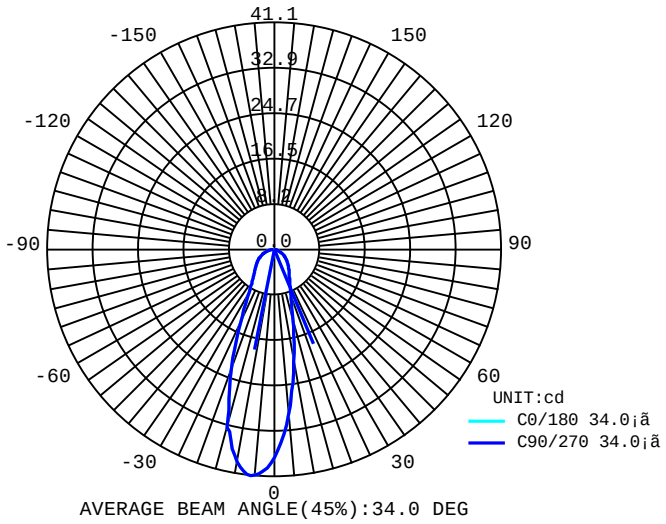
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Led spot for sauna, recessed, 1W, 100 lm, narrow beam	SKU: sauna-narrow	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	41.13	S/MH(C0/180)	0.37
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.37
NOMINAL POWER(W)	1	TOTAL FLUX(lm)	27.651	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	23.0	Current(A)	0.050
NOMINAL FLUX(lm)	27.7	η up(%)	0.0	Power(W)	1.200
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	20.3	EEI	0.242(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):34.0 DEG

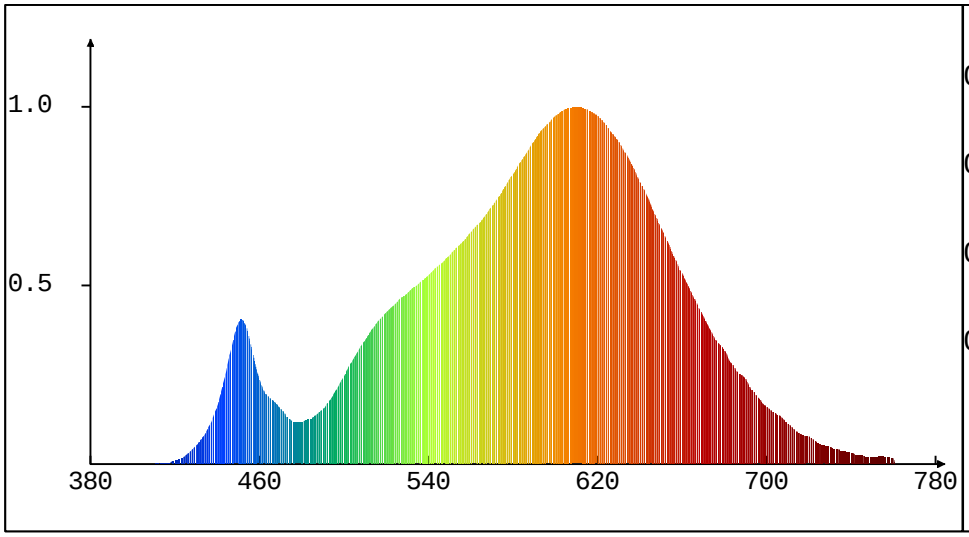
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

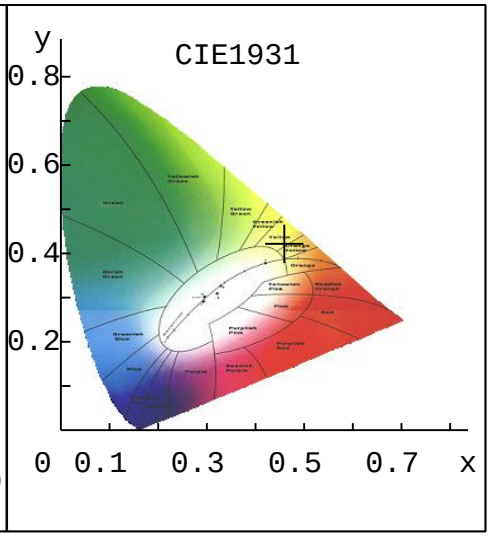
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 2751K Chro. Coor.: xa=0.4605 ya=0.4184 u'a=0.2594 v'a=0.5304 ¦¤u'v'=0.0007

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4600 y=0.4186 u'=0.2590 v'=0.5304 duv=0.0029

CCT: 2759K Dominant Wave: 583.0nm Purity: 63.7% Light Intensity: 131.1cd

Flux RGB Ratio: R=47.6%,G=42.5%,B=10.0% Peak Wave: 608.8nm Half Width: 128.9nm

Rendering Index: Ra= 82.4

R1 =81	R2 =89	R3 =97	R4 =83	R5 =81	R6 =86	R7 =83	R8 =60
R9 =12	R10=75	R11=82	R12=66	R13=82	R14=98	R15=73	

Instrument State

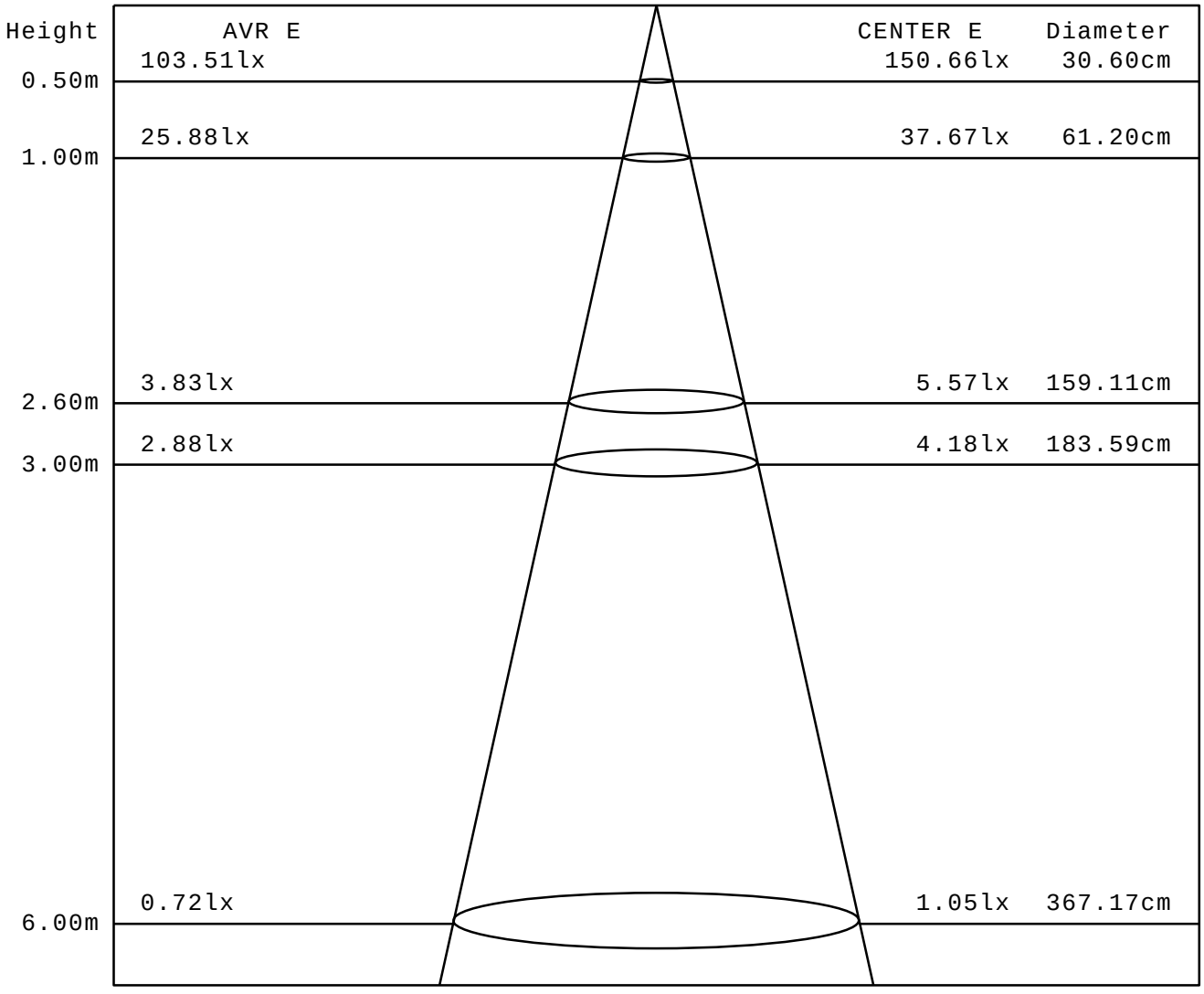
Scan Range: 380nm-780nmIntegral Time: 1000.0msPeak Signal: 1000000 Dark Signal: 56866

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 downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:34.0deg

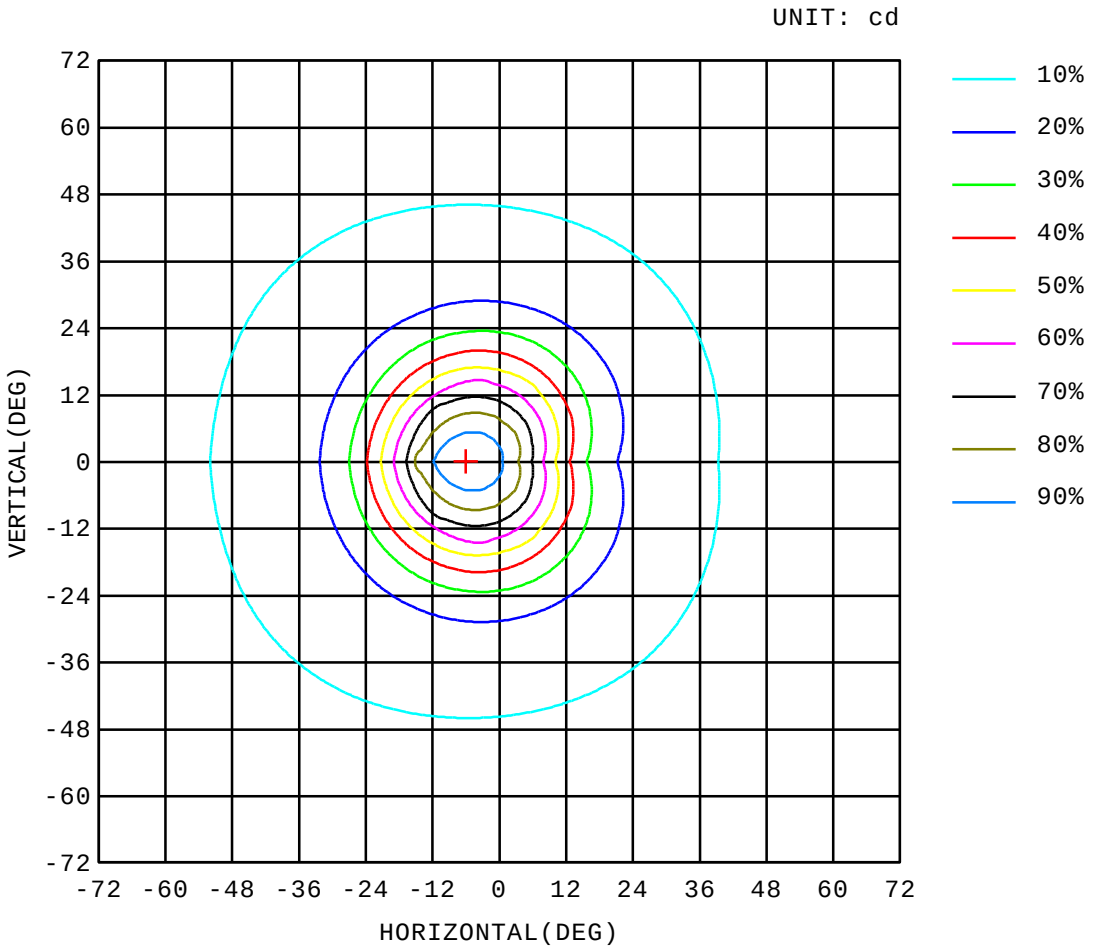
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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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: