

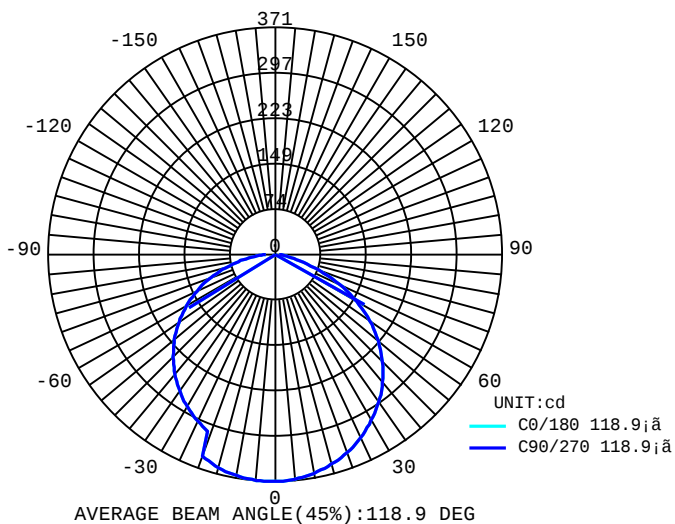
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

|                                                                 |                                         |                                        |
|-----------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| MANUFACTURER: Lamppukauppa Led Store Oy                         |                                         |                                        |
| ADDRESS: Mesikukantie 16, 01300 VANTAA   www.ledstore.fi        |                                         |                                        |
| NAME: LED strip HELMI SUPREME, 3000K, 24V, 13,6W/m, IP65, CRI97 | SKU: STRIP136-24V-IP65-3000-SMD-SUPREME | TYPE: LED                              |
| SPECIFICATION: LED light strip                                  | NOTES: Single color                     | MEASURED BY: Lamppukauppa Led Store Oy |

|                  |        |                    |        |                  |          |
|------------------|--------|--------------------|--------|------------------|----------|
| DATA OF LAMP     |        | Imax(cd)           | 371.4  | S/MH(C0/180)     | 1.26     |
| MODEL            |        | EFFICIENCY(%)      | 100.0  | S/MH(C90/270)    | 1.26     |
| NOMINAL POWER(W) | 13.6   | TOTAL FLUX(lm)     | 1037.0 | Voltage(V)       | 24.00    |
| RATED VOLTAGE(V) | 24     | EFFICIENCY(lm/W)   | 74.5   | Current(A)       | 0.580    |
| NOMINAL FLUX(lm) | 1037.1 | $\eta$ up(%)       | 0.0    | Power(W)         | 13.92    |
| LAMPS QUANTITY   | 1      | $\eta$ down(%)     | 100.0  | Power Factor(PF) | 1.000    |
| TEST VOLTAGE(V)  | 24.0   | Effective Flux(lm) | 1014.7 | EI               | 0.179(A) |

## LUMINOUS INTENSITY DISTRIBUTION



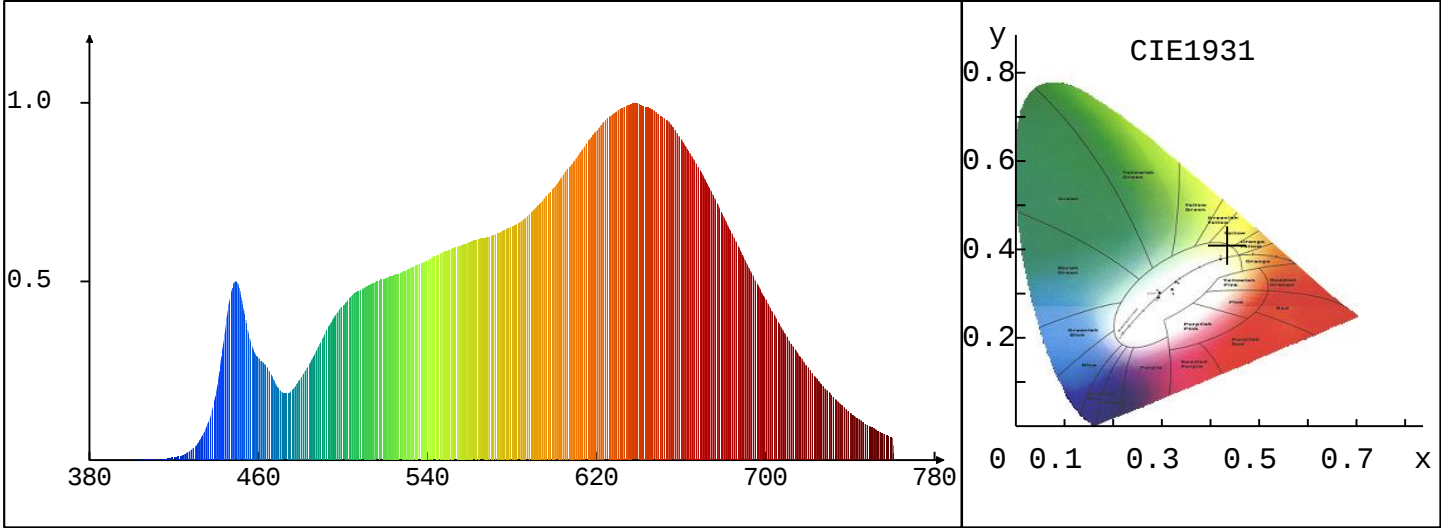
Test System:HopooColor HP880  
Temperature:25.3DEG  
Operators:  
Test Date:09-20-2024

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

Spectrum Chart

Report number:

|                                                                 |                                         |                                        |
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Avg Chro. Para.

CCT: 3048K Chro. Coord.:  $x_a=0.4348$   $y_a=0.4054$   $u'_a=0.2486$   $v'_a=0.5216$   $|u'_a v'_a|=0.0004$

Current Angle:  $C=0.0^\circ$   $G=0.0^\circ$

Chroma Parameters

Chro.Coord.:  $x=0.4343$   $y=0.4048$   $u'=0.2485$   $v'=0.5213$   $duv=0.0006$

CCT: 3050K Dominant Wave: 582.4nm Purity: 51.8% Light Intensity: 779.2cd

Flux RGB Ratio: R=55.0%,G=33.3%,B=11.6% Peak Wave: 636.8nm Half Width: 179.6nm

Rendering Index: Ra= 97.0

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =96 | R2 =99 | R3 =97 | R4 =94 | R5 =96 | R6 =97 | R7 =99 | R8 =97 |
| R9 =96 | R10=98 | R11=91 | R12=92 | R13=97 | R14=97 | R15=98 |        |

Instrument State

Scan Range: 380nm-780nmIntegral Time: 190.0ms Peak Signal: 190000 Dark Signal: 58030

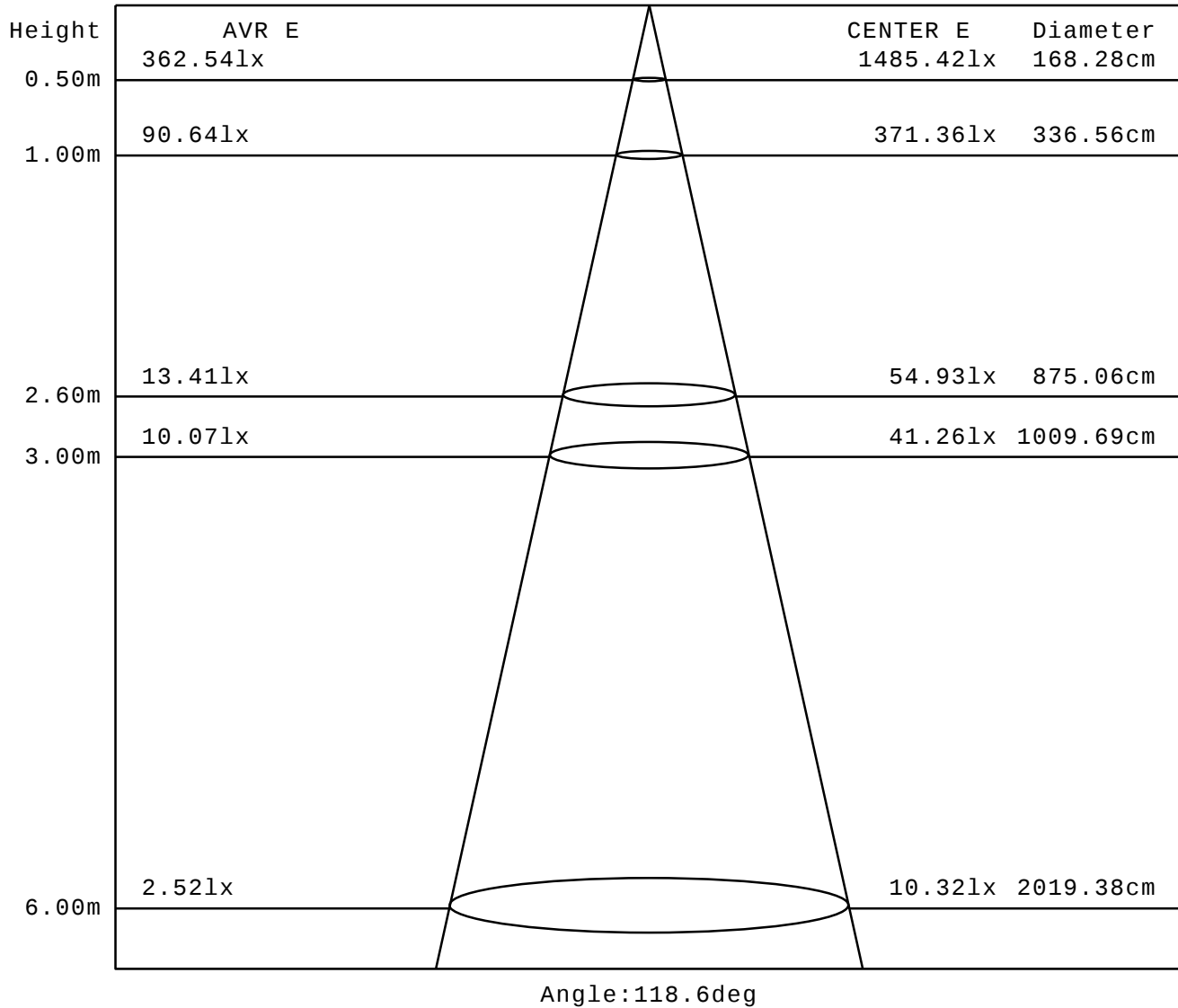
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Remarks:

## AVERAGE AND CENTER E Figure

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|                                                                 |                                         |                                        |
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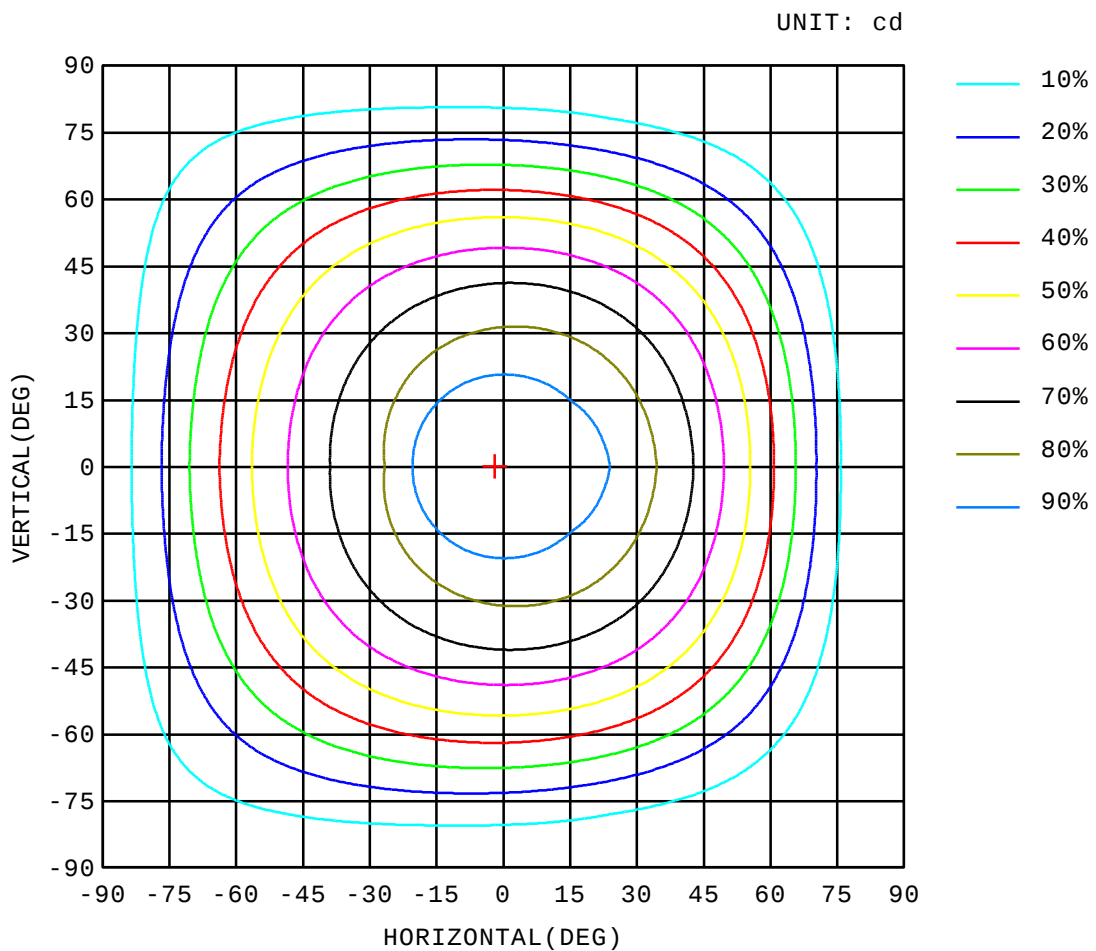
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Remarks:

## ISOCANDELA DIAGRAM

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|                                                                 |                                         |                                        |
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