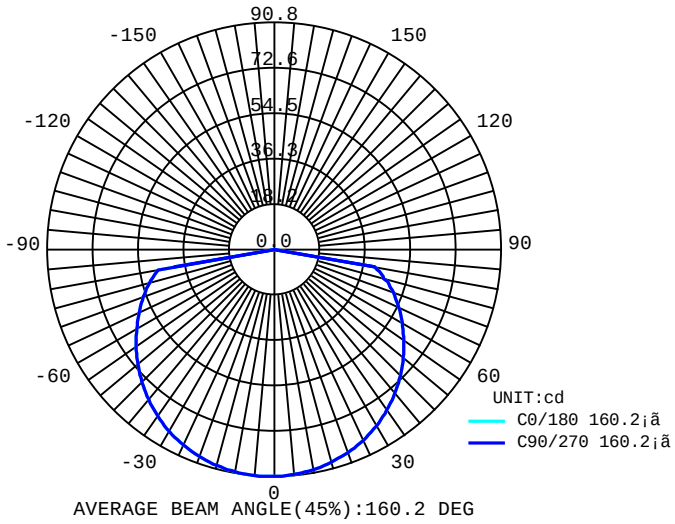
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1 cm LED nauha SOLO SPEKTRI, RGB+CCT, 24V, 19W/m, IP20, CRI90	SKU: 1cm-strip-19-24v-IP20-RGBCCT-cob	TYPE: LED
SPECIFICATION: LED light strip, measured at the cool end of the color temperature range	NOTES: Color temperature and RGB adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	90.80	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	19	TOTAL FLUX(lm)	349.18	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	48.5	Current(A)	0.300
NOMINAL FLUX(lm)	349.2	η up(%)	0.0	Power(W)	7.200
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	349.2	EEI	0.215(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.2 DEG

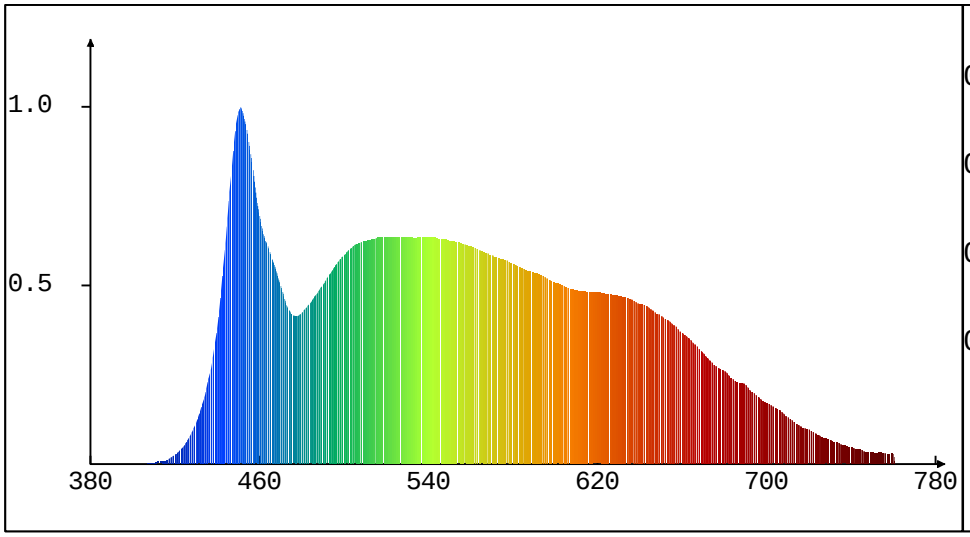
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

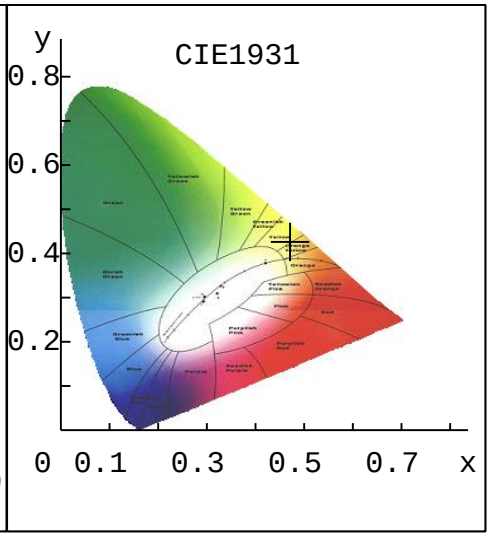
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 5856K Chro. Coor.: xa=0.3237 ya=0.3597 u'a=0.1941 v'a=0.4854 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3237 y=0.3597 u'=0.1942 v'=0.4854 duv=0.0131

CCT: 5854K Dominant Wave: 531.0nm Purity: 5.6% Light Intensity: 173.6cd

Flux RGB Ratio: R=30.4%,G=41.8%,B=27.8% Peak Wave: 449.7nm Half Width: 27.3nm

Rendering Index: Ra= 90.5

R1 =88	R2 =93	R3 =98	R4 =87	R5 =87	R6 =90	R7 =96	R8 =85
R9 =54	R10=85	R11=88	R12=69	R13=89	R14=99	R15=84	

Instrument State

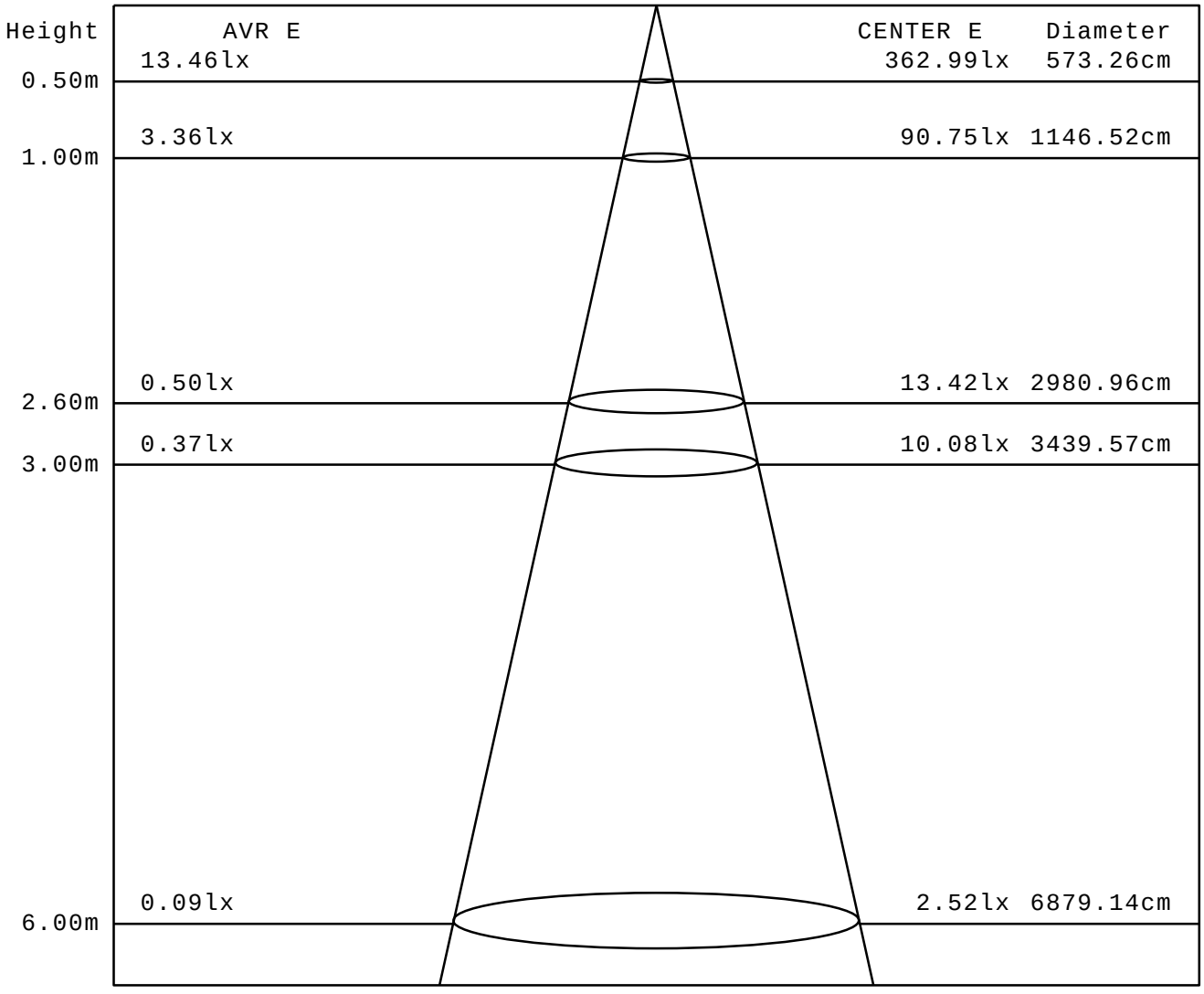
Scan Range: 380nm-780nmIntegral Time: 620.0ms Peak Signal: 620000 Dark Signal: 55181

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, measured at the cool end of the color temperature range	NOTES: Color temperature and RGB adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:160.2deg

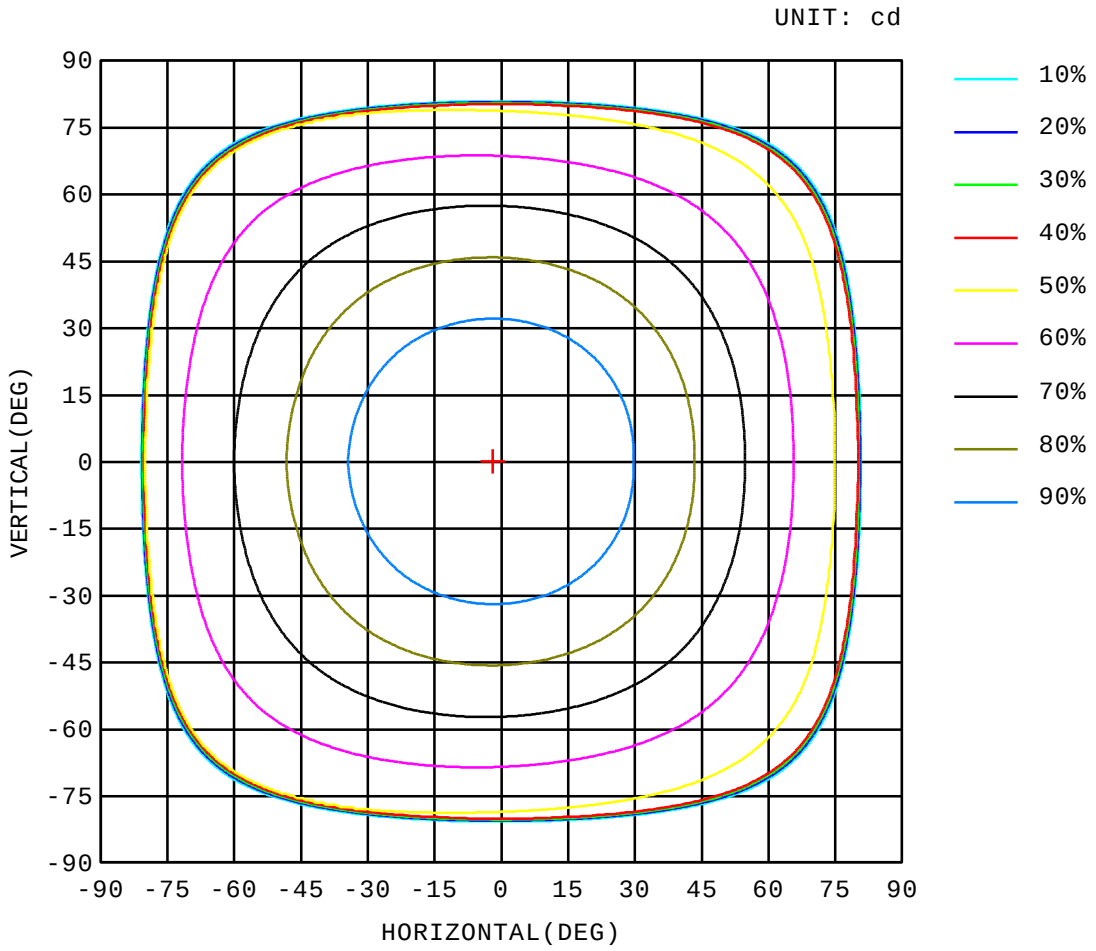
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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
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