

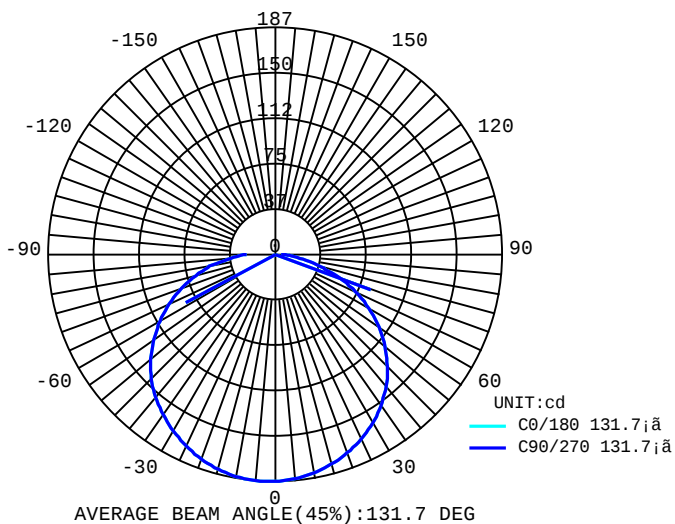
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip HELMI, 3000K, 24V, 7,2W/m, IP65, CRI97	SKU: STRIP72-24V-IP65-3000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	187.2	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	7.2	TOTAL FLUX(lm)	621.74	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	76.2	Current(A)	0.340
NOMINAL FLUX(lm)	621.7	η up(%)	0.0	Power(W)	8.160
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	617.1	EI	0.157(A+)

LUMINOUS INTENSITY DISTRIBUTION



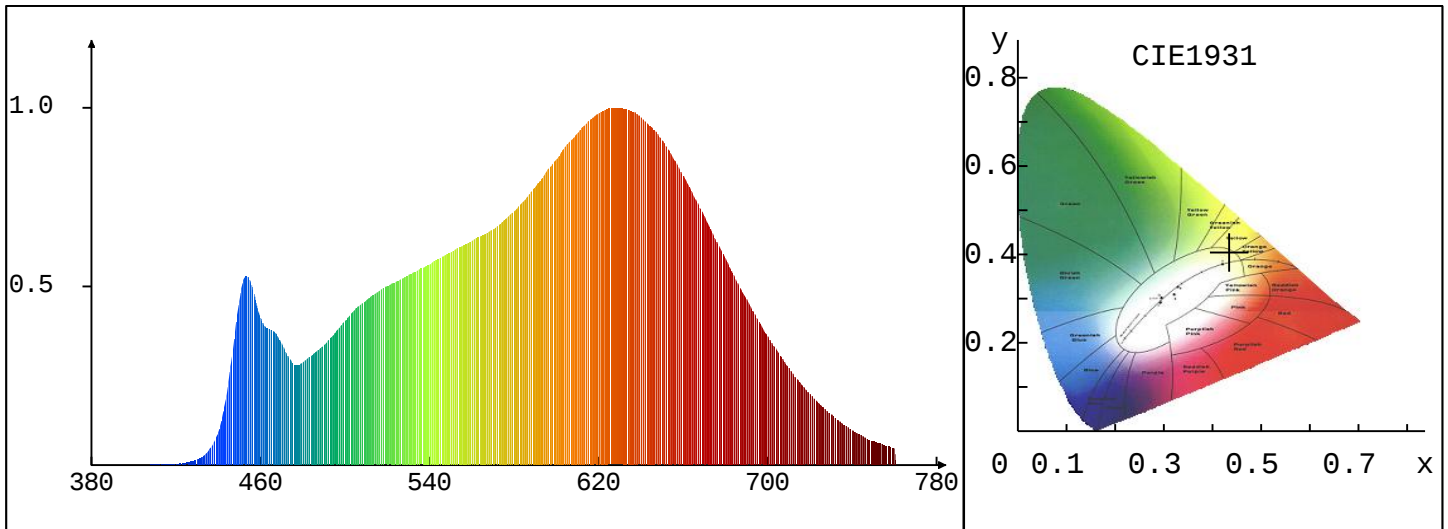
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3000K Chro. Coord.: $x_a=0.4357$ $y_a=0.4014$ $u'_a=0.2509$ $v'_a=0.5202$ $|u'_a v'_a|=0.0004$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.4351$ $y=0.4009$ $u'=0.2507$ $v'=0.5198$ $duv=-0.0010$

CCT: 3005K Dominant Wave: 583.2nm Purity: 50.9% Light Intensity: 370.6cd

Flux RGB Ratio: R=52.3%, G=35.0%, B=12.7% Peak Wave: 627.8nm Half Width: 167.2nm

Rendering Index: Ra= 96.6

R1 =99	R2 =98	R3 =99	R4 =99	R5 =98	R6 =95	R7 =94	R8 =92
R9 =85	R10=97	R11=97	R12=84	R13=99	R14=99	R15=97	

Instrument State

Scan Range: 380nm-780nm Integral Time: 410.0ms Peak Signal: 410000 Dark Signal: 59611

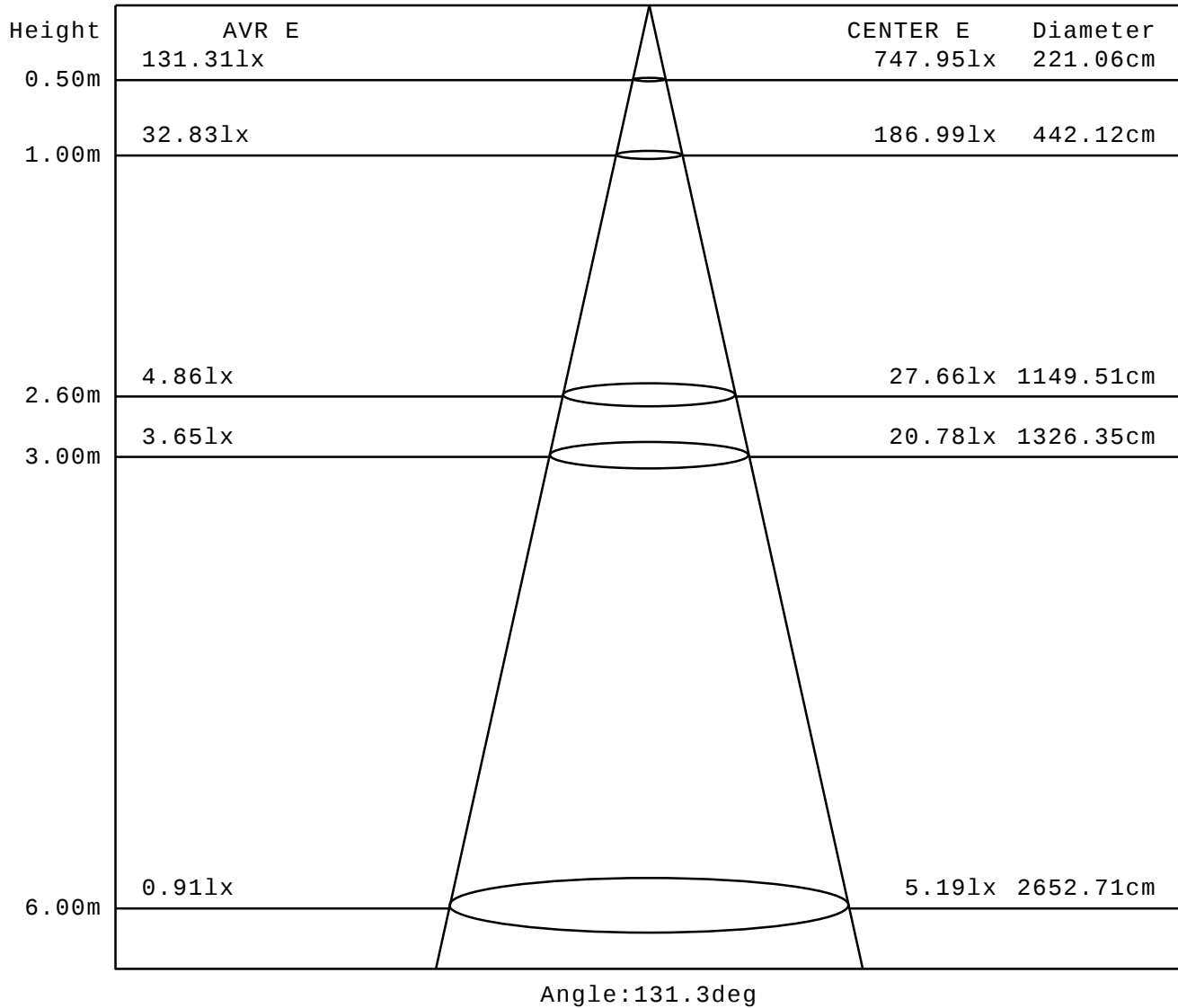
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AVERAGE AND CENTER E Figure

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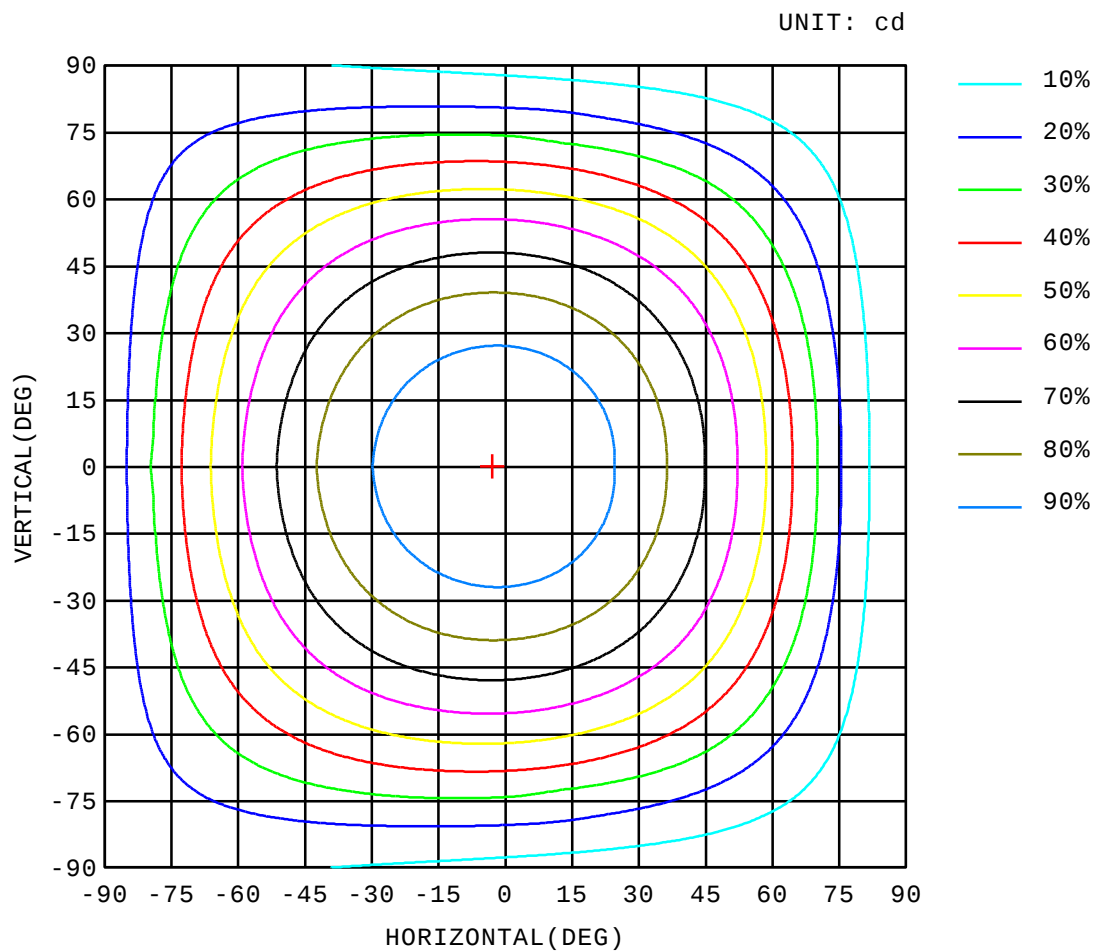
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ISOCANDELA DIAGRAM

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