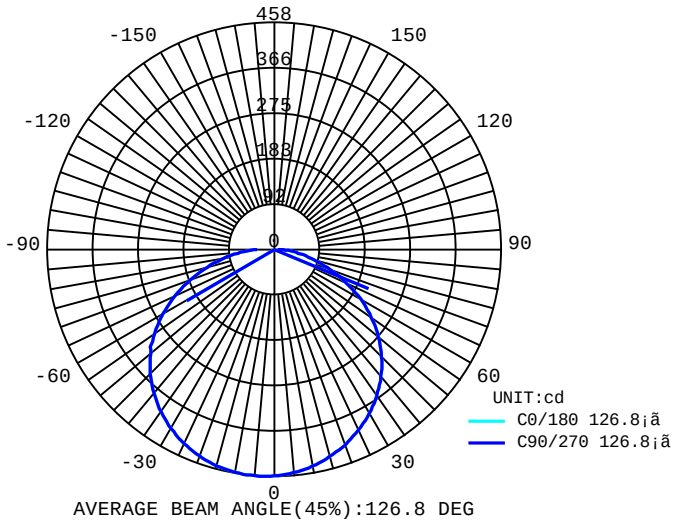
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98 | SKU: Plafond200-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |

| | | | | | |
|---|---|---|---|---|---|
| DATA OF LAMP | | Imax(cd) | 457.6 | S/MH(C0/180) | 1.25 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.25 |
| NOMINAL POWER(W) | 15 | TOTAL FLUX(lm) | 1453.2 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 220.0 | EFFICIENCY(lm/W) | 94.6 | Current(A) | 0.640 |
| NOMINAL FLUX(lm) | 1453.2 | η up(%) | 0.0 | Power(W) | 15.36 |
| LAMPS QUANTITY | 1 | η down(%) | 100.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effictive Flux(lm) | 1438.0 | EEI | 0.146(A+) |

## LUMINOUS INTENSITY DISTRIBUTION




AVERAGE BEAM ANGLE(45%):126.8 DEG

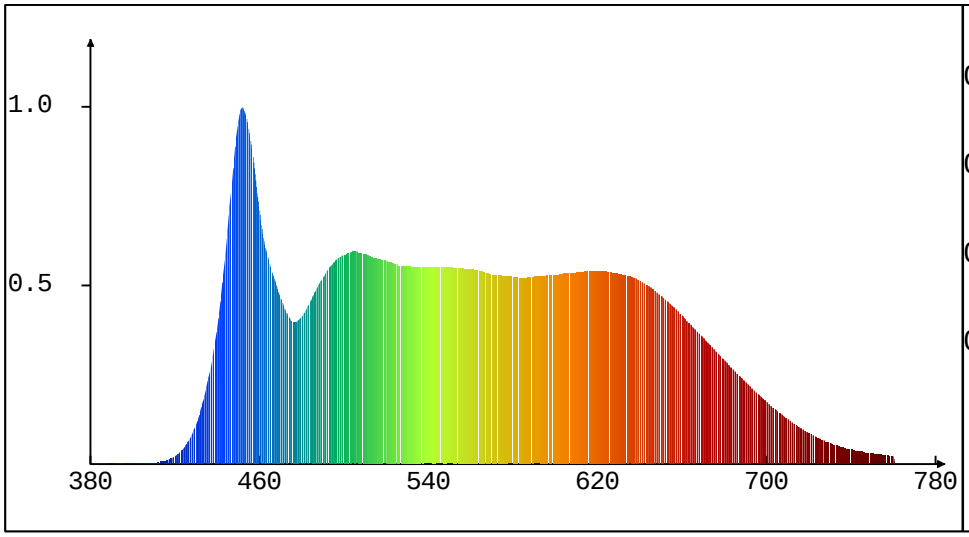
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

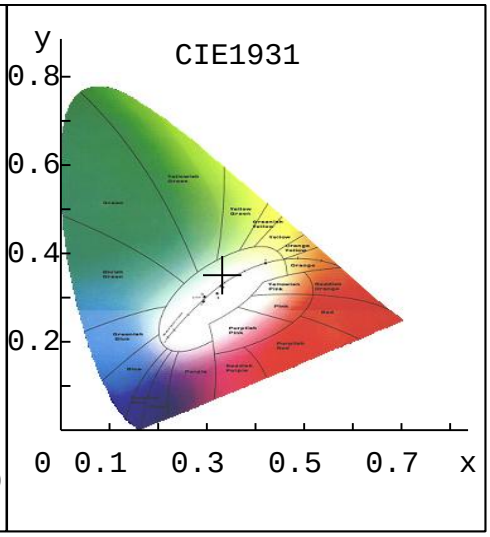
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

# Spectrum Chart

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98 | SKU: Plafond200-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Avg Chro. Para.

CCT: 5488K Chro. Coor.: xa=0.3328 ya=0.3476 u'a=0.2046 v'a=0.4809 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3328 y=0.3476 u'=0.2046 v'=0.4809 duv=0.0031

CCT: 5488K Dominant Wave: 552.7nm Purity: 4.2% Light Intensity: 1449.4cd

Flux RGB Ratio: R=33.5%,G=38.7%,B=27.8% Peak Wave: 450.6nm Half Width: 25.1nm

Rendering Index: Ra= 97.8

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =98 | R2 =99 | R3 =99 | R4 =99 | R5 =98 | R6 =97 | R7 =97 | R8 =96 |
| R9 =93 | R10=98 | R11=97 | R12=82 | R13=99 | R14=99 | R15=97 | |

## Instrument State

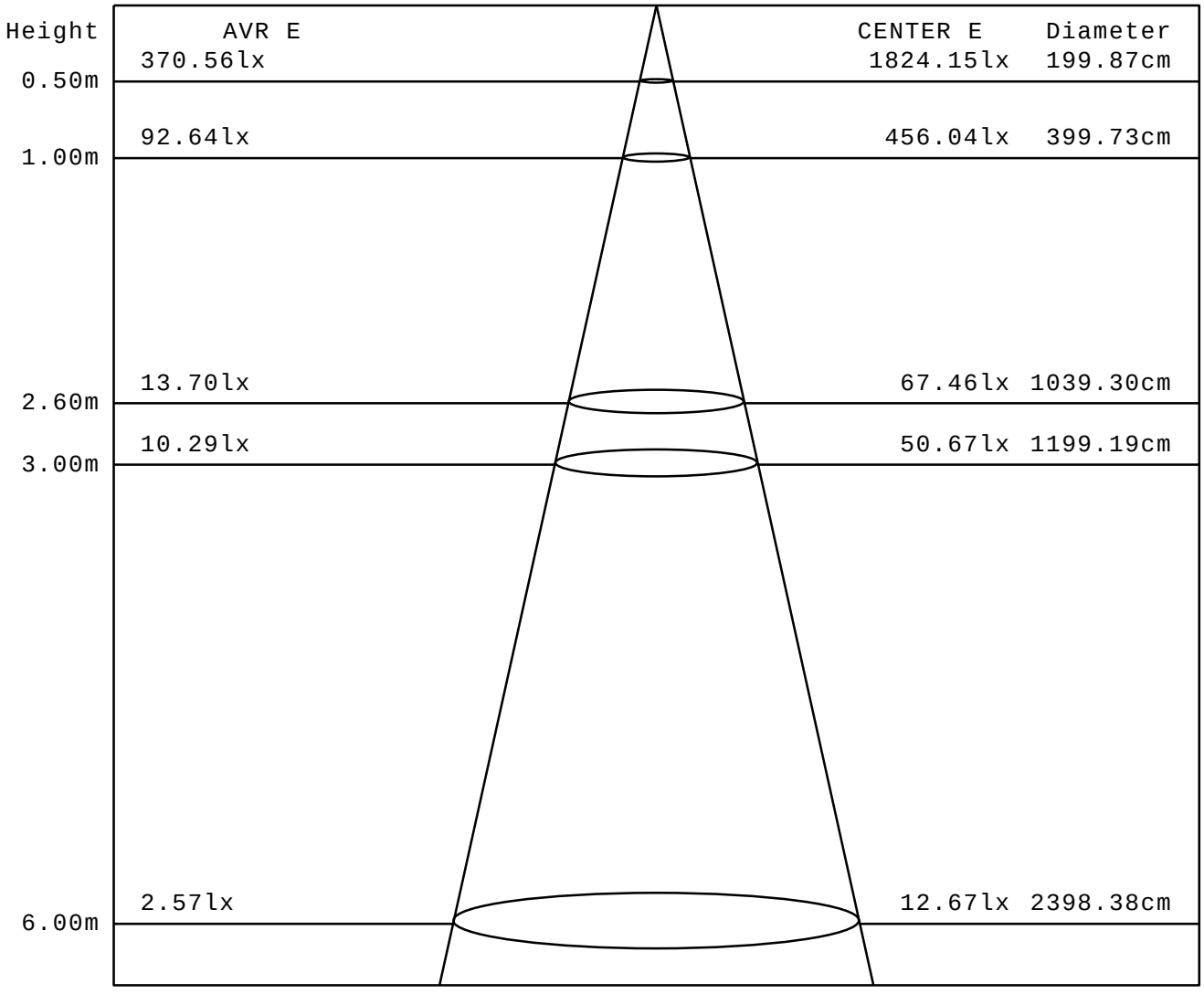
Scan Range: 380nm-780nmIntegral Time: 71.0ms Peak Signal: 71000 Dark Signal: 55317

Test System:HopooColor HP880 Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:1.000 m
Test Date:09-20-2024 Remarks:

# AVERAGE AND CENTER E Figure

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98 | SKU: Plafond200-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Angle:126.8deg

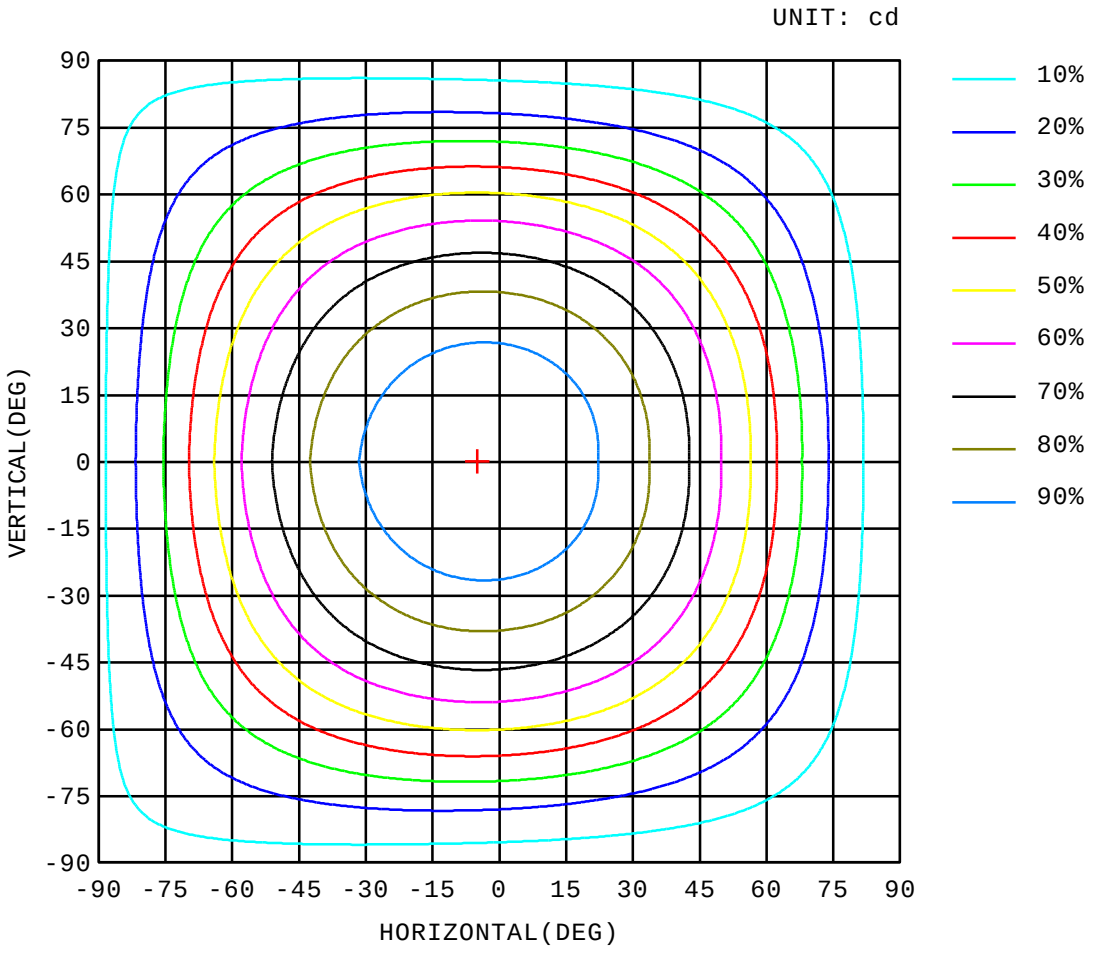
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

# ISOCANDELA DIAGRAM

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98 | SKU: Plafond200-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks: