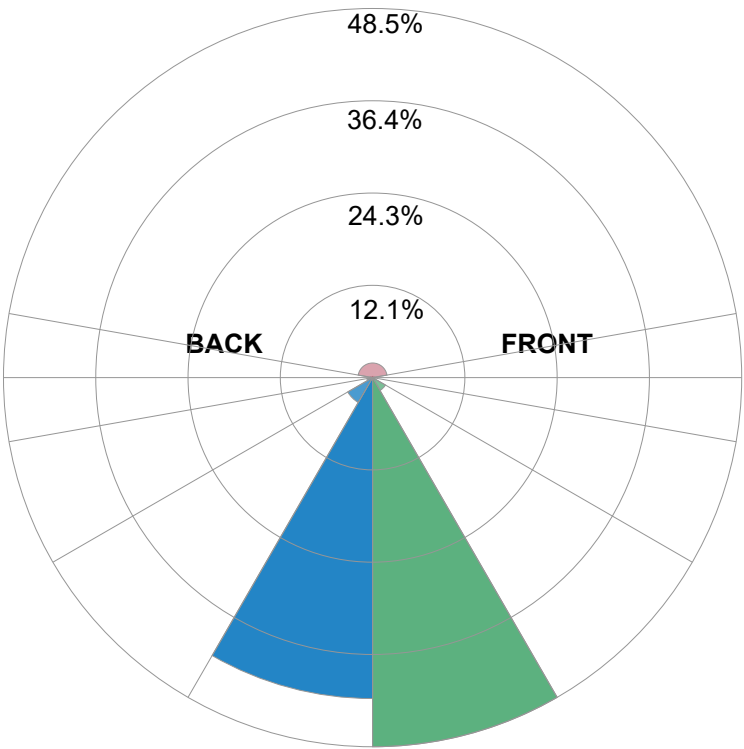
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## Linear intensity distribution



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

BUG rating B1 U1 G0



### Forward Light

|                 |      |    |       |
|-----------------|------|----|-------|
| Low (0-30°)     | 262  | lm | 48.5% |
| Medium (30-60°) | 10.5 | lm | 1.9%  |
| High (60-80°)   | 1.7  | lm | 0.3%  |
| Very High       | 0.4  | lm | 0.1%  |

### Back Light

|                 |       |    |       |
|-----------------|-------|----|-------|
| Low (0-30°)     | 227.8 | lm | 42.2% |
| Medium (30-60°) | 20.4  | lm | 3.8%  |
| High (60-80°)   | 4.1   | lm | 0.8%  |
| Very High       | 1.2   | lm | 0.2%  |

### Uplight

|                 |      |    |      |
|-----------------|------|----|------|
| Low (90-100°)   | 1.4  | lm | 0.3% |
| High (100-180°) | 10.4 | lm | 1.9% |

### Total

|     |     |    |      |
|-----|-----|----|------|
| Sum | 540 | lm | 100% |
|-----|-----|----|------|