

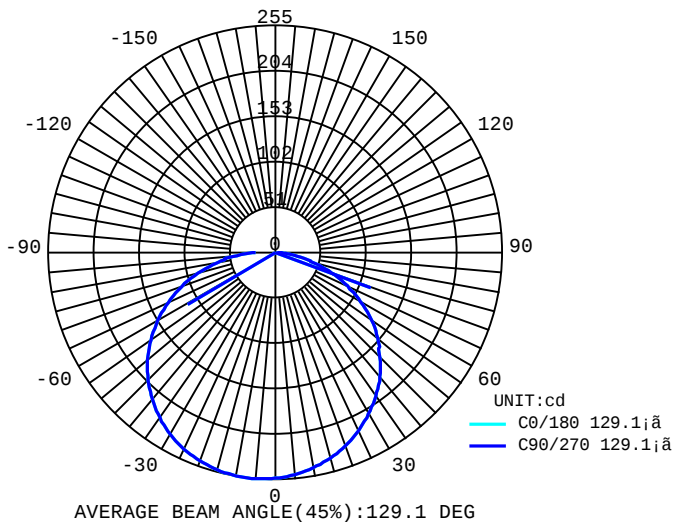
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: 5m LED strip HELMI TUNNELMA, CCT, 24V, 22W/m, IP20, CRI93	SKU: STRIP22-24V-IP20-CCT-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	254.7	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	22	TOTAL FLUX(lm)	821.54	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	69.9	Current(A)	0.490
NOMINAL FLUX(lm)	821.5	η up(%)	0.0	Power(W)	11.76
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	814.2	EI	0.181(A)

LUMINOUS INTENSITY DISTRIBUTION



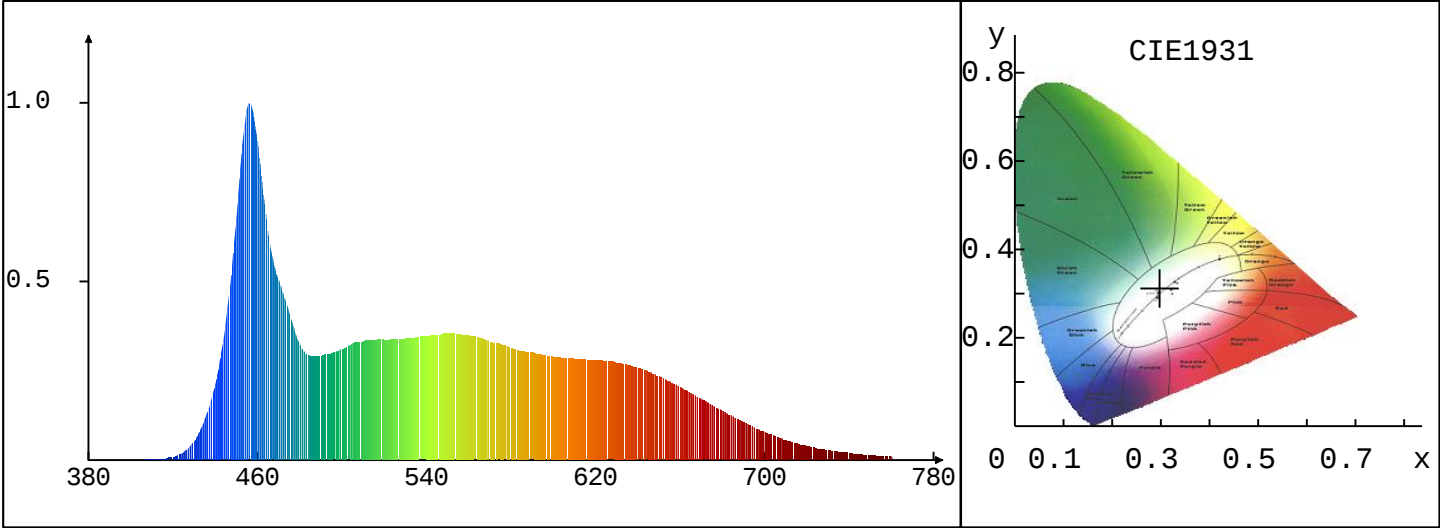
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 7669K Chro. Coord.: $x_a=0.2985$ $y_a=0.3085$ $u'_a=0.1956$ $v'_a=0.4548$ $|u'_a v'_a|=0.0003$

Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.2985$ $y=0.3086$ $u'=0.1956$ $v'=0.4549$ $duv=0.0001$

CCT: 7663K Dominant Wave: 481.9nm Purity: 13.9% Light Intensity: 453.1cd

Flux RGB Ratio: R=26.9%,G=37.3%,B=35.8% Peak Wave: 455.6nm Half Width: 22.6nm

Rendering Index: Ra= 93.3

R1 =97	R2 =98	R3 =97	R4 =88	R5 =90	R6 =90	R7 =94	R8 =93
R9 =93	R10=98	R11=91	R12=62	R13=98	R14=99	R15=92	

Instrument State

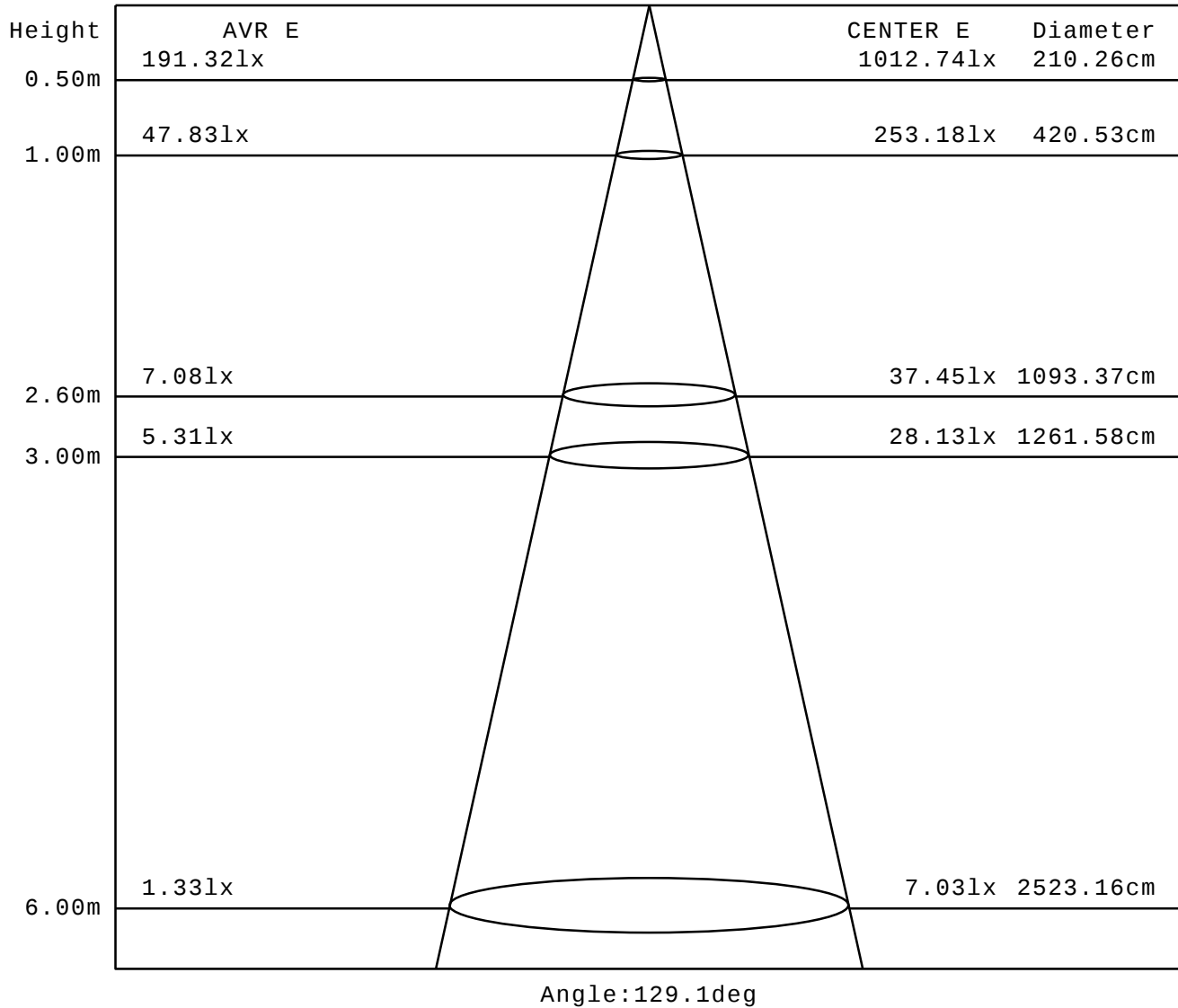
Scan Range: 380nm-780nmIntegral Time: 140.0ms Peak Signal: 140000 Dark Signal: 57111

Test System:HopooColor HP880	Test Set: 5.0deg/s	C-Gamma (TYPE C)
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Operators:	Test Distance:1.000 m	
Test Date:09-20-2024	Remarks:	

AVERAGE AND CENTER E Figure

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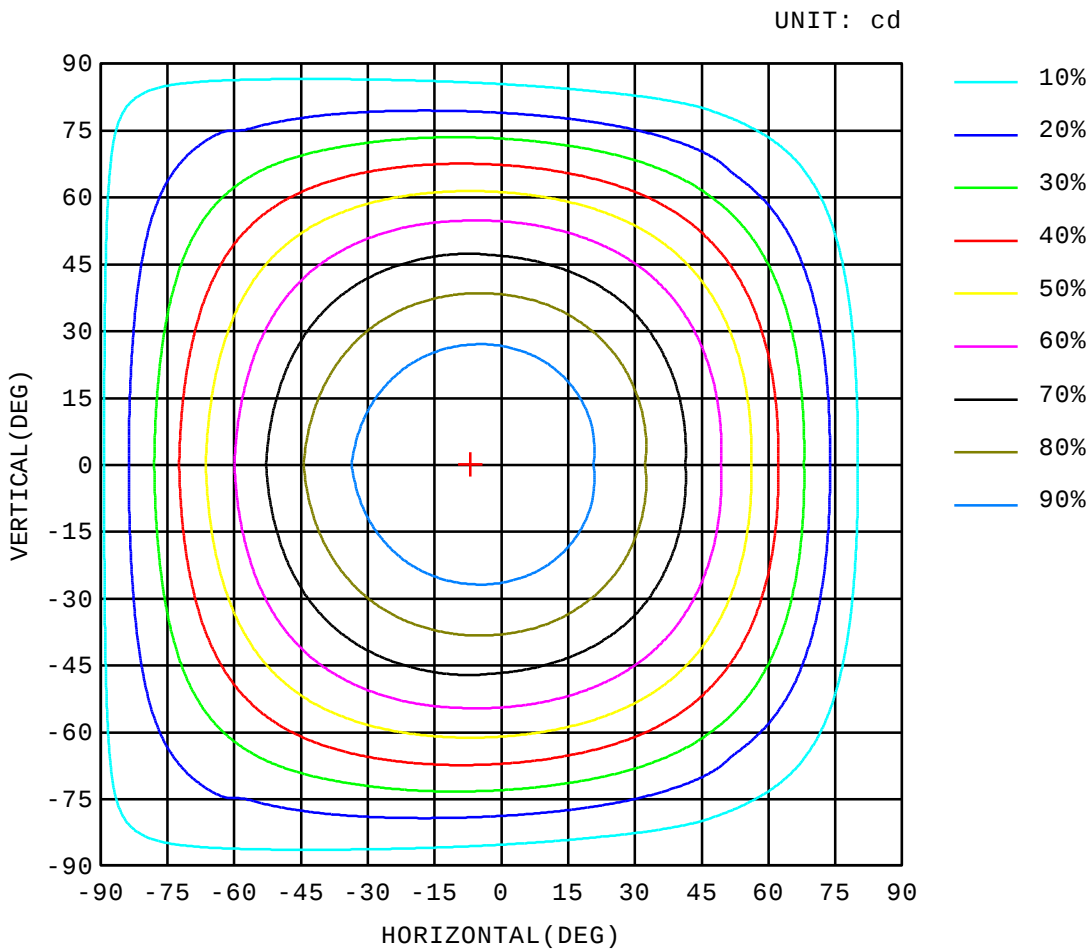
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ISOCANDELA DIAGRAM

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