

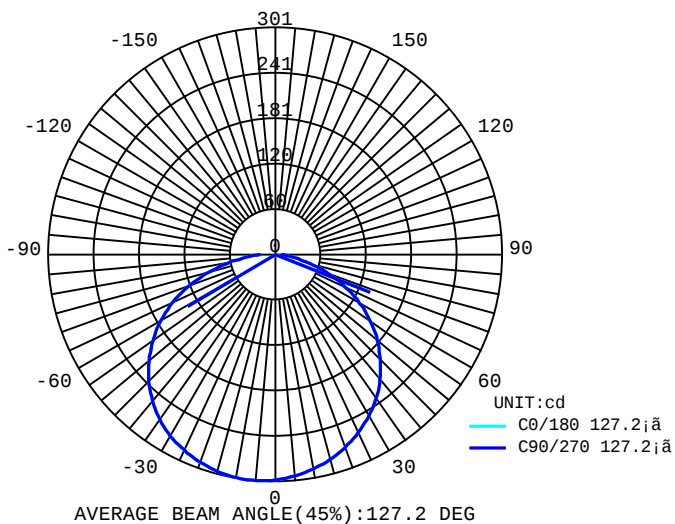
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 3000K, 12V, 14,4W/m, IP20, CRI94	SKU: STRIP144-12V-IP20-3000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	301.2	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	947.12	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	65.8	Current(A)	1.200
NOMINAL FLUX(lm)	947.1	η up(%)	0.0	Power(W)	14.40
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	933.1	EI	0.198(A)

LUMINOUS INTENSITY DISTRIBUTION



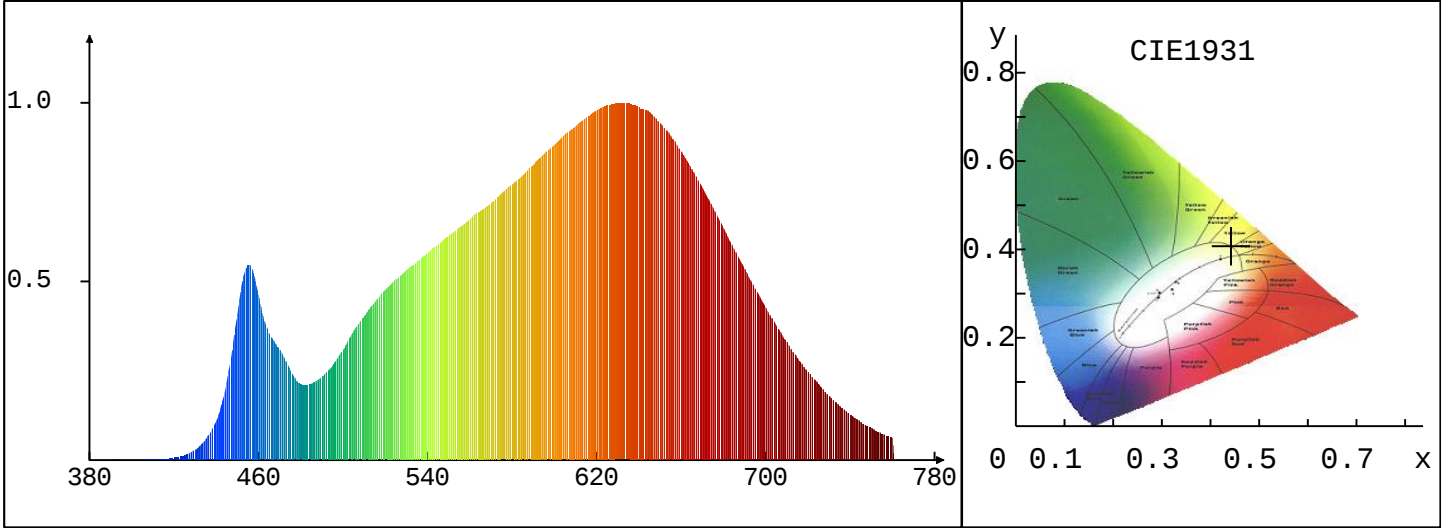
Test System: HopooColor HP880
Temperature: 25.3 DEG
Operators:
Test Date: 09-20-2024

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

Spectrum Chart

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Avg Chro. Para.

CCT: 2906K Chro. Coor.: $x_a=0.4429$ $y_a=0.4046$ $u'_a=0.2542$ $v'_a=0.5225$ $|u'_a v'_a|=0.0005$

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

Chroma Parameters

Chro.Coor.: $x=0.4422$ $y=0.4041$ $u'=0.2540$ $v'=0.5222$ $duv=-0.0007$

CCT: 2913K Dominant Wave: 583.4nm Purity: 54.0% Light Intensity: 582.6cd

Flux RGB Ratio: R=54.1%, G=34.8%, B=11.0% Peak Wave: 630.8nm Half Width: 169.6nm

Rendering Index: Ra= 94.1

R1 =95	R2 =97	R3 =97	R4 =93	R5 =93	R6 =95	R7 =95	R8 =88
R9 =72	R10=91	R11=93	R12=78	R13=96	R14=98	R15=93	

Instrument State

Scan Range: 380nm-780nm Integral Time: 250.0ms Peak Signal: 250000 Dark Signal: 55429

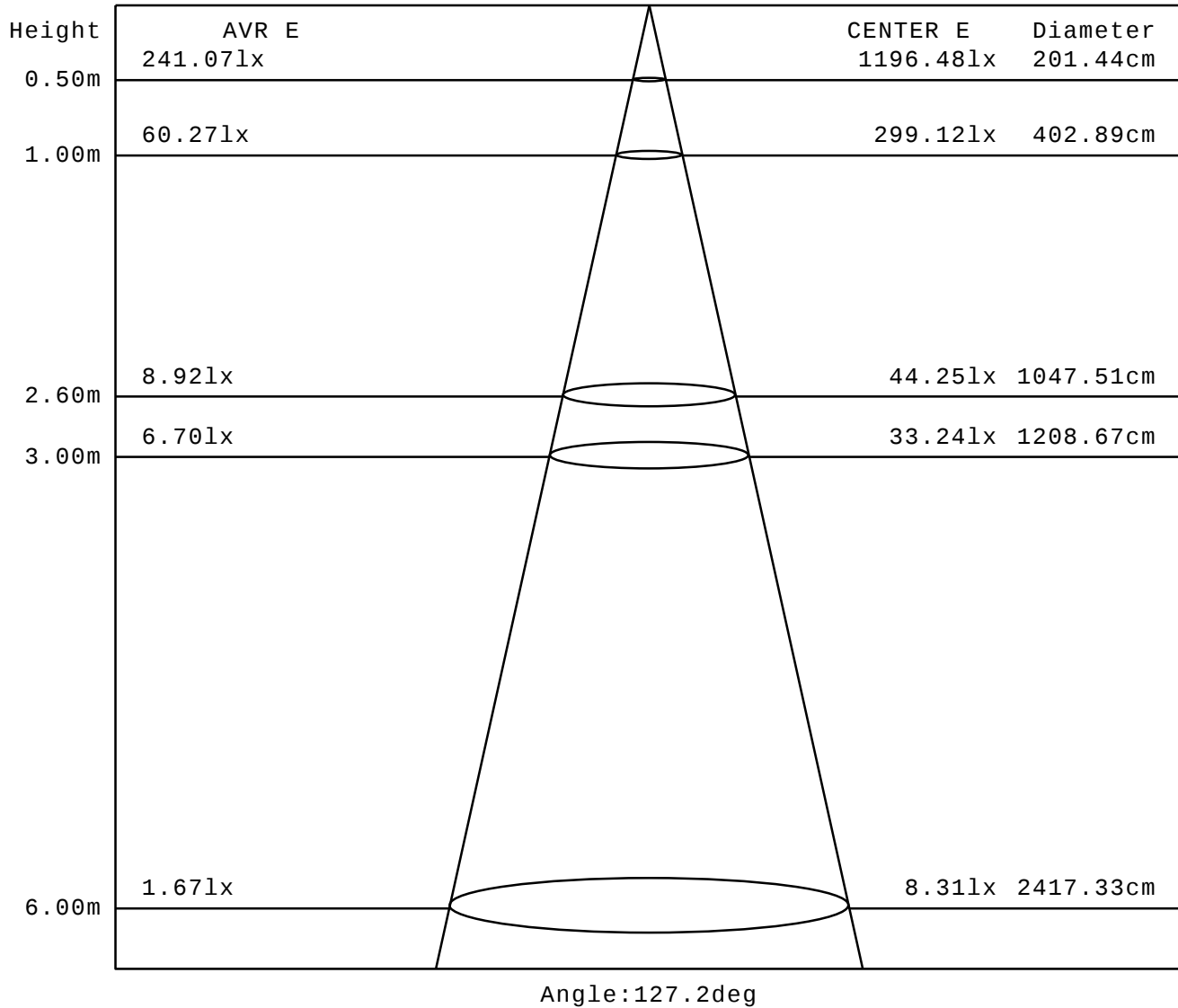
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AVERAGE AND CENTER E Figure

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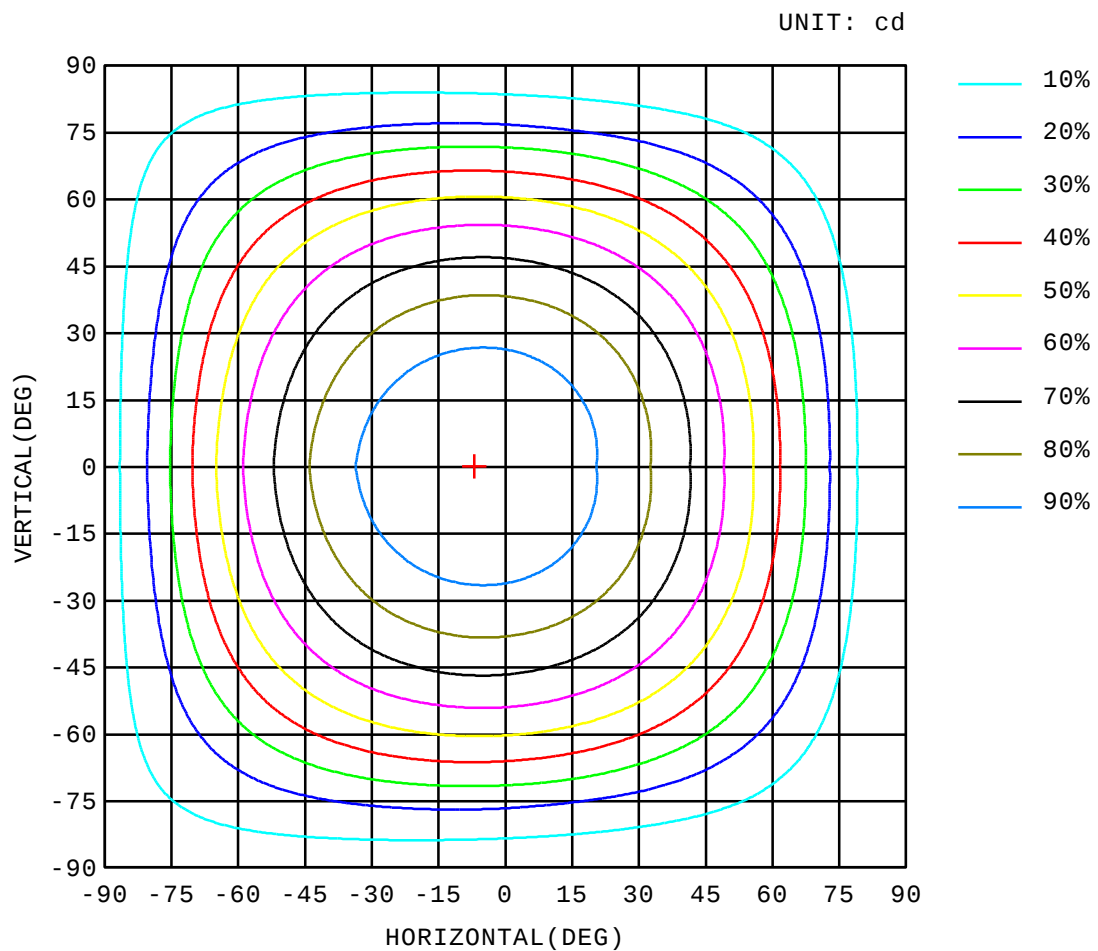
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ISOCANDELA DIAGRAM

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