

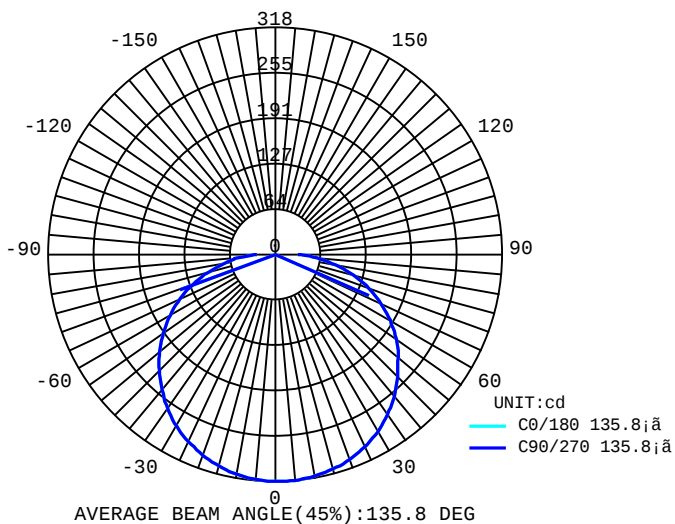
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 3000K, 24V, 14,4W/m, IP20, CRI96	SKU: STRIP144-24V-IP20-3000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	318.4	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1107.2	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	69.9	Current(A)	0.660
NOMINAL FLUX(lm)	1107.3	η up(%)	0.0	Power(W)	15.84
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1104.0	EI	0.190(A)

LUMINOUS INTENSITY DISTRIBUTION



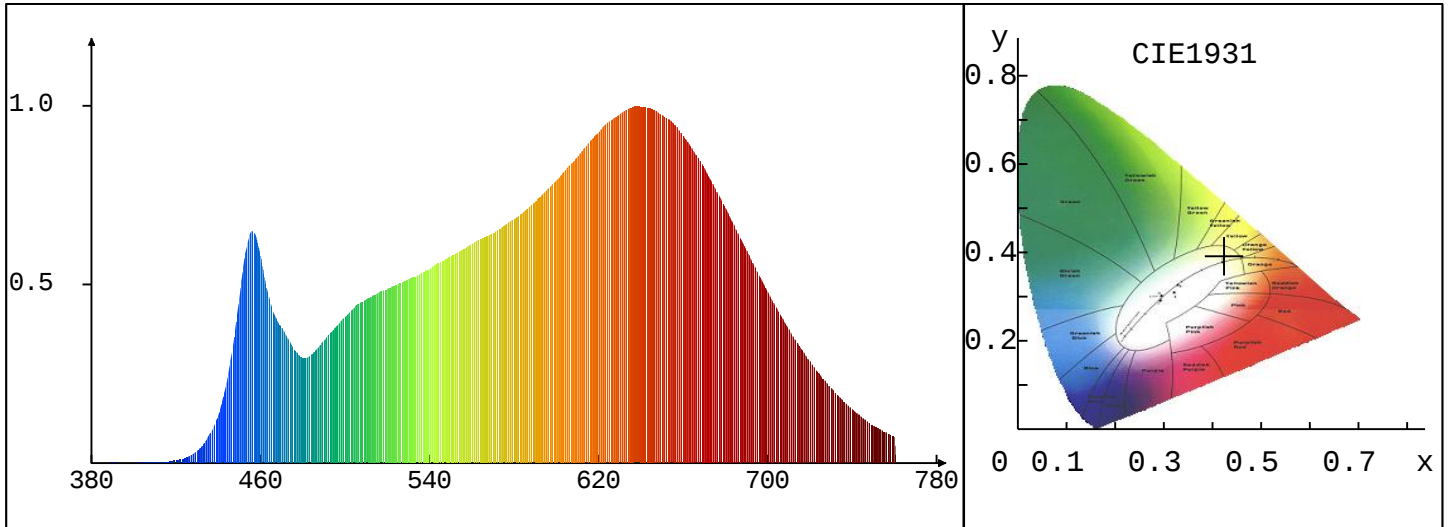
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3084K Chro. Coord.: $x_a=0.4244$ $y_a=0.3876$ $u'_a=0.2496$ $v'_a=0.5128$ $|u'_a v'_a|=0.0001$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.4244$ $y=0.3876$ $u'=0.2496$ $v'=0.5128$ $duv=-0.0049$

CCT: 3083K Dominant Wave: 584.5nm Purity: 43.7% Light Intensity: 608.1cd

Flux RGB Ratio: R=54.4%, G=32.0%, B=13.6% Peak Wave: 636.8nm Half Width: 174.3nm

Rendering Index: Ra= 95.9

R1 =95	R2 =96	R3 =98	R4 =97	R5 =94	R6 =92	R7 =96	R8 =98
R9 =94	R10=91	R11=94	R12=82	R13=95	R14=99	R15=96	

Instrument State

Scan Range: 380nm-780nm Integral Time: 240.0ms Peak Signal: 240000 Dark Signal: 57743

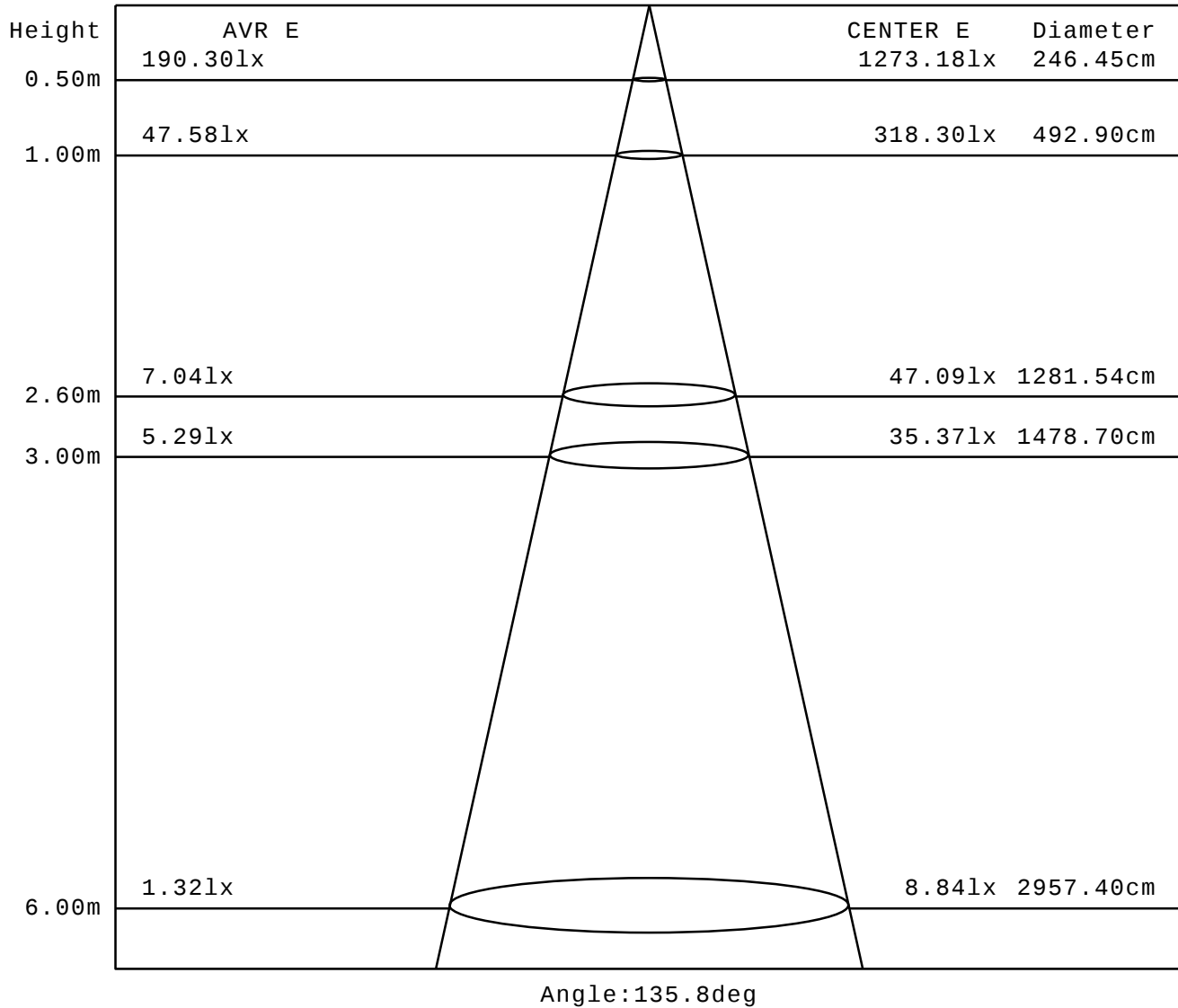
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AVERAGE AND CENTER E Figure

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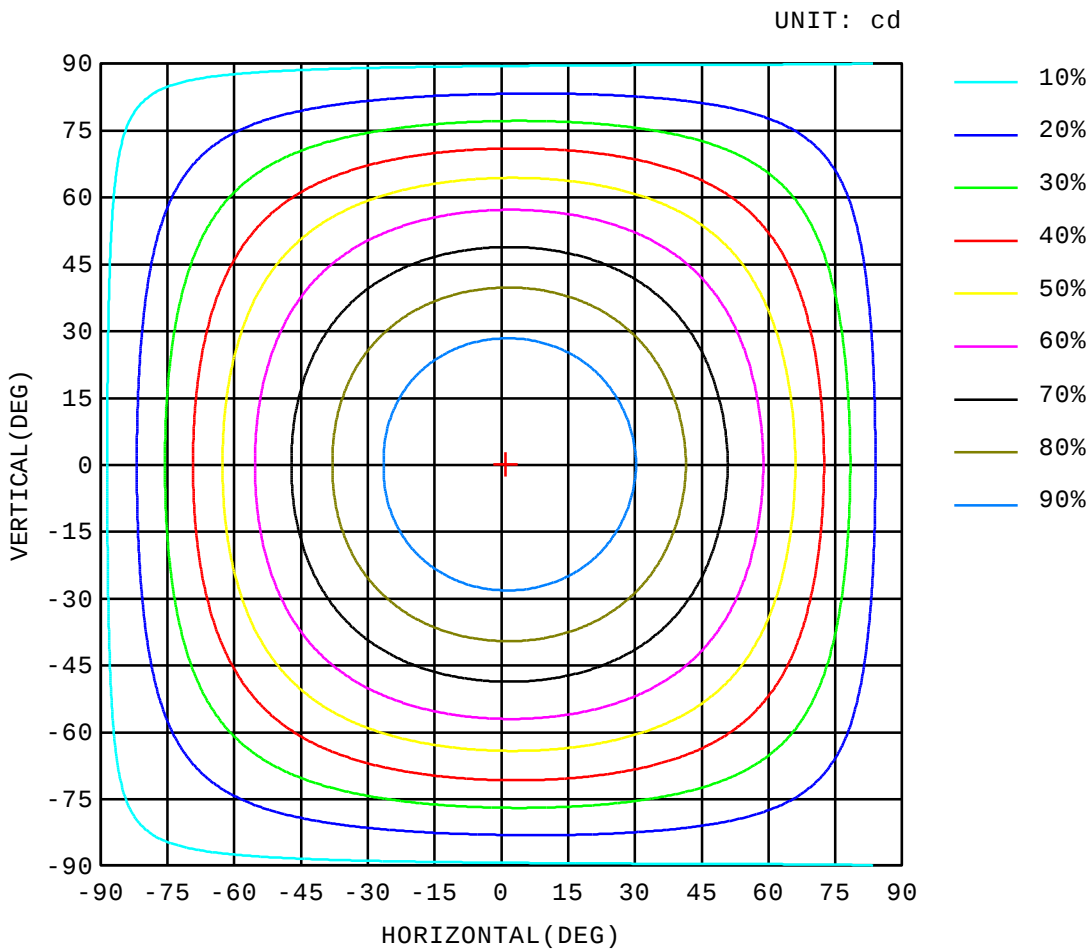
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ISOCANDELA DIAGRAM

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