

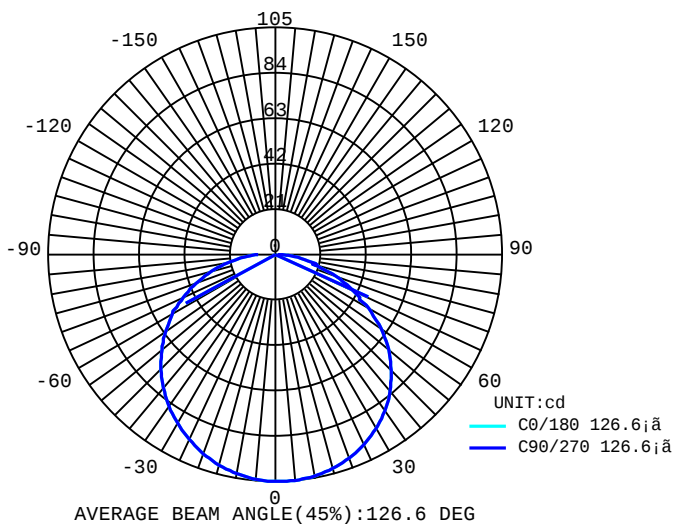
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED light strip HELMI SPEKTRI, RGB+CCT, 24V, 20W/m, IP20, CRI94	SKU: STRIP20-24V-IP20-RGBCCT-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color and color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	104.6	S/MH(C0/180)	1.32
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	330.73	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	68.9	Current(A)	0.200
NOMINAL FLUX(lm)	330.7	η up(%)	0.0	Power(W)	4.800
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	327.4	EI	0.150(A+)

LUMINOUS INTENSITY DISTRIBUTION



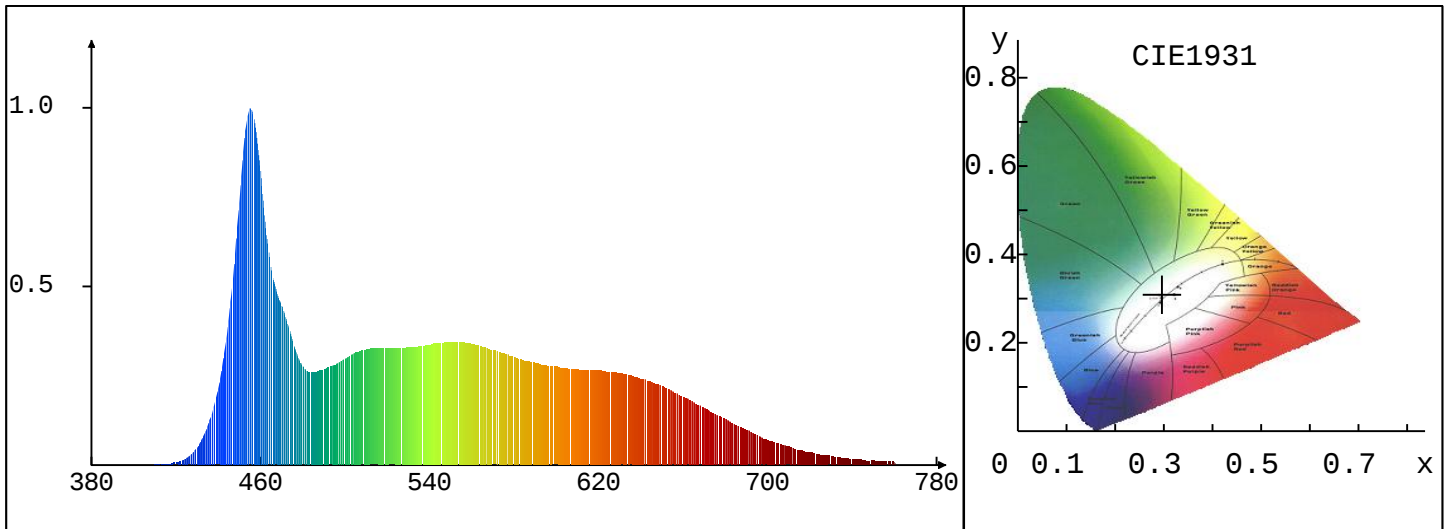
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 7890K Chro. Coord.: $x_a=0.2964$ $y_a=0.3057$ $u'_a=0.1951$ $v'_a=0.4528$ $|u'_a v'_a|=0.0004$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.2963$ $y=0.3054$ $u'=0.1951$ $v'=0.4527$ $duv=-0.0003$

CCT: 7905K Dominant Wave: 481.2nm Purity: 15.0% Light Intensity: 170.8cd

Flux RGB Ratio: R=26.5%, G=37.9%, B=35.7% Peak Wave: 454.2nm Half Width: 20.1nm

Rendering Index: Ra= 93.5

R1 =93	R2 =97	R3 =95	R4 =92	R5 =94	R6 =95	R7 =92	R8 =91
R9 =91	R10=95	R11=93	R12=64	R13=97	R14=98	R15=96	

Instrument State

Scan Range: 380nm-780nm Integral Time: 340.0ms Peak Signal: 340000 Dark Signal: 53966

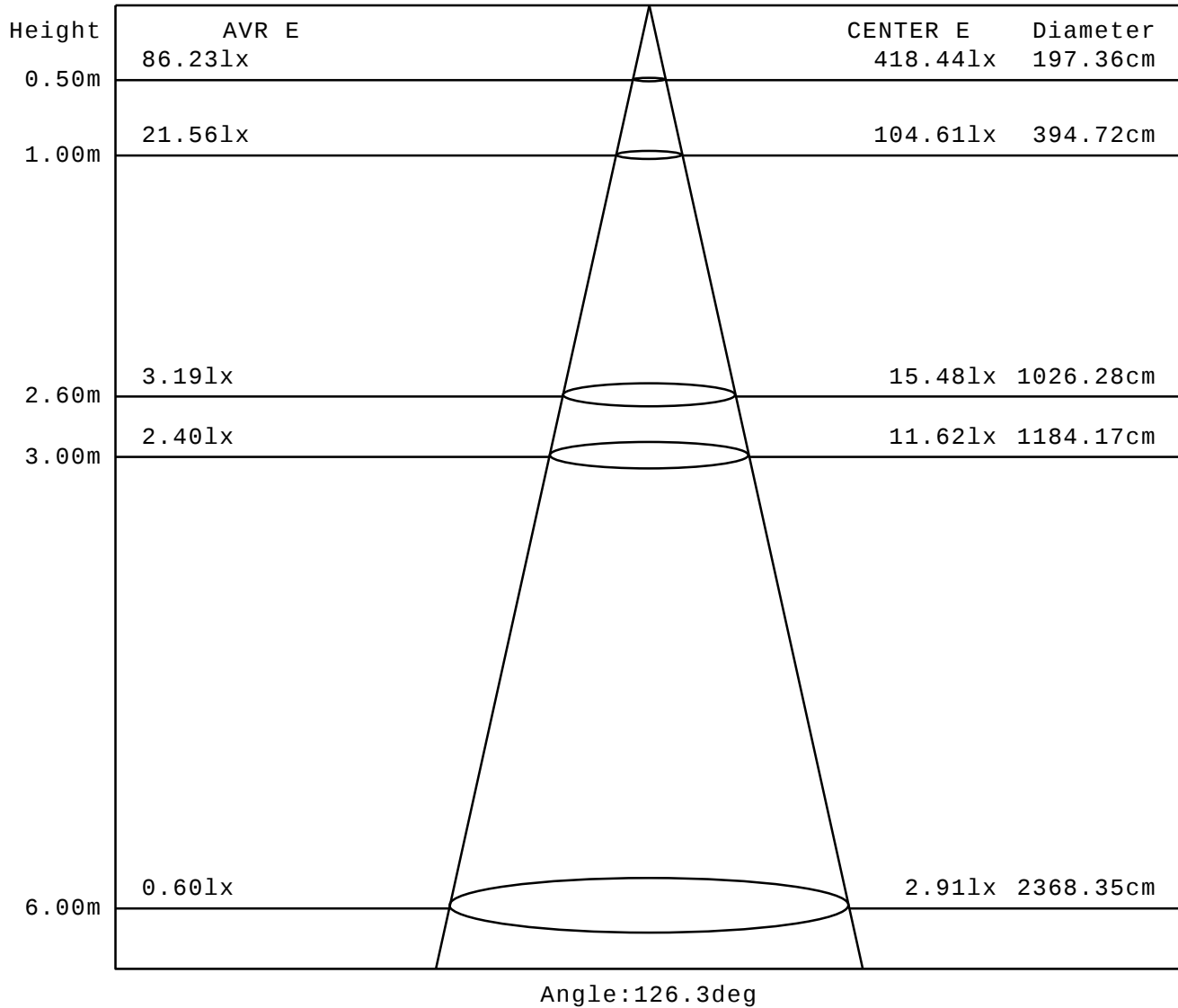
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AVERAGE AND CENTER E Figure

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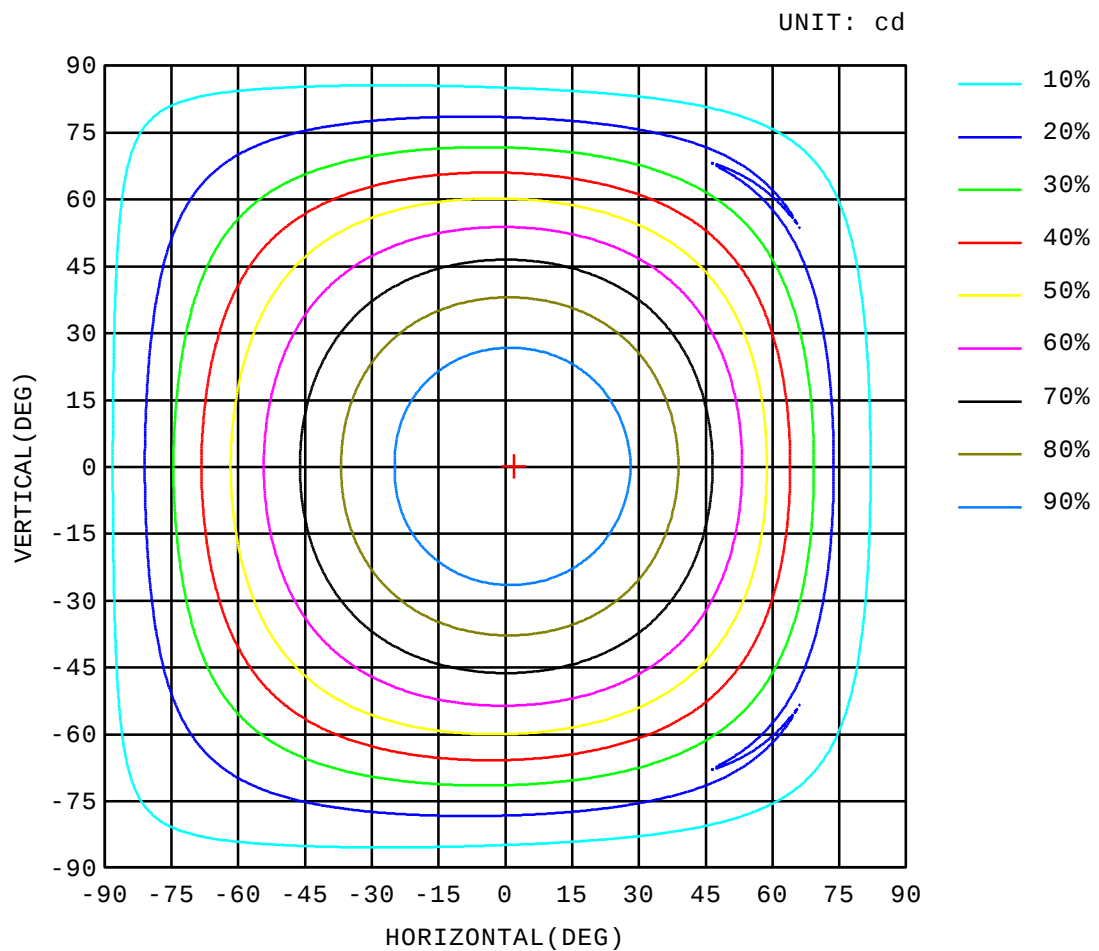
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ISOCANDELA DIAGRAM

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