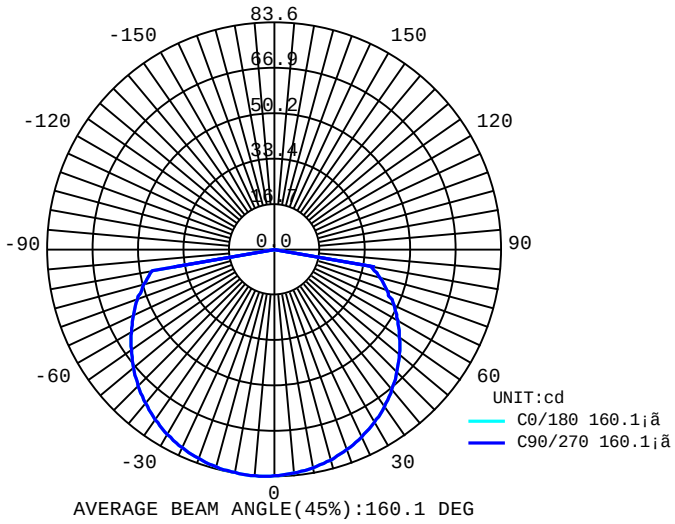
LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		Imax(cd)	83.61	S/MH(C0/180)	1.32
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	19	TOTAL FLUX(lm)	321.80	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	44.7	Current(A)	0.300
NOMINAL FLUX(lm)	321.8	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)	321.8	EEI	0.228(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.1 DEG

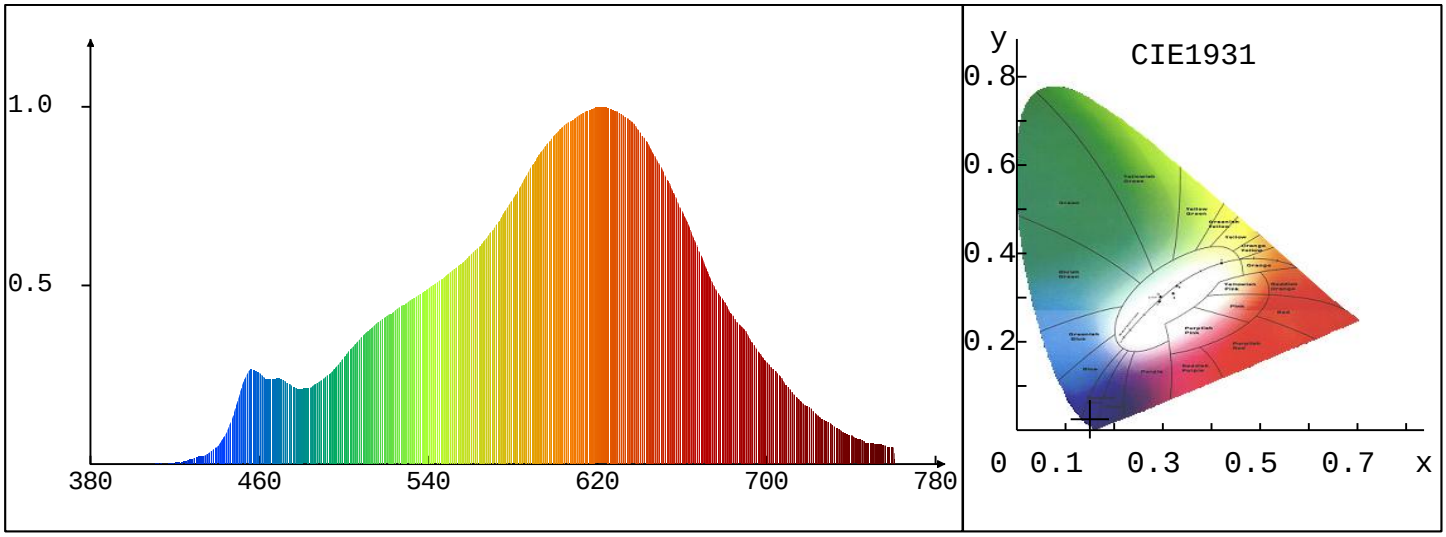
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2633K Chro. Coor.: xa=0.4717 ya=0.4227 u'a=0.2647 v'a=0.5336 ¦¤u'v'=0.0002

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4717 y=0.4227 u'=0.2647 v'=0.5336 duv=0.0034

CCT: 2633K Dominant Wave: 583.5nm Purity: 68.5% Light Intensity: 160.3cd

Flux RGB Ratio: R=54.0%,G=37.1%,B=8.9% Peak Wave: 619.8nm Half Width: 133.7nm

Rendering Index: Ra= 89.7

R1 =89	R2 =95	R3 =98	R4 =90	R5 =91	R6 =95	R7 =87	R8 =73
R9 =45	R10=90	R11=92	R12=81	R13=90	R14=99	R15=82	

Instrument State

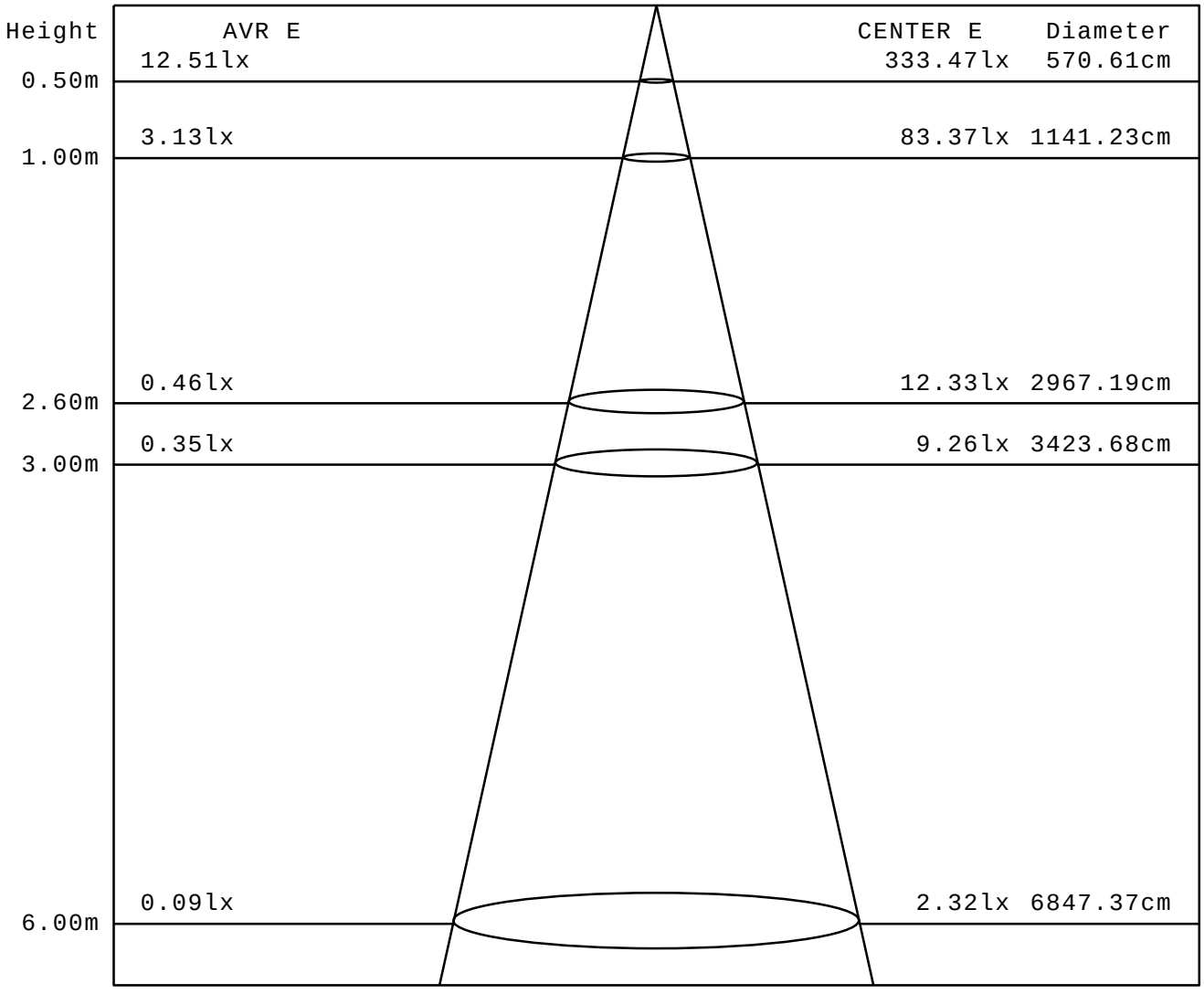
Scan Range: 380nm-780nmIntegral Time: 790.0ms Peak Signal: 790000 Dark Signal: 55255

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:160.1deg

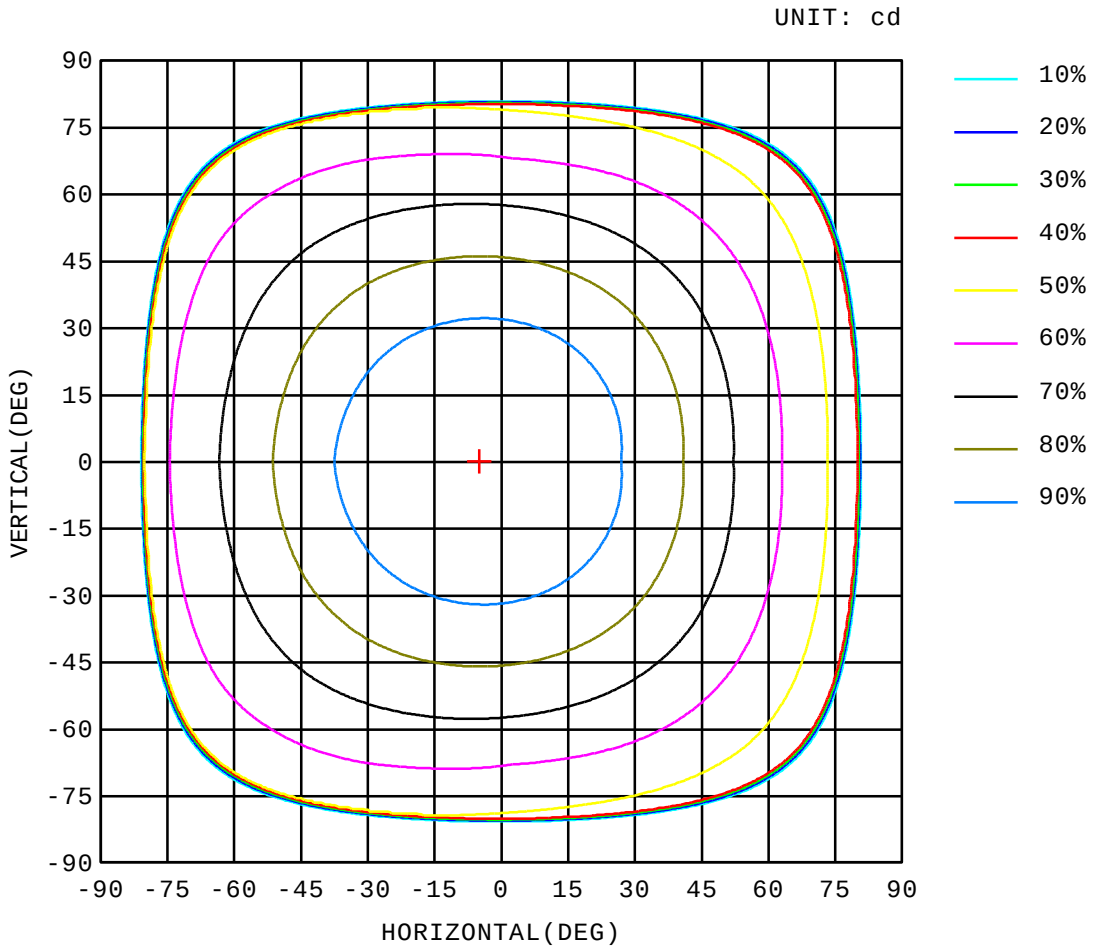
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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Humidity:65.0%
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