

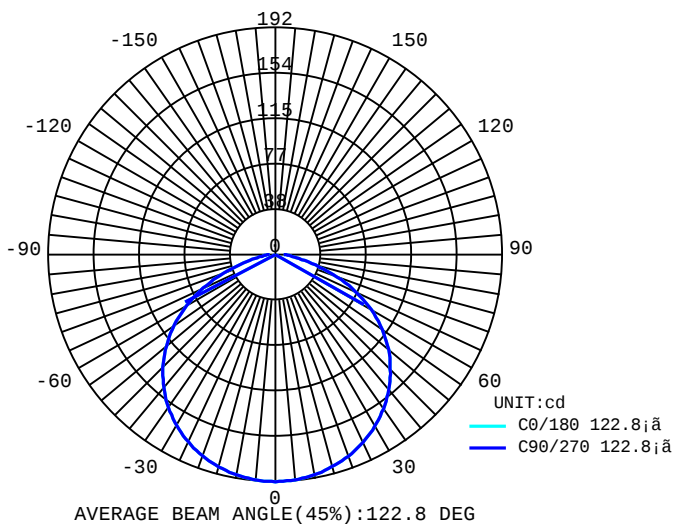
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: 5m LED light strip HELMI TAIVUTELTAVA, CCT, 24V, 14,4W/m, IP65, CRI94	SKU: STRIP144-24V-IP65-CCT-SMD-BENDABLE	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	192.1	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	568.84	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	67.7	Current(A)	0.350
NOMINAL FLUX(lm)	568.8	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)	556.3	EI	0.175(A)

LUMINOUS INTENSITY DISTRIBUTION



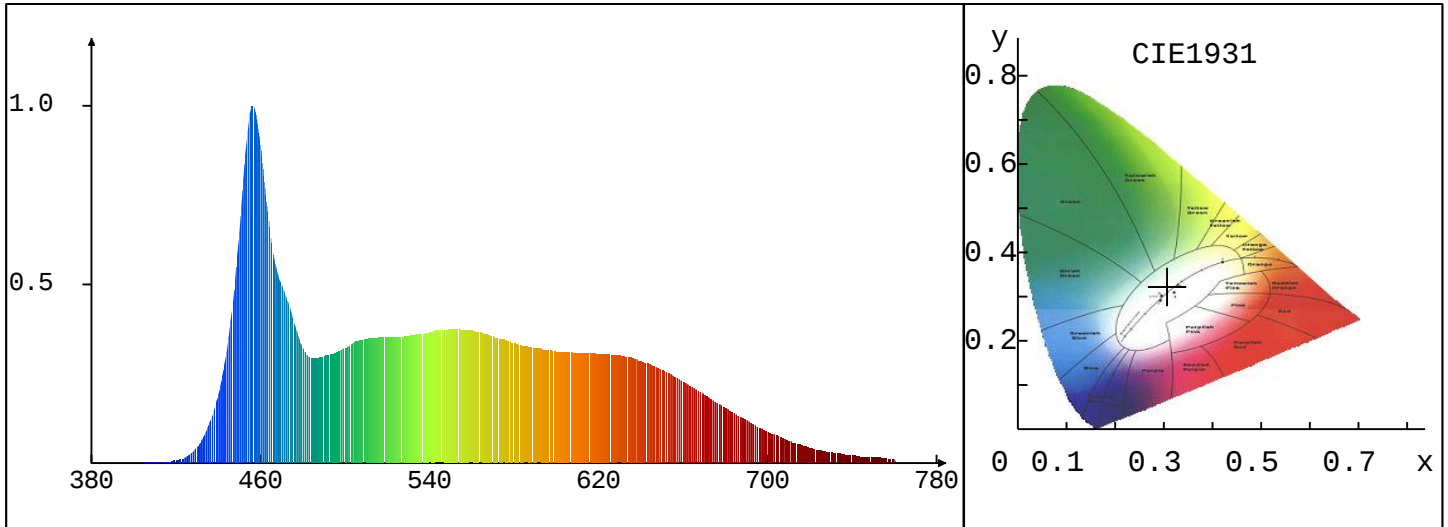
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 6983K Chro. Coord.: $x_a=0.3065$ $y_a=0.3174$ $u'_a=0.1979$ $v'_a=0.4610$ $|u'_a v'_a|=0.0008$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3069$ $y=0.3183$ $u'=0.1978$ $v'=0.4616$ $duv=0.0007$

CCT: 6948K Dominant Wave: 484.1nm Purity: 10.2% Light Intensity: 333.9cd

Flux RGB Ratio: R=28.5%, G=37.8%, B=33.7% Peak Wave: 455.6nm Half Width: 21.5nm

Rendering Index: Ra= 93.7

R1 =97	R2 =98	R3 =97	R4 =89	R5 =90	R6 =91	R7 =94	R8 =93
R9 =92	R10=98	R11=91	R12=63	R13=98	R14=99	R15=92	

Instrument State

Scan Range: 380nm-780nm Integral Time: 200.0ms Peak Signal: 200000 Dark Signal: 57303

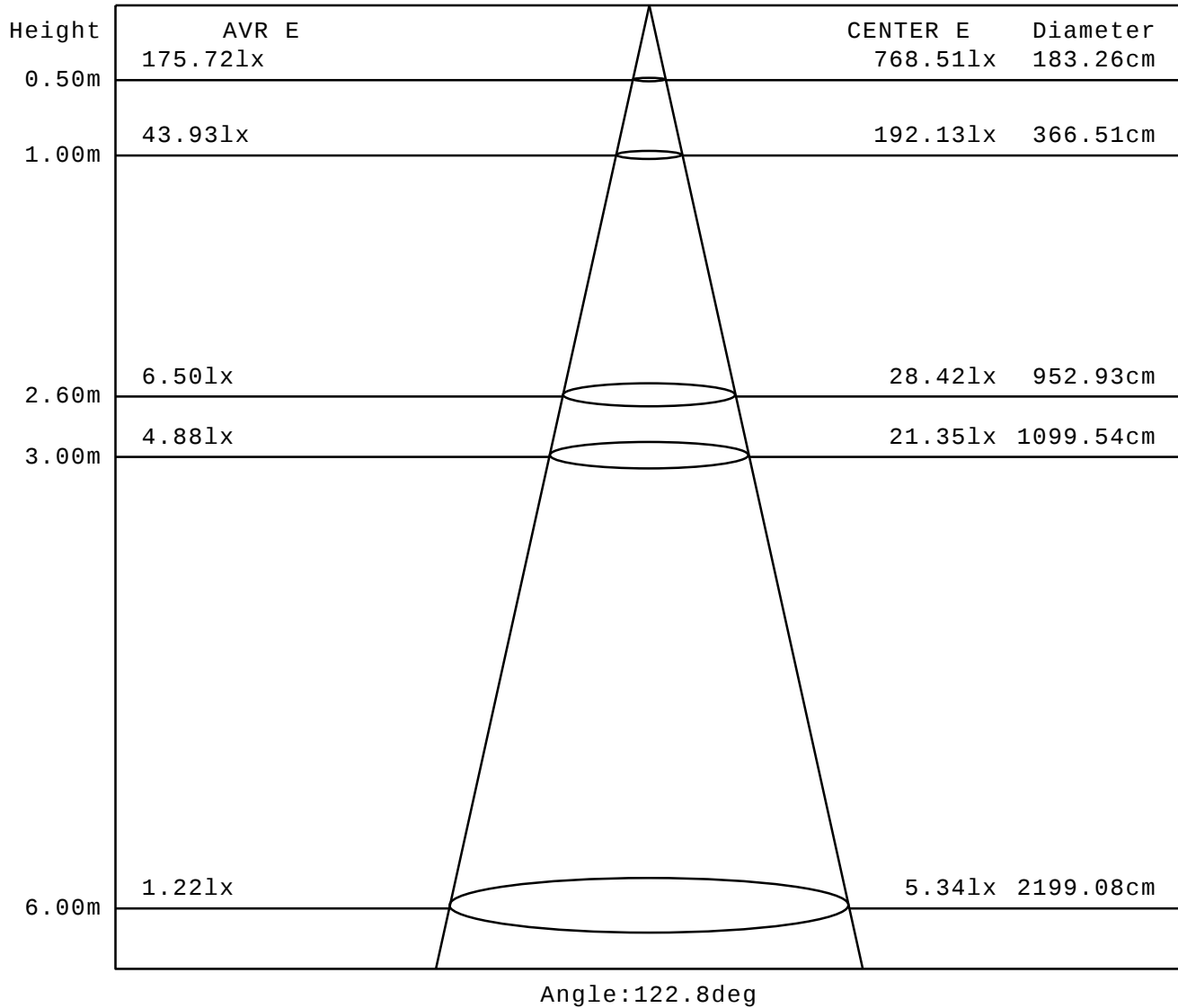
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AVERAGE AND CENTER E Figure

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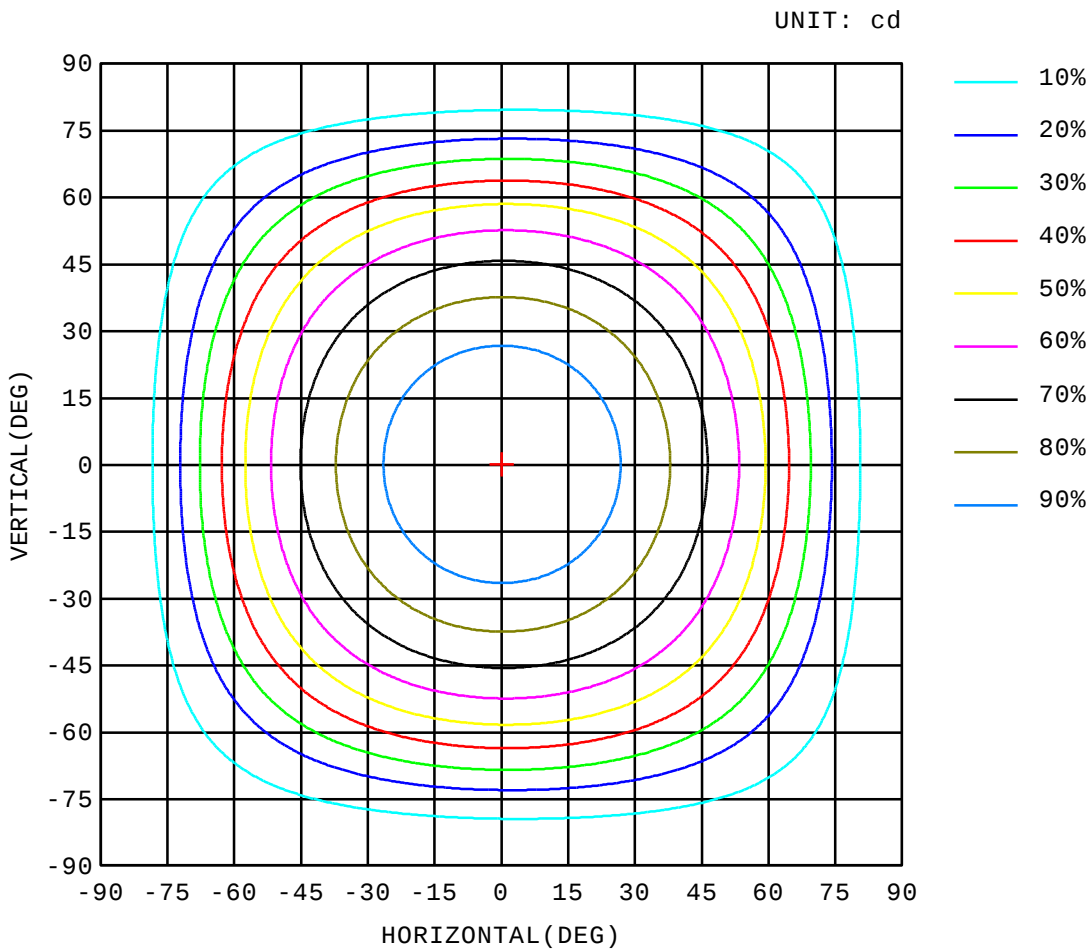
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ISOCANDELA DIAGRAM

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