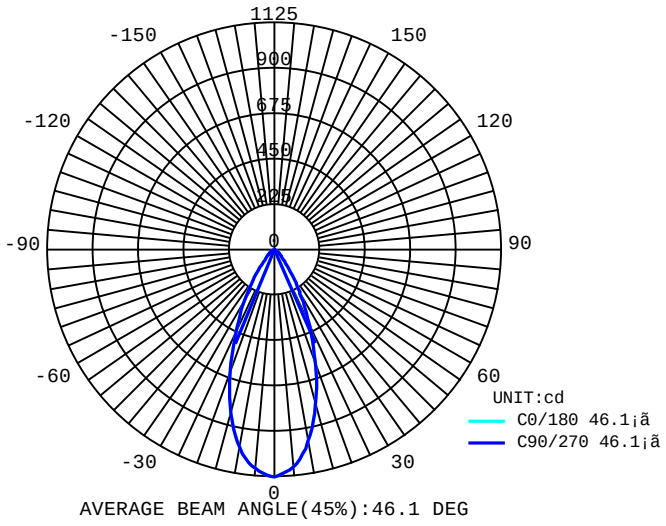
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: COB LED downlight module — ModLed, dimmable 7W, high CRI98, 3000K | SKU: ModLed-3000K-module | TYPE: LED |
| SPECIFICATION: LED module | NOTES: Single color | MEASURED BY: Lamppukauppa Led Store Oy |

| | | | | | |
|---|---|---|---|---|---|
| DATA OF LAMP | | Imax(cd) | 1125 | S/MH(C0/180) | 0.67 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 0.67 |
| NOMINAL POWER(W) | 7 | TOTAL FLUX(lm) | 713.35 | Voltage(V) | 230.0 |
| RATED VOLTAGE(V) | 220.0 | EFFICIENCY(lm/W) | 103.4 | Current(A) | 0.030 |
| NOMINAL FLUX(lm) | 713.4 | η up(%) | 0.0 | Power(W) | 6.900 |
| LAMPS QUANTITY | 1 | η down(%) | 100.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 230.0 | Effictive Flux(lm) | 623.8 | EEI | 0.131(A+) |

## LUMINOUS INTENSITY DISTRIBUTION




AVERAGE BEAM ANGLE(45%):46.1 DEG

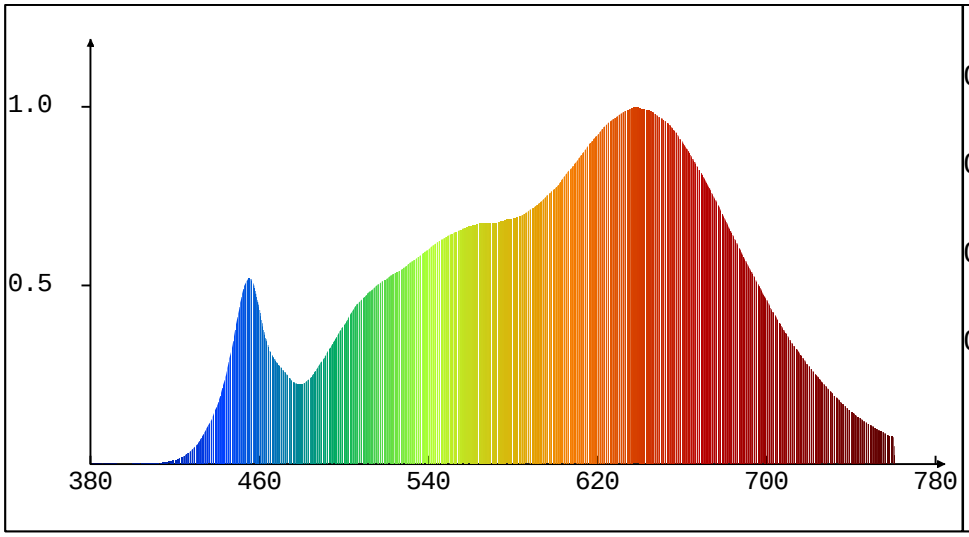
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

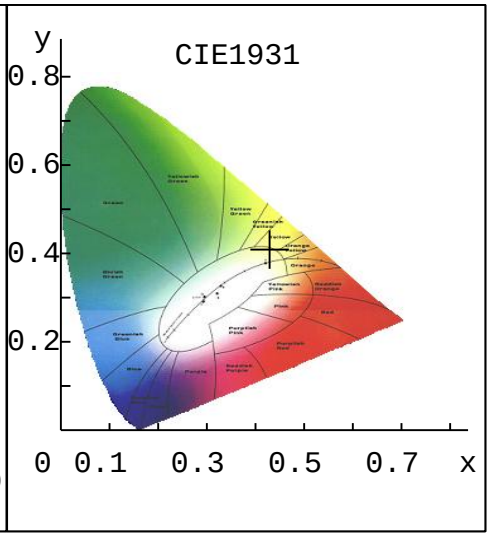
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

# Spectrum Chart

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: COB LED downlight module — ModLed, dimmable 7W, high CRI98, 3000K | SKU: ModLed-3000K-module | TYPE: LED |
| SPECIFICATION: LED module | NOTES: Single color | MEASURED BY: Lamppukauppa Led Store Oy |




Avg Chro. Para.

CCT: 3134K Chro. Coor.: xa=0.4297 ya=0.4050 u'a=0.2455 v'a=0.5207 ¦¤u'v'=0.0003

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4302 y=0.4050 u'=0.2458 v'=0.5207 duv=0.0014

CCT: 3124K Dominant Wave: 581.8nm Purity: 50.7% Light Intensity: 3833.7cd

Flux RGB Ratio: R=54.3%,G=33.9%,B=11.7% Peak Wave: 636.8nm Half Width: 180.8nm

Rendering Index: Ra= 98.1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =99 | R2 =99 | R3 =94 | R4 =99 | R5 =99 | R6 =97 | R7 =99 | R8 =99 |
| R9 =99 | R10=95 | R11=97 | R12=82 | R13=100 | R14=96 | R15=99 | |

## Instrument State

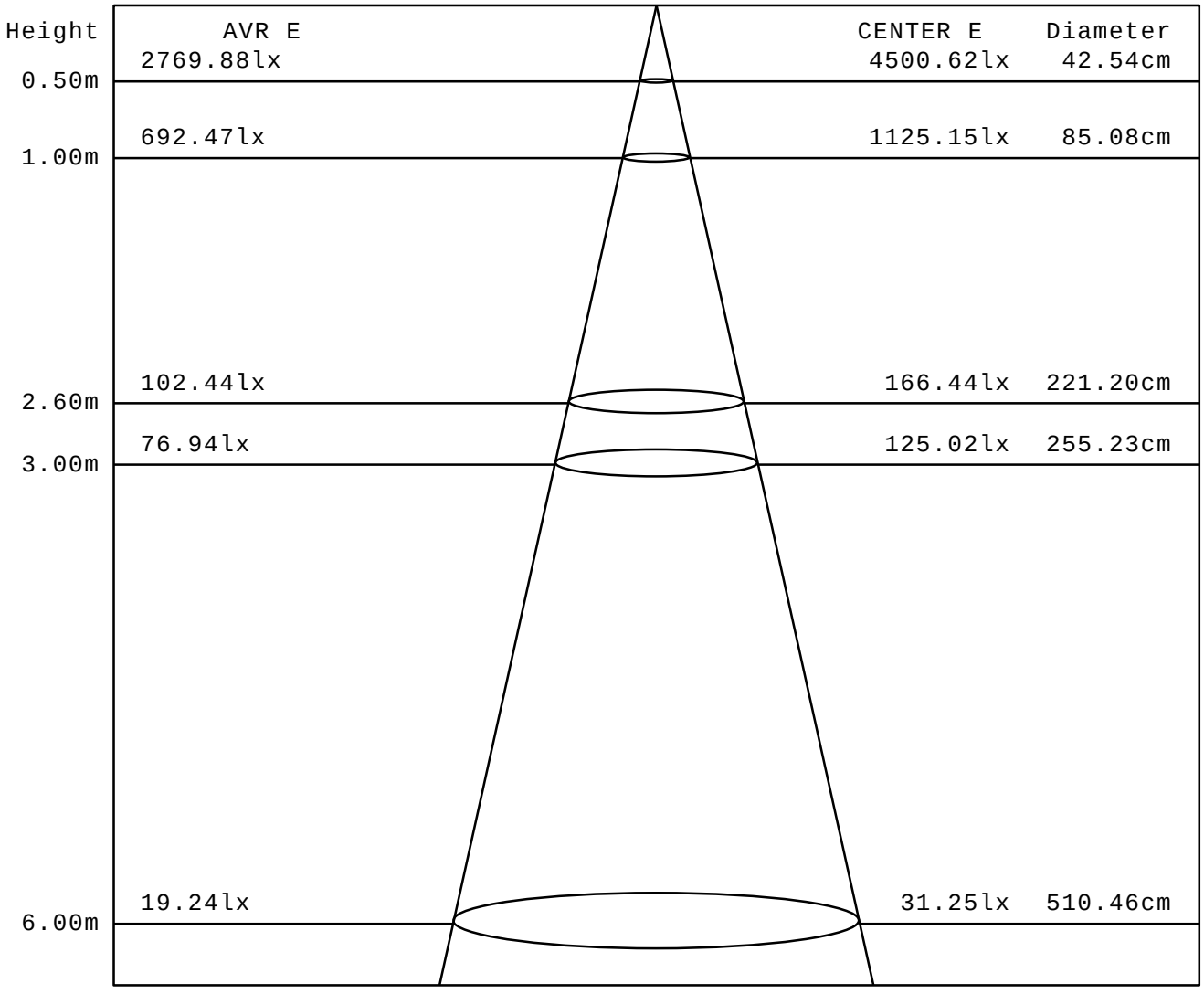
Scan Range: 380nm-780nmIntegral Time: 39.0ms Peak Signal: 39000 Dark Signal: 57329

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: COB LED downlight module — ModLed, dimmable 7W, high CRI98, 3000K | SKU: ModLed-3000K-module | TYPE: LED |
| SPECIFICATION: LED module | NOTES: Single color | MEASURED BY: Lamppukauppa Led Store Oy |




Angle:46.1deg

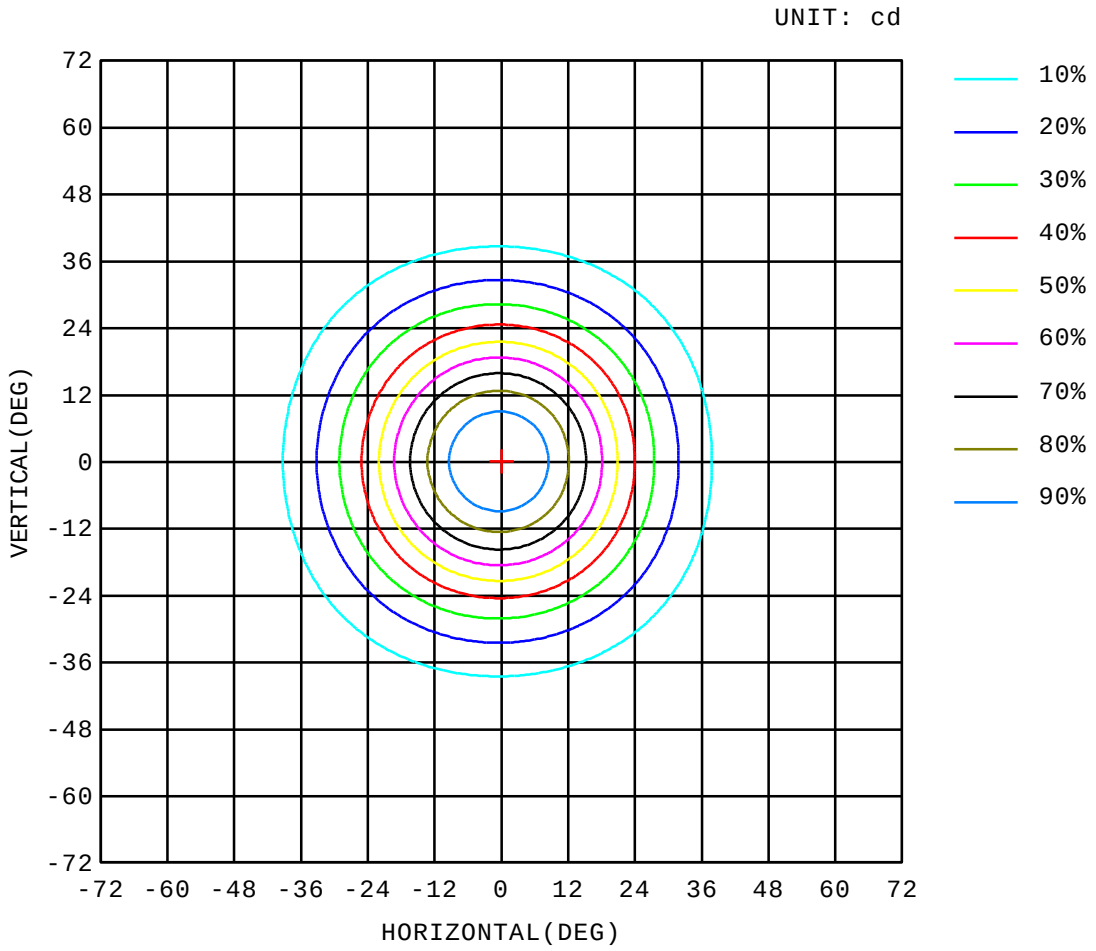
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: COB LED downlight module — ModLed, dimmable 7W, high CRI98, 3000K | SKU: ModLed-3000K-module | TYPE: LED |
| SPECIFICATION: LED module | NOTES: Single color | 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: