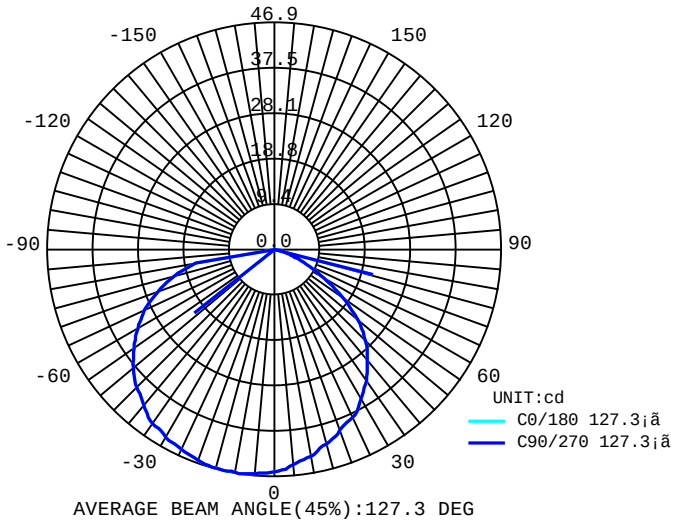
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 5m LED strip HELMI, RED, 24V, 7,2W/m, IP65	SKU: strip72-24V-IP65-R-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	46.88	S/MH(C0/180)	1.17
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.17
NOMINAL POWER(W)	7.2	TOTAL FLUX(lm)	140.75	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	17.0	Current(A)	0.345
NOMINAL FLUX(lm)	140.8	η up(%)	0.0	Power(W)	8.280
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	139.3	EEI	0.481(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):127.3 DEG

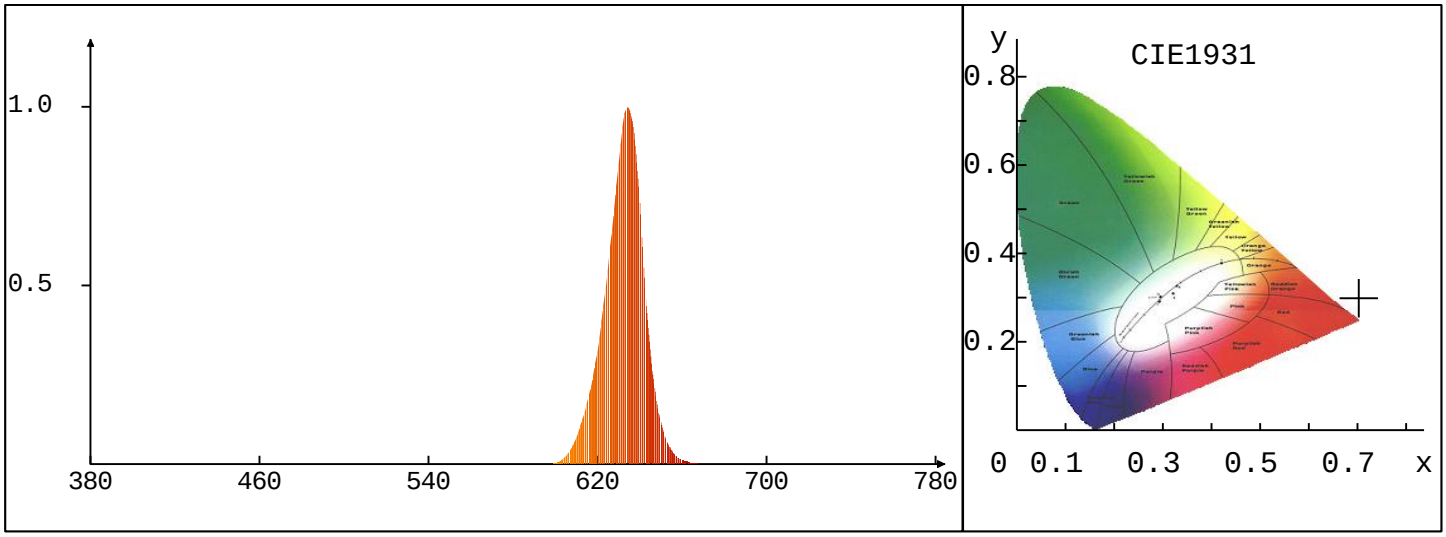
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 1430K Chro. Coor.: xa=0.7032 ya=0.2967 u'a=0.5458 v'a=0.5181 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.7032 y=0.2967 u'=0.5458 v'=0.5181 duv=-0.0092

CCT: 1001K Dominant Wave: 626.7nm Purity: 100.0% Light Intensity: 88.8cd

Flux RGB Ratio: R=100.0%,G=0.0%,B=0.0% Peak Wave: 633.8nm Half Width: 18.6nm

Rendering Index: Ra= 2.1

R1 =-6	R2 =75	R3 =23	R4 =-40	R5 =-10	R6 =90	R7 =-12	R8 =-100
R9 =-100	R10=67	R11=-25	R12=79	R13=21	R14=54	R15=-57	

Instrument State

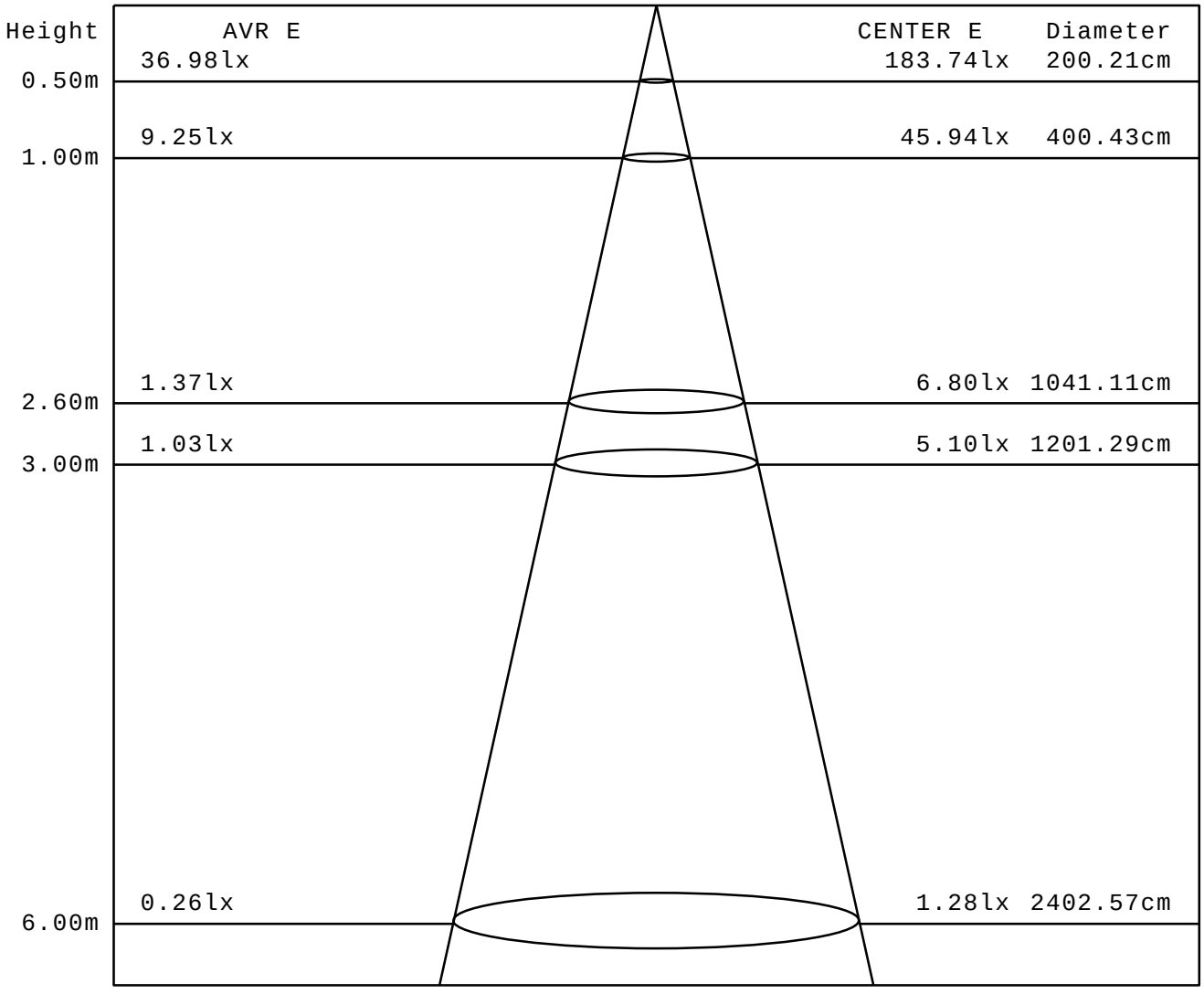
Scan Range: 380nm-780nmIntegral Time: 130.0ms Peak Signal: 130000 Dark Signal: 55038

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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SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:126.9deg

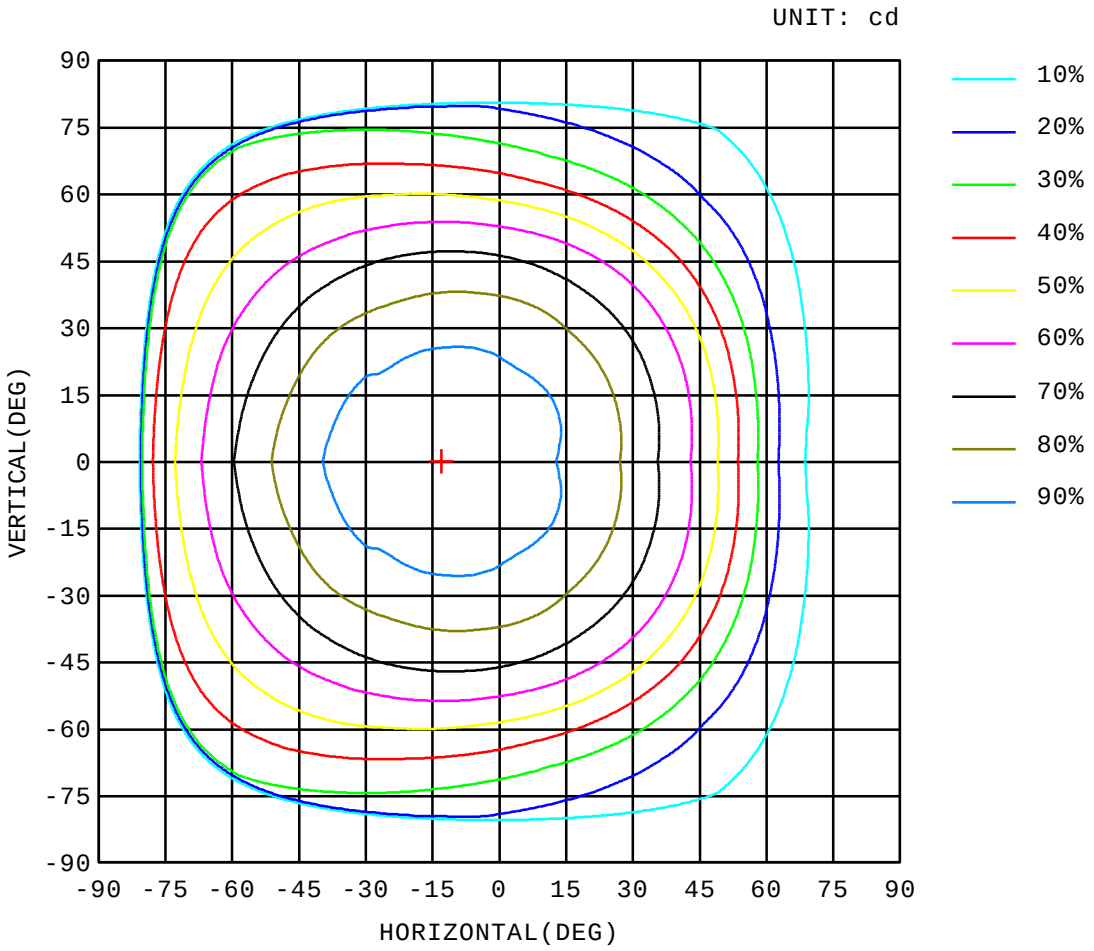
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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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: