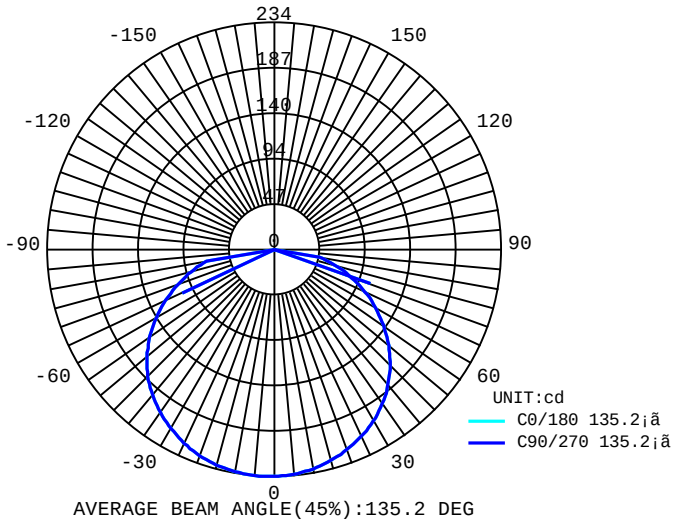
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 5m LED strip HELMI, 4000K, 24V, 14,4W/m, IP65, CRI98	SKU: STRIP14-24v-IP65-4000-SMD-SPC	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	234.0	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	14,4	TOTAL FLUX(lm)	777.05	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	54.1	Current(A)	0.598
NOMINAL FLUX(lm)	777.1	η up(%)	0.0	Power(W)	14.35
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	777.1	EEI	0.229(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):135.2 DEG

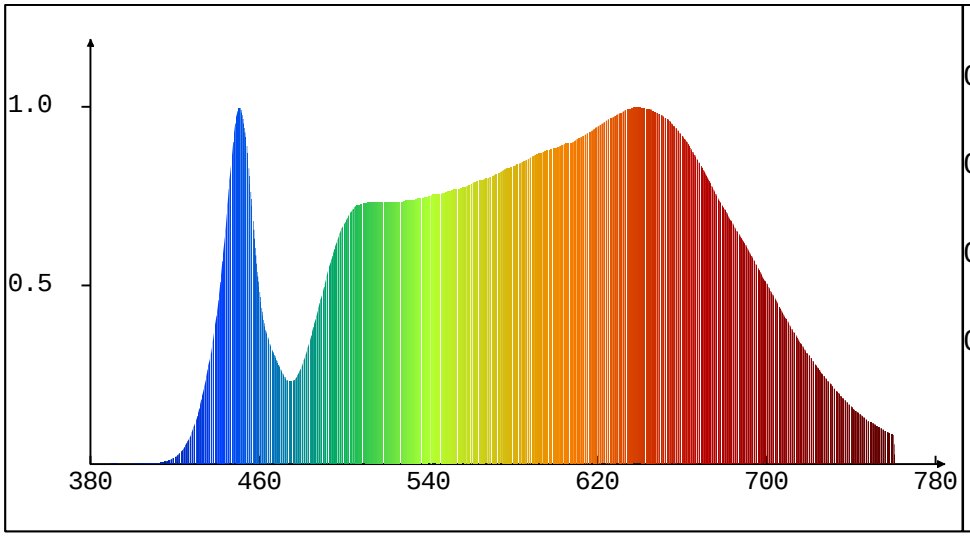
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

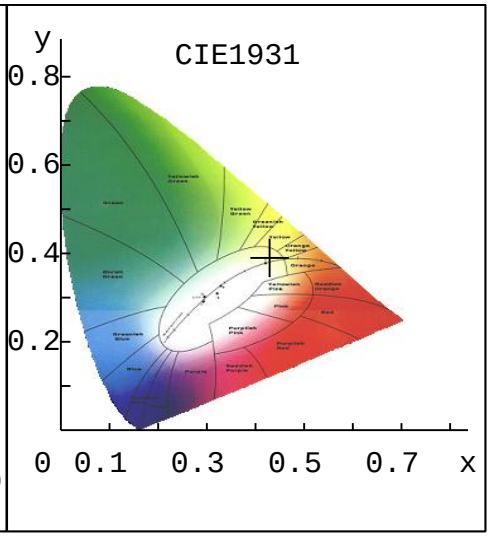
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 3777K Chro. Coor.: xa=0.3923 ya=0.3876 u'a=0.2285 v'a=0.5080 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3922 y=0.3875 u'=0.2285 v'=0.5080 duv=0.0017

CCT: 3778K Dominant Wave: 579.1nm Purity: 34.0% Light Intensity: 464.0cd

Flux RGB Ratio: R=47.6%,G=36.2%,B=16.2% Peak Wave: 449.7nm Half Width: 18.6nm

Rendering Index: Ra= 97.7

R1 =99	R2 =98	R3 =97	R4 =96	R5 =98	R6 =97	R7 =98	R8 =99
R9 =96	R10=96	R11=94	R12=85	R13=99	R14=98	R15=99	

Instrument State

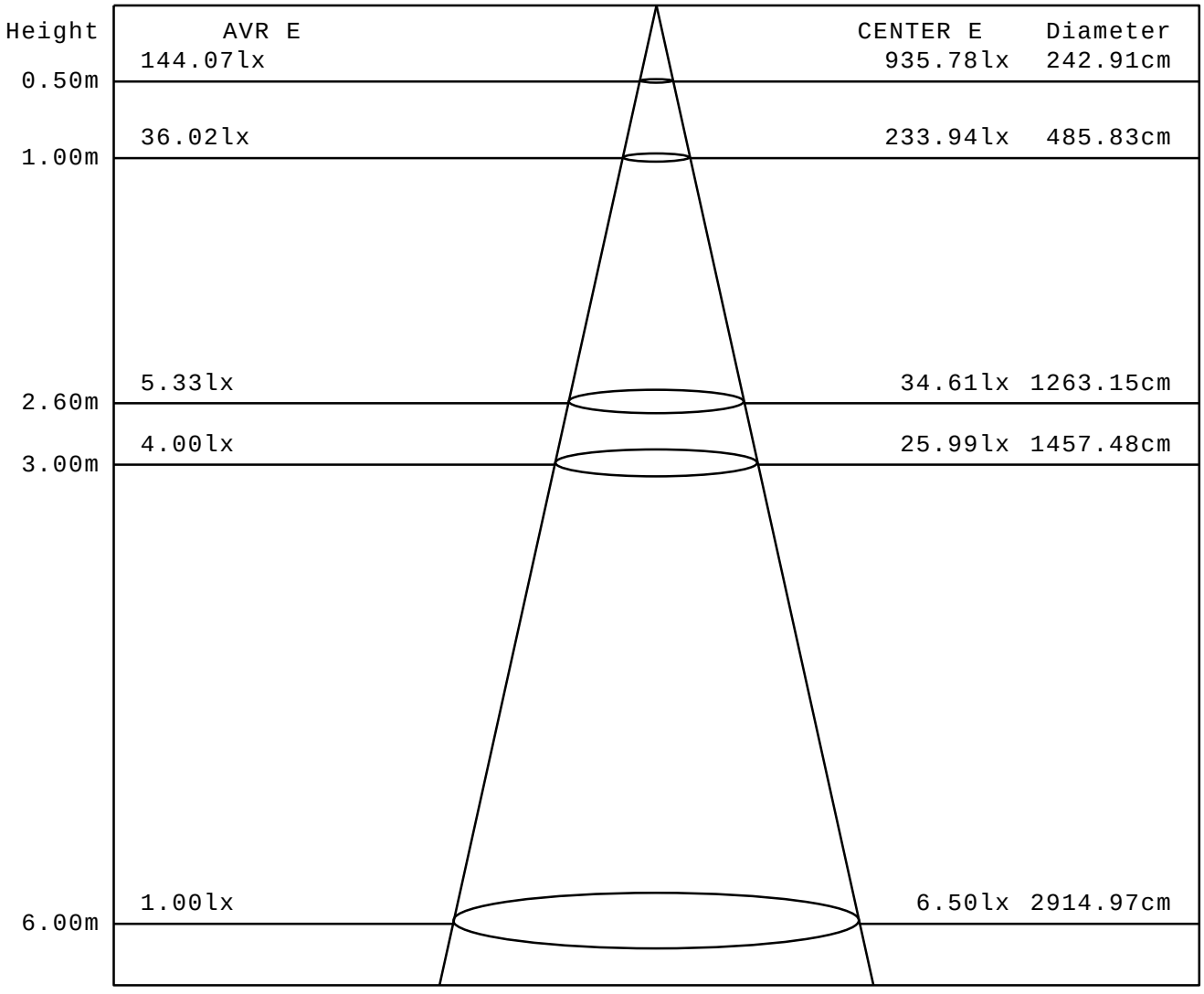
Scan Range: 380nm-780nmIntegral Time: 310.0ms Peak Signal: 310000 Dark Signal: 52919

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: 5m LED strip HELMI, 4000K, 24V, 14,4W/m, IP65, CRI98	SKU: STRIP14-24v-IP65-4000-SMD-SPC	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:135.2deg

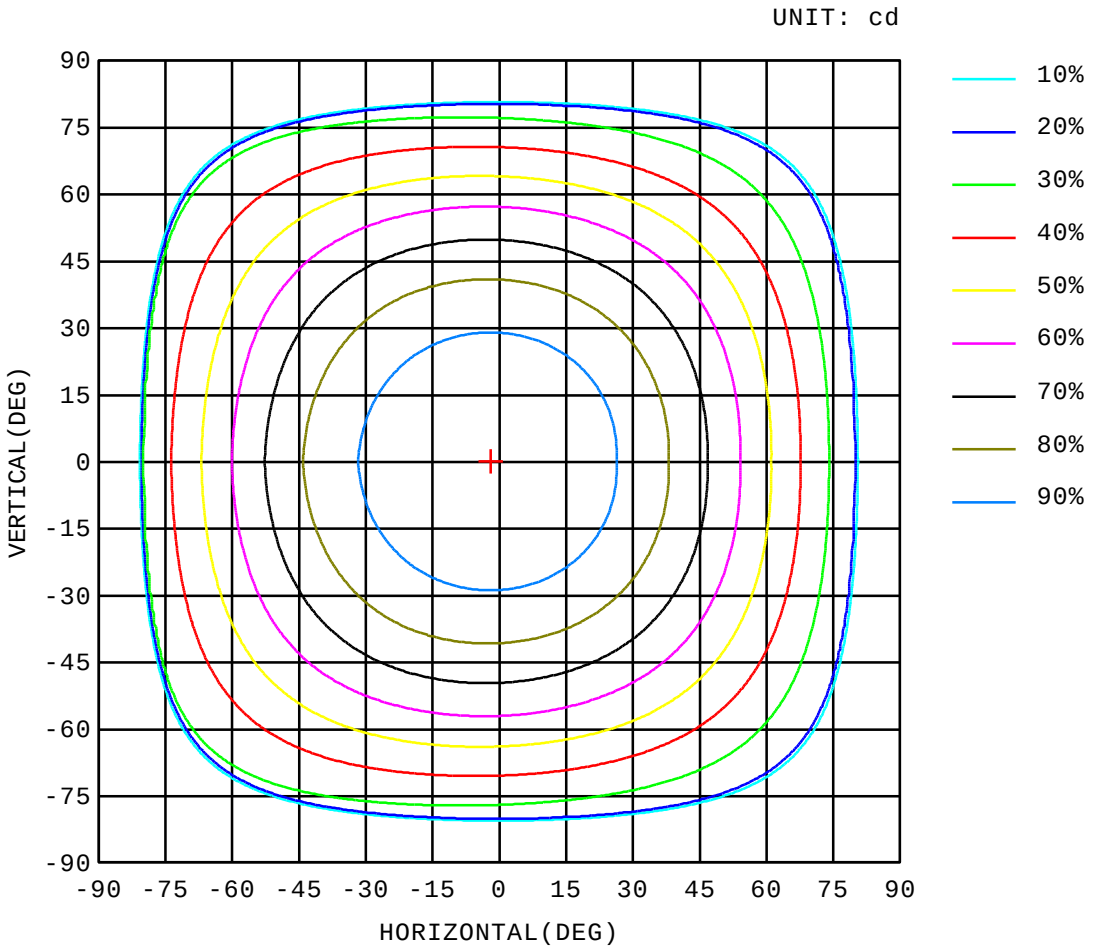
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: