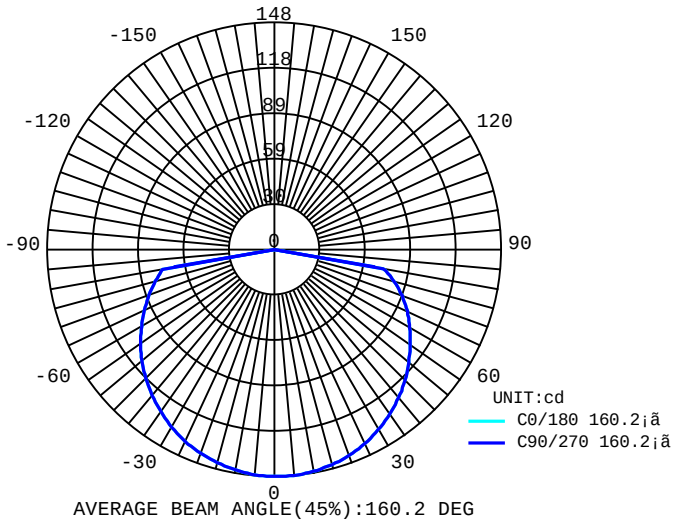
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED light strip SOLO, cut anywhere, 3000K, 24V, 14W/m, IP20, CRI97	SKU: 1cm-strip-14-24v-IP20-3000-cob-cutanywhere	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color, can be cut in any length	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	147.9	S/MH(C0/180)	1.37
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.37
NOMINAL POWER(W)	14	TOTAL FLUX(lm)	572.01	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	42.6	Current(A)	0.560
NOMINAL FLUX(lm)	572.0	η up(%)	0.0	Power(W)	13.44
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	572.0	EEI	0.274(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.2 DEG

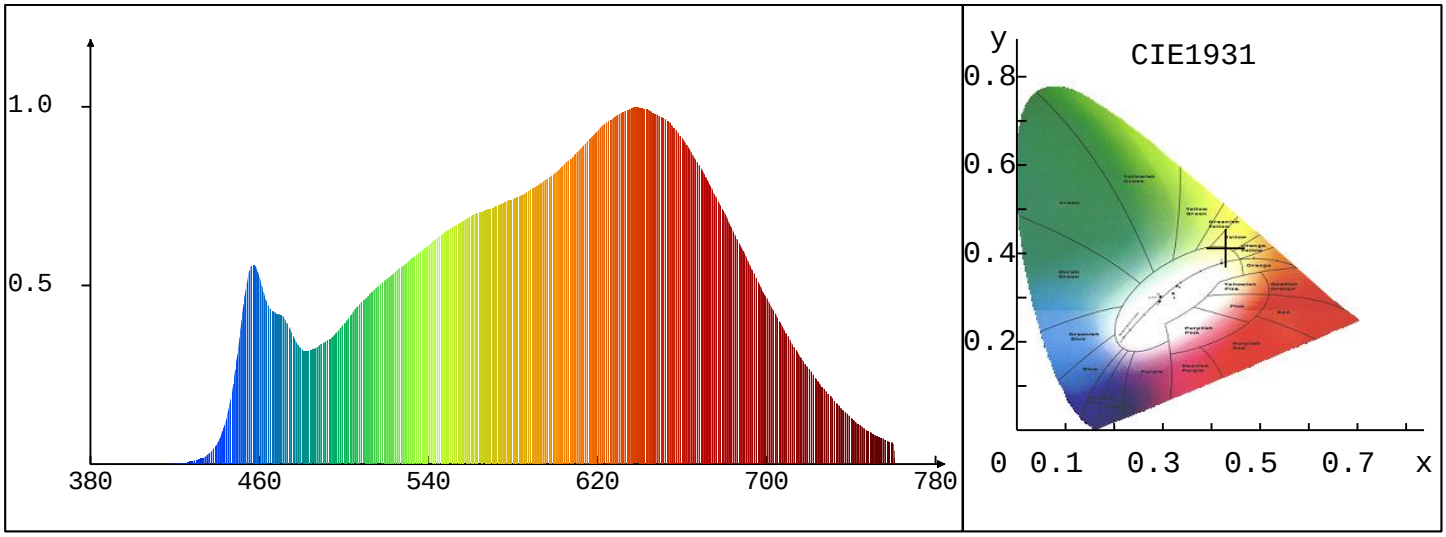
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3141K Chro. Coor.: xa=0.4305 ya=0.4076 u'a=0.2449 v'a=0.5218 ¦¤u'v'=0.0002

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4302 y=0.4075 u'=0.2448 v'=0.5217 duv=0.0024

CCT: 3145K Dominant Wave: 581.4nm Purity: 51.4% Light Intensity: 289.4cd

Flux RGB Ratio: R=53.3%,G=34.5%,B=12.2% Peak Wave: 636.8nm Half Width: 180.6nm

Rendering Index: Ra= 96.8

R1 =98	R2 =99	R3 =98	R4 =95	R5 =96	R6 =98	R7 =95	R8 =95
R9 =91	R10=97	R11=96	R12=77	R13=99	R14=98	R15=96	

Instrument State

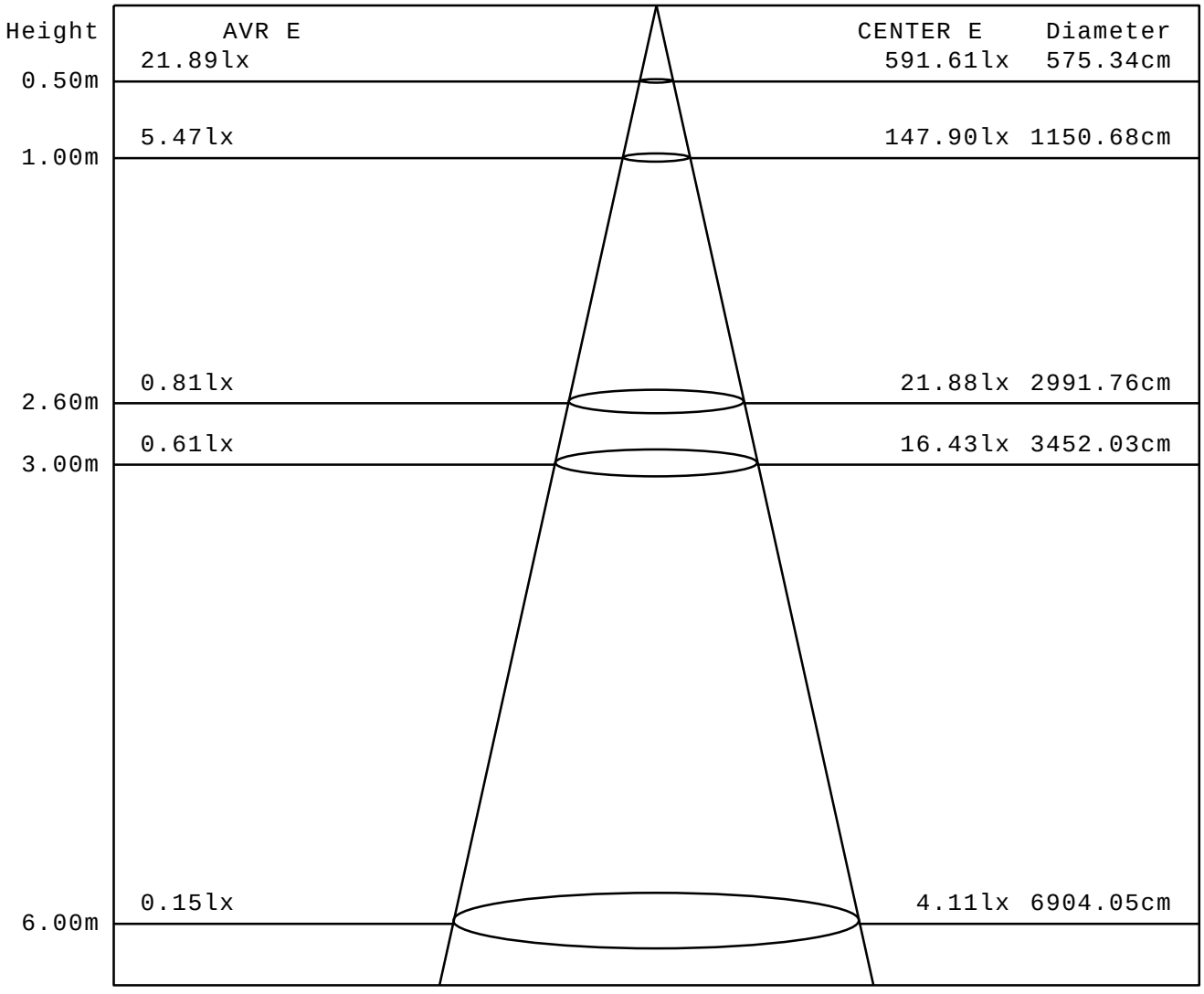
Scan Range: 380nm-780nmIntegral Time: 2600.0msPeak Signal: 530000 Dark Signal: 57000

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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SPECIFICATION: LED light strip	NOTES: Single color, can be cut in any length	MEASURED BY: Lamppukauppa Led Store Oy



Angle:160.3deg

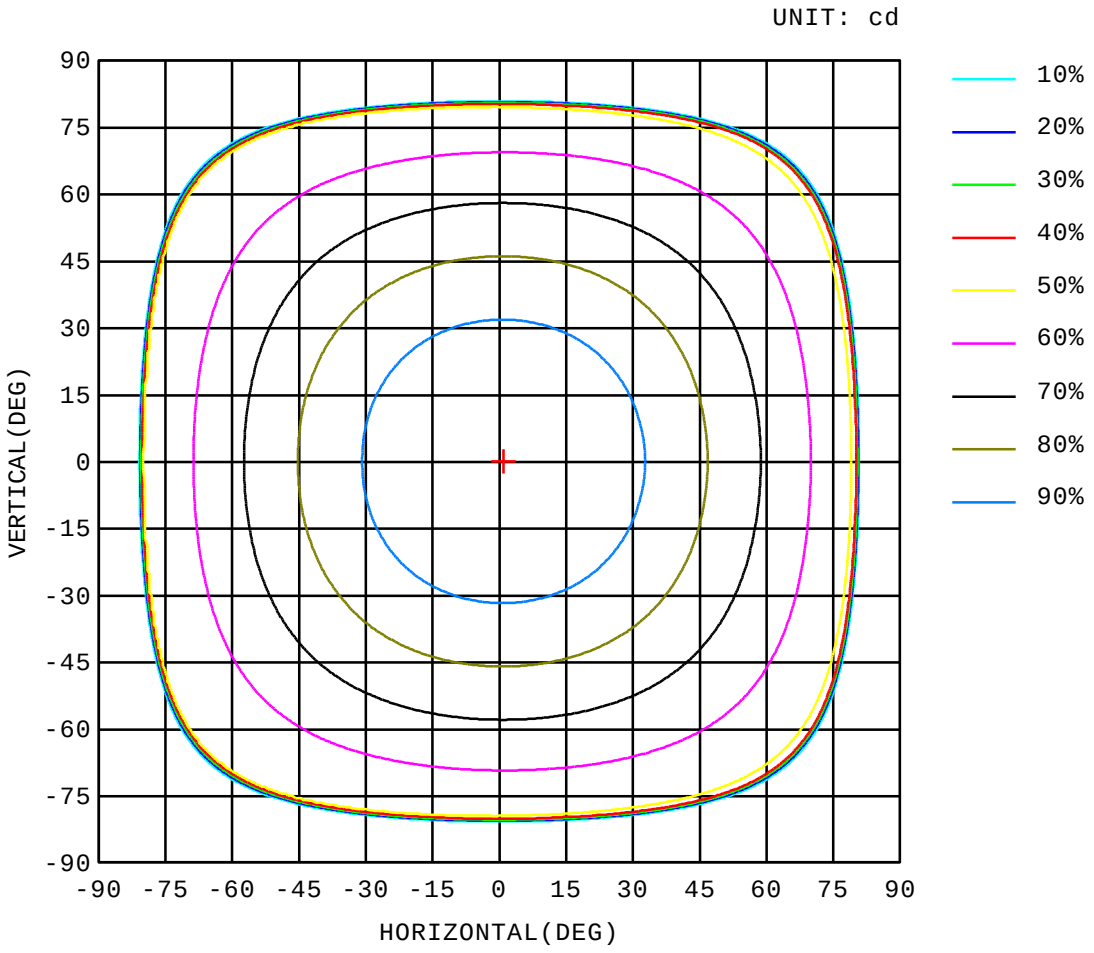
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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