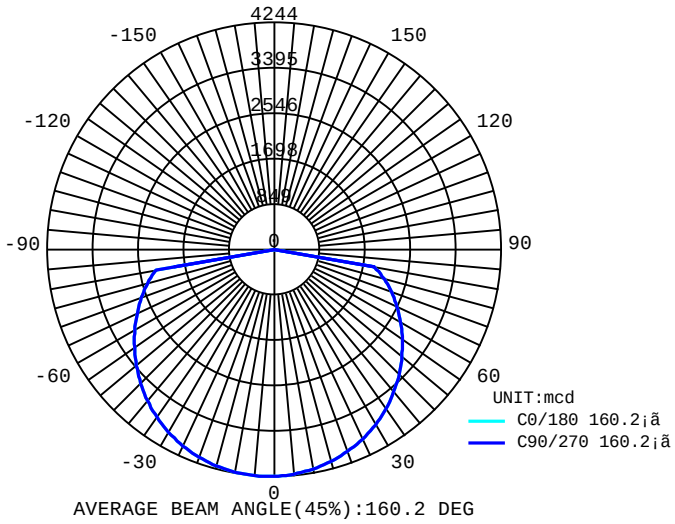
LUMINAIRE PHOTOMETRIC TEST REPORT

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 blue color	NOTES: Color temperature and RGB adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(mcd)	4244	S/MH(C0/180)	1.33
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	19	TOTAL FLUX(lm)	16.331	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	5.2	Current(A)	0.130
NOMINAL FLUX(lm)	16.3	η up(%)	0.0	Power(W)	3.120
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	16.3	EEI	0.716(C)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.2 DEG

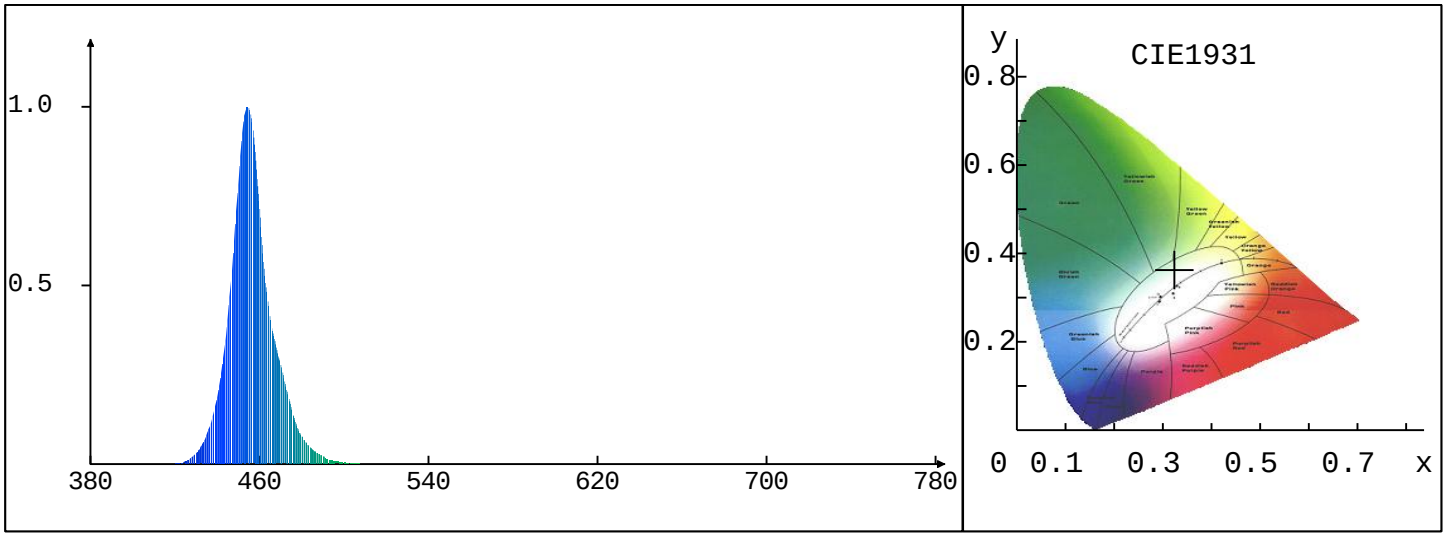
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 100000K Chro. Coor.: xa=0.1489 ya=0.0278 u'a=0.1963 v'a=0.0824 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.1489 y=0.0278 u'=0.1963 v'=0.0824 duv=-0.0674

CCT: 100000K Dominant Wave: 457.4nm Purity: 99.4% Light Intensity: 11.6cd

Flux RGB Ratio: R=0.0%,G=0.1%,B=99.8% Peak Wave: 453.3nm Half Width: 16.8nm

Rendering Index: Ra=-72.1

R1 =-23	R2 =-78	R3 =-100	R4 =-95	R5 =-8	R6 =-83	R7 =-68	R8 =-42
R9 =-100	R10=-100	R11=-100	R12=-100	R13=-54	R14=-47	R15=-9	

Instrument State

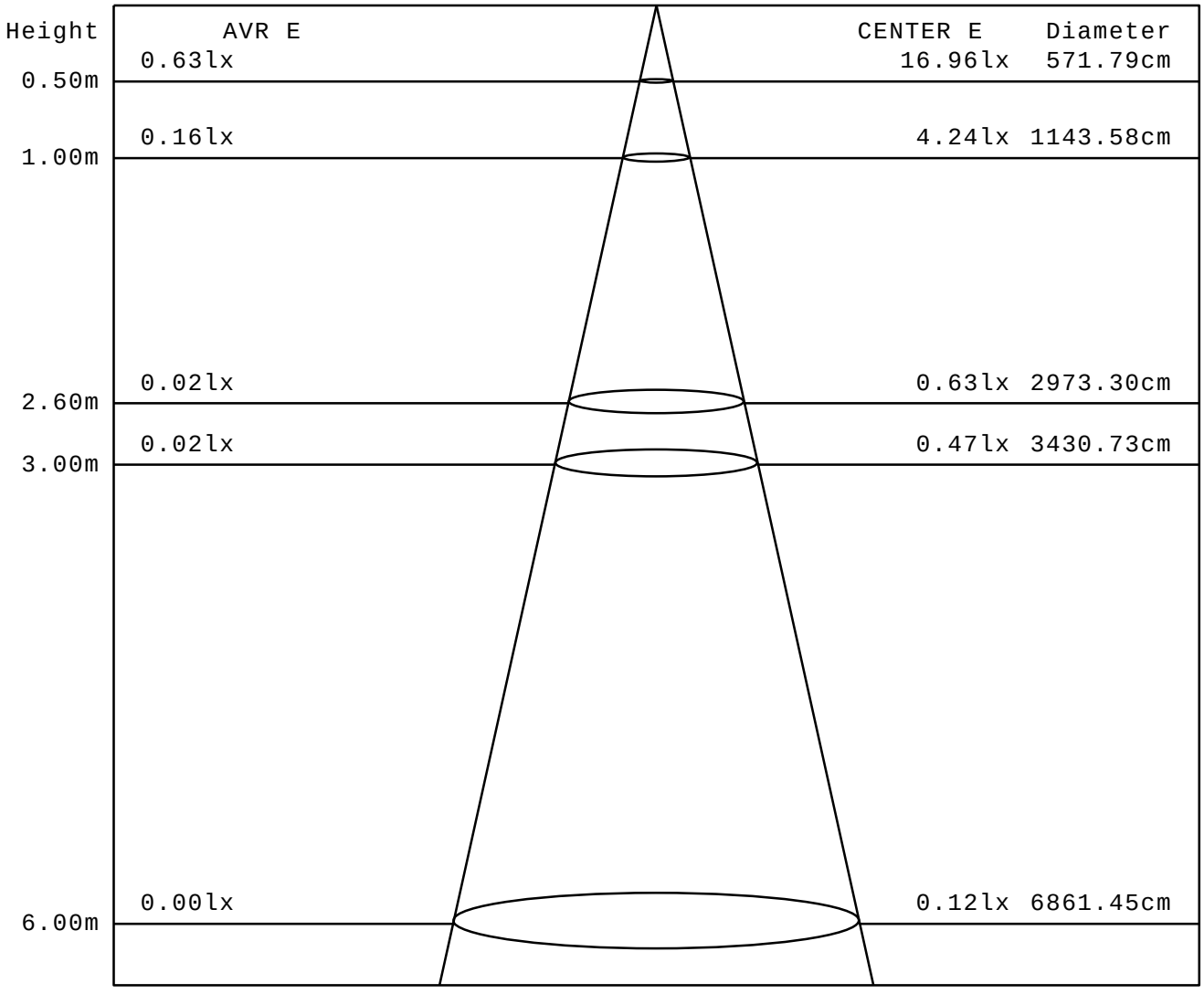
Scan Range: 380nm-780nmIntegral Time: 170.0ms Peak Signal: 170000 Dark Signal: 52545

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:

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Angle:160.2deg

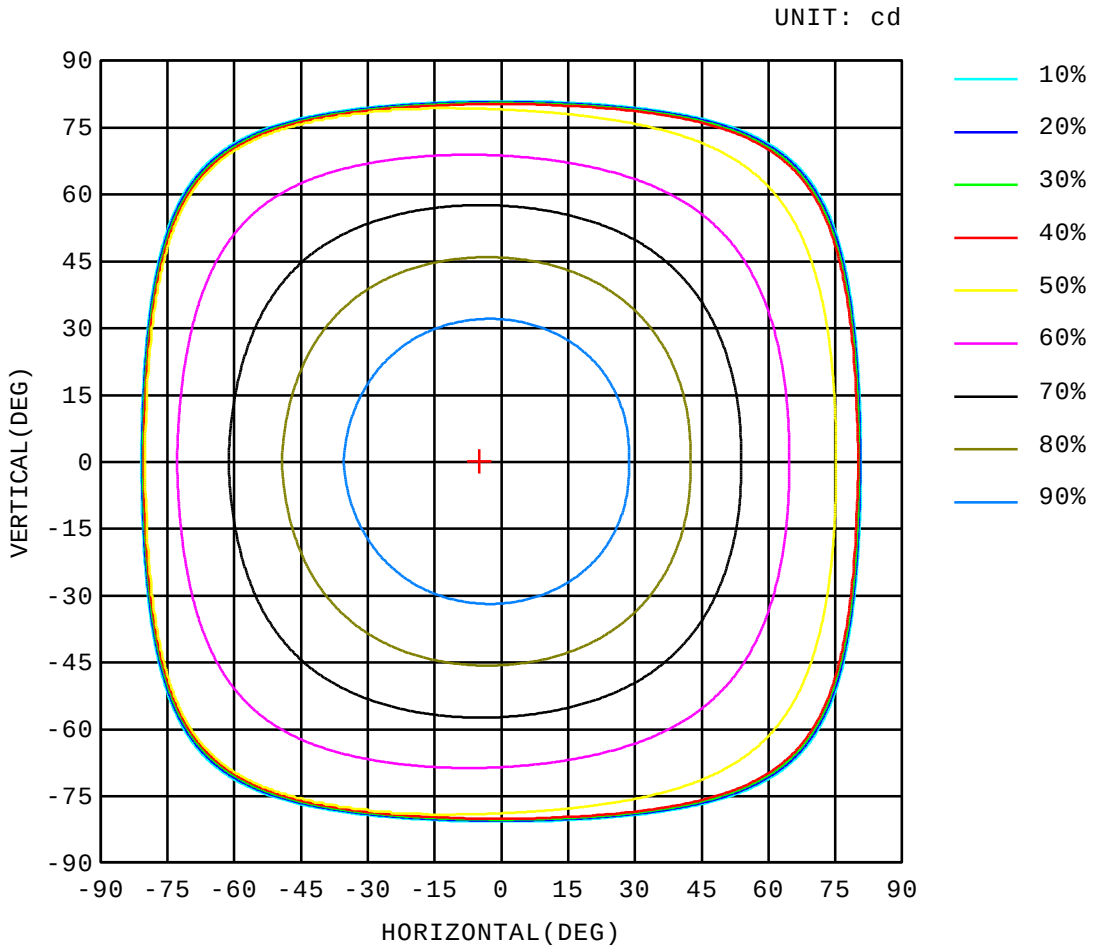
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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