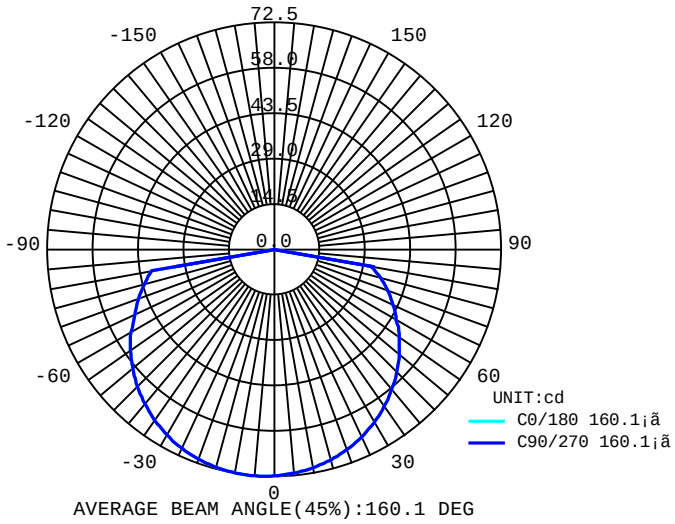
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1 cm LED strip SOLO KAMELEONTTI, RGB+W, 24V, 16W/m, IP20, CRI96	SKU: 1cm-strip-16-24v-IP20-RGBW-cob	TYPE: LED
SPECIFICATION: LED light strip, measured at neutral white	NOTES: RGB color adjustable + neutral white	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	72.50	S/MH(C0/180)	1.32
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	279.08	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	40.1	Current(A)	0.290
NOMINAL FLUX(lm)	279.1	η up(%)	0.0	Power(W)	6.960
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	279.1	EEI	0.245(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.1 DEG

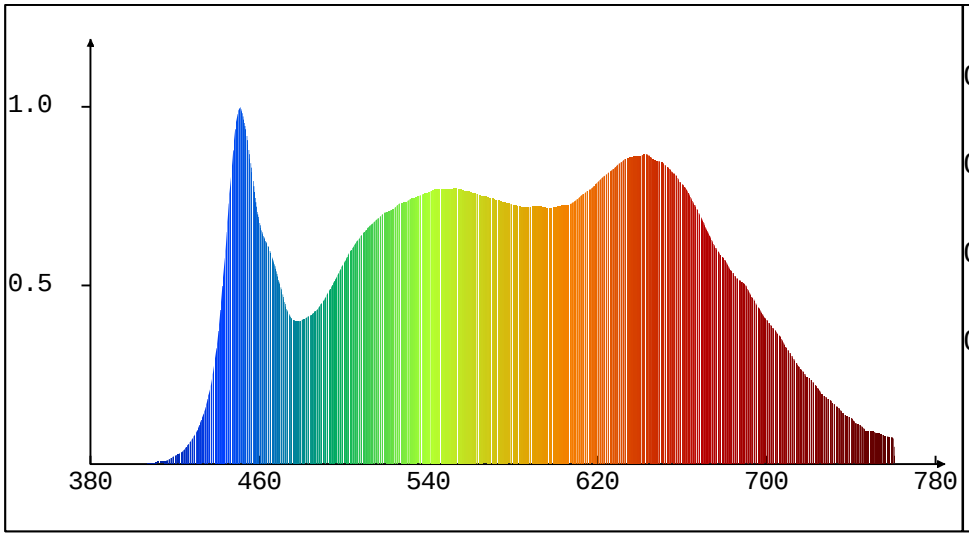
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

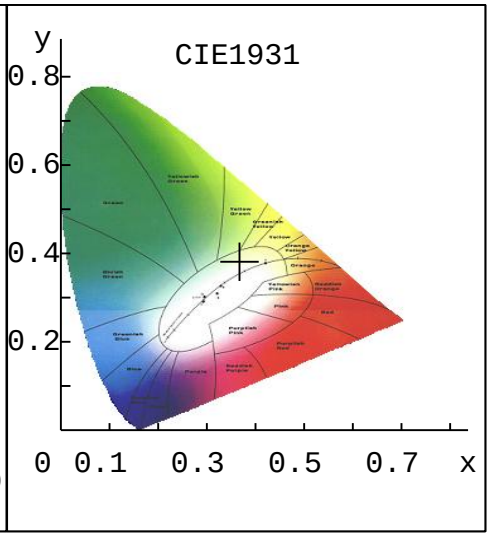
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 4347K Chro. Coor.: xa=0.3684 ya=0.3773 u'a=0.2170 v'a=0.5000 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3683 y=0.3772 u'=0.2170 v'=0.5000 duv=0.0040

CCT: 4349K Dominant Wave: 575.3nm Purity: 23.7% Light Intensity: 136.3cd

Flux RGB Ratio: R=43.5%,G=37.0%,B=19.5% Peak Wave: 449.7nm Half Width: 26.6nm

Rendering Index: Ra= 96.2

R1 =99	R2 =97	R3 =94	R4 =97	R5 =95	R6 =93	R7 =97	R8 =97
R9 =98	R10=92	R11=96	R12=72	R13=98	R14=97	R15=97	

Instrument State

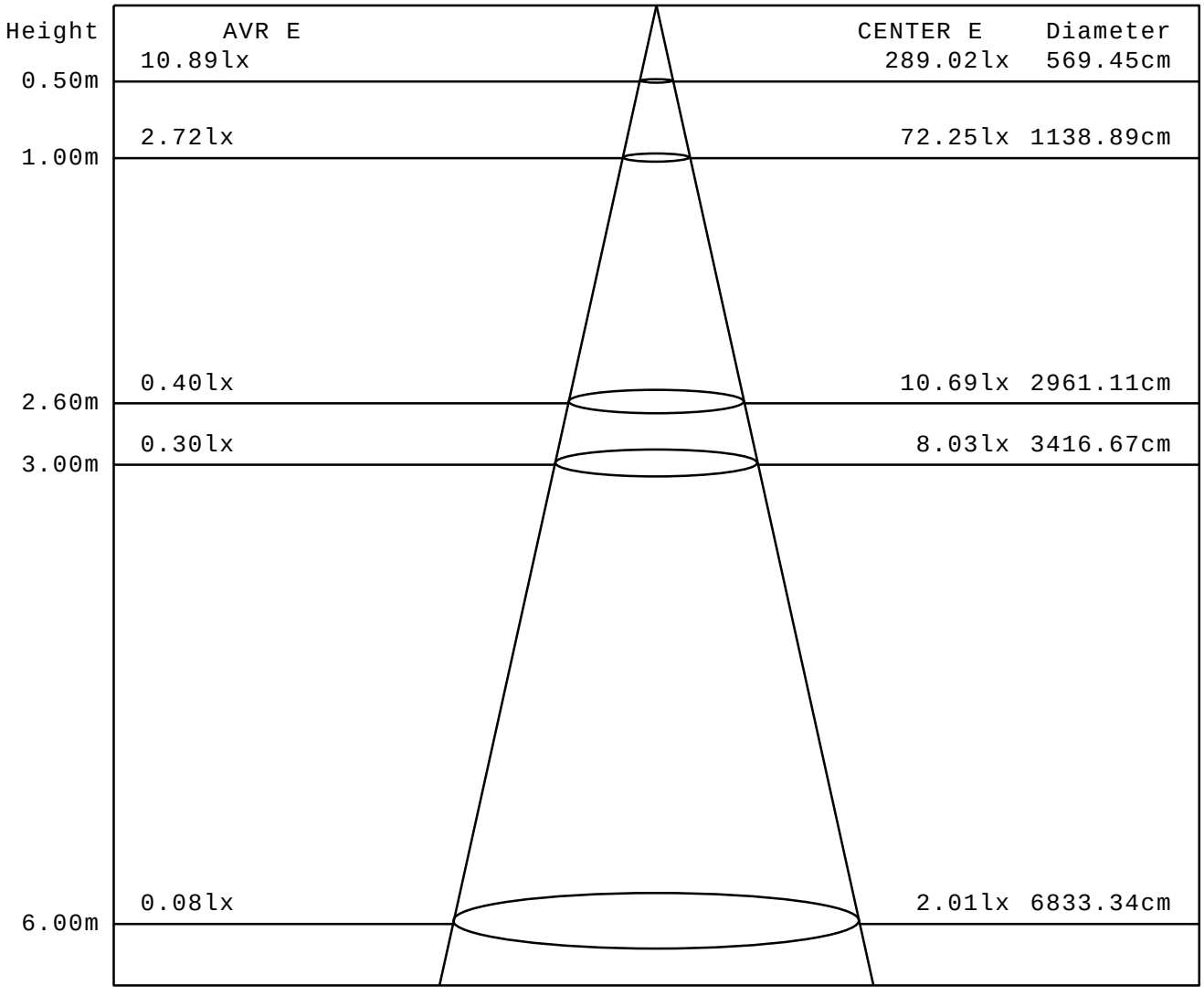
Scan Range: 380nm-780nmIntegral Time: 990.0ms Peak Signal: 990000 Dark Signal: 54558

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		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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SPECIFICATION: LED light strip, measured at neutral white	NOTES: RGB color adjustable + neutral white	MEASURED BY: Lamppukauppa Led Store Oy



Angle:160.1deg

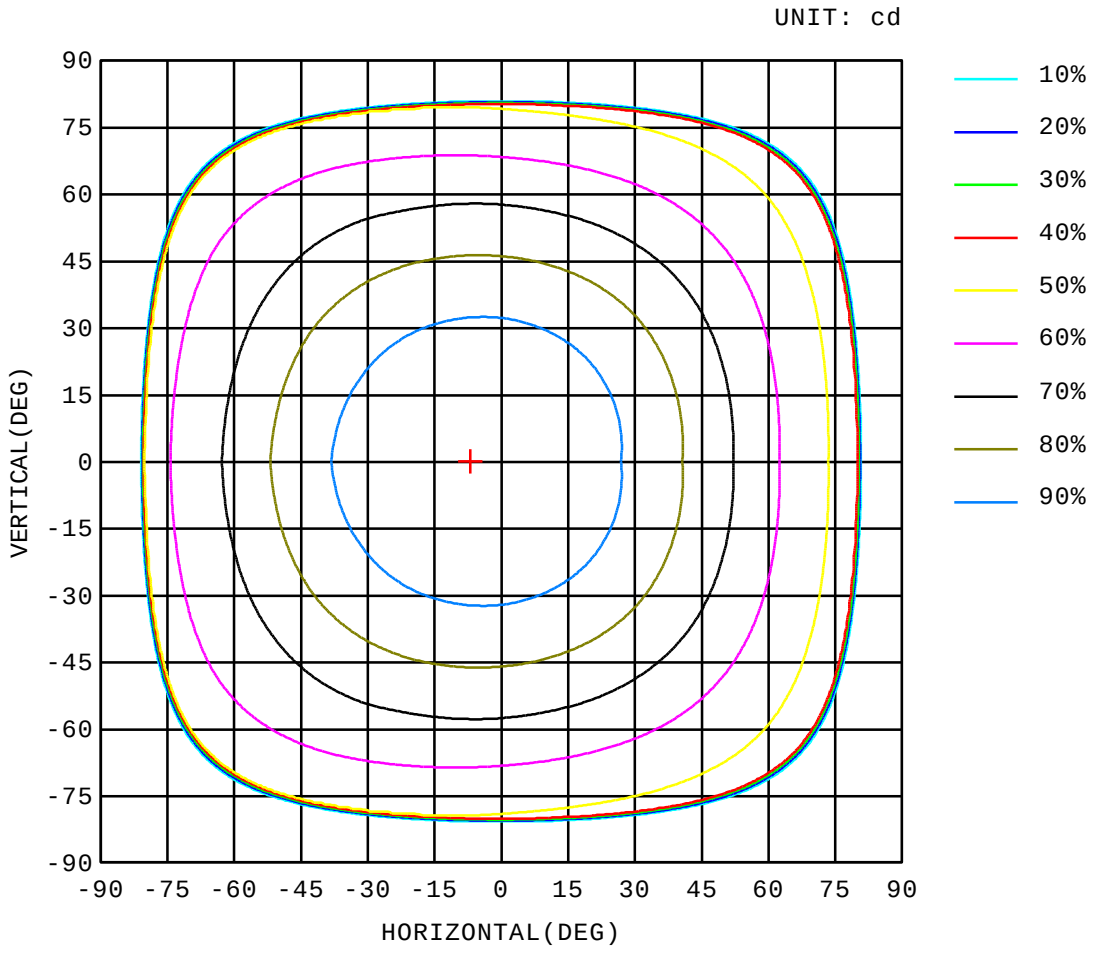
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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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: