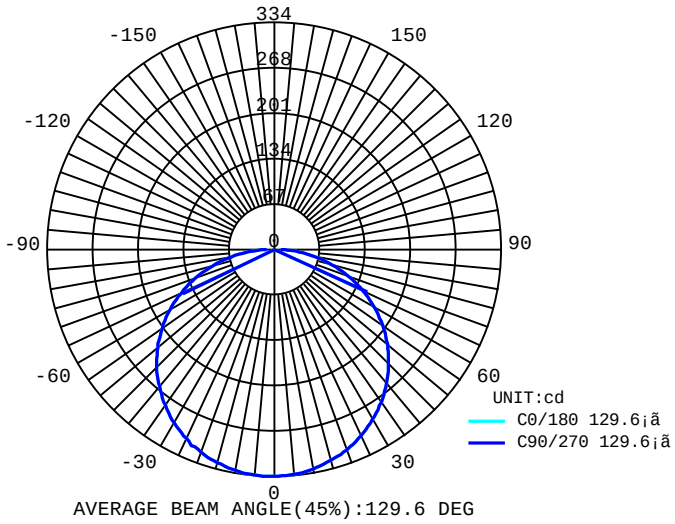
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K | SKU: Plafond280-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the warm end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |

| | | | | | |
|---|---|---|---|---|---|
| DATA OF LAMP | | Imax(cd) | 334.4 | S/MH(C0/180) | 1.29 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.29 |
| NOMINAL POWER(W) | 12 | TOTAL FLUX(lm) | 1082.2 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 220.0 | EFFICIENCY(lm/W) | 93.9 | Current(A) | 0.480 |
| NOMINAL FLUX(lm) | 1082.3 | η up(%) | 0.0 | Power(W) | 11.52 |
| LAMPS QUANTITY | 1 | η down(%) | 100.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effictive Flux(lm) | 1072.8 | EEI | 0.142(A+) |

## LUMINOUS INTENSITY DISTRIBUTION




AVERAGE BEAM ANGLE(45%):129.6 DEG

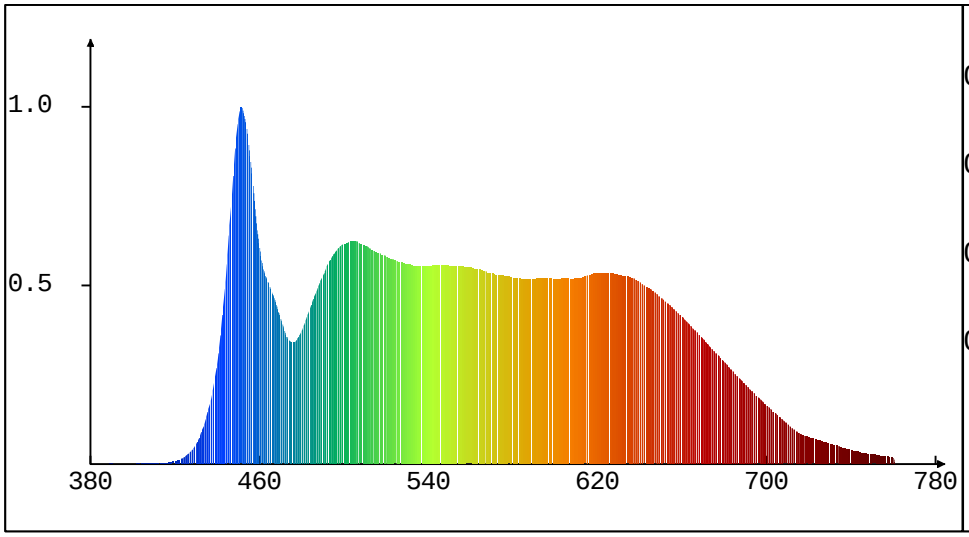
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

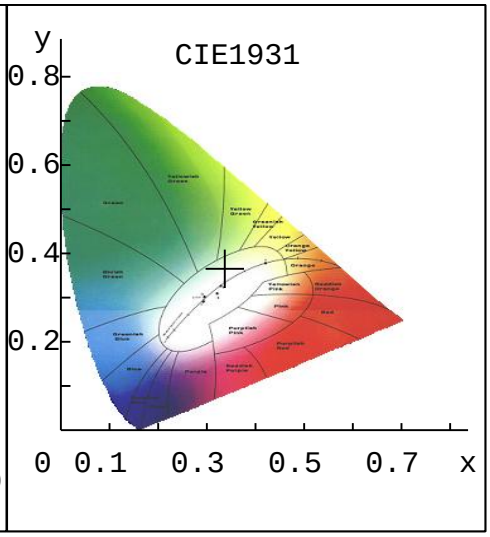
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

# Spectrum Chart

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K | SKU: Plafond280-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the warm end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Avg Chro. Para.

CCT: 5308K Chro. Coor.: xa=0.3377 ya=0.3620 u'a=0.2025 v'a=0.4886 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3376 y=0.3620 u'=0.2025 v'=0.4886 duv=0.0082

CCT: 5307K Dominant Wave: 560.5nm Purity: 10.0% Light Intensity: 1061.6cd

Flux RGB Ratio: R=33.7%,G=40.2%,B=26.1% Peak Wave: 450.6nm Half Width: 20.1nm

Rendering Index: Ra= 96.7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =97 | R2 =99 | R3 =98 | R4 =96 | R5 =96 | R6 =98 | R7 =96 | R8 =93 |
| R9 =84 | R10=98 | R11=98 | R12=79 | R13=98 | R14=98 | R15=94 | |

## Instrument State

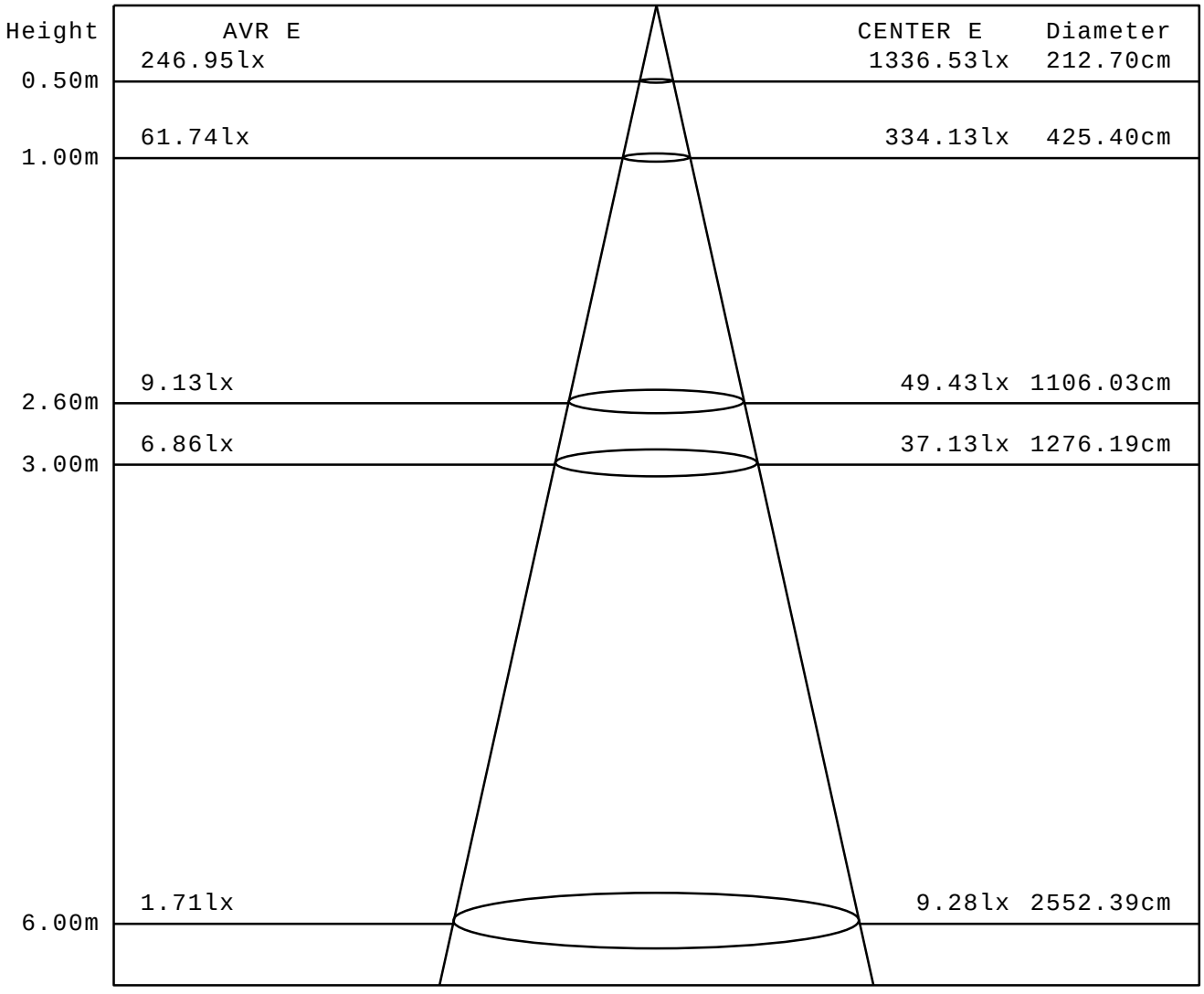
Scan Range: 380nm-780nmIntegral Time: 95.0ms Peak Signal: 95000 Dark Signal: 54729

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: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K | SKU: Plafond280-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the warm end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Angle:129.6deg

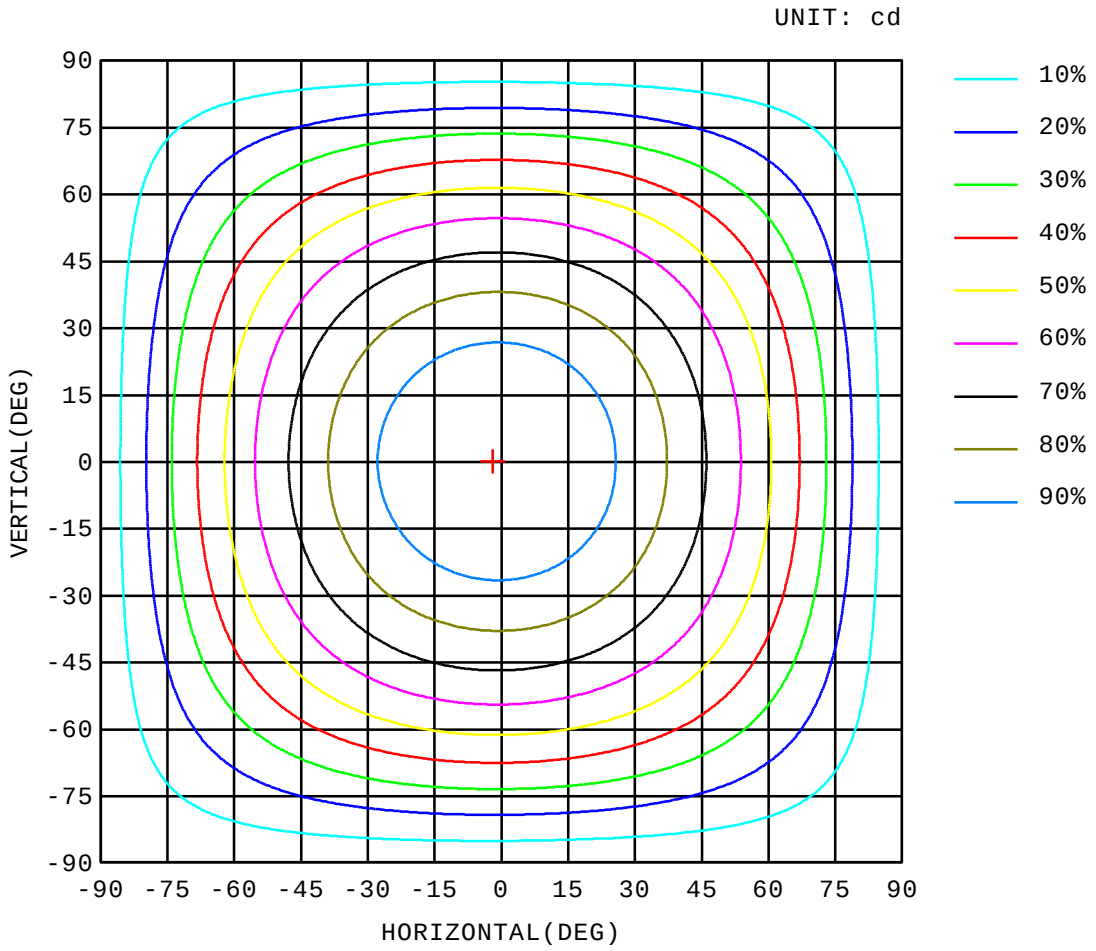
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K | SKU: Plafond280-CCT | TYPE: LED |
| SPECIFICATION: LED panel, measured at the warm 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: