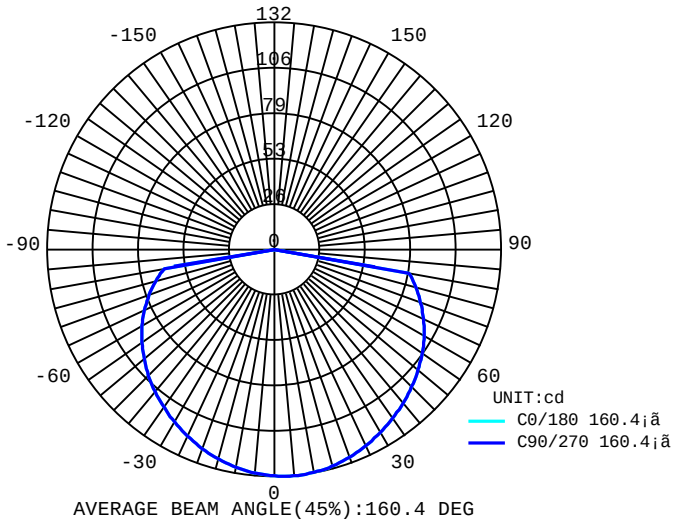
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED strip slim SOLO TUNNELMA, CCT, 24V, 14,4W/M, IP65, CRI93	SKU: 1cm-strip-144-24v-ip65-cct-cob-slim	TYPE: LED
SPECIFICATION: LED light strip, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	131.9	S/MH(C0/180)	1.41
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.41
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	526.38	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	78.3	Current(A)	0.280
NOMINAL FLUX(lm)	526.4	η up(%)	0.0	Power(W)	6.720
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	526.4	EEI	0.146(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.4 DEG

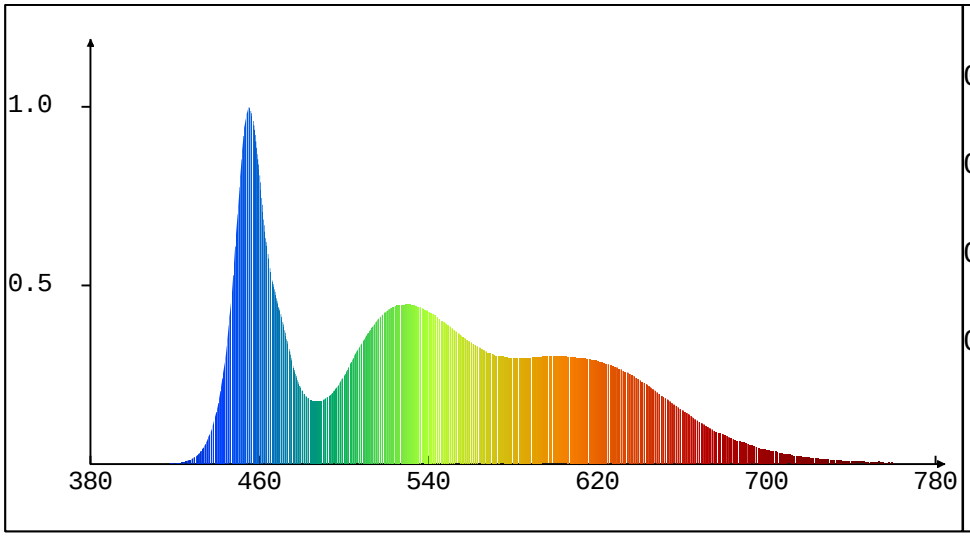
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

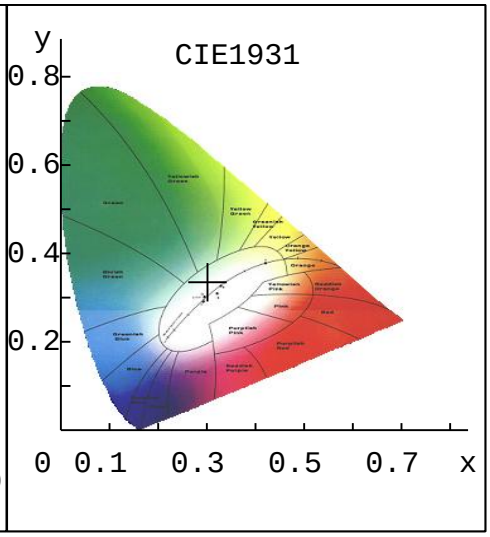
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 7064K Chro. Coor.: xa=0.3021 ya=0.3318 u'a=0.1895 v'a=0.4683 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3021 y=0.3317 u'=0.1895 v'=0.4682 duv=0.0100

CCT: 7068K Dominant Wave: 491.1nm Purity: 10.7% Light Intensity: 234.9cd

Flux RGB Ratio: R=24.1%,G=43.4%,B=32.5% Peak Wave: 454.0nm Half Width: 19.2nm

Rendering Index: Ra= 89.9

R1 =91	R2 =92	R3 =91	R4 =89	R5 =88	R6 =88	R7 =96	R8 =86
R9 =56	R10=79	R11=87	R12=52	R13=92	R14=95	R15=88	

Instrument State

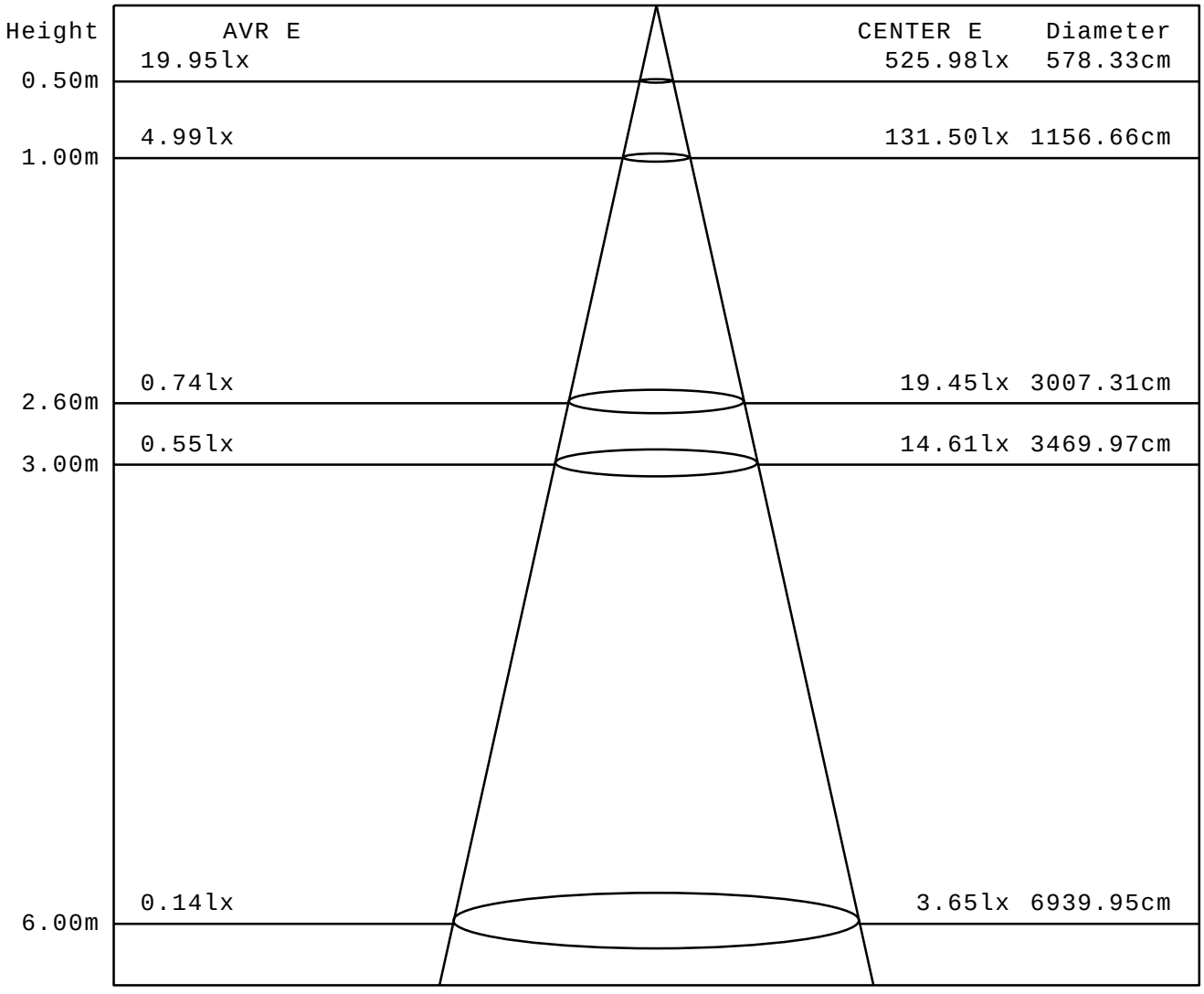
Scan Range: 380nm-780nmIntegral Time: 270.0ms Peak Signal: 270000 Dark Signal: 53739

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 the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:160.4deg

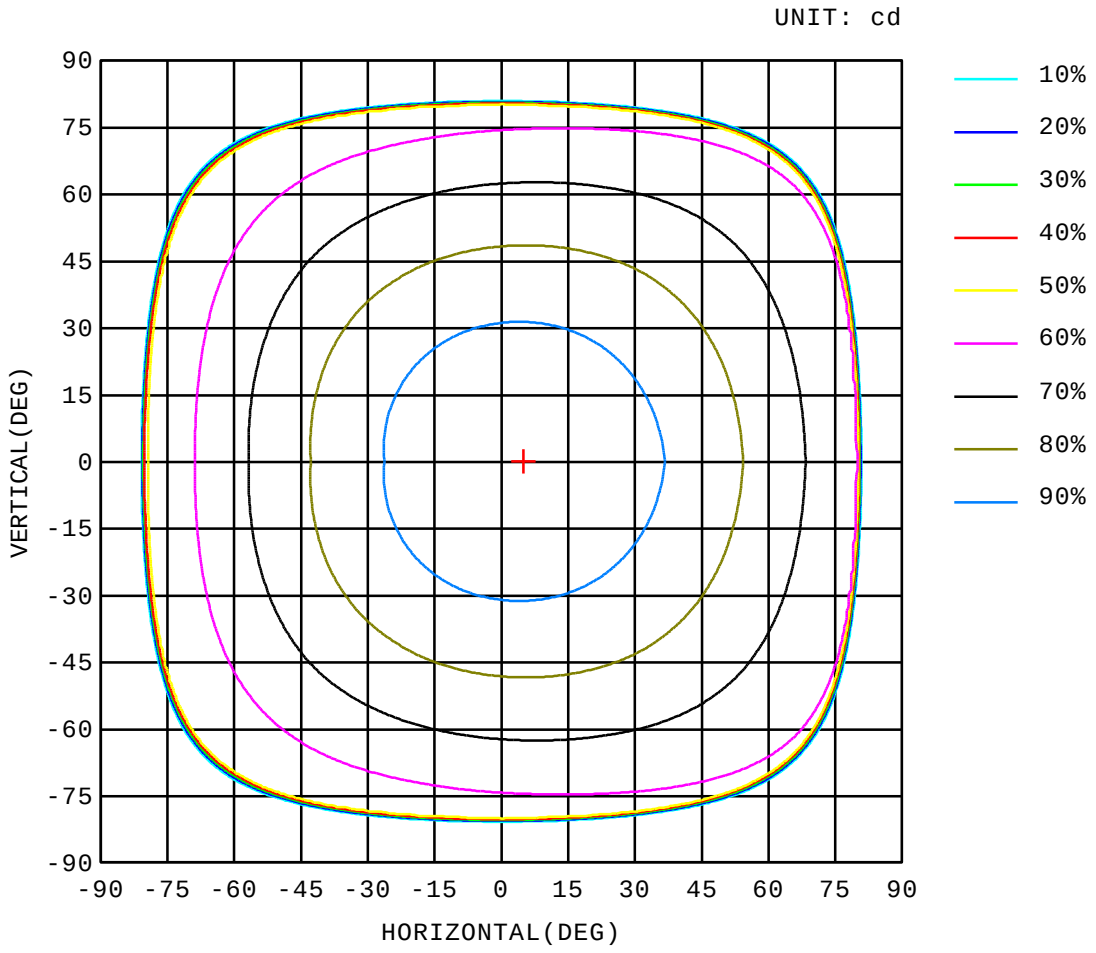
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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