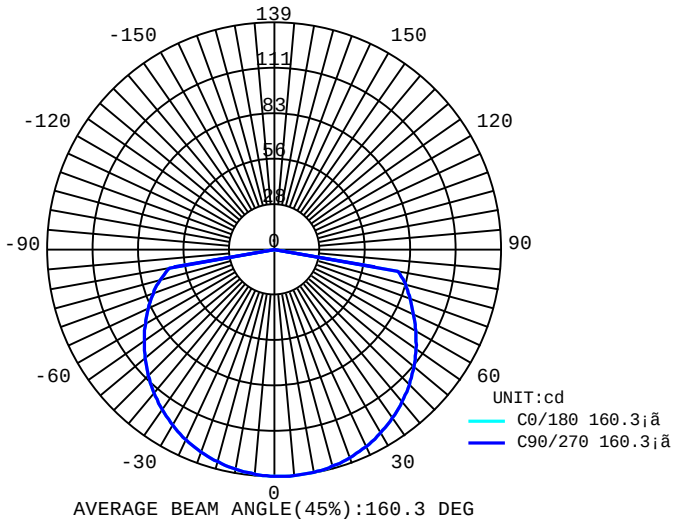
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED strip SOLO TUNNELMA, CCT, 36V, 14,4W/m, IP20, CRI94	SKU: 1cm-strip-144-36V-IP20-cct-cob	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)	138.9	S/MH(C0/180)	1.40
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.40
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	542.47	Voltage(V)	36.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	75.3	Current(A)	0.200
NOMINAL FLUX(lm)	542.5	η up(%)	0.0	Power(W)	7.200
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	36.0	Effictive Flux(lm)	542.5	EEI	0.153(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.3 DEG

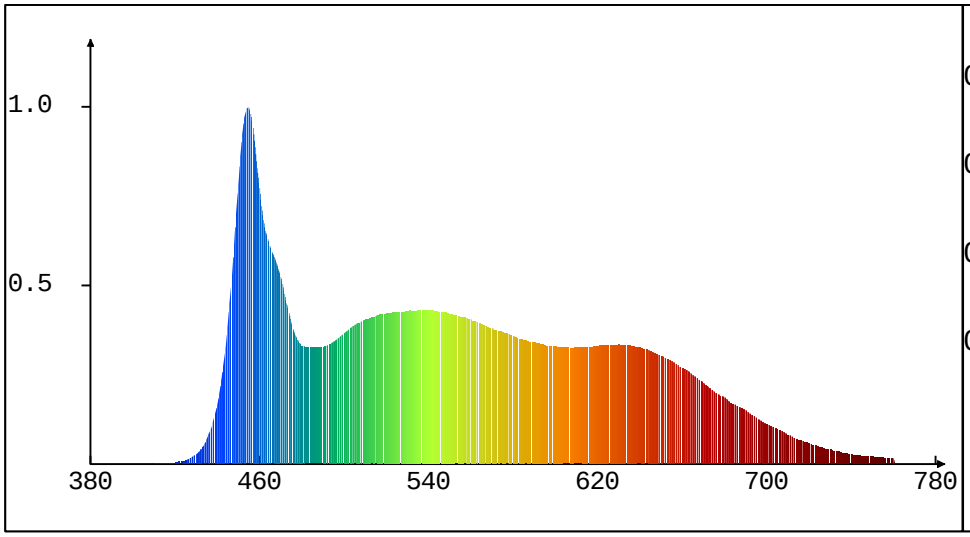
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

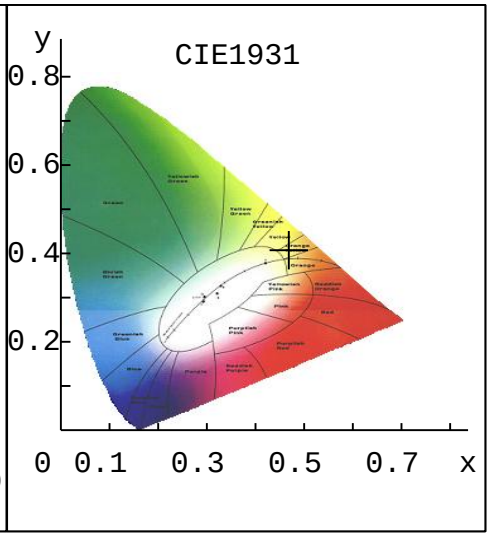
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 6668K Chro. Coor.: xa=0.3092 ya=0.3321 u'a=0.1943 v'a=0.4695 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3092 y=0.3321 u'=0.1943 v'=0.4695 duv=0.0065

CCT: 6668K Dominant Wave: 491.1nm Purity: 8.2% Light Intensity: 217.8cd

Flux RGB Ratio: R=29.8%,G=38.8%,B=31.3% Peak Wave: 453.5nm Half Width: 24.2nm

Rendering Index: Ra= 94.3

R1 =96	R2 =98	R3 =98	R4 =90	R5 =92	R6 =93	R7 =95	R8 =93
R9 =89	R10=95	R11=92	R12=63	R13=96	R14=99	R15=92	

Instrument State

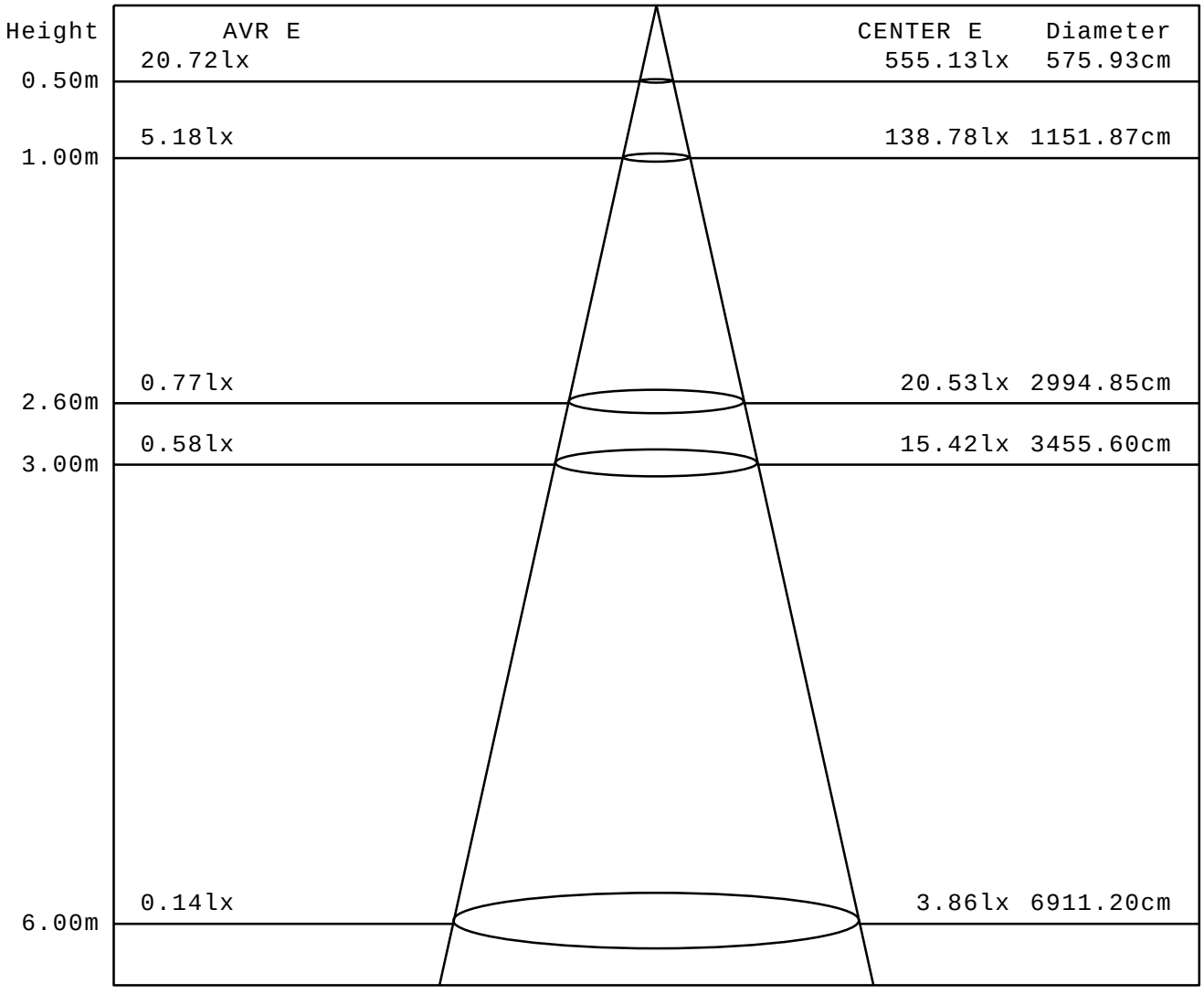
Scan Range: 380nm-780nmIntegral Time: 290.0ms Peak Signal: 290000 Dark Signal: 48208

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:160.3deg

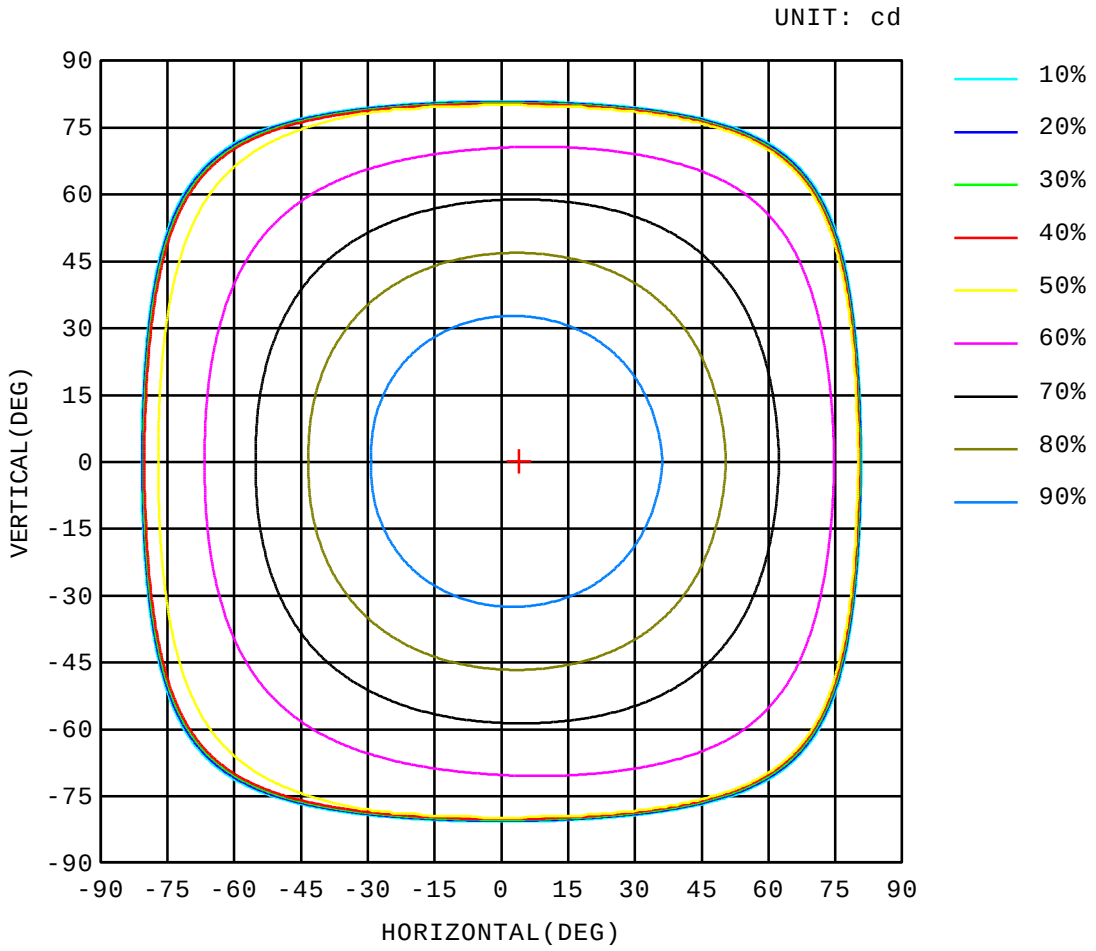
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: