

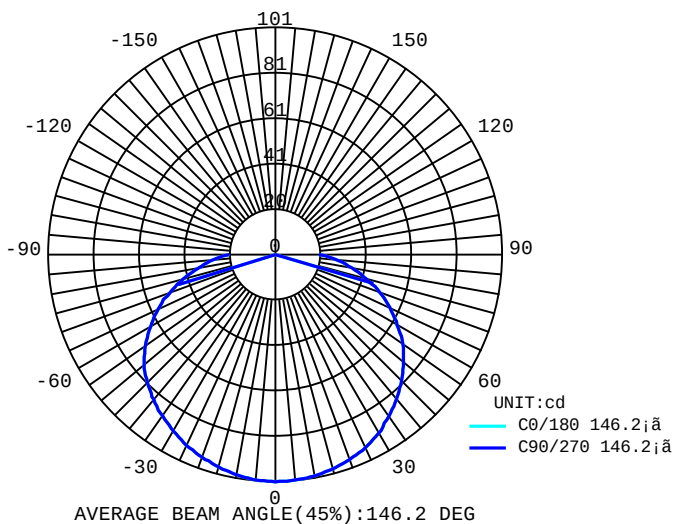
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED lightstrip HELMI KAMELEONTTI, RGB+W, 24V, 14,4W/m, IP65, CRI85	SKU: STRIP144-24V-IP65-RGBW-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color adjustable + neutral white	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	101.3	S/MH(C0/180)	1.35
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.35
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	392.57	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	90.9	Current(A)	0.180
NOMINAL FLUX(lm)	392.6	η up(%)	0.0	Power(W)	4.320
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	392.6	EI	0.118(A+)

LUMINOUS INTENSITY DISTRIBUTION



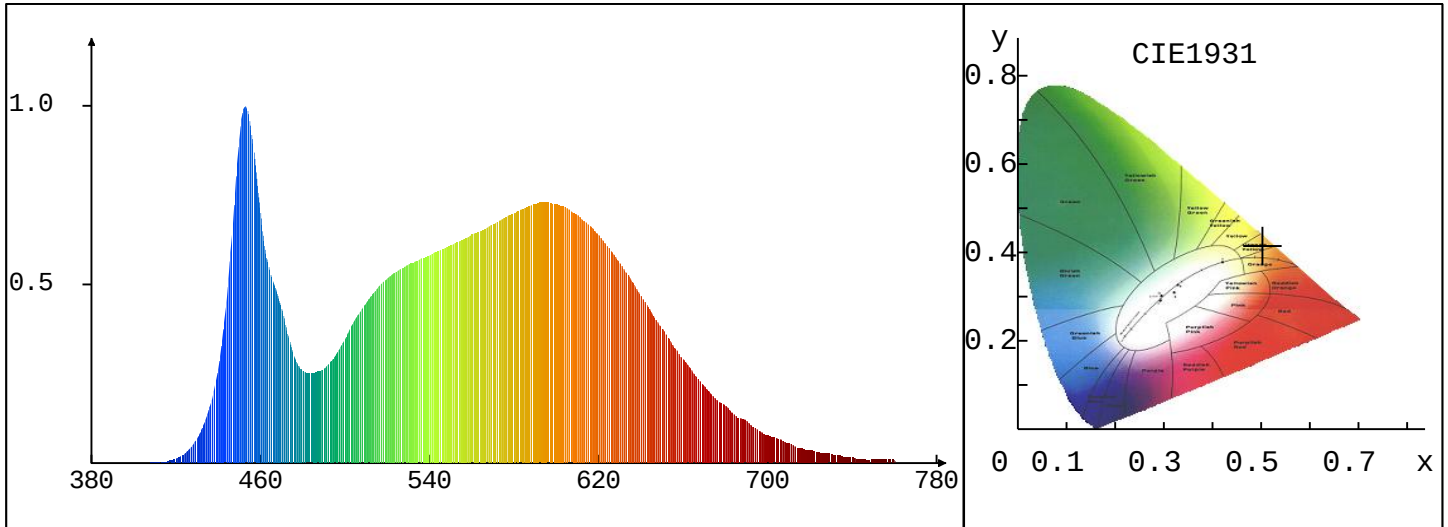
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4285K Chro. Coord.: $x_a=0.3688$ $y_a=0.3697$ $u'_a=0.2202$ $v'_a=0.4967$ $|u'_a v'_a|=0.0001$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3688$ $y=0.3697$ $u'=0.2202$ $v'=0.4967$ $duv=0.0002$

CCT: 4285K Dominant Wave: 577.7nm Purity: 21.6% Light Intensity: 179.5cd

Flux RGB Ratio: R=31.3%, G=45.3%, B=23.4% Peak Wave: 451.7nm Half Width: 21.5nm

Rendering Index: Ra= 84.1

R1 =83	R2 =91	R3 =95	R4 =83	R5 =82	R6 =85	R7 =86	R8 =67
R9 =15	R10=77	R11=82	R12=58	R13=86	R14=98	R15=78	

Instrument State

Scan Range: 380nm-780nm Integral Time: 670.0ms Peak Signal: 670000 Dark Signal: 60209

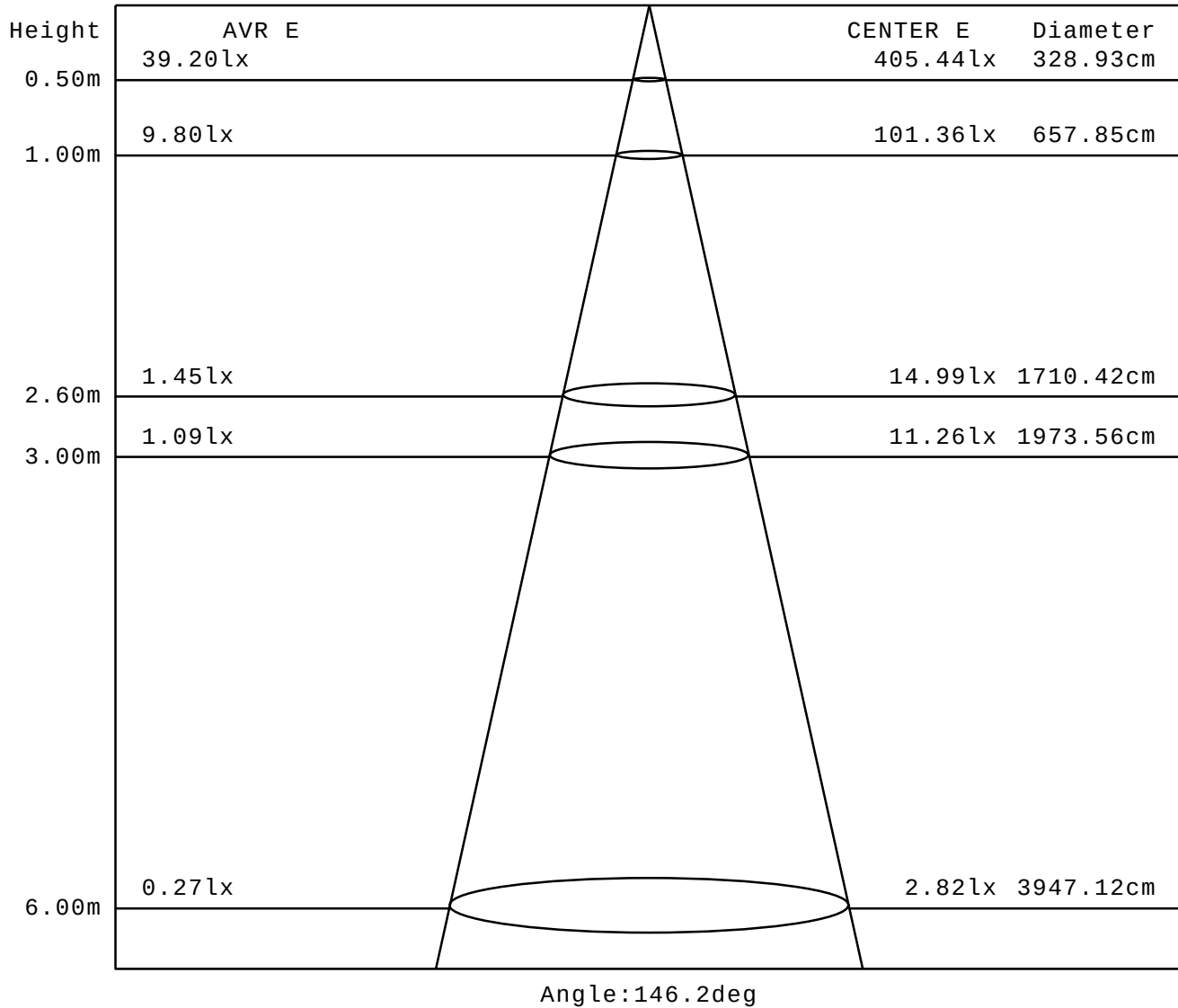
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AVERAGE AND CENTER E Figure

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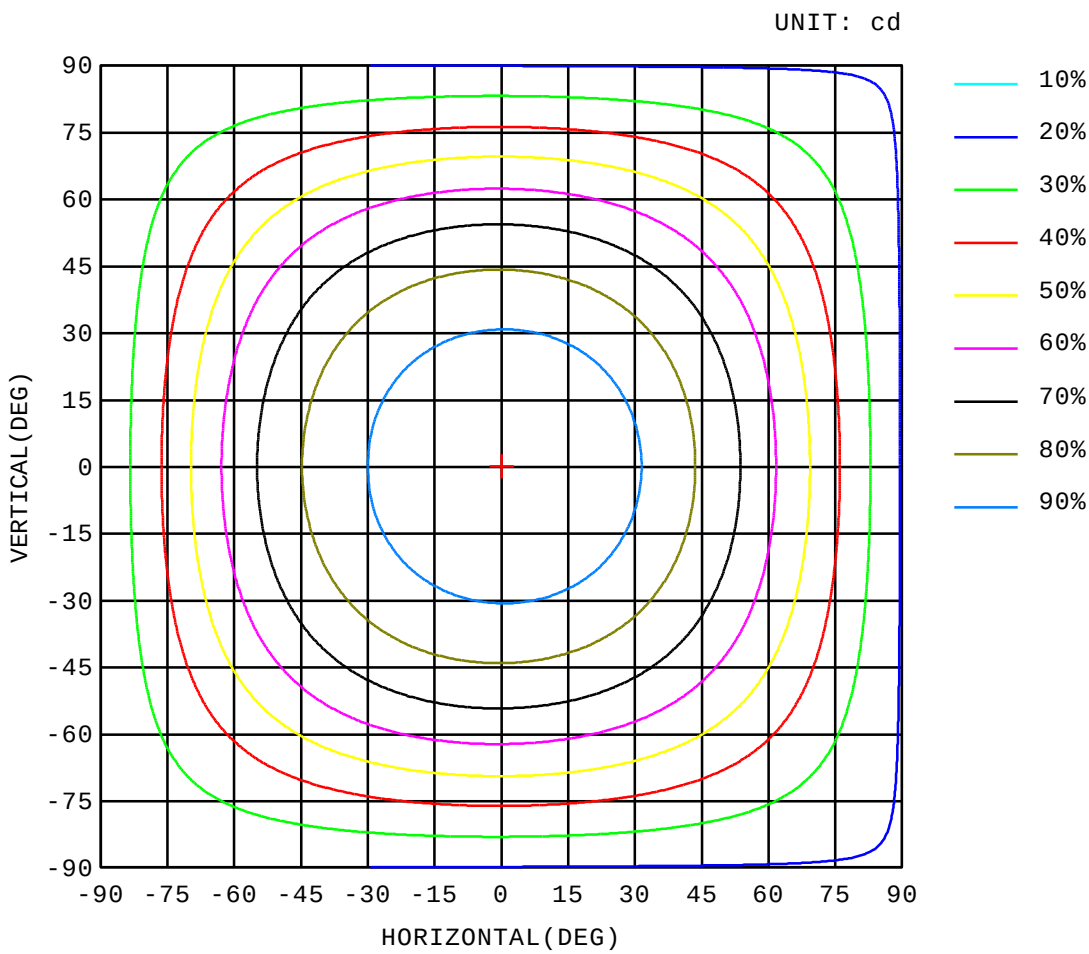
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ISOCANDELA DIAGRAM

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