

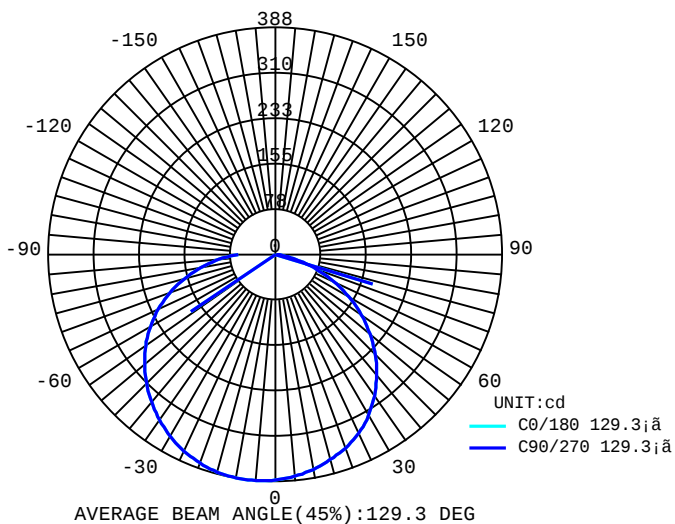
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 3000K, 24V, 17W/m, IP21, CRI95	SKU: STRIP17-24V-IP20-3000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	387.8	S/MH(C0/180)	1.23
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	17	TOTAL FLUX(lm)	1249.2	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	69.4	Current(A)	0.750
NOMINAL FLUX(lm)	1249.3	η up(%)	0.0	Power(W)	18.00
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1239.5	EI	0.196(A)

LUMINOUS INTENSITY DISTRIBUTION



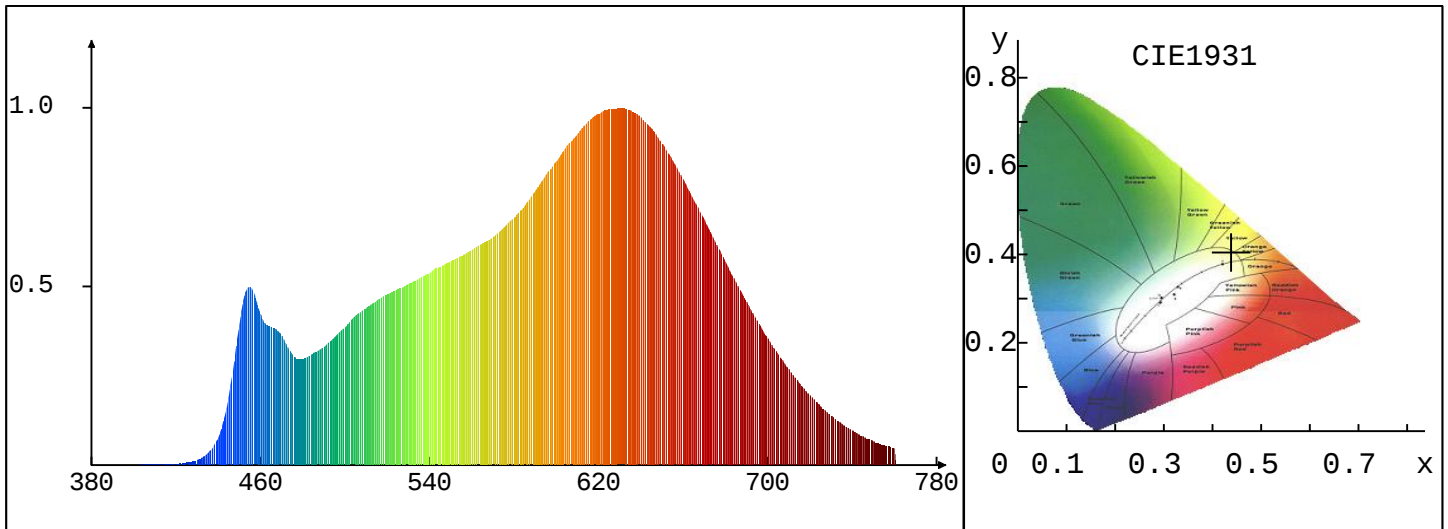
Test System: HopooColor HP880
Temperature: 25.3 DEG
Operators:
Test Date: 09-20-2024

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: 2938K Chro. Coord.: $x_a=0.4386$ $y_a=0.4000$ $u'_a=0.2534$ $v'_a=0.5200$ $|u'_a v'_a|=0.0004$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.4391$ $y=0.4005$ $u'=0.2535$ $v'=0.5203$ $duv=-0.0017$

CCT: 2934K Dominant Wave: 583.7nm Purity: 52.0% Light Intensity: 712.7cd

Flux RGB Ratio: R=52.9%, G=34.5%, B=12.6% Peak Wave: 630.8nm Half Width: 159.1nm

Rendering Index: Ra= 95.2

R1 =99	R2 =97	R3 =97	R4 =97	R5 =96	R6 =92	R7 =93	R8 =91
R9 =84	R10=95	R11=97	R12=82	R13=98	R14=99	R15=97	

Instrument State

Scan Range: 380nm-780nm Integral Time: 170.0ms Peak Signal: 170000 Dark Signal: 50531

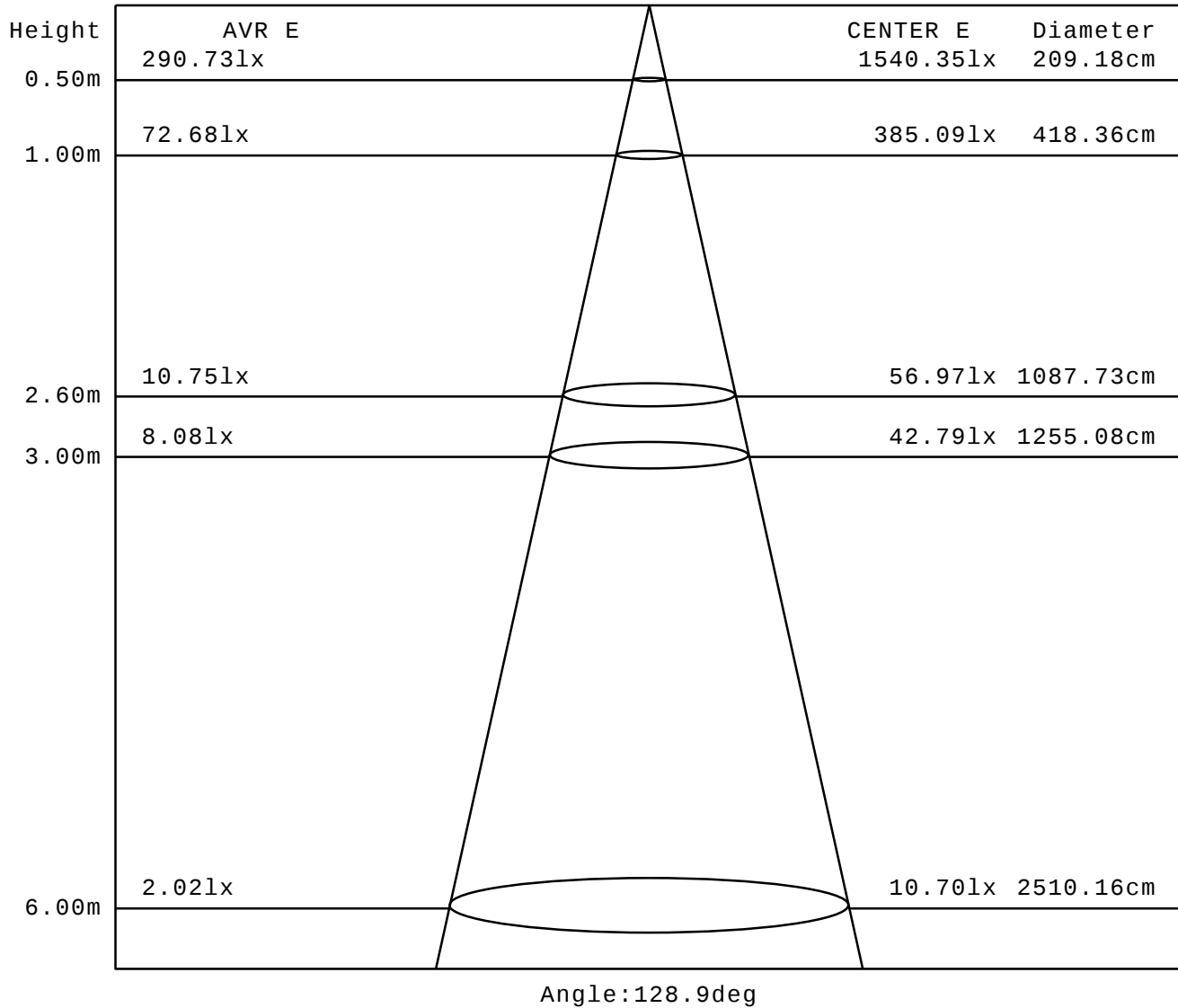
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AVERAGE AND CENTER E Figure

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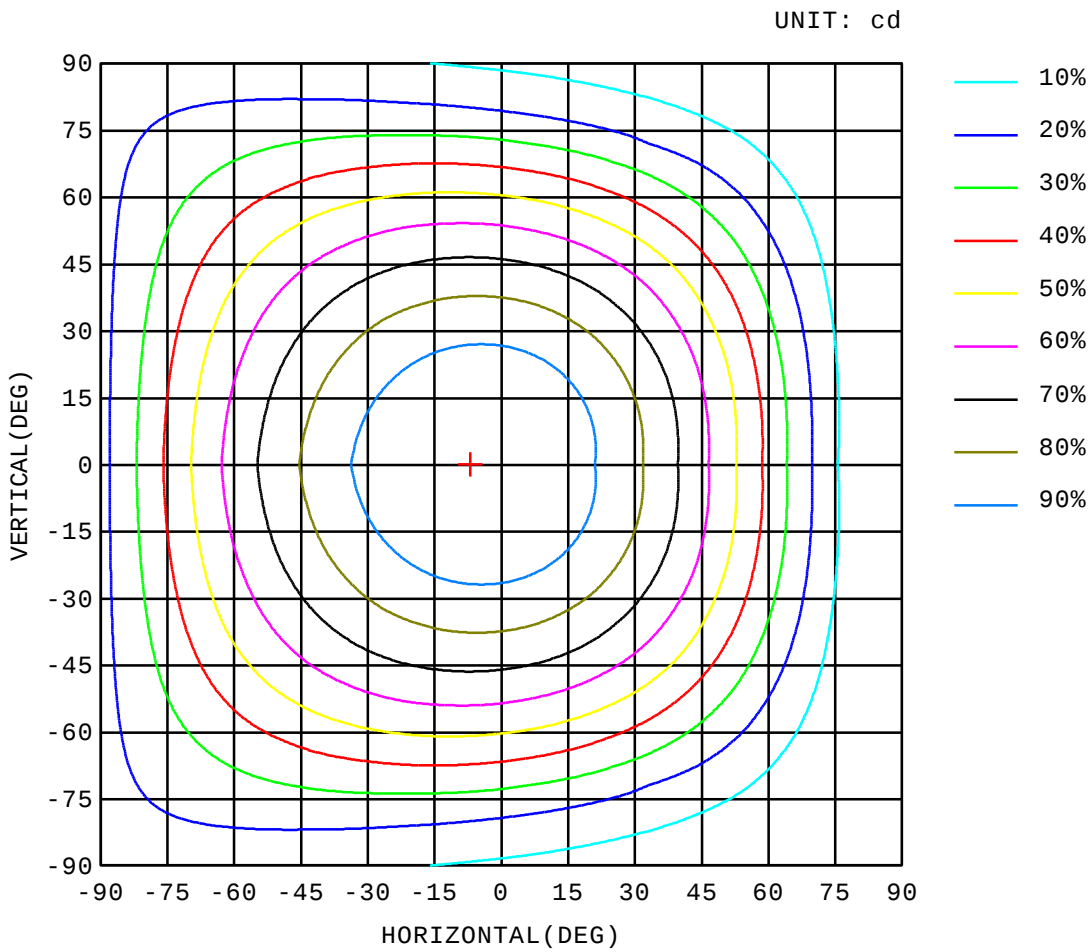
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ISOCANDELA DIAGRAM

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