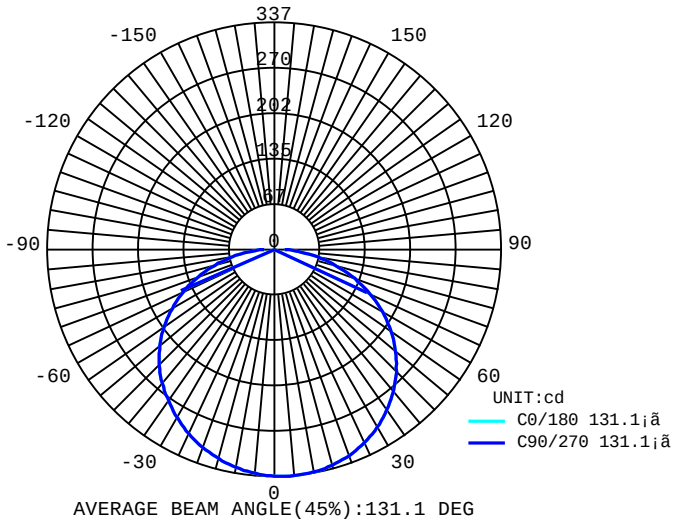
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1 cm LED strip HELMI, 4000K, 24V, 14,4W/m, IP20, CRI94	SKU: 1cm-strip-144-24v-IP20-4000-smd	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	337.1	S/MH(C0/180)	1.35
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.35
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1111.1	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	72.3	Current(A)	0.640
NOMINAL FLUX(lm)	1111.2	η up(%)	0.0	Power(W)	15.36
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1099.4	EEI	0.185(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):131.1 DEG

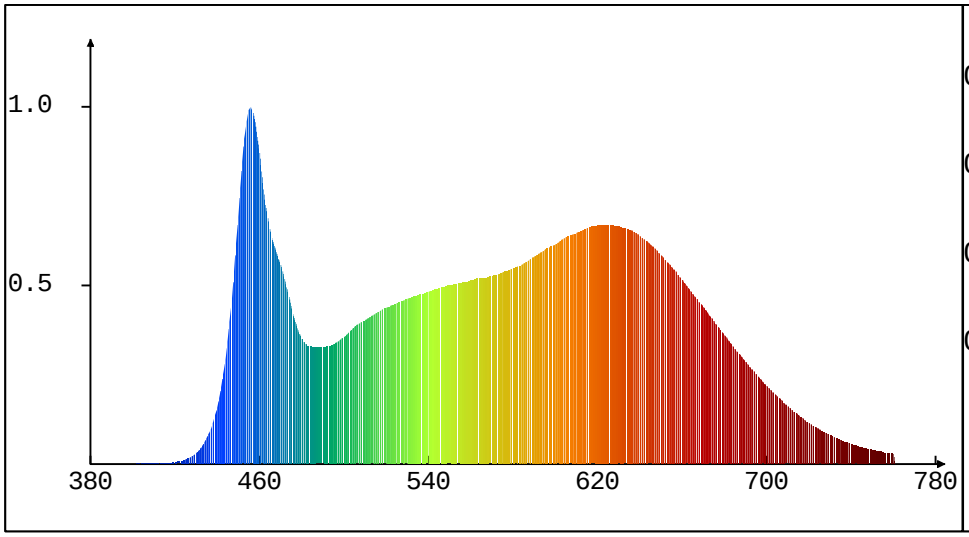
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

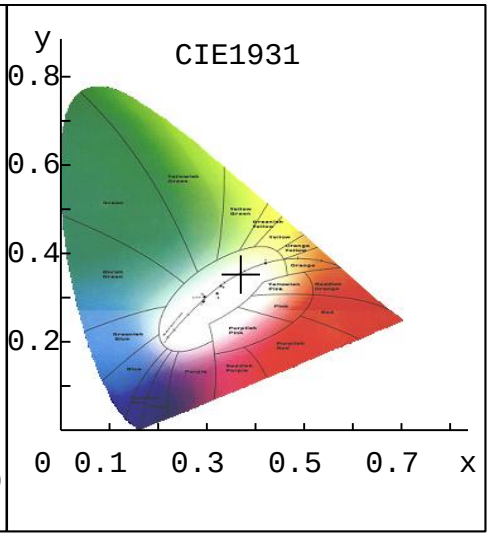
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 4069K Chro. Coor.: xa=0.3706 ya=0.3484 u'a=0.2302 v'a=0.4869 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3707 y=0.3484 u'=0.2302 v'=0.4869 duv=-0.0110

CCT: 4068K Dominant Wave: 589.2nm Purity: 15.8% Light Intensity: 617.9cd

Flux RGB Ratio: R=41.9%,G=35.2%,B=22.9% Peak Wave: 454.7nm Half Width: 24.9nm

Rendering Index: Ra= 93.6

R1 =94	R2 =93	R3 =97	R4 =96	R5 =93	R6 =89	R7 =93	R8 =96
R9 =93	R10=89	R11=97	R12=72	R13=93	R14=99	R15=92	

Instrument State

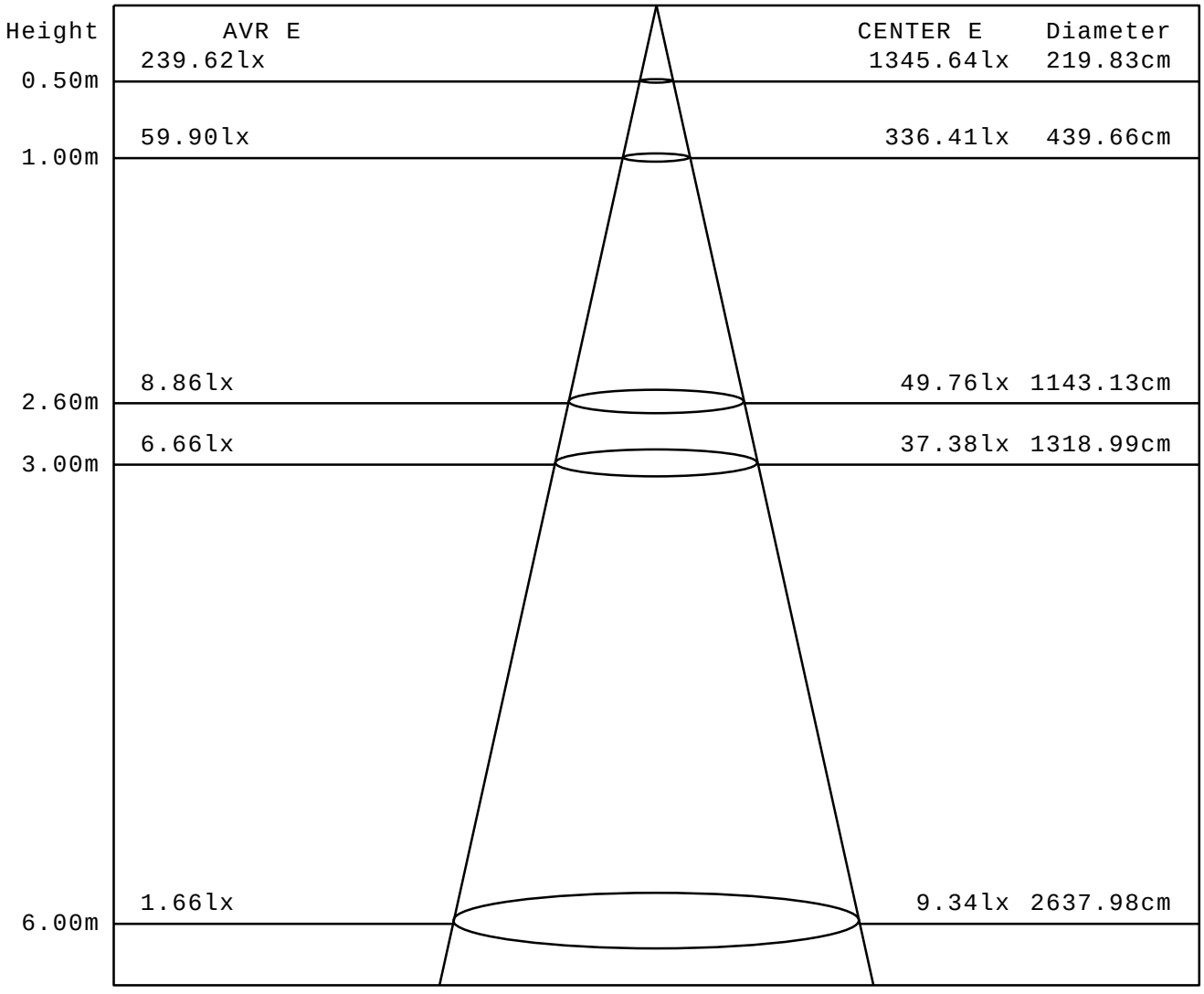
Scan Range: 380nm-780nmIntegral Time: 150.0ms Peak Signal: 150000 Dark Signal: 51829

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		
NAME: 1 cm LED strip HELMI, 4000K, 24V, 14,4W/m, IP20, CRI94	SKU: 1cm-strip-144-24v-IP20-4000-smd	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:131.1deg

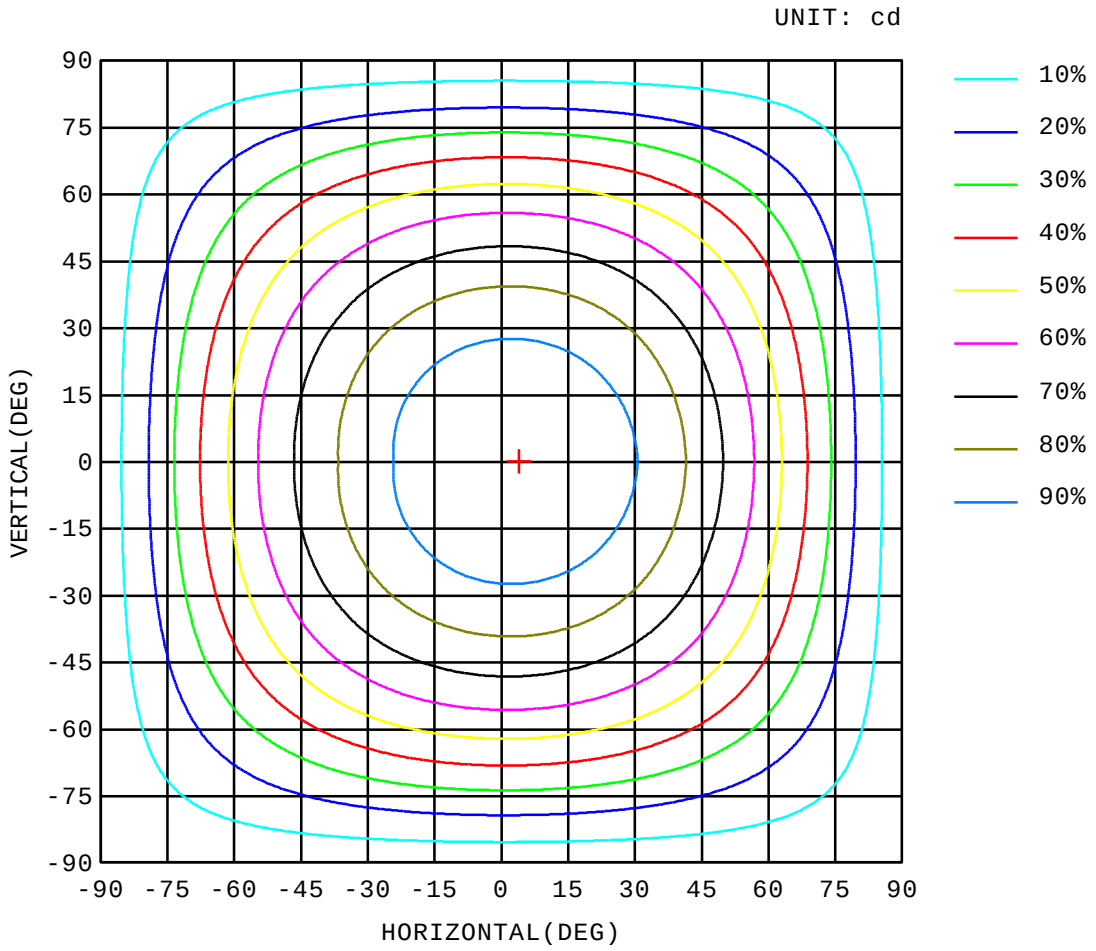
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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: