

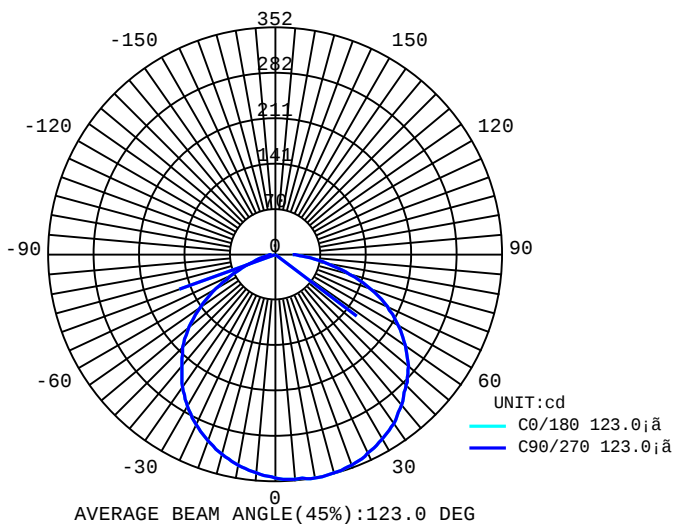
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI PRO, 3000K, 24V, 12,4W/m, IP65, CRI94	SKU: STRIP124-24V-IP65-3000-SMD-PRO	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	352.0	S/MH(C0/180)	1.42
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.42
NOMINAL POWER(W)	12.4	TOTAL FLUX(lm)	1055.3	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	54.3	Current(A)	0.810
NOMINAL FLUX(lm)	1055.4	η up(%)	0.0	Power(W)	19.44
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1036.8	EI	0.246(B)

LUMINOUS INTENSITY DISTRIBUTION



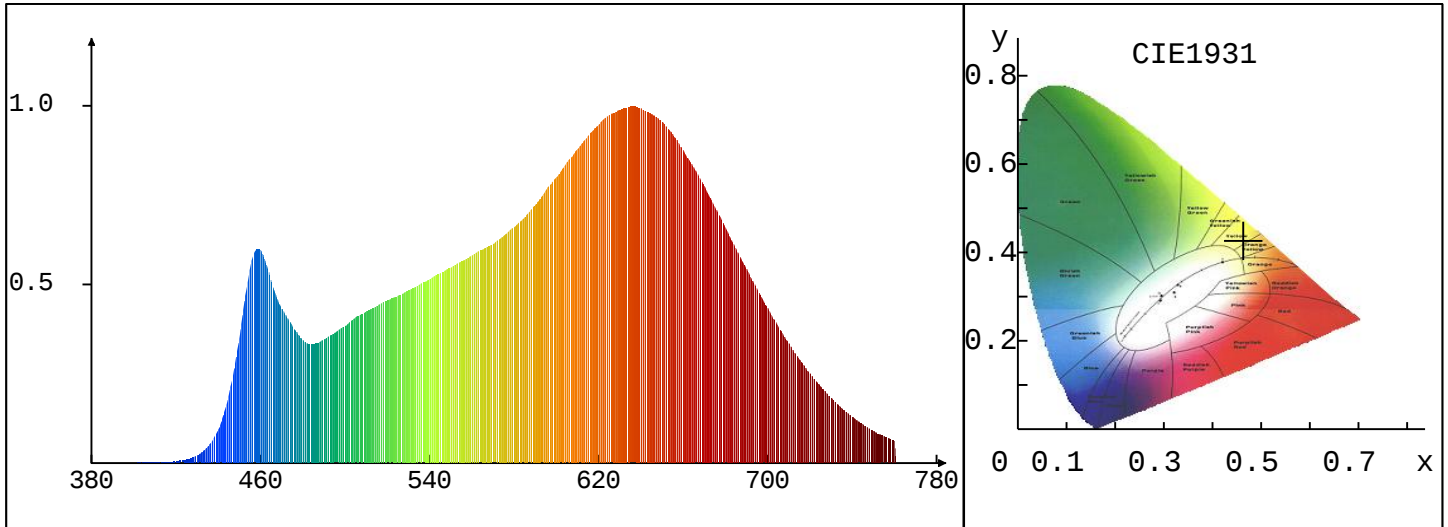
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2973K Chro. Coord.: $x_a=0.4300$ $y_a=0.3868$ $u'_a=0.2537$ $v'_a=0.5133$ $|u'_a v'_a|=0.0001$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.4300$ $y=0.3868$ $u'=0.2537$ $v'=0.5133$ $duv=-0.0061$

CCT: 2973K Dominant Wave: 585.4nm Purity: 45.2% Light Intensity: 646.5cd

Flux RGB Ratio: R=54.5%, G=31.7%, B=13.8% Peak Wave: 636.8nm Half Width: 159.0nm

Rendering Index: Ra= 93.5

R1 =94	R2 =93	R3 =95	R4 =96	R5 =92	R6 =87	R7 =93	R8 =97
R9 =96	R10=86	R11=94	R12=76	R13=93	R14=98	R15=95	

Instrument State

Scan Range: 380nm-780nm Integral Time: 210.0ms Peak Signal: 210000 Dark Signal: 56380

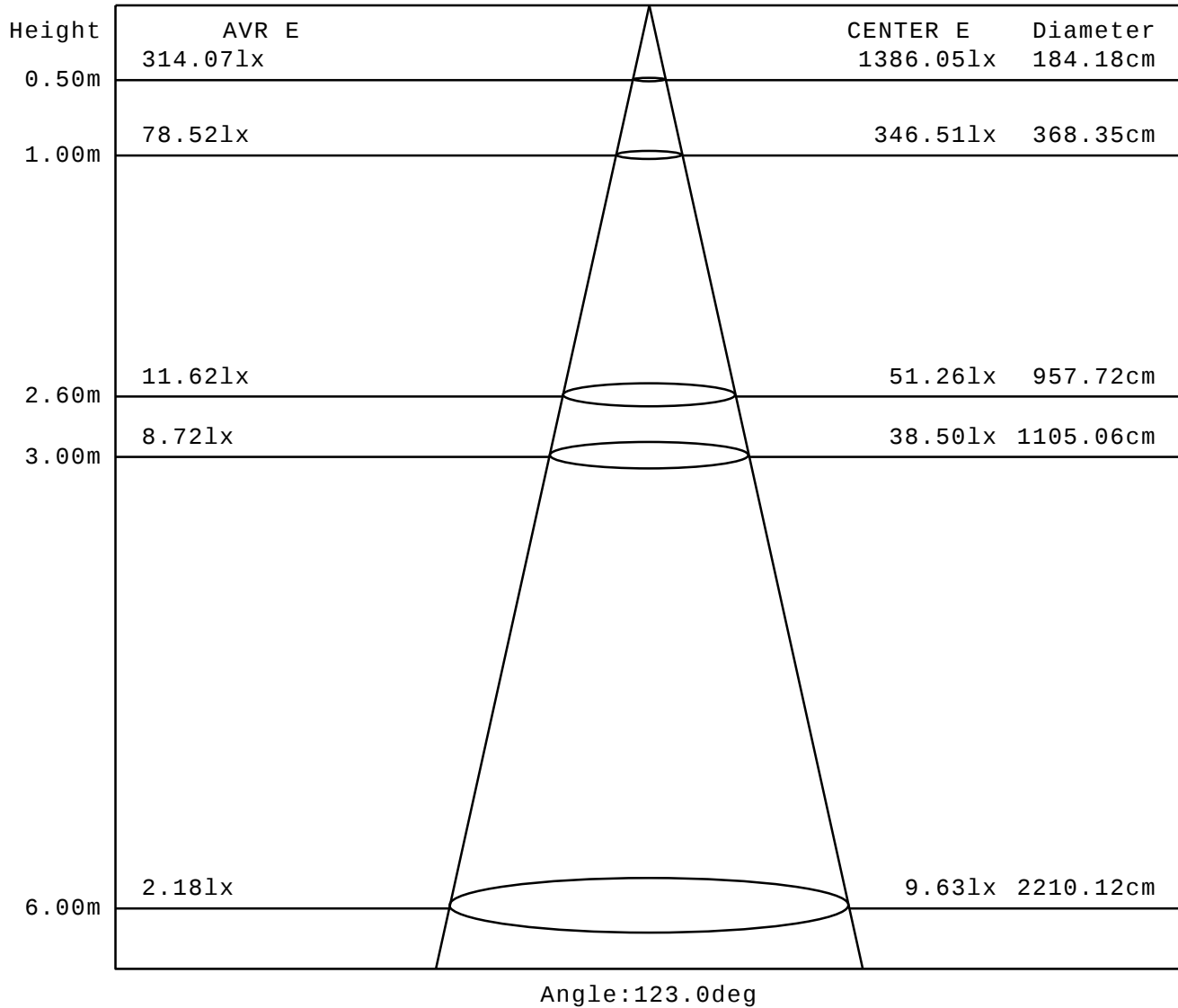
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AVERAGE AND CENTER E Figure

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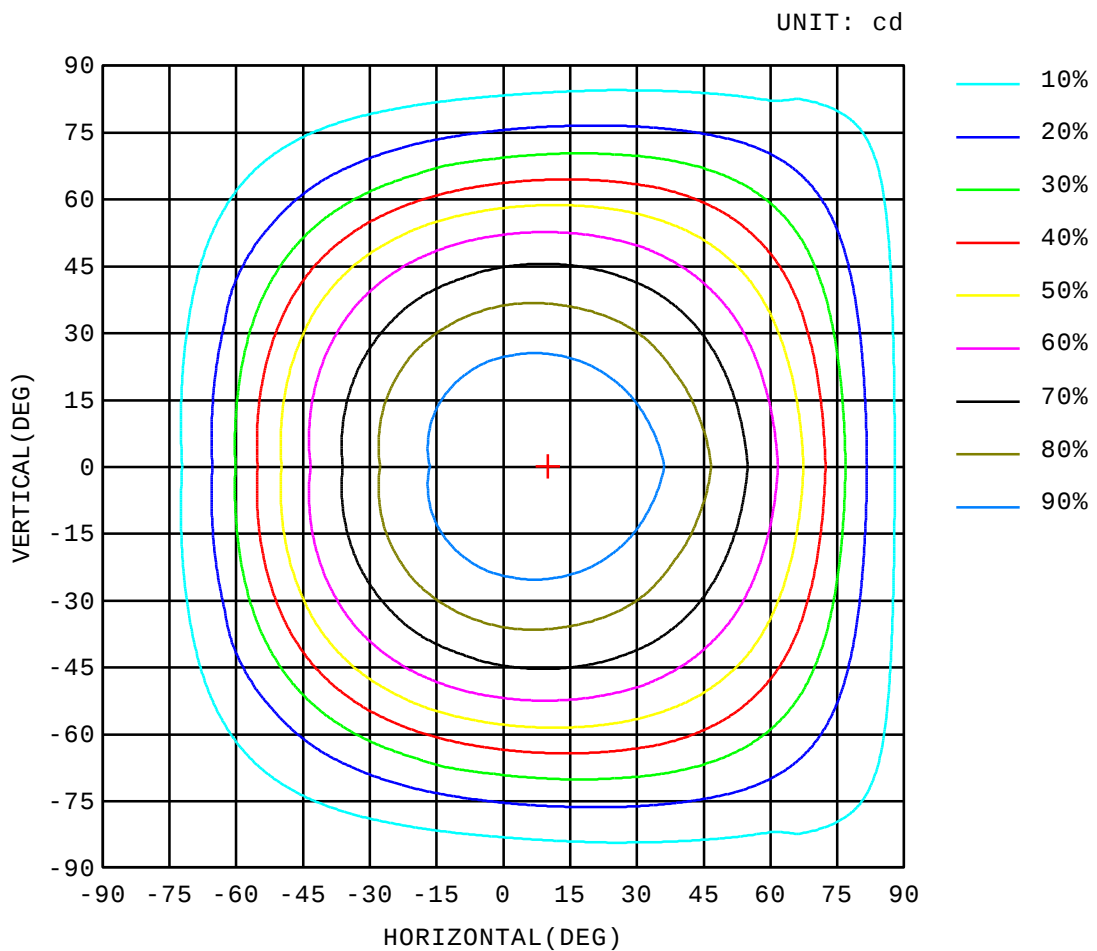
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ISOCANDELA DIAGRAM

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