

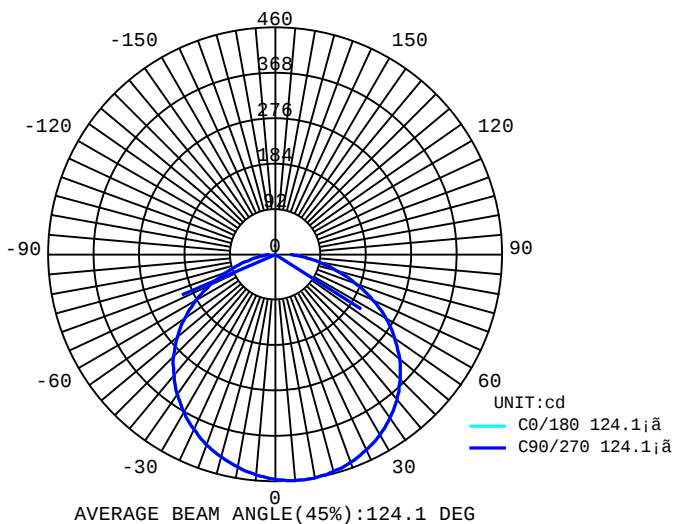
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI SUPREME, 4000K, 24V, 13,6W/m, IP65, CRI97	SKU: STRIP136-24V-IP65-4000-SMD-SUPREME	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	460.3	S/MH(C0/180)	1.37
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	13.6	TOTAL FLUX(lm)	1407.7	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	97.8	Current(A)	0.600
NOMINAL FLUX(lm)	1407.7	η up(%)	0.0	Power(W)	14.40
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1383.9	EI	0.142(A+)

LUMINOUS INTENSITY DISTRIBUTION



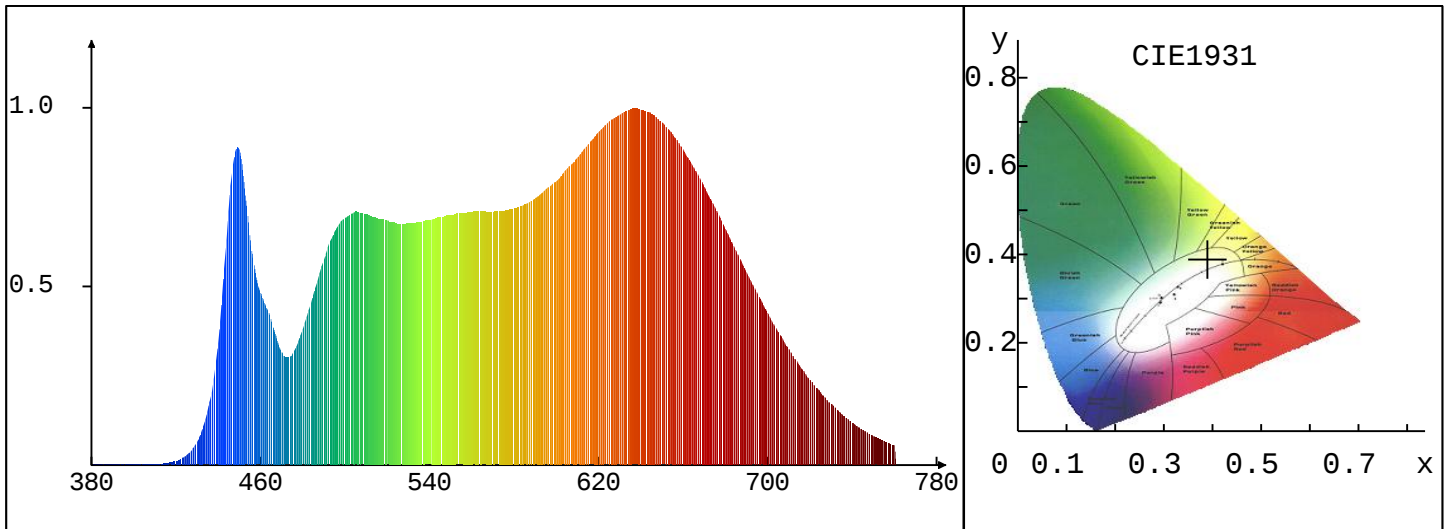
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

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Avg Chro. Para.

CCT: 3792K Chro. Coord.: $x_a=0.3910$ $y_a=0.3854$ $u'_a=0.2285$ $v'_a=0.5069$ $|u'_a v'_a|=0.0008$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3901$ $y=0.3843$ $u'=0.2284$ $v'=0.5063$ $duv=0.0008$

CCT: 3805K Dominant Wave: 579.4nm Purity: 32.4% Light Intensity: 838.9cd

Flux RGB Ratio: R=47.5%, G=35.2%, B=17.3% Peak Wave: 636.8nm Half Width: 207.5nm

Rendering Index: Ra= 94.5

R1 =93	R2 =96	R3 =99	R4 =93	R5 =94	R6 =95	R7 =95	R8 =91
R9 =82	R10=91	R11=89	R12=90	R13=94	R14=99	R15=93	

Instrument State

Scan Range: 380nm-780nm Integral Time: 170.0ms Peak Signal: 170000 Dark Signal: 49266

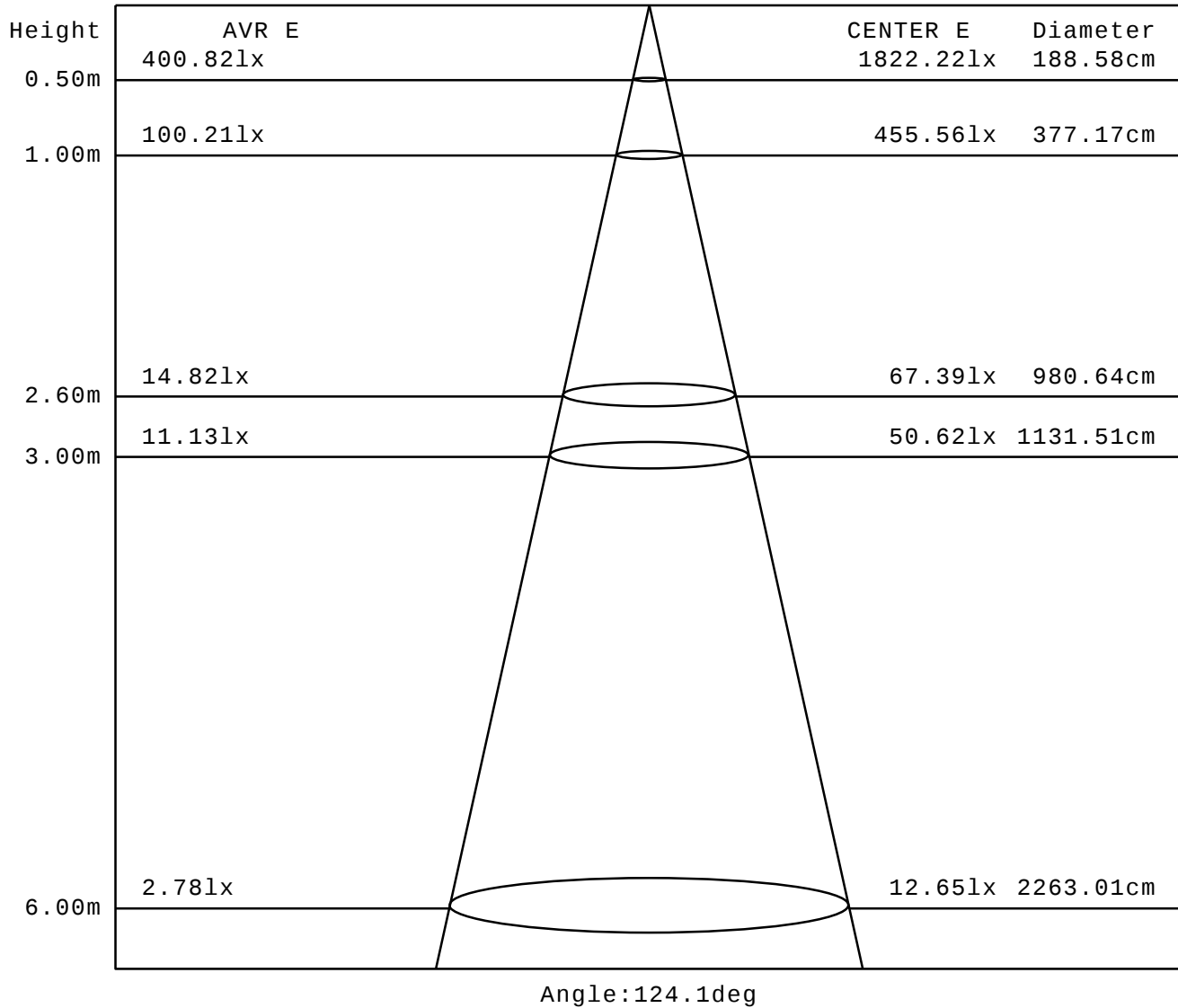
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AVERAGE AND CENTER E Figure

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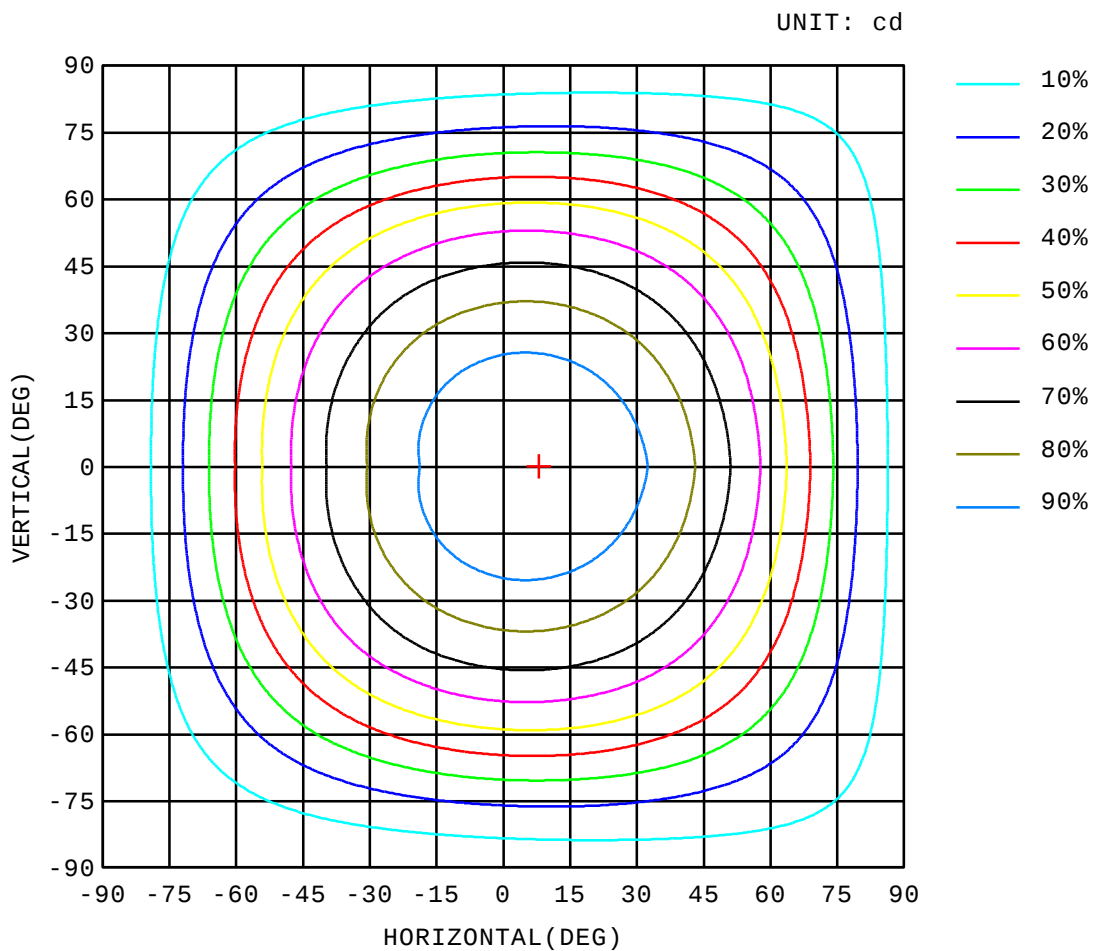
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ISOCANDELA DIAGRAM

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