

# Test report

Light measurement results

Print date 2/24/2025

## Laboratory and Equipment

Test lab

Spectrometer Manufacturer and Model

Measurement date

6/11/2018

## Measurement Conditions

Tested c-planes

17 – distance {C\_PLANES\_DIST}°

Tested gamma angles

181 – {H\_PLANES\_DIST}°

Input Power

24.0 W

## Tested Light Source

Luminaire

52006 - Spec

Basic Luminous Shape

PANEL

Item No.

Manufacturer

MAXIM LIGHTING

## Main Light Measurement Results

Output – Total Lumen (Up% / Down%)

1697 lm – 14.34% / 85.66%

Efficiency

71 lm/W

Peak Intensity

422 cd

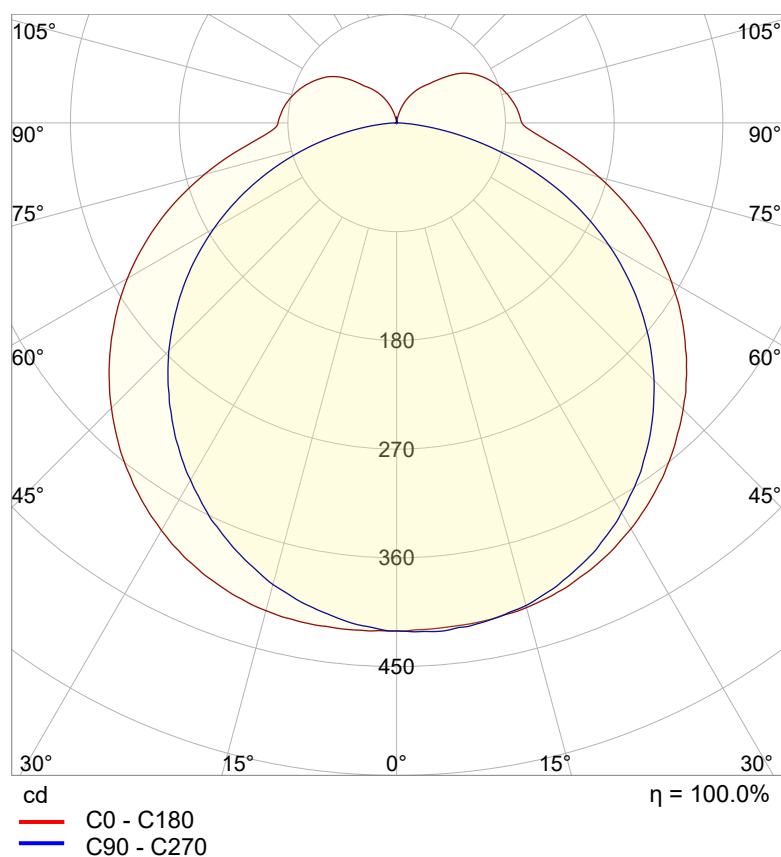
Correlated Color Temperature. CCT

3000 K

Color Rendering Index

CRI 90.0

## Polar light distribution diagram

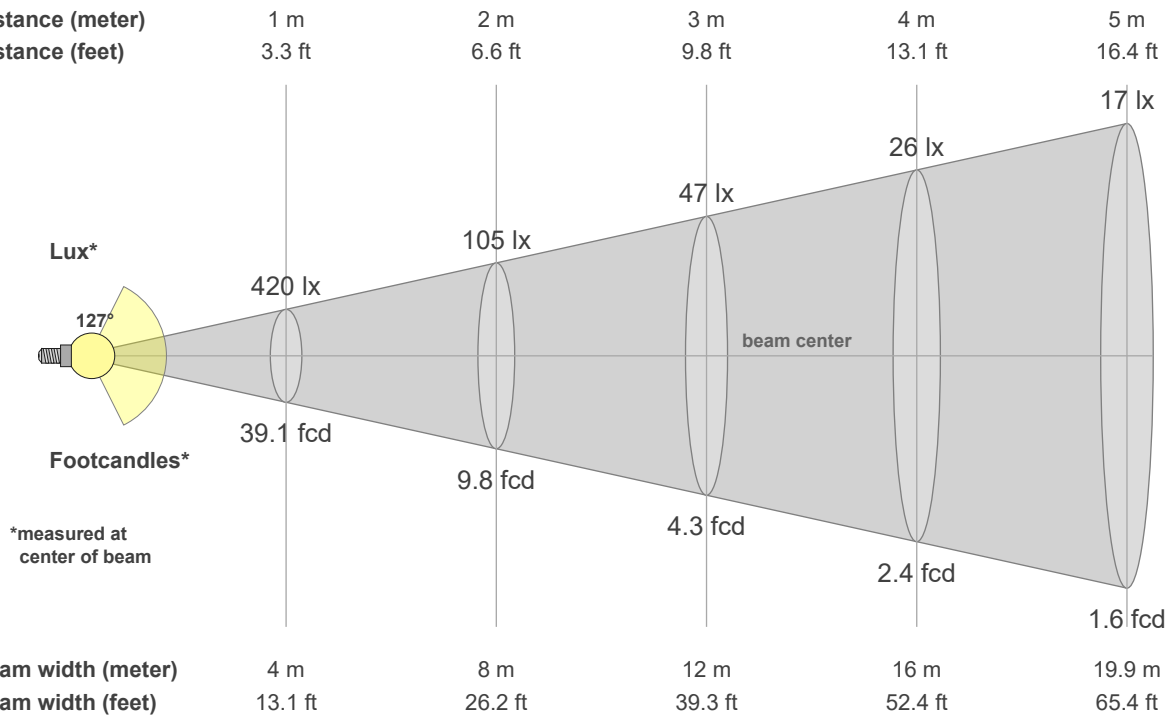


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Light measurement results

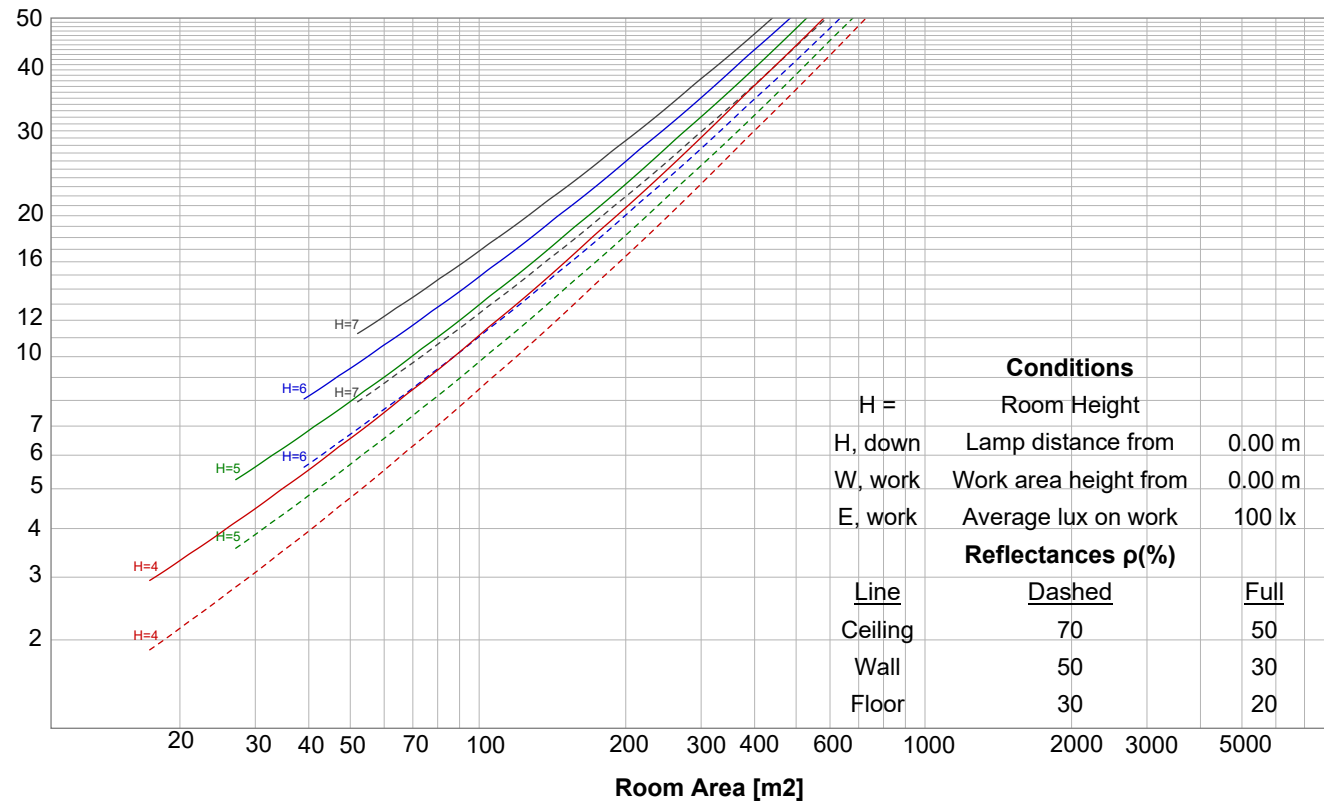
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## Beam details

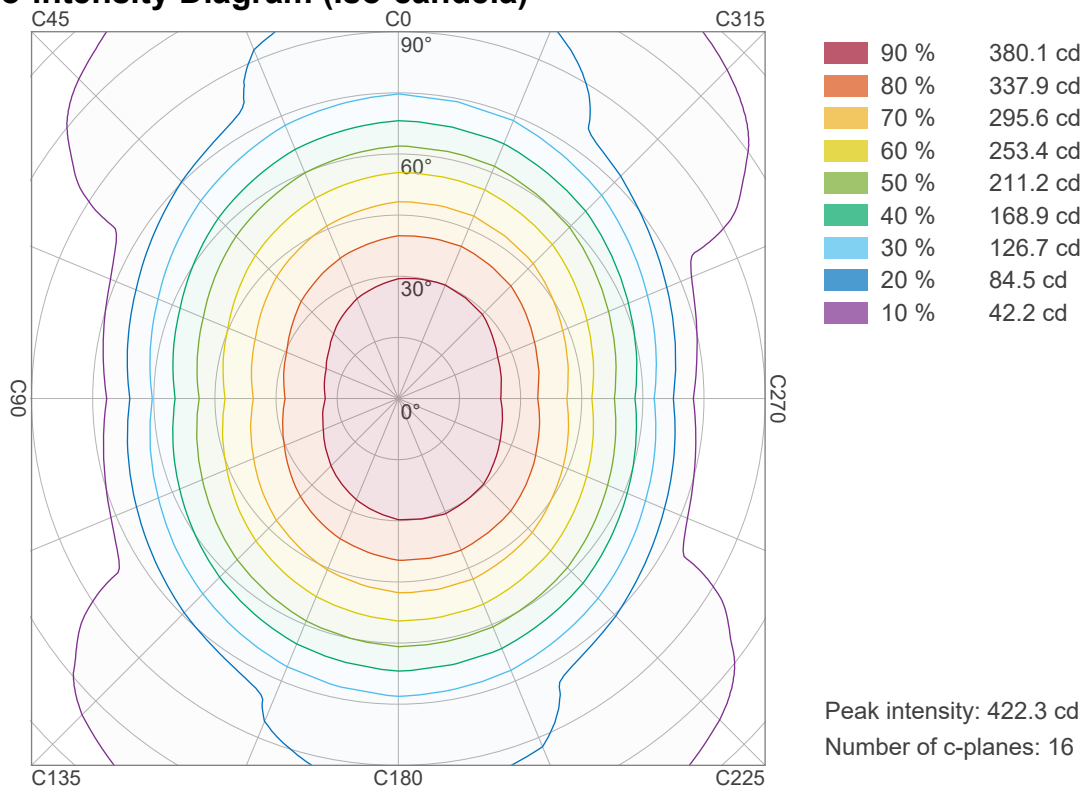


## Luminaire budgetary diagram

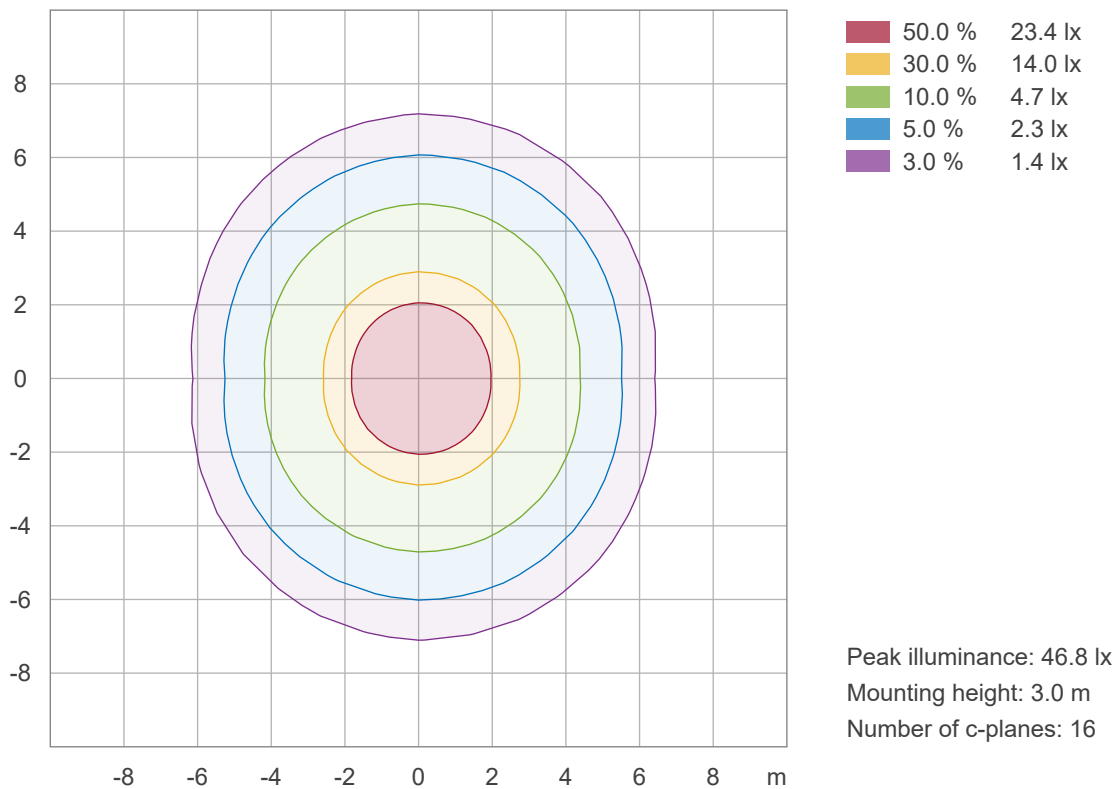
LAMPS (number of lamps)



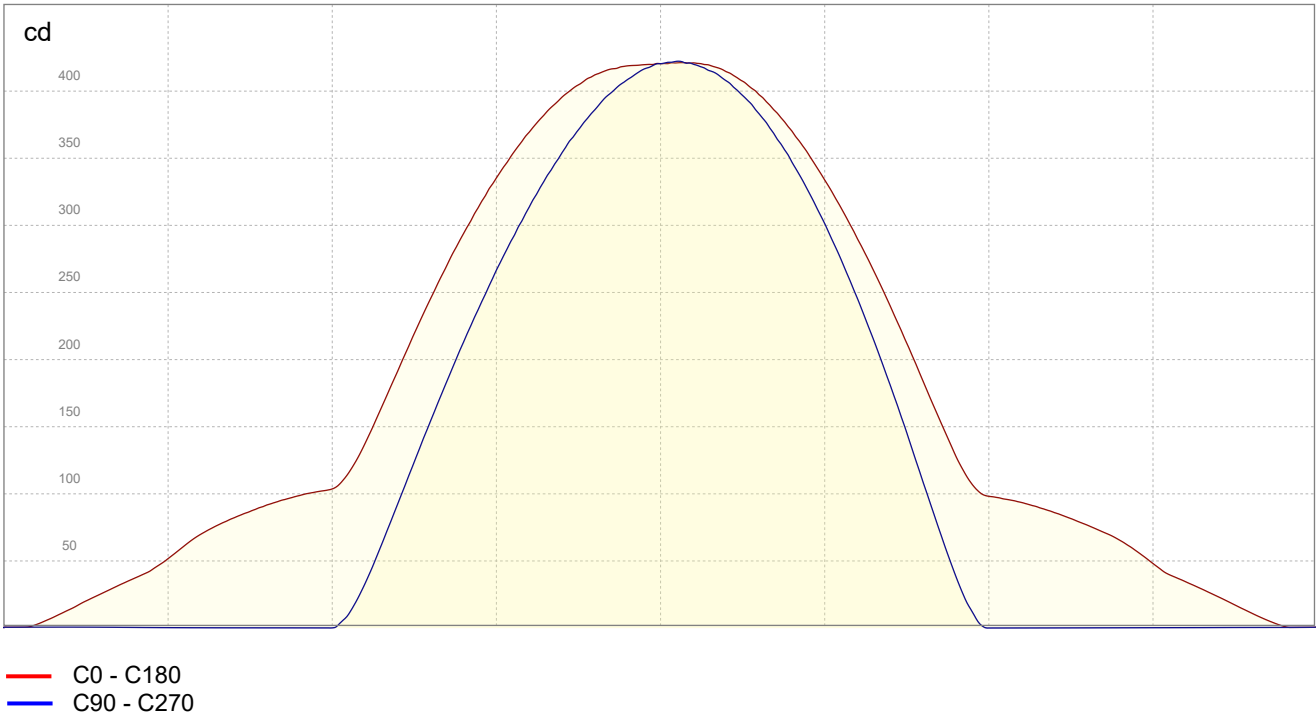
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

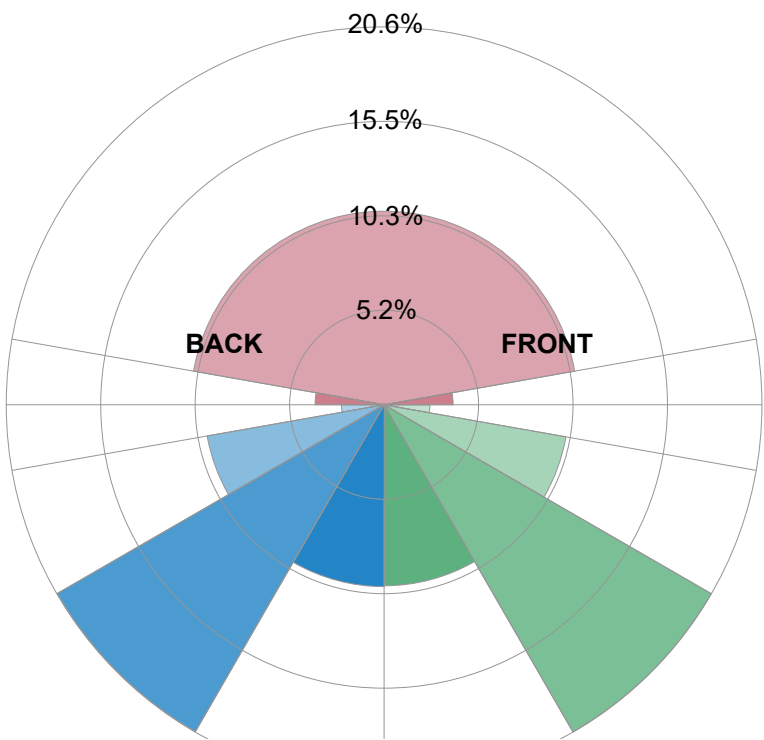


## Linear intensity distribution



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

BUG rating B1 U3 G1



### Forward Light

Low (0-30°)	167.5	lm	9.9%
Medium (30-60°)	349.7	lm	20.6%
High (60-80°)	170.9	lm	10.1%
Very High	42.3	lm	2.5%

### Back Light

Low (0-30°)	168.3	lm	9.9%
Medium (30-60°)	349.3	lm	20.6%
High (60-80°)	166.2	lm	9.8%
Very High	39.4	lm	2.3%

### Uplight

Low (90-100°)	63.9	lm	3.8%
High (100-180°)	179.1	lm	10.5%

### Total

Sum	1697	lm	100%
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