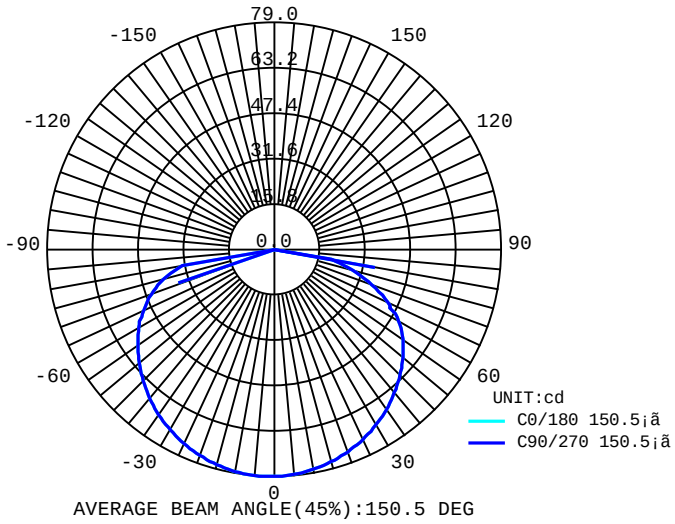
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | |
|---|---|---|
| MANUFACTURER: Lamppukauppa Led Store Oy | | |
| ADDRESS: Mesikukantie 16, 01300 VANTAA \| www.ledstore.fi | | |
| NAME: 1 cm LED strip SOLO TUNNELMA, CCT, 24V, 7,2W/m, IP65, CRI94 | SKU: 1cm-strip-72-24v-ip65-cct-cob | TYPE: LED |
| SPECIFICATION: LED light strip, 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) | 78.95 | S/MH(C0/180) | 1.34 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.34 |
| NOMINAL POWER(W) | 7.2 | TOTAL FLUX(lm) | 289.36 | Voltage(V) | 24.00 |
| RATED VOLTAGE(V) | 220.0 | EFFICIENCY(lm/W) | 84.3 | Current(A) | 0.143 |
| NOMINAL FLUX(lm) | 289.4 | η up(%) | 0.0 | Power(W) | 3.432 |
| LAMPS QUANTITY | 1 | η down(%) | 100.0 | Power Factor(PF) | 1.000 |
| TEST VOLTAGE(V) | 24.0 | Effictive Flux(lm) | 289.4 | EEI | 0.118(A+) |

## LUMINOUS INTENSITY DISTRIBUTION




AVERAGE BEAM ANGLE(45%):150.5 DEG

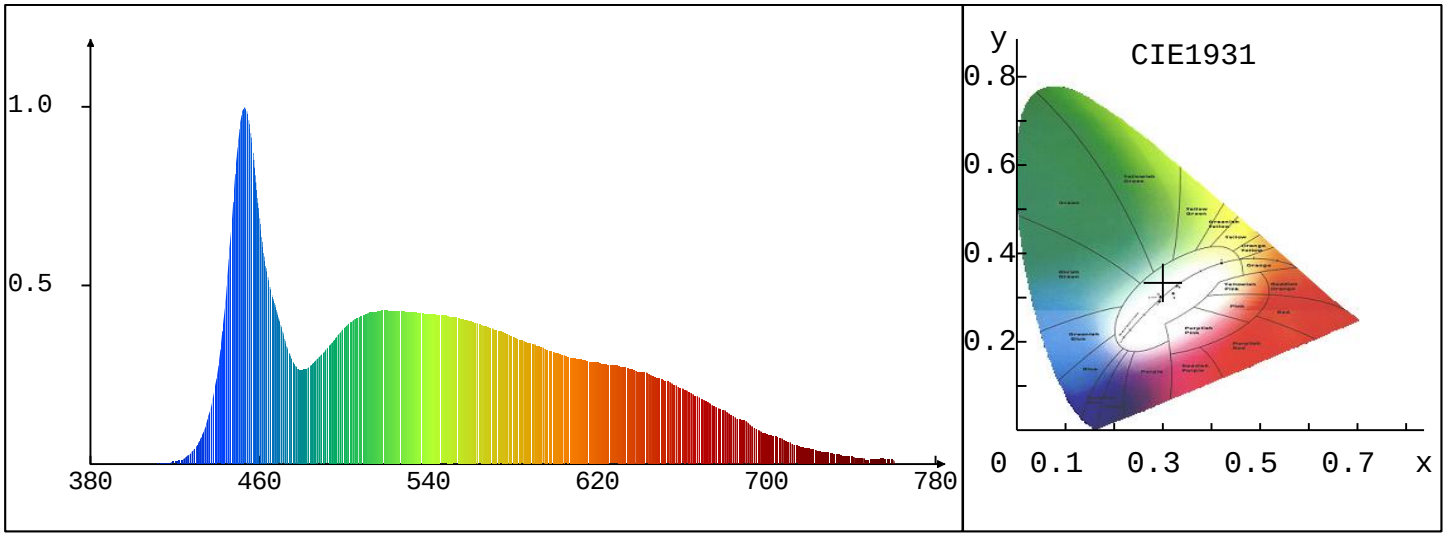
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 1 cm LED strip SOLO TUNNELMA, CCT, 24V, 7,2W/m, IP65, CRI94 | SKU: 1cm-strip-72-24v-ip65-cct-cob | TYPE: LED |
| SPECIFICATION: LED light strip, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Avg Chro. Para.

CCT: 7166K Chro. Coor.: xa=0.3006 ya=0.3306 u'a=0.1889 v'a=0.4674 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3005 y=0.3305 u'=0.1889 v'=0.4673 duv=0.0102

CCT: 7173K Dominant Wave: 490.6nm Purity: 11.3% Light Intensity: 144.7cd

Flux RGB Ratio: R=26.1%,G=41.3%,B=32.6% Peak Wave: 451.7nm Half Width: 20.1nm

Rendering Index: Ra= 89.9

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =89 | R2 =93 | R3 =96 | R4 =86 | R5 =86 | R6 =88 | R7 =96 | R8 =86 |
| R9 =54 | R10=84 | R11=86 | R12=60 | R13=90 | R14=98 | R15=86 | |

## Instrument State

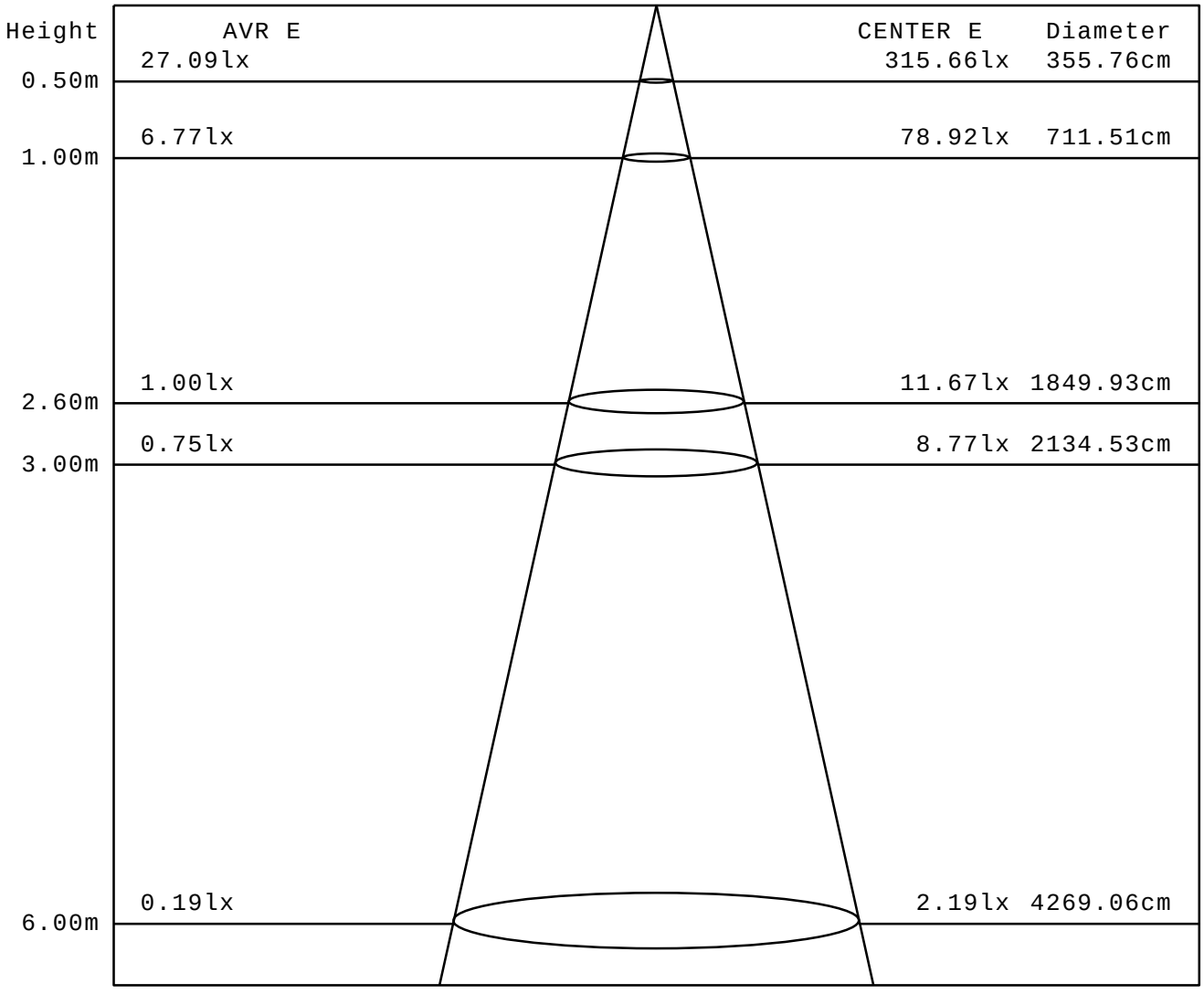
Scan Range: 380nm-780nmIntegral Time: 400.0ms Peak Signal: 400000 Dark Signal: 46340

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: 1 cm LED strip SOLO TUNNELMA, CCT, 24V, 7,2W/m, IP65, CRI94 | SKU: 1cm-strip-72-24v-ip65-cct-cob | TYPE: LED |
| SPECIFICATION: LED light strip, measured at the cool end of the color temperature range | NOTES: Color temperature adjustable | MEASURED BY: Lamppukauppa Led Store Oy |




Angle:148.6deg

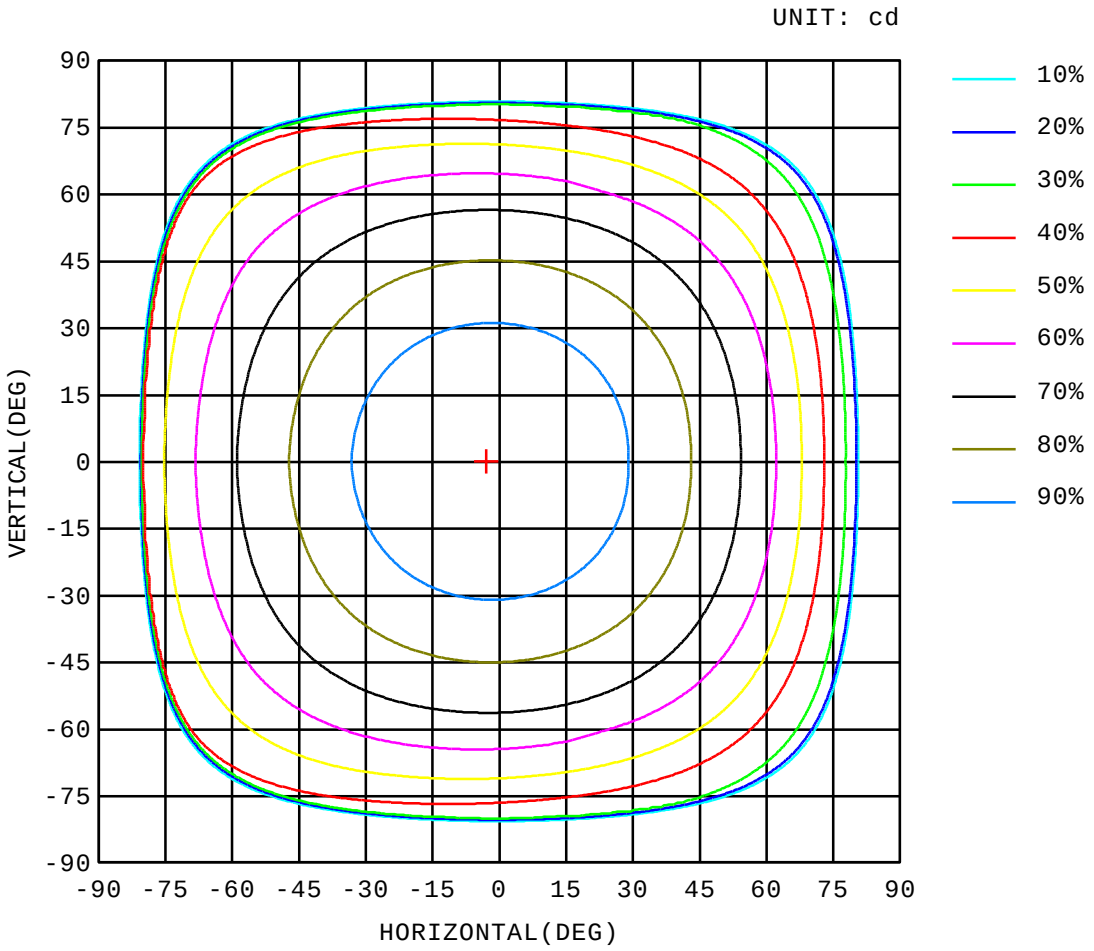
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 1 cm LED strip SOLO TUNNELMA, CCT, 24V, 7,2W/m, IP65, CRI94 | SKU: 1cm-strip-72-24v-ip65-cct-cob | TYPE: LED |
| SPECIFICATION: LED light strip, 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: