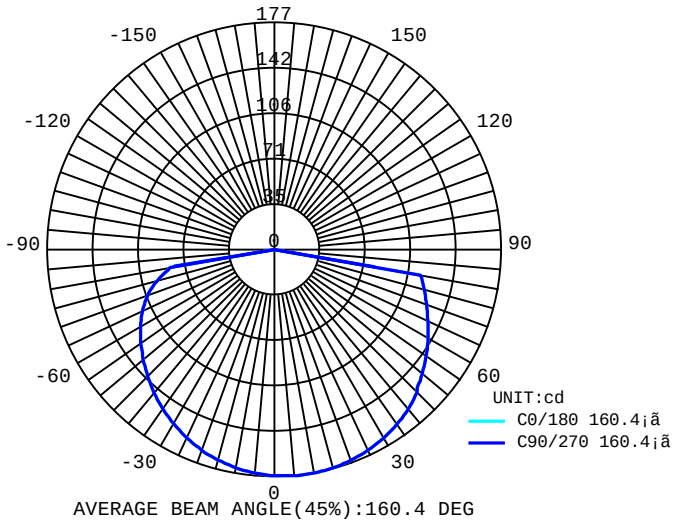
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED strip SOLO TUNNELMA, CCT, 36V, 30W/m, IP20, CRI92	SKU: 1cm-strip-30-36V-IP20-cct-cob	TYPE: LED
SPECIFICATION: LED light strip, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	177.0	S/MH(C0/180)	1.45
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.45
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	720.73	Voltage(V)	36.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	49.4	Current(A)	0.405
NOMINAL FLUX(lm)	720.7	η up(%)	0.0	Power(W)	14.58
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	36.0	Effictive Flux(lm)	720.7	EEI	0.247(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.4 DEG

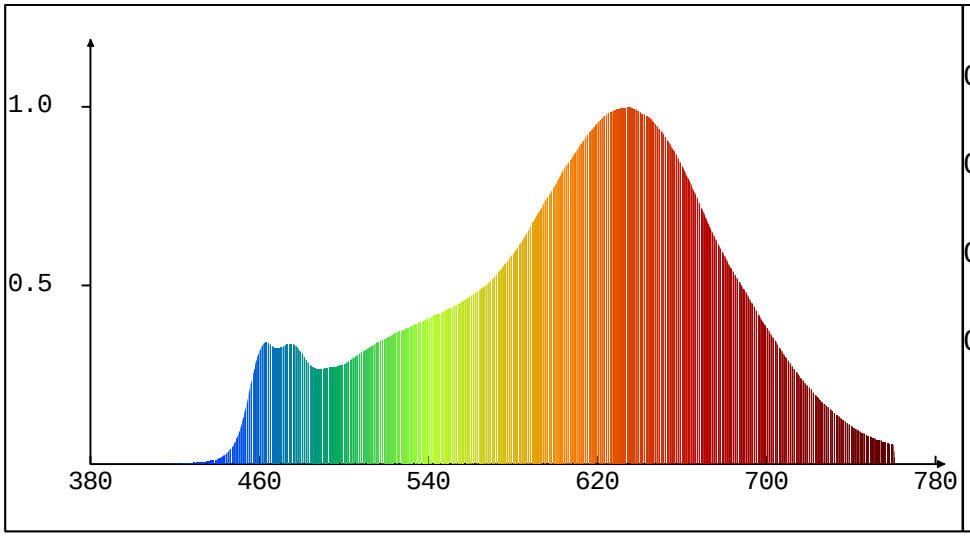
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

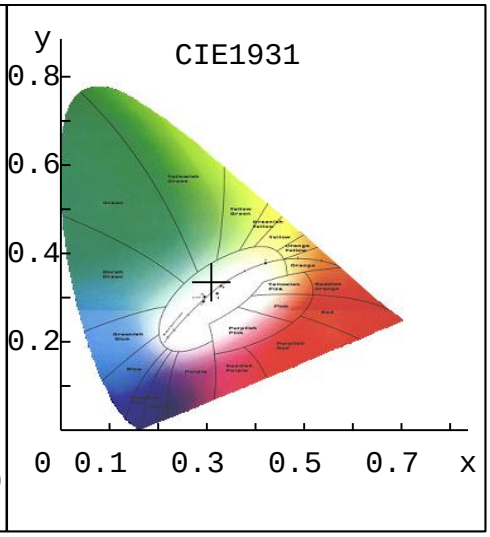
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 2501K Chro. Coor.: xa=0.4719 ya=0.4055 u'a=0.2727 v'a=0.5272 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4720 y=0.4055 u'=0.2727 v'=0.5272 duv=-0.0026

CCT: 2501K Dominant Wave: 586.2nm Purity: 63.4% Light Intensity: 275.8cd

Flux RGB Ratio: R=59.5%,G=30.7%,B=9.8% Peak Wave: 633.8nm Half Width: 121.4nm

Rendering Index: Ra= 91.4

R1 =96	R2 =93	R3 =92	R4 =95	R5 =92	R6 =84	R7 =89	R8 =90
R9 =86	R10=85	R11=93	R12=72	R13=94	R14=97	R15=97	

Instrument State

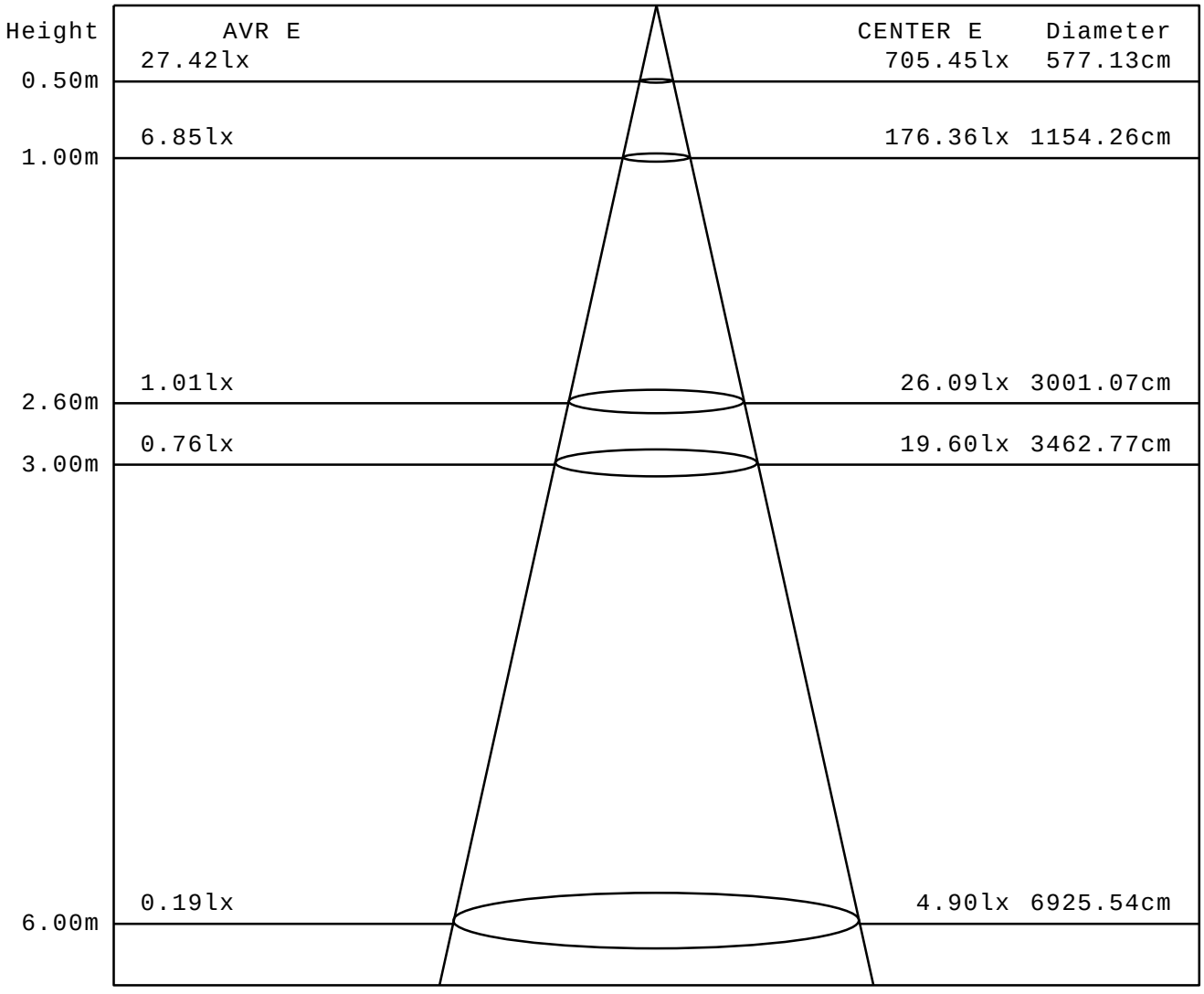
Scan Range: 380nm-780nmIntegral Time: 420.0ms Peak Signal: 420000 Dark Signal: 55146

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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Angle:160.3deg

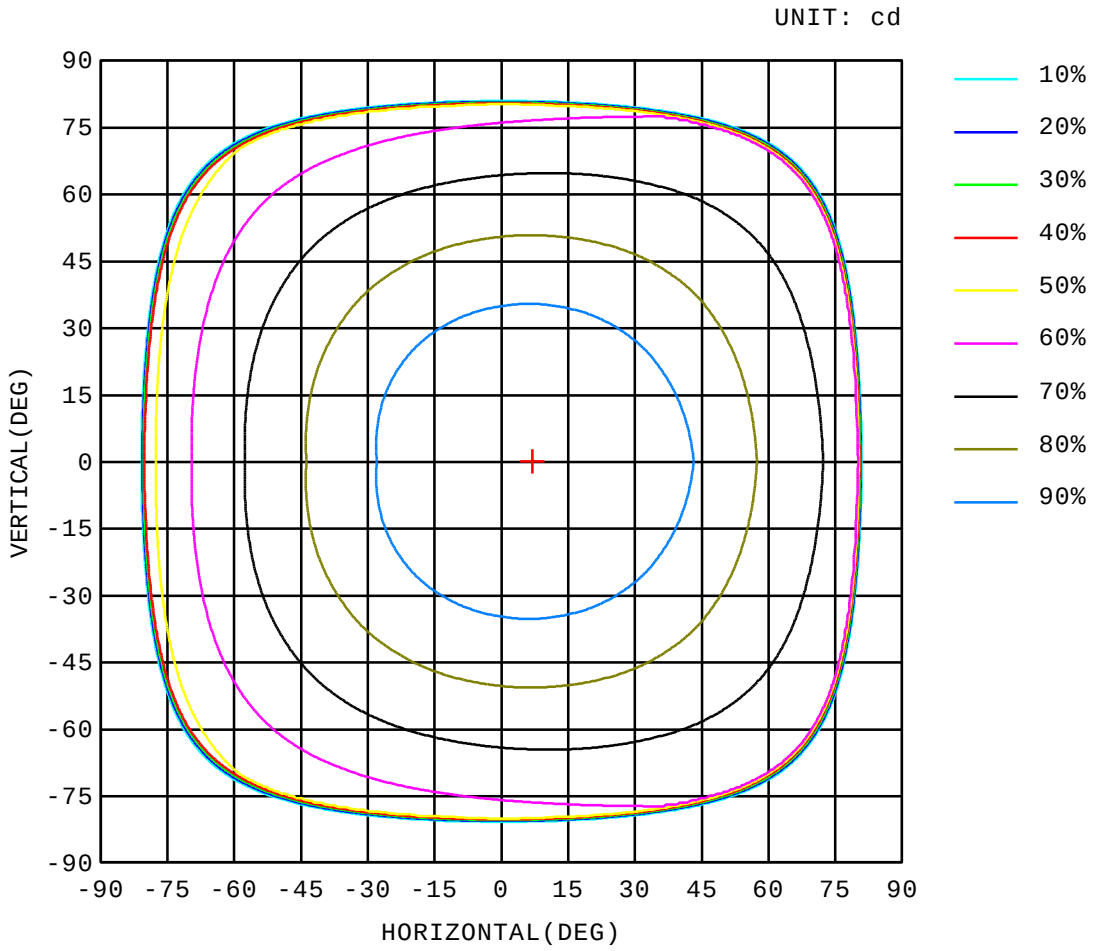
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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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%
Test Distance:1.000 m
Remarks: