

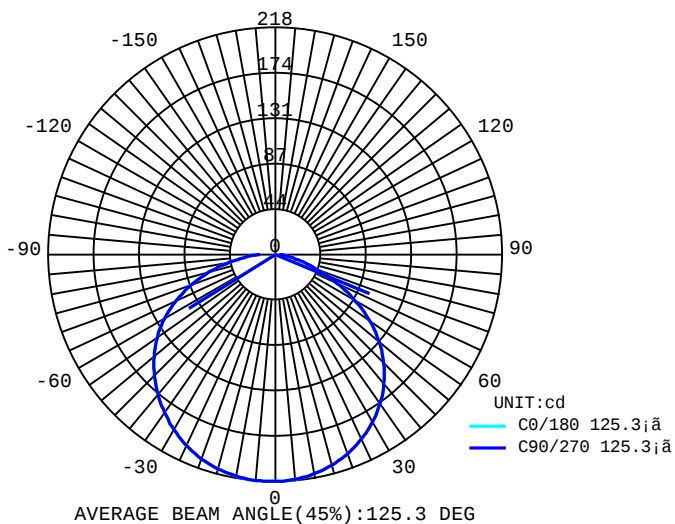
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 10000K, 24V, 7,2W/m, IP65, CRI95	SKU: STRIP72-24V-IP65-10000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	217.9	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	7.2	TOTAL FLUX(lm)	669.21	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	79.7	Current(A)	0.350
NOMINAL FLUX(lm)	669.2	η up(%)	0.0	Power(W)	8.400
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	658.3	EI	0.153(A+)

LUMINOUS INTENSITY DISTRIBUTION



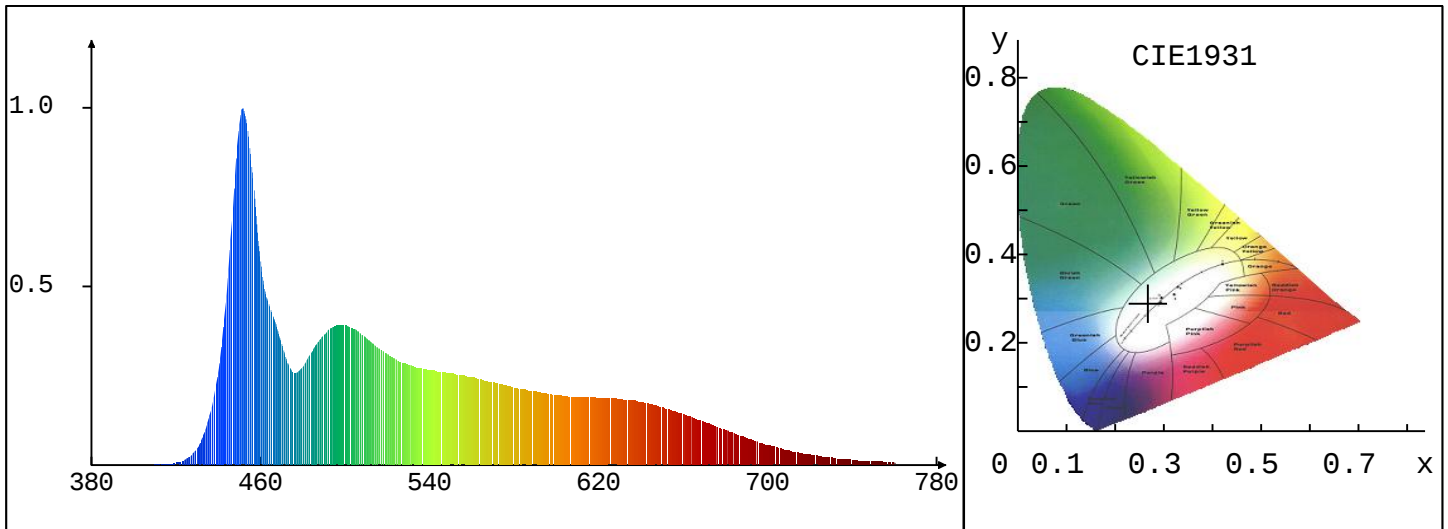
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 11811K Chro. Coord.: $x_a=0.2680$ $y_a=0.2854$ $u'_a=0.1820$ $v'_a=0.4362$ $|u'_a v'_a|=0.0003$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.2680$ $y=0.2857$ $u'=0.1820$ $v'=0.4364$ $duv=0.0066$

CCT: 11784K Dominant Wave: 481.6nm Purity: 26.2% Light Intensity: 381.9cd

Flux RGB Ratio: R=22.6%, G=36.0%, B=41.4% Peak Wave: 450.6nm Half Width: 17.2nm

Rendering Index: Ra= 94.8

R1 =98	R2 =96	R3 =94	R4 =92	R5 =95	R6 =97	R7 =93	R8 =93
R9 =96	R10=91	R11=98	R12=69	R13=96	R14=96	R15=91	

Instrument State

Scan Range: 380nm-780nm Integral Time: 130.0ms Peak Signal: 130000 Dark Signal: 58846

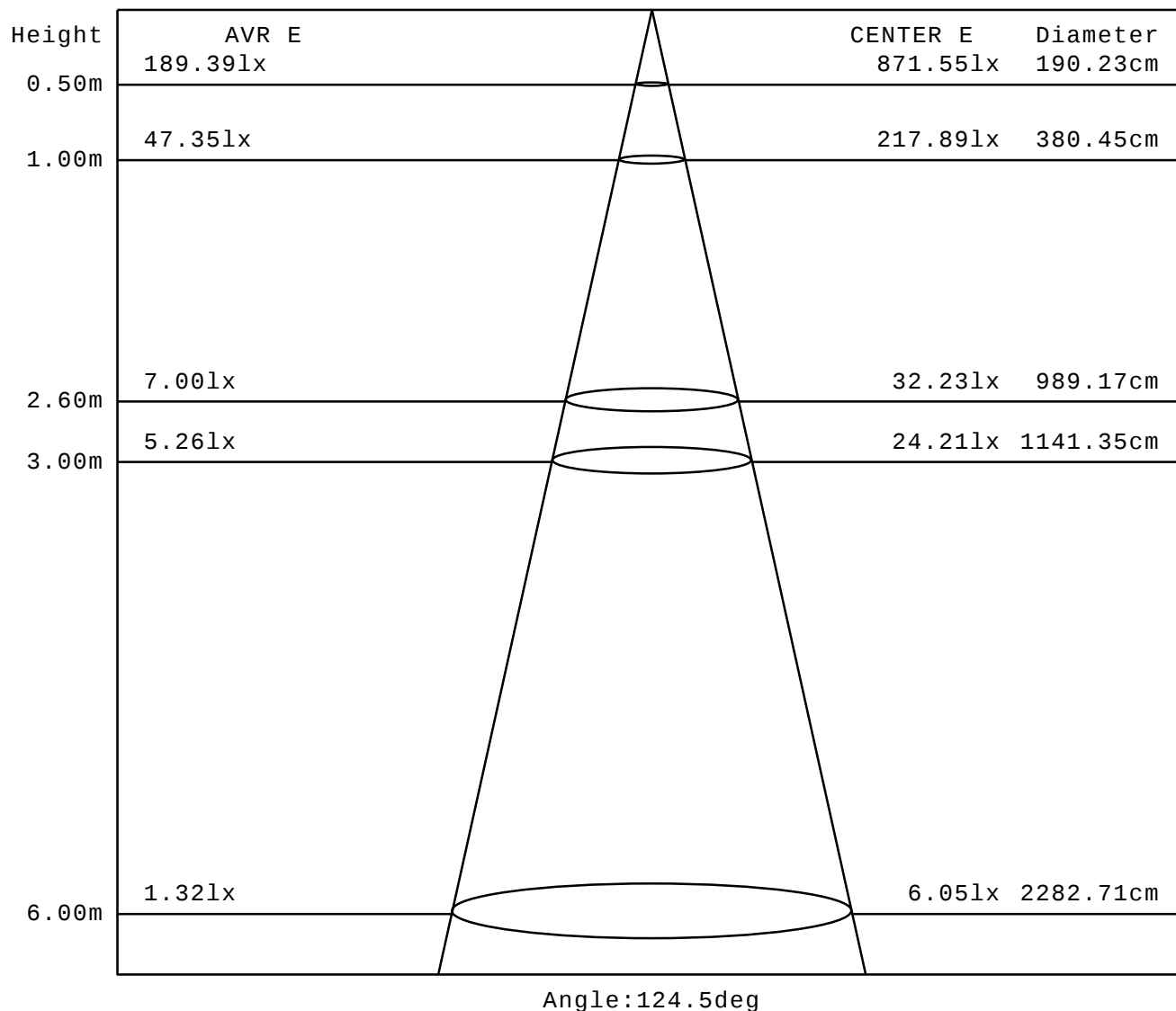
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AVERAGE AND CENTER E Figure

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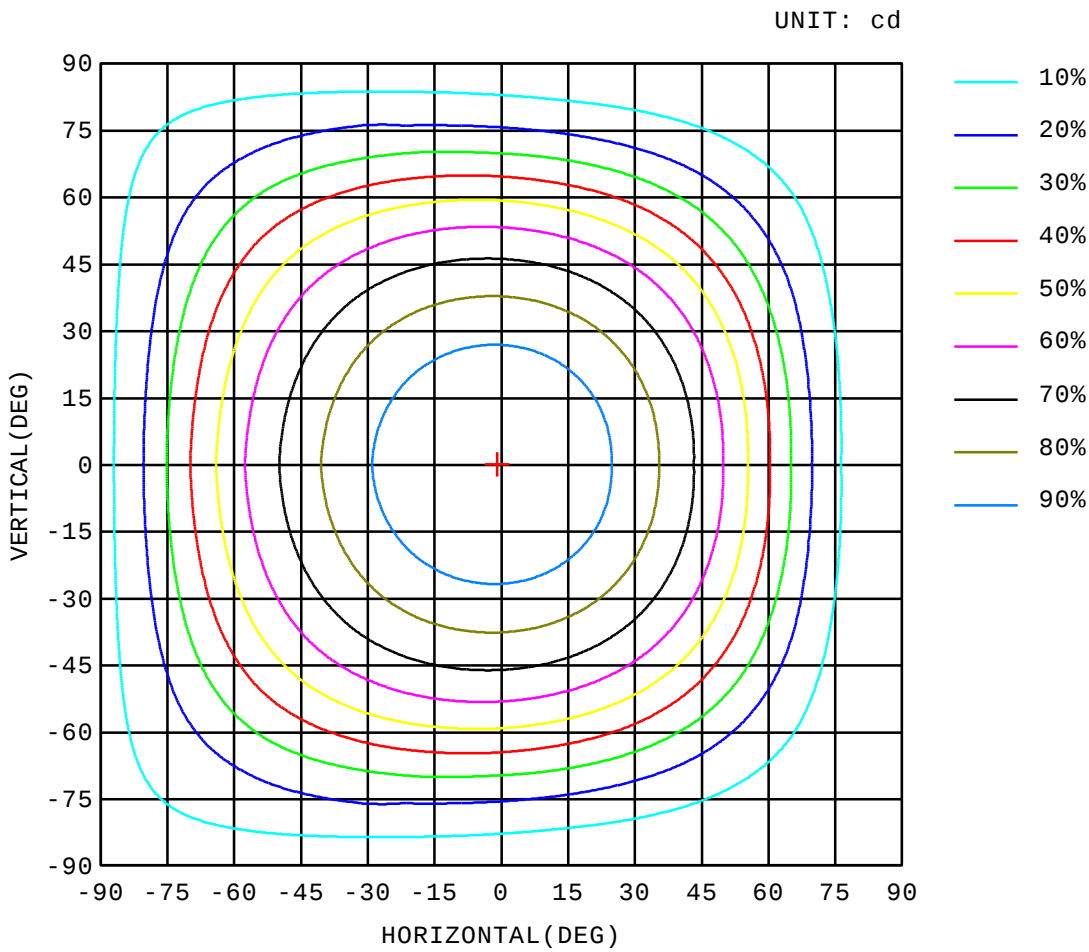
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ISOCANDELA DIAGRAM

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