

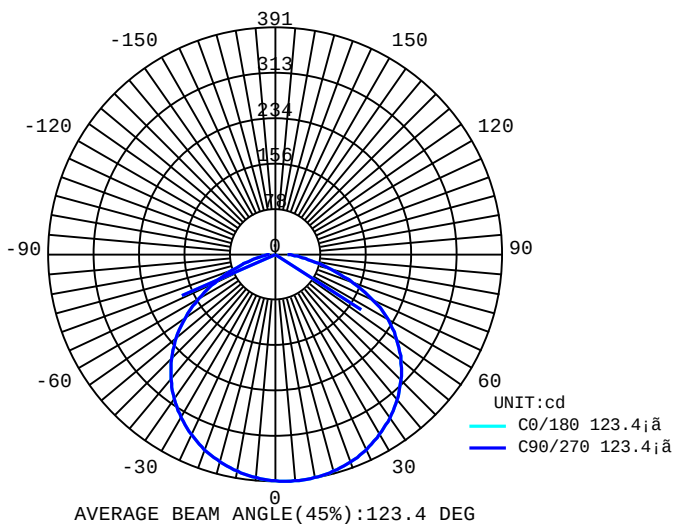
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 4000K, 12V, 14,4W/m, IP20, CRI94	SKU: STRIP144-12V-IP20-4000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	390.7	S/MH(C0/180)	1.37
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1184.1	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	82.2	Current(A)	1.200
NOMINAL FLUX(lm)	1184.1	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)	1161.4	EI	0.166(A+)

LUMINOUS INTENSITY DISTRIBUTION



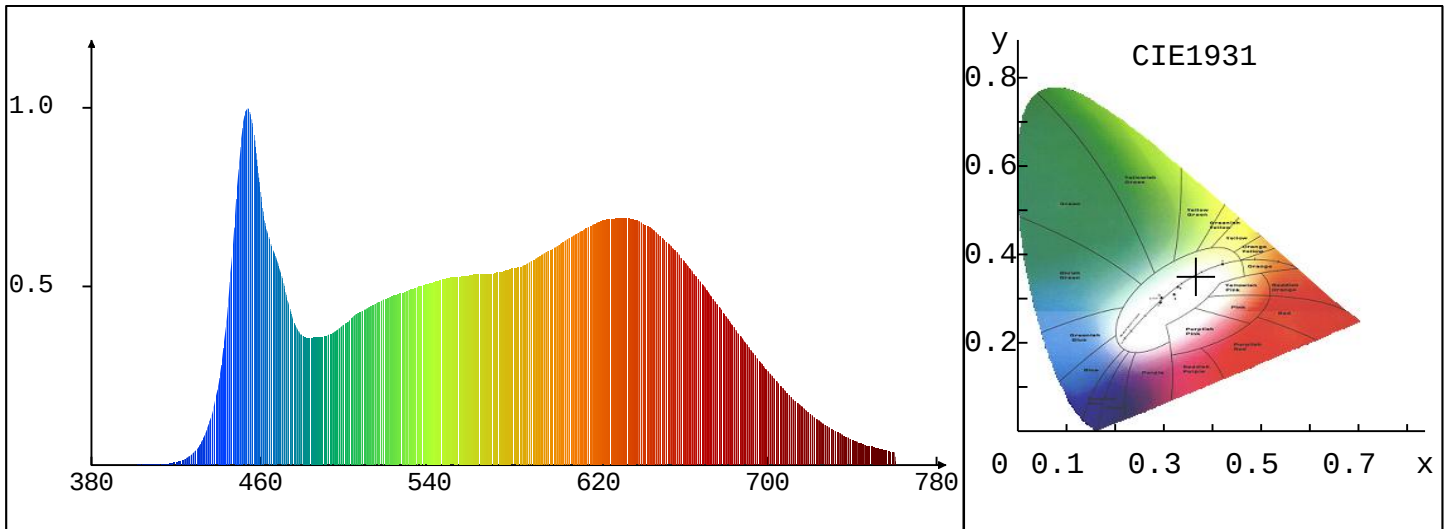
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4181K Chro. Coord.: $x_a=0.3668$ $y_a=0.3467$ $u'_a=0.2283$ $v'_a=0.4855$ $|u'_a v'_a|=0.0001$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3668$ $y=0.3467$ $u'=0.2283$ $v'=0.4855$ $duv=-0.0106$

CCT: 4182K Dominant Wave: 589.3nm Purity: 14.1% Light Intensity: 759.5cd

Flux RGB Ratio: R=42.9%, G=34.3%, B=22.8% Peak Wave: 452.6nm Half Width: 25.3nm

Rendering Index: Ra= 93.8

R1 =91	R2 =93	R3 =98	R4 =97	R5 =93	R6 =90	R7 =96	R8 =94
R9 =82	R10=88	R11=94	R12=76	R13=91	R14=99	R15=89	

Instrument State

Scan Range: 380nm-780nm Integral Time: 120.0ms Peak Signal: 120000 Dark Signal: 49539

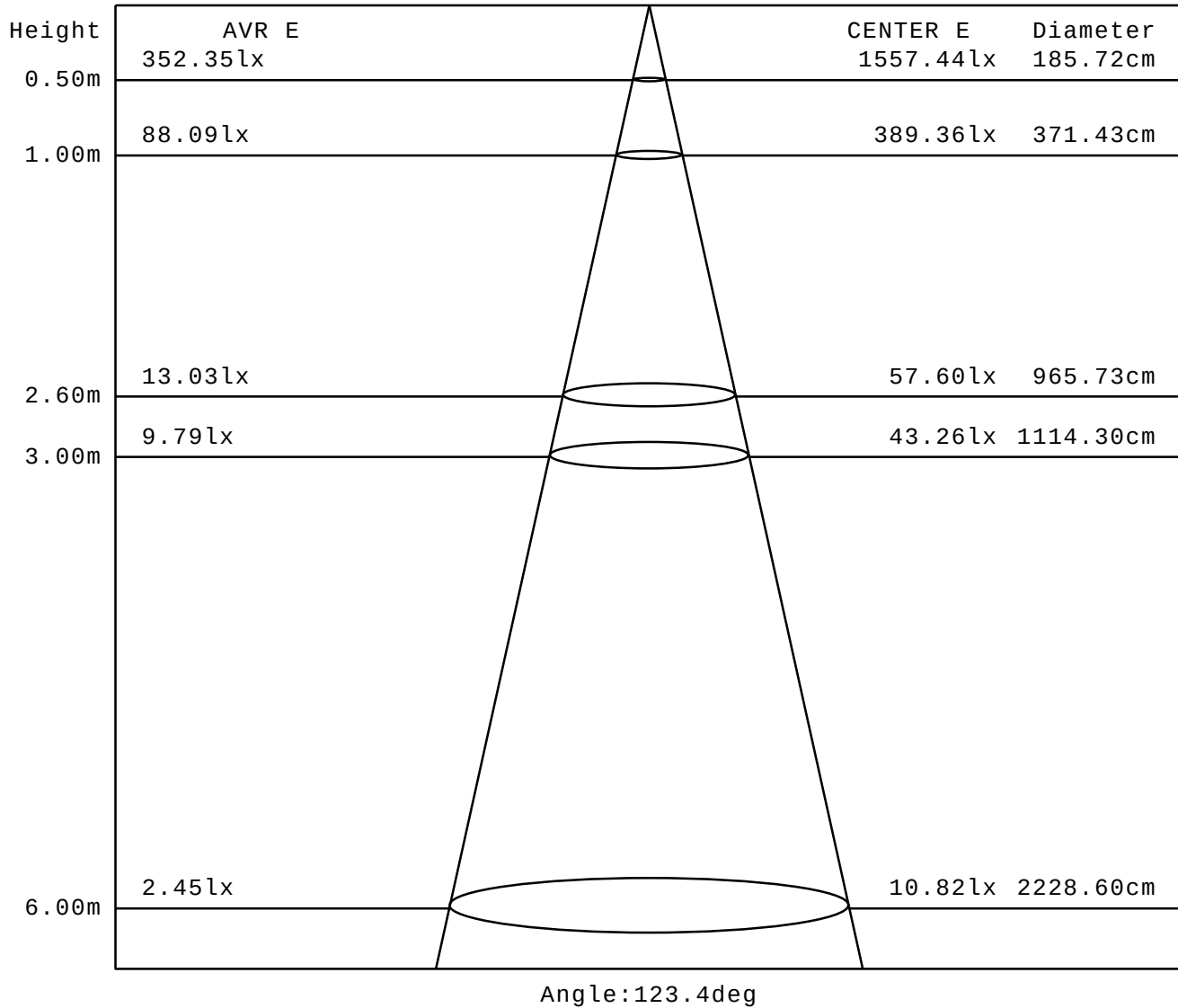
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AVERAGE AND CENTER E Figure

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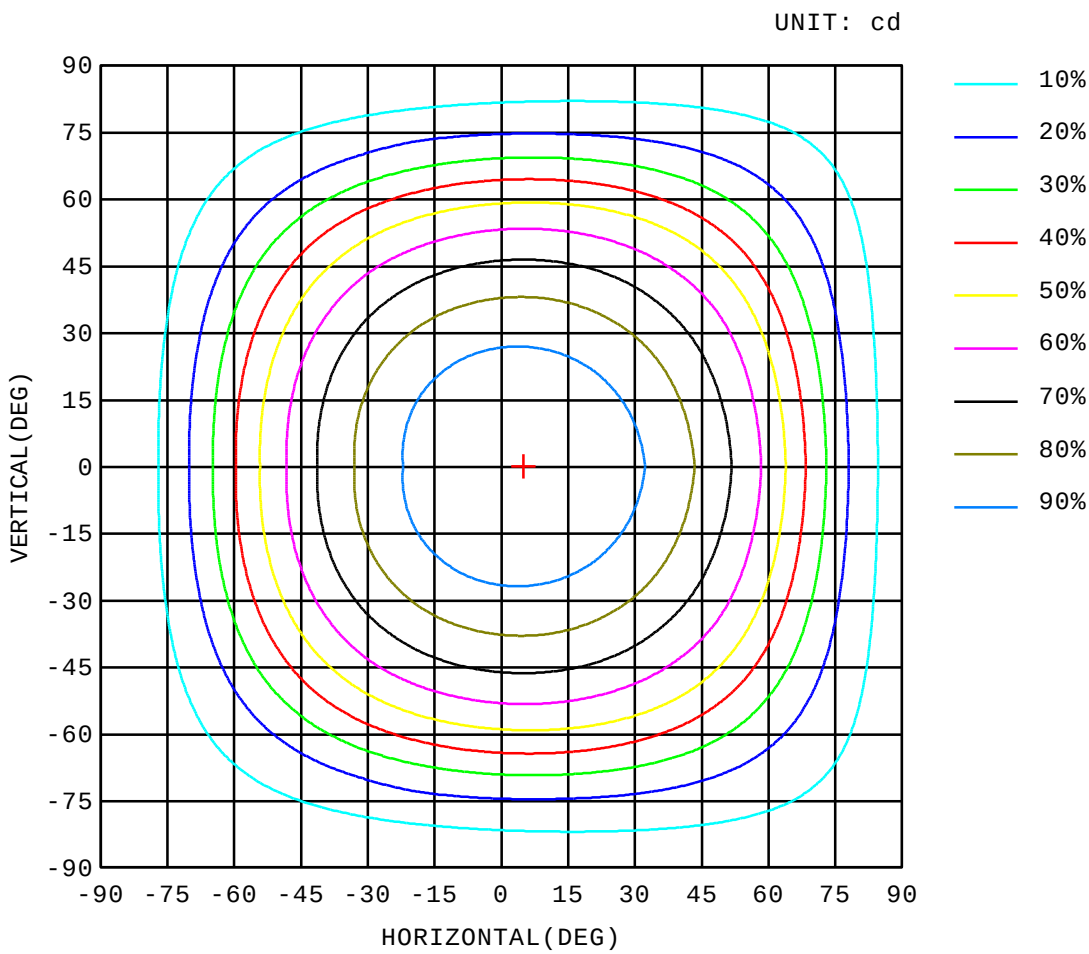
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ISOCANDELA DIAGRAM

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