

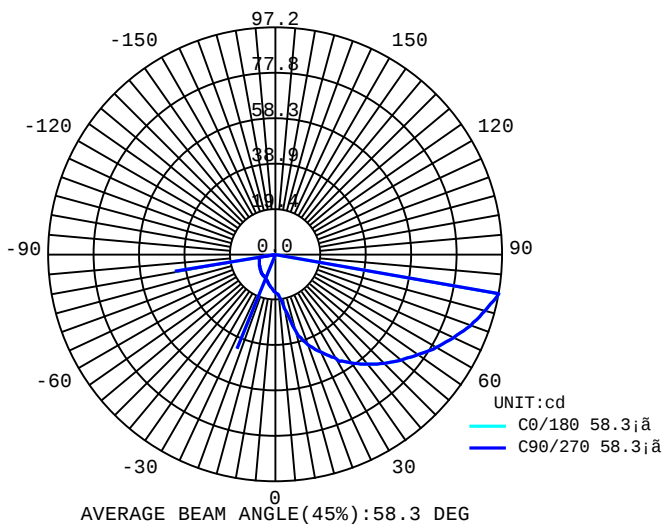
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: 1m LED light strip NEON, CCT, 24V, 14,4W/m, IP65, CRI95	SKU: STRIP144-24V-IP65-CCT-NEON	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	97.23	S/MH(C0/180)	3.68
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	3.68
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	210.73	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	26.6	Current(A)	0.330
NOMINAL FLUX(lm)	210.7	η up(%)	0.0	Power(W)	7.920
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	195.8	EI	0.361(B)

LUMINOUS INTENSITY DISTRIBUTION



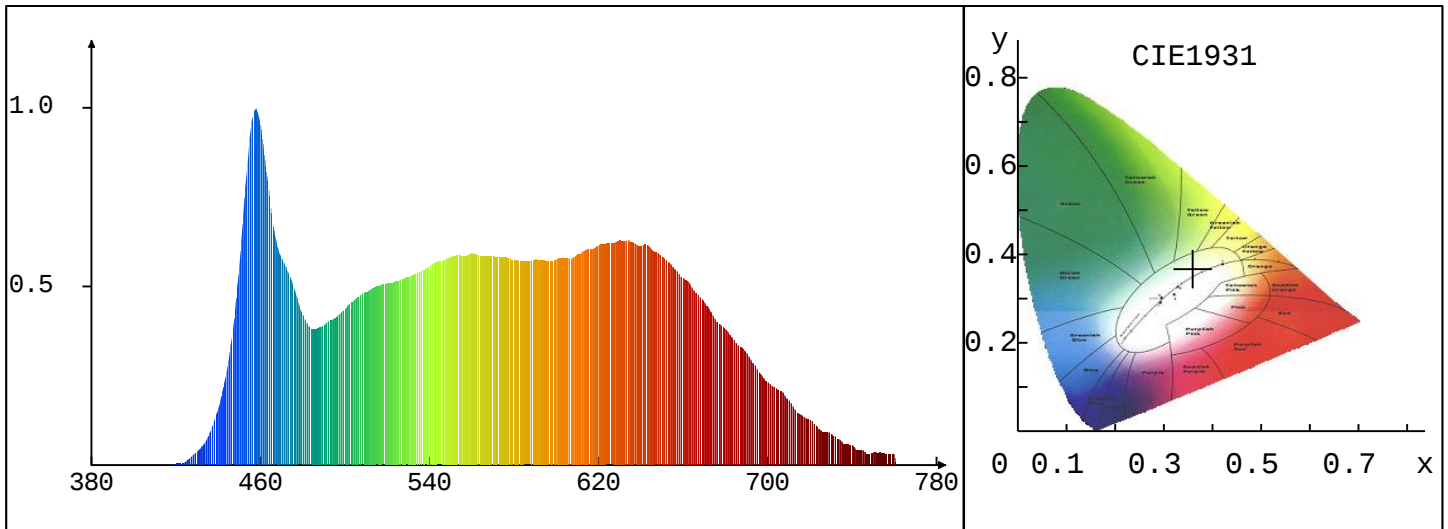
Test System: HopooColor HP880
Temperature: 25.3 DEG
Operators:
Test Date: 09-20-2024

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 1.000 m
Remarks:

Spectrum Chart

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Avg Chro. Para.

CCT: 4540K Chro. Coord.: $x_a=0.3595$ $y_a=0.3628$ $u'_a=0.2167$ $v'_a=0.4921$ $|u'_a v'_a|=0.0027$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3592$ $y=0.3630$ $u'=0.2165$ $v'=0.4922$ $duv=0.0003$

CCT: 4548K Dominant Wave: 576.4nm Purity: 16.7% Light Intensity: 35.3cd

Flux RGB Ratio: R=39.5%, G=37.5%, B=23.0% Peak Wave: 456.7nm Half Width: 26.0nm

Rendering Index: Ra= 95.1

R1 =97	R2 =99	R3 =99	R4 =91	R5 =94	R6 =96	R7 =92	R8 =93
R9 =96	R10=99	R11=93	R12=68	R13=99	R14=100	R15=94	

Instrument State

Scan Range: 380nm-780nm Integral Time: 3000.0ms Peak Signal: 3000000 Dark Signal: 55763

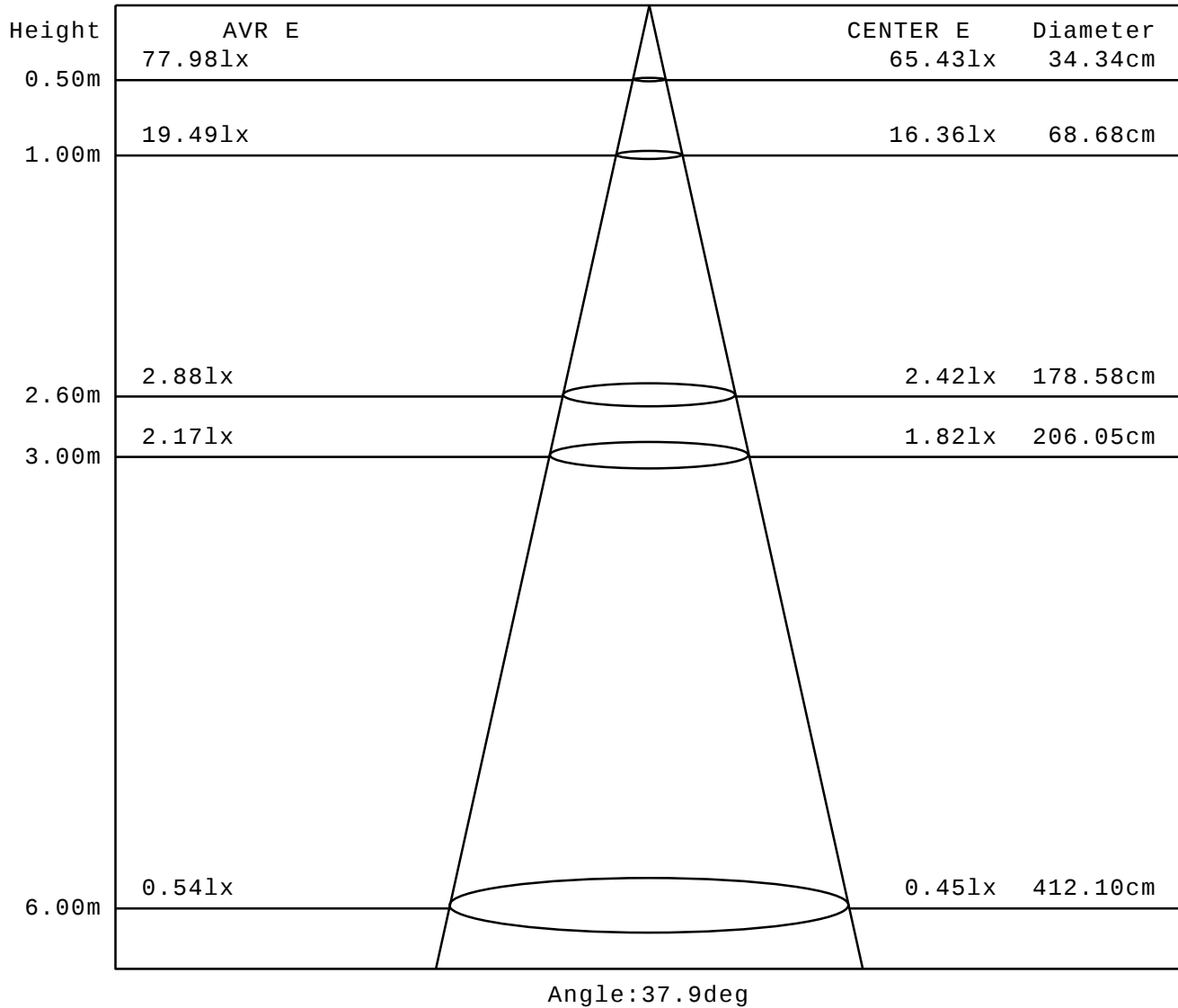
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AVERAGE AND CENTER E Figure

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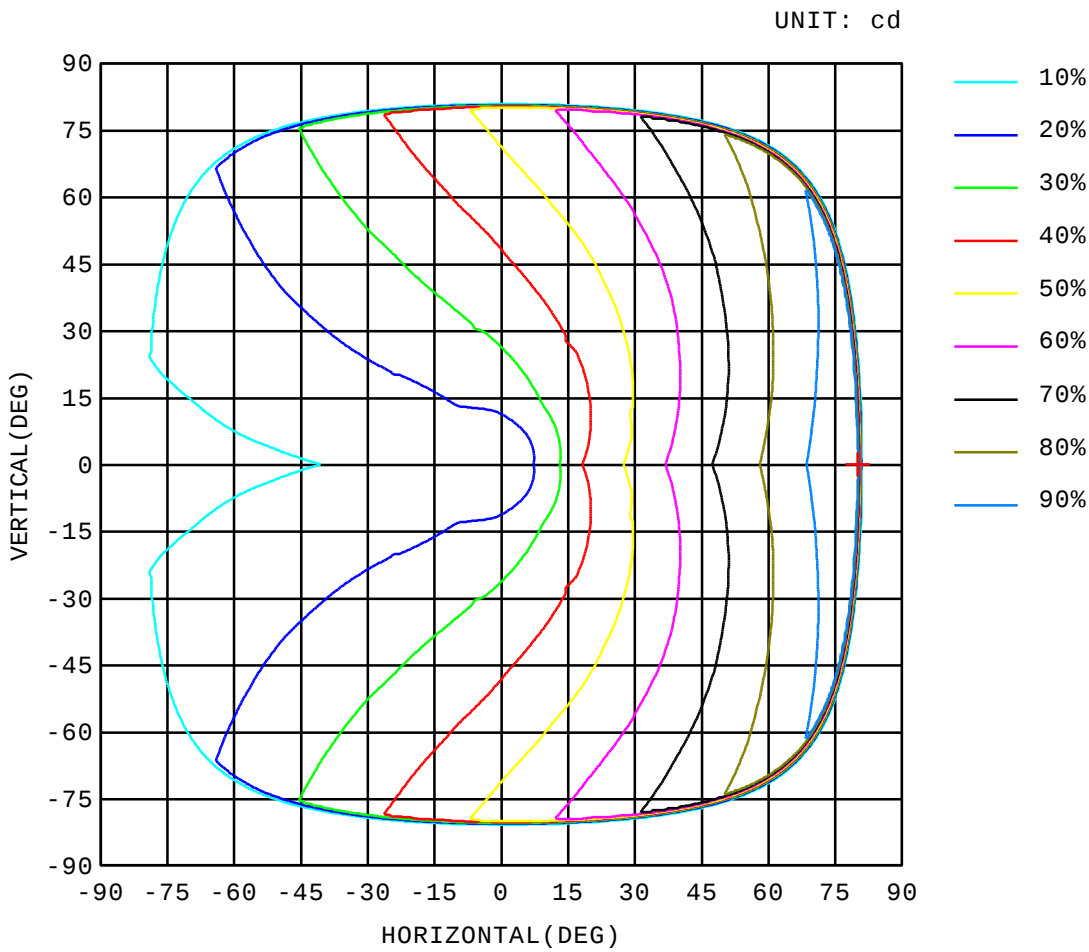
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ISOCANDELA DIAGRAM

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