

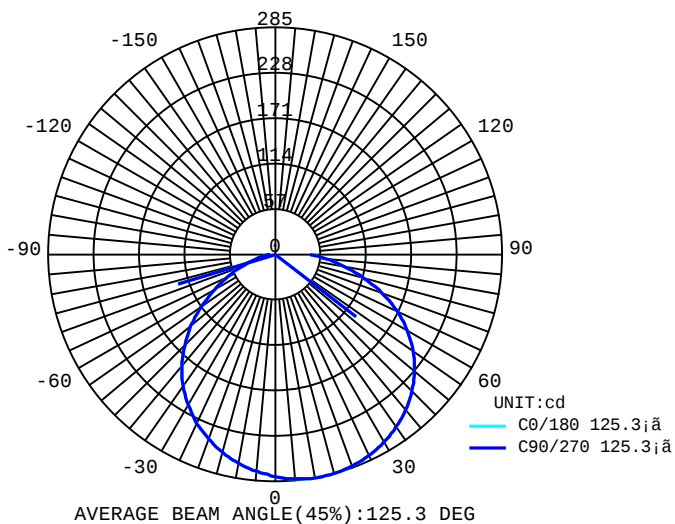
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI PRO, 4000K, 24V, 12,4W/m, IP65, CRI94	SKU: STRIP124-24V-IP20-4000-SMD-PRO	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	285.4	S/MH(C0/180)	1.45
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.45
NOMINAL POWER(W)	12.4	TOTAL FLUX(lm)	904.62	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	62.8	Current(A)	0.600
NOMINAL FLUX(lm)	904.6	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)	893.4	EEL	0.205(A)

LUMINOUS INTENSITY DISTRIBUTION



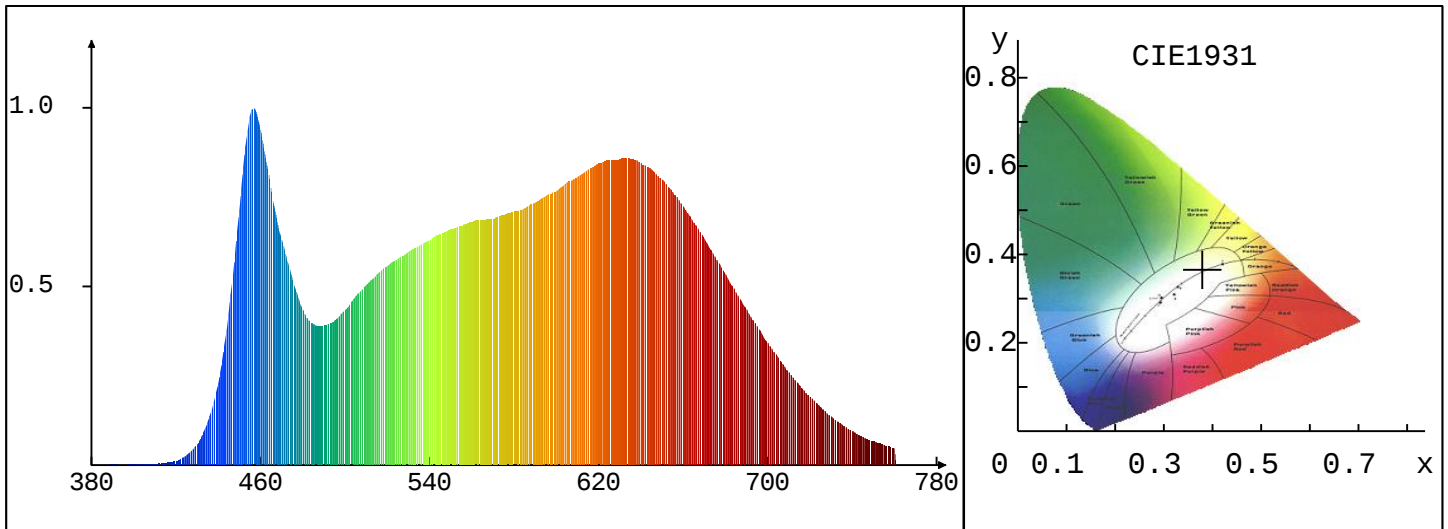
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3881K Chro. Coord.: $x_a=0.3808$ $y_a=0.3629$ $u'_a=0.2310$ $v'_a=0.4953$ $|u'_a v'_a|=0.0004$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3802$ $y=0.3622$ $u'=0.2309$ $v'=0.4949$ $duv=-0.0069$

CCT: 3891K Dominant Wave: 584.1nm Purity: 22.8% Light Intensity: 516.1cd

Flux RGB Ratio: R=44.6%, G=35.1%, B=20.4% Peak Wave: 455.6nm Half Width: 29.1nm

Rendering Index: Ra= 96.0

R1 =96	R2 =96	R3 =98	R4 =97	R5 =96	R6 =93	R7 =95	R8 =97
R9 =96	R10=95	R11=97	R12=75	R13=96	R14=99	R15=95	

Instrument State

Scan Range: 380nm-780nm Integral Time: 250.0ms Peak Signal: 250000 Dark Signal: 55012

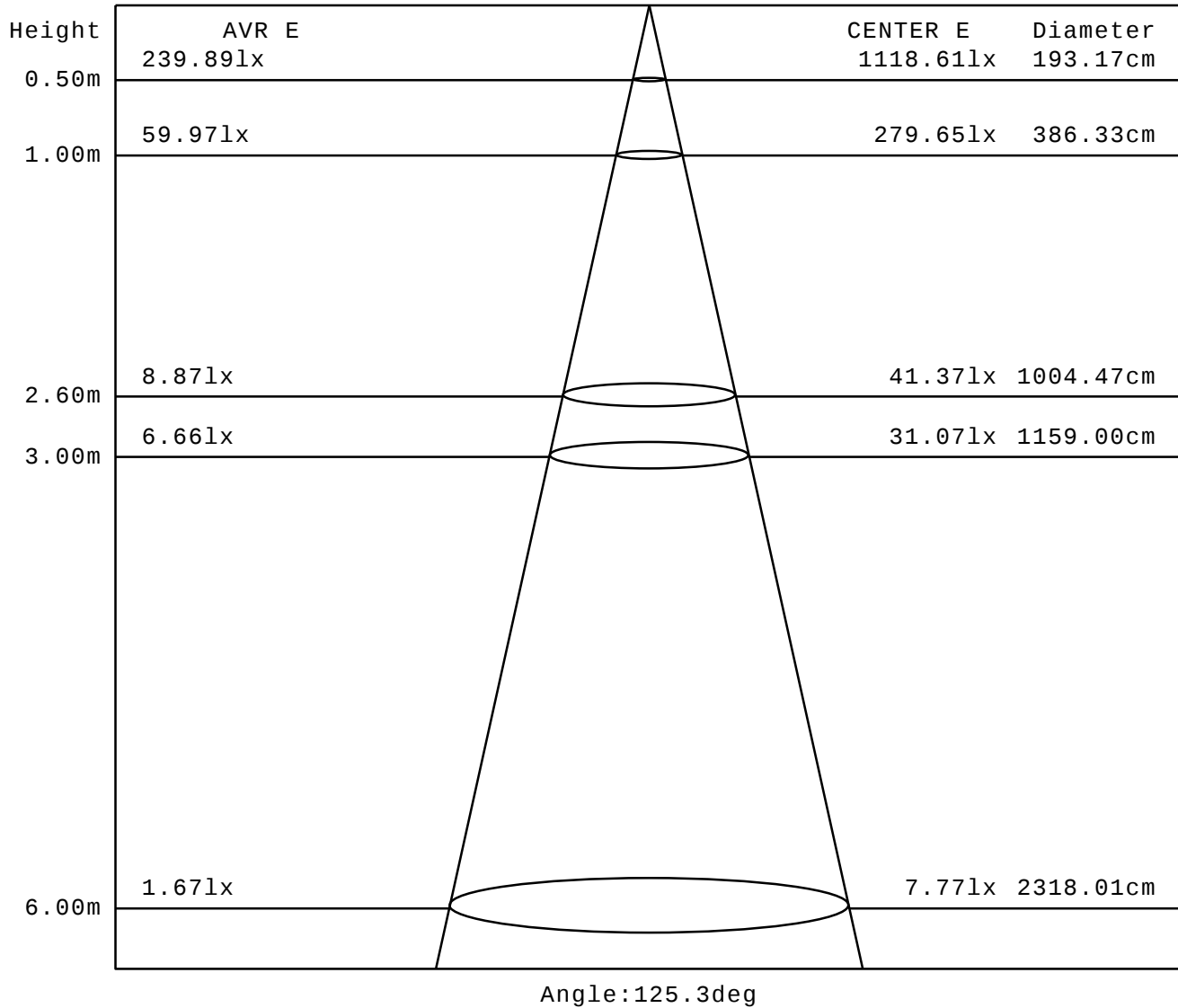
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AVERAGE AND CENTER E Figure

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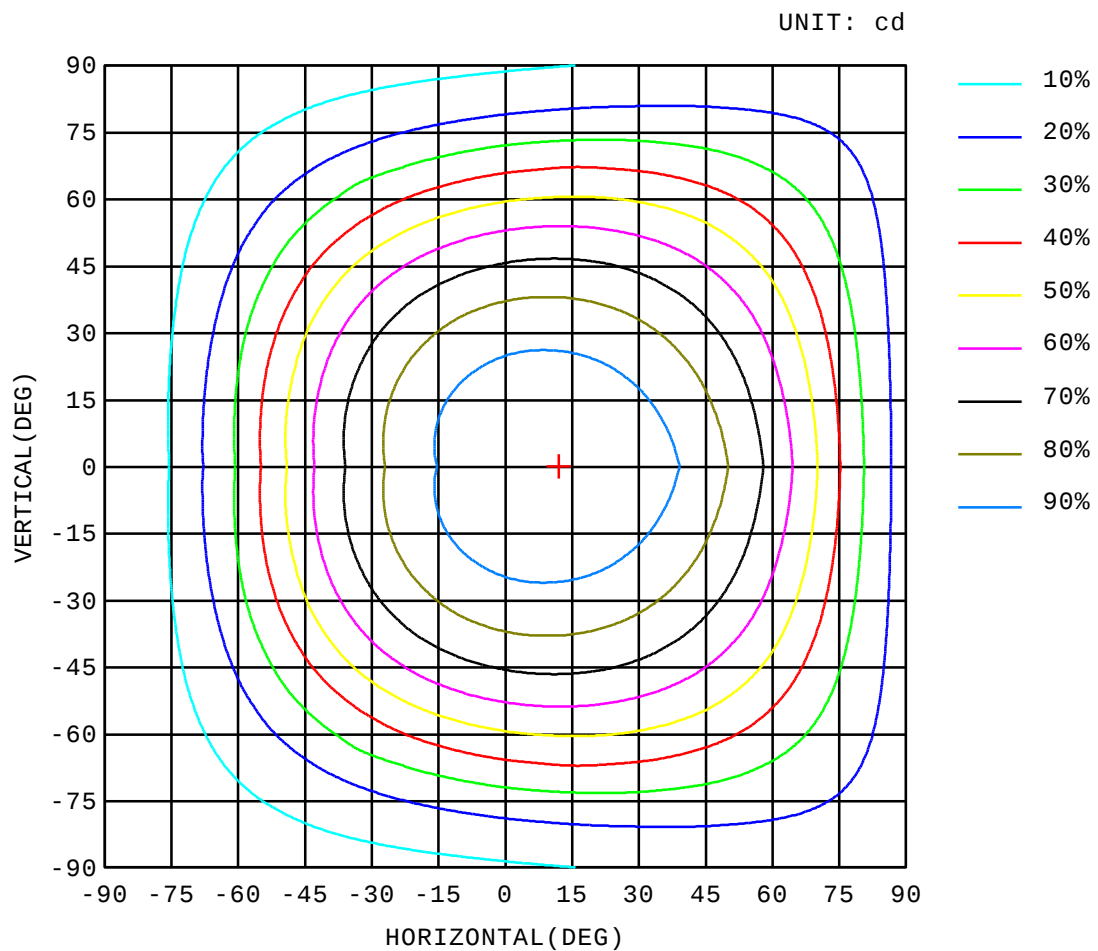
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ISOCANDELA DIAGRAM

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