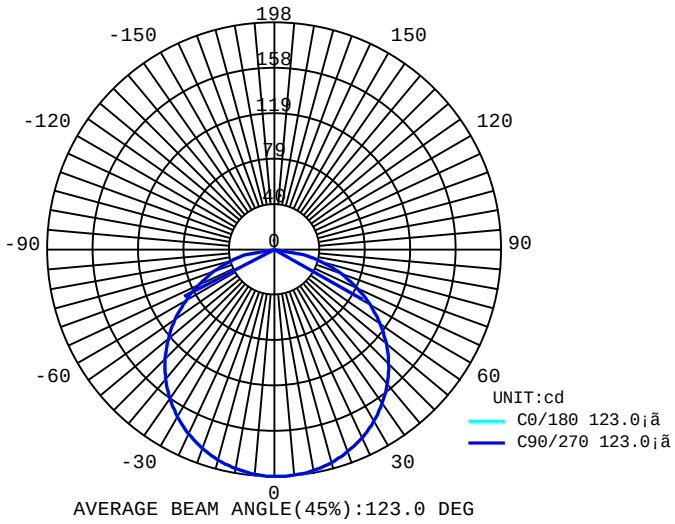
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1 cm LED strip HELMI, 3000K, 24V, 7,2w/m, IP20, CRI95	SKU: 1cm-strip-72-24v-IP20-3000-smd	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	197.5	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	7.2	TOTAL FLUX(lm)	580.03	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	75.5	Current(A)	0.320
NOMINAL FLUX(lm)	580.0	η up(%)	0.0	Power(W)	7.680
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	578.6	EEI	0.155(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):123.0 DEG

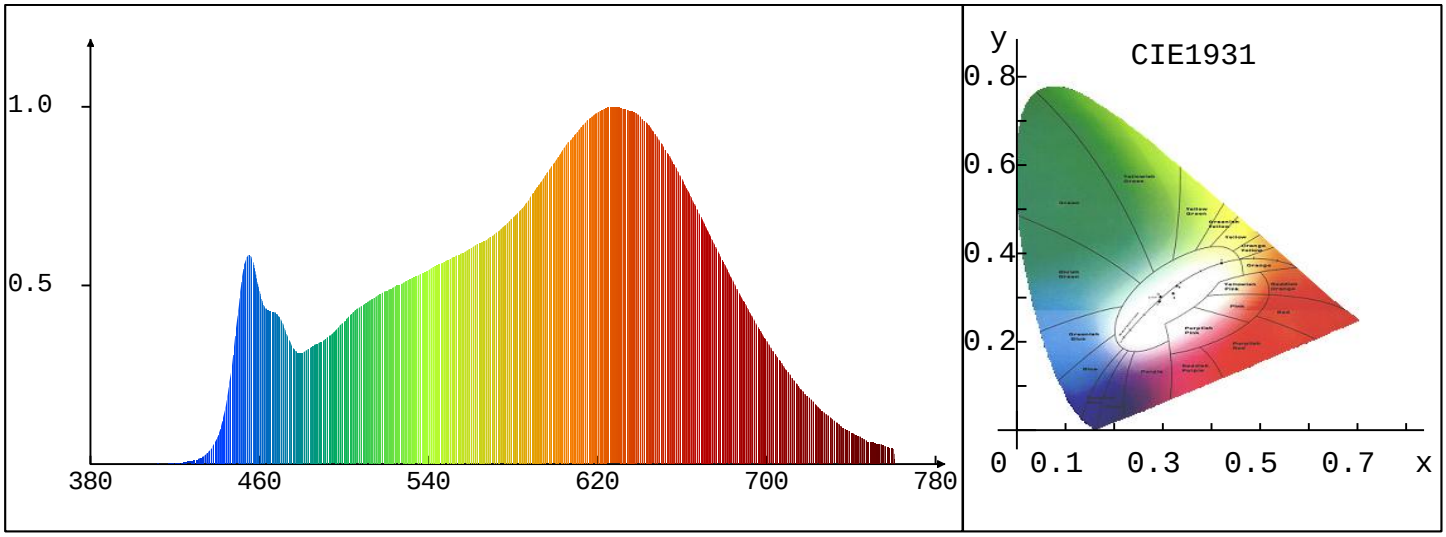
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 2993K Chro. Coor.: xa=0.4329 ya=0.3949 u'a=0.2519 v'a=0.5171 ¦¤u'v'=0.0004

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4322 y=0.3943 u'=0.2518 v'=0.5168 duv=-0.0033

CCT: 3000K Dominant Wave: 584.1nm Purity: 48.1% Light Intensity: 378.9cd

Flux RGB Ratio: R=52.0%,G=34.4%,B=13.6% Peak Wave: 627.8nm Half Width: 160.4nm

Rendering Index: Ra= 94.8

R1 =97	R2 =96	R3 =96	R4 =98	R5 =96	R6 =91	R7 =93	R8 =93
R9 =89	R10=92	R11=96	R12=81	R13=96	R14=99	R15=98	

Instrument State

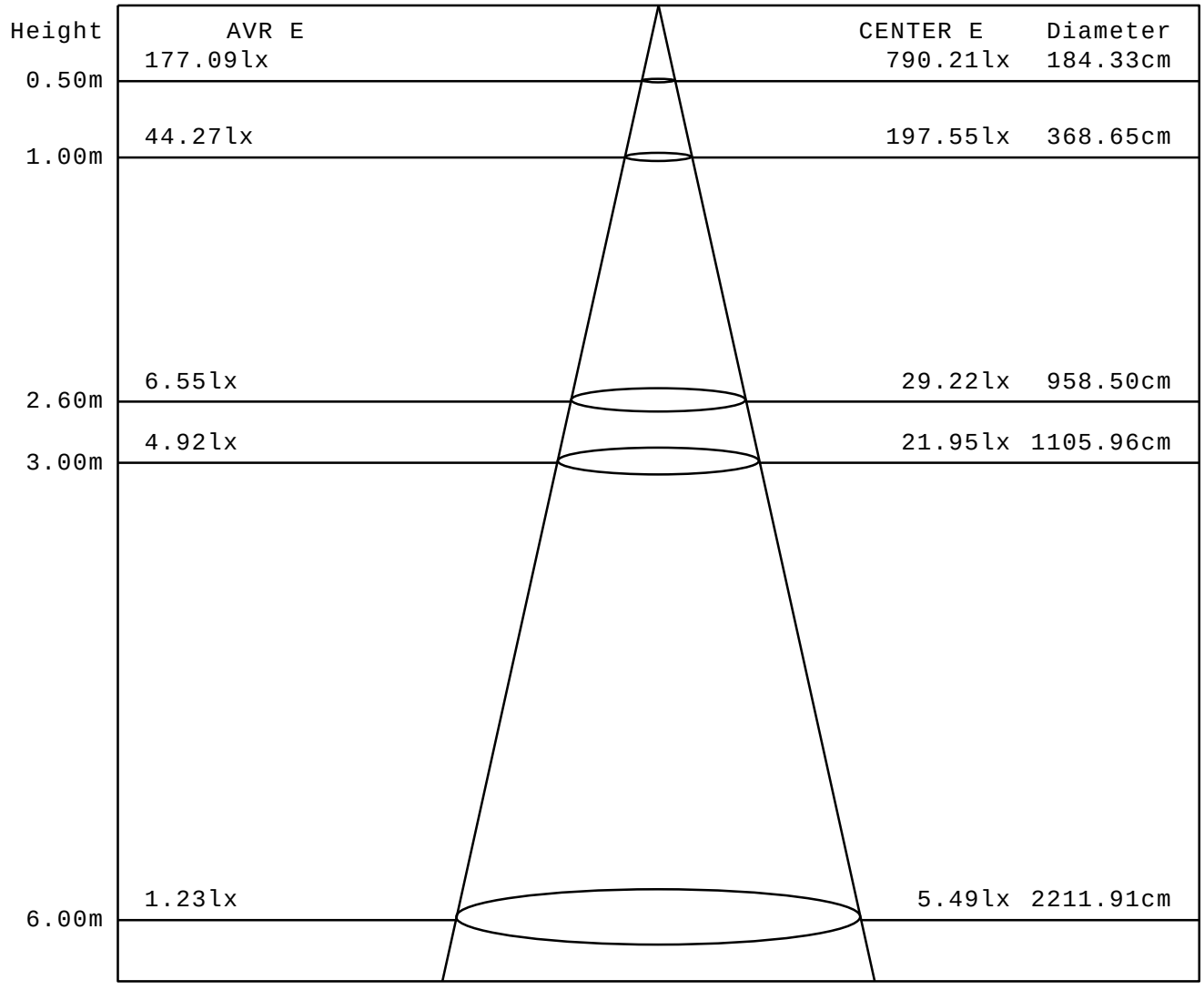
Scan Range: 380nm-780nmIntegral Time: 350.0ms Peak Signal: 350000 Dark Signal: 53791

Test System:HopooColor HP880 Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:1.000 m
Test Date:09-20-2024 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:123.0deg

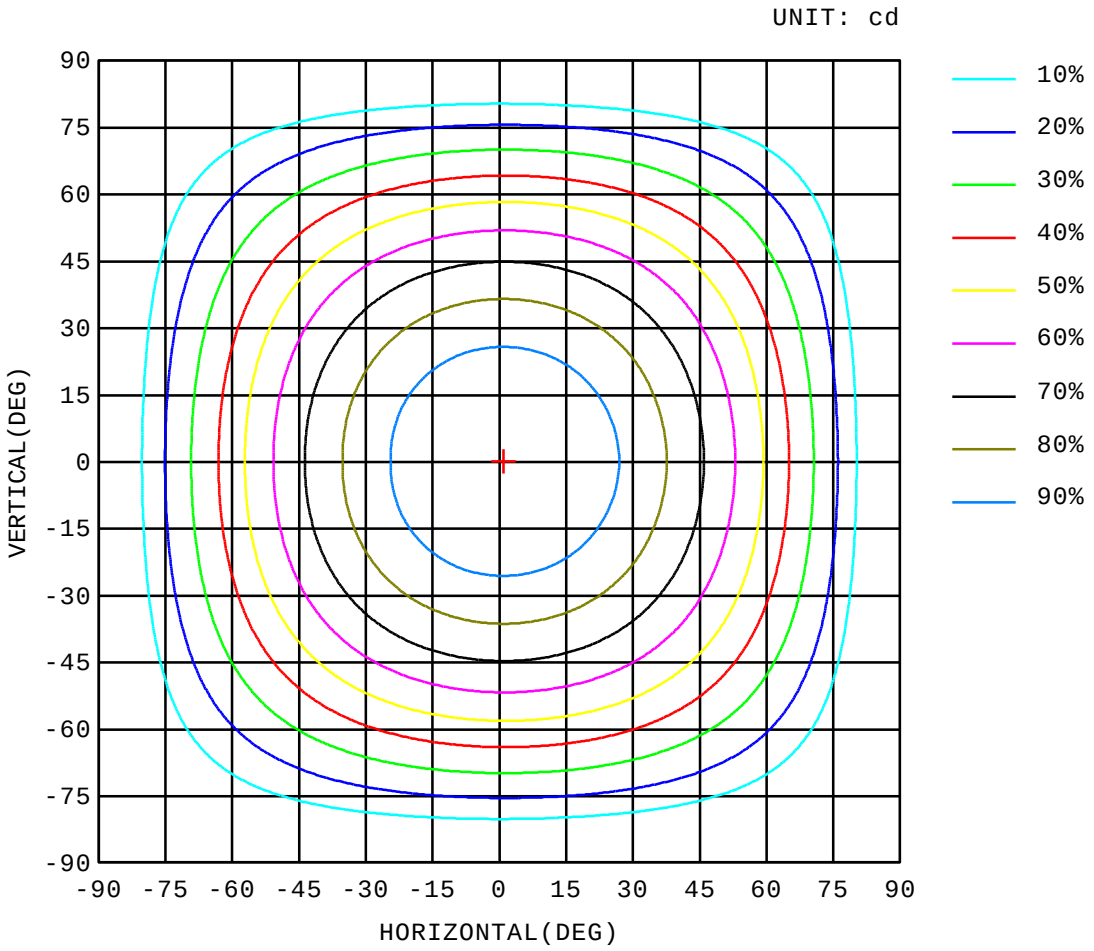
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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