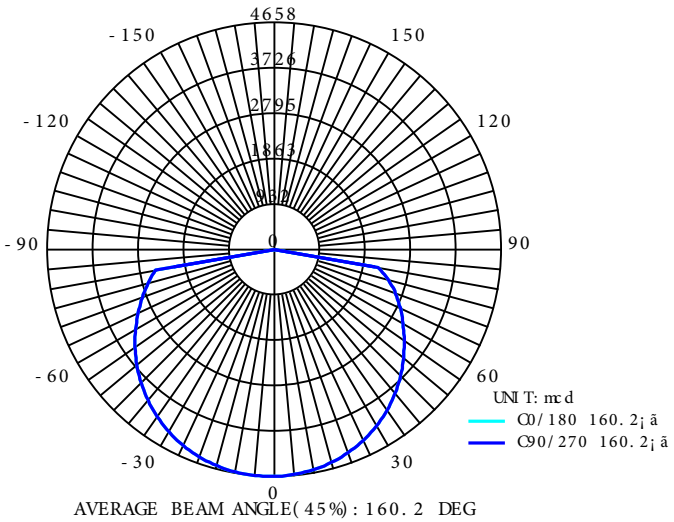
LUMINAIRE PHOTOMETRIC TEST REPORT

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 blue color	NOTES: RGB color adjustable + neutral white	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(mcd)	4658	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	18.037	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	6.3	Current(A)	0.120
NOMINAL FLUX(lm)	18.0	η up(%)	0.0	Power(W)	2.880
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	18.0	EEI	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%): 160.2 DEG

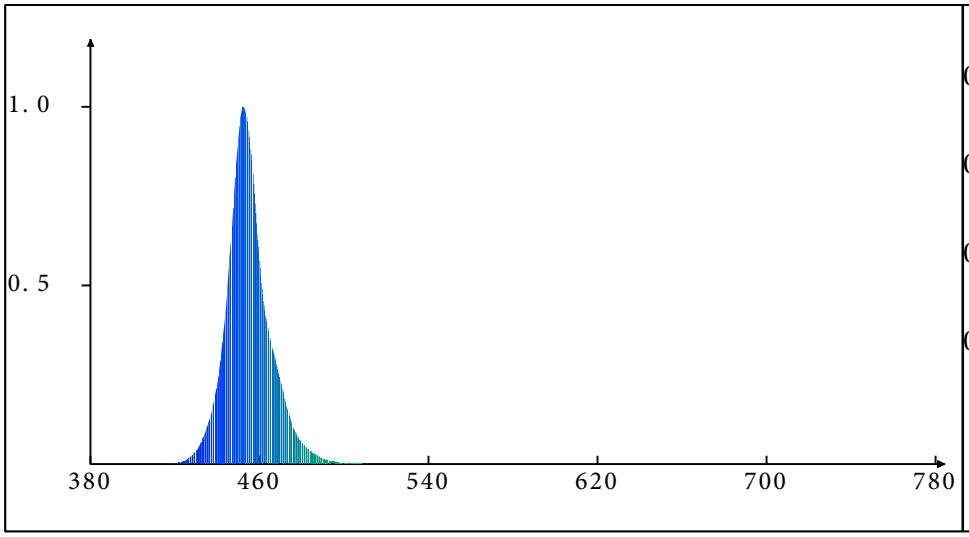
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

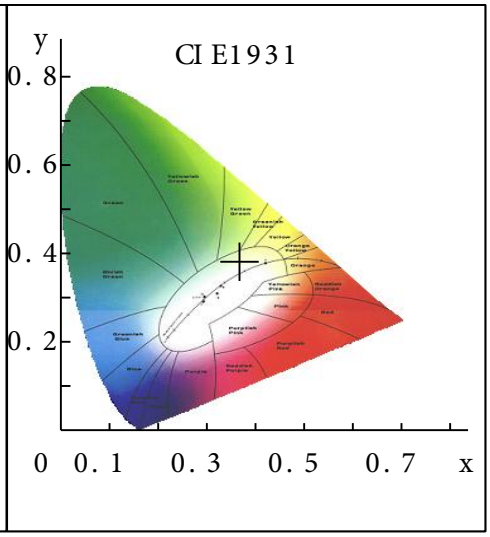
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 100000K Chro. Coor.: xa=0.1508 ya=0.0256 u'a=0.2006 v'a=0.0766 ¦¤u'v'=0.0002

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.1508 y=0.0256 u'=0.2006 v'=0.0766 duv=-0.0726

CCT: 100000K Dominant Wave: 456.0nm Purity: 99.5% Light Intensity: 9.7cd

Flux RGB Ratio: R=0.0%,G=0.2%,B=99.8% Peak Wave: 451.5nm Half Width: 16.1nm

Rendering Index: Ra=-72.5

R1 =-21	R2 =-76	R3 =-100	R4 =-97	R5 =-10	R6 =-85	R7 =-70	R8 =-43
R9 =-100	R10=-100	R11=-100	R12=-100	R13=-51	R14=-46	R15=-7	

Instrument State

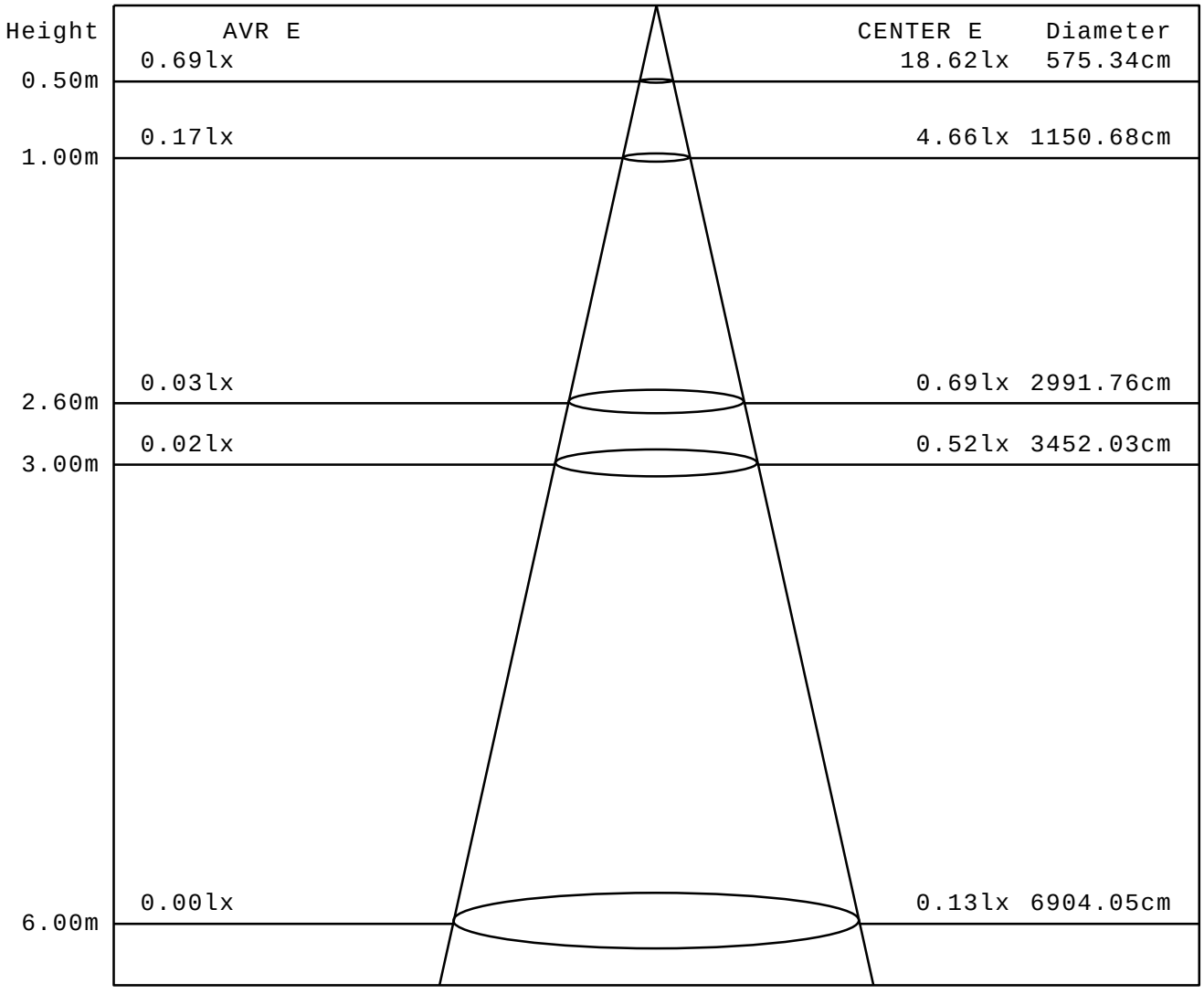
Scan Range: 380nm-780nmIntegral Time: 190.0ms Peak Signal: 190000 Dark Signal: 55646

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 blue color	NOTES: RGB color adjustable + neutral white	MEASURED BY: Lamppukauppa Led Store Oy



Angle:160.3deg

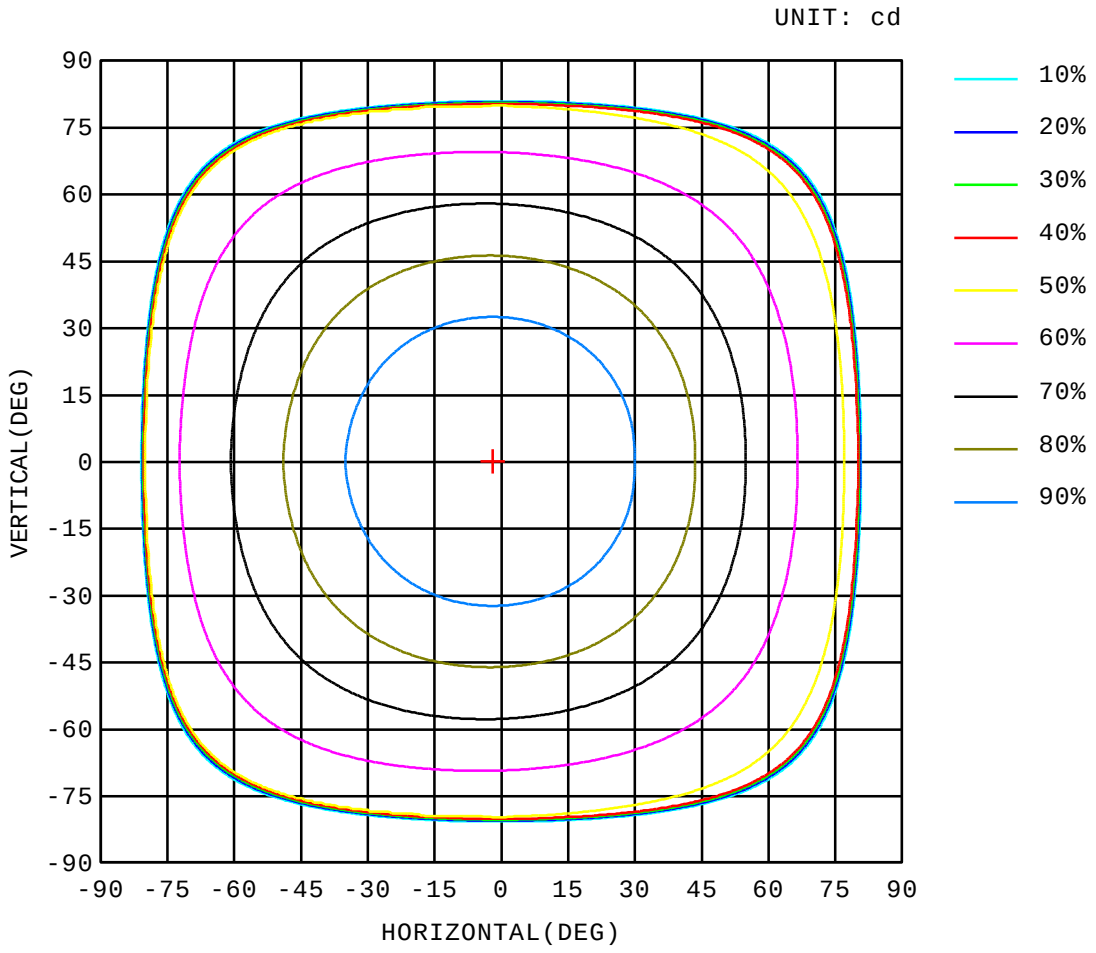
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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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%
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Remarks: