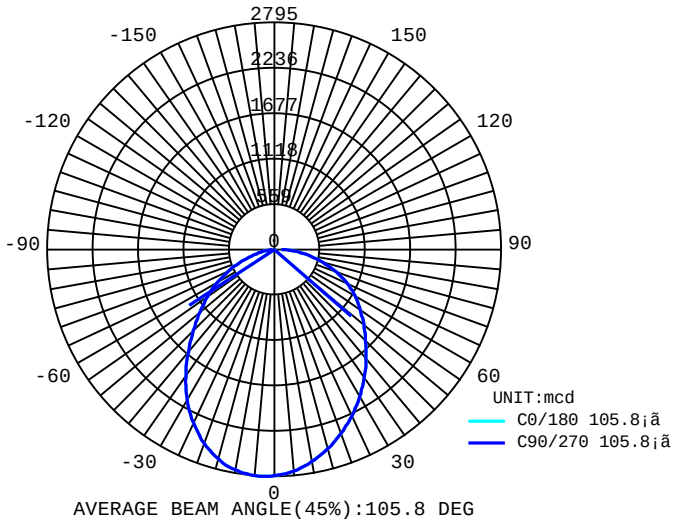
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

DATA OF LAMP		Imax(mcd)	2795	S/MH(C0/180)	1.14
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.14
NOMINAL POWER(W)	1	TOTAL FLUX(lm)	6.8780	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	5.7	Current(A)	0.050
NOMINAL FLUX(lm)	6.9	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)	6.7	EEI	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):105.8 DEG

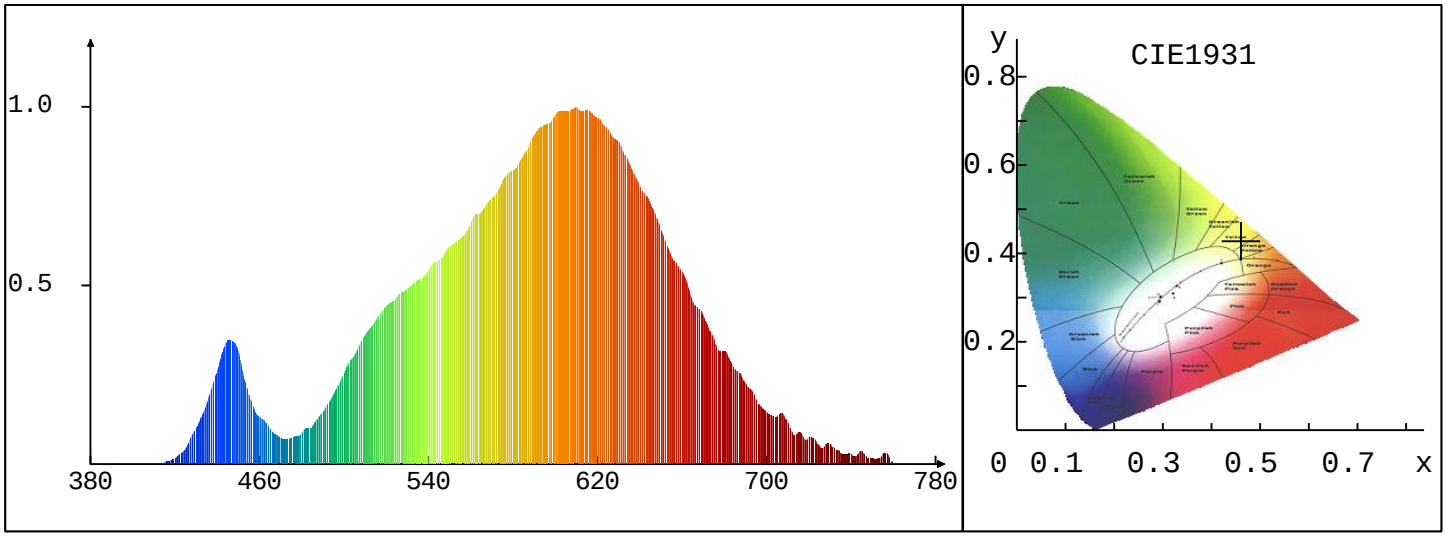
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2774K Chro. Coor.: xa=0.4624 ya=0.4250 u'a=0.2578 v'a=0.5331 ¦¤u'v'=0.0013

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4605 y=0.4235 u'=0.2573 v'=0.5322 duv=0.0046

CCT: 2789K Dominant Wave: 582.4nm Purity: 65.4% Light Intensity: 10.2cd

Flux RGB Ratio: R=47.4%,G=43.6%,B=9.0% Peak Wave: 608.8nm Half Width: 131.6nm

Rendering Index: Ra= 82.1

R1 =81	R2 =88	R3 =95	R4 =81	R5 =77	R6 =83	R7 =89	R8 =64
R9 =10	R10=71	R11=81	R12=65	R13=82	R14=96	R15=73	

Instrument State

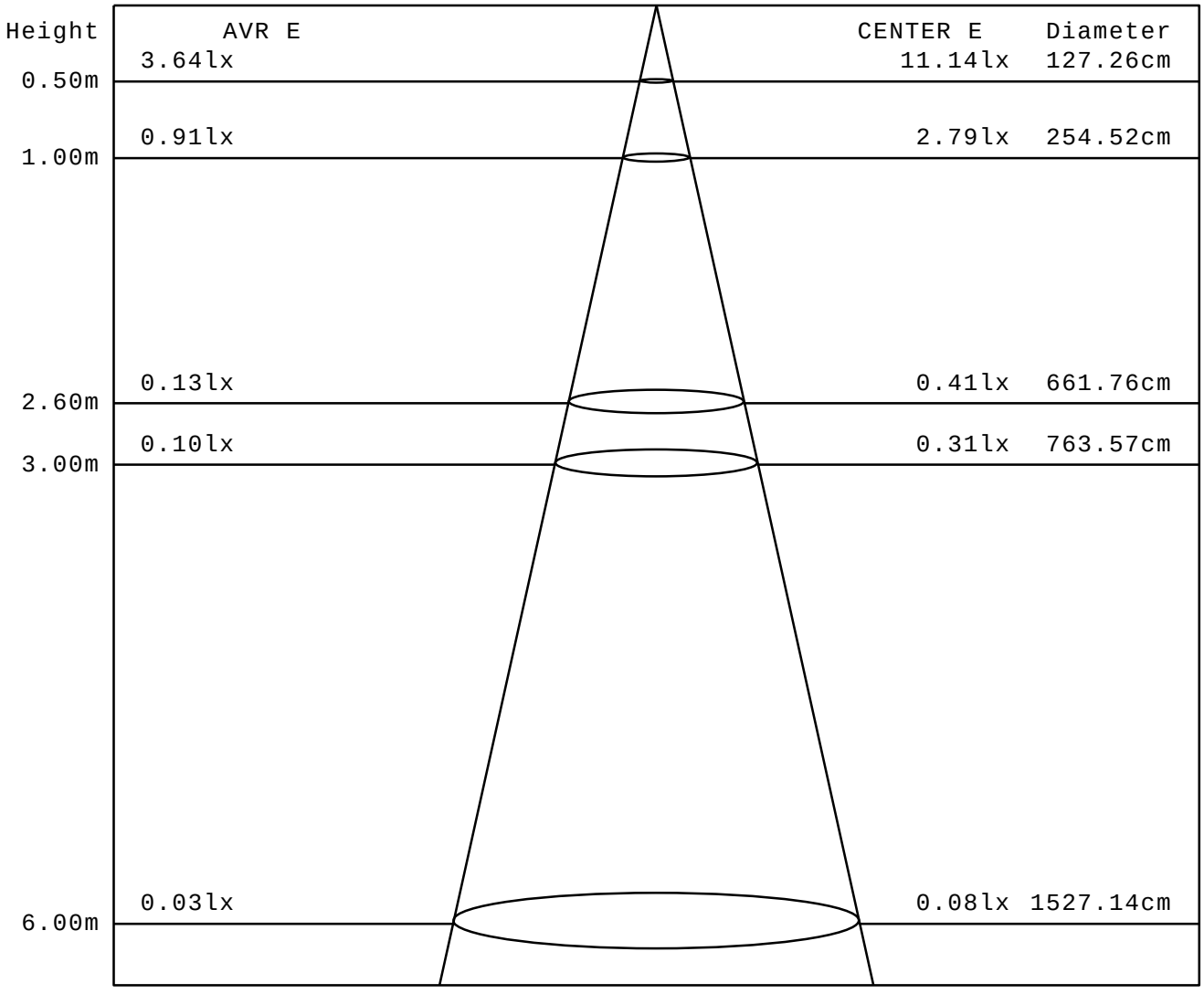
Scan Range: 380nm-780nmIntegral Time: 5000.0msPeak Signal: 5000000 Dark Signal: 25381

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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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:103.7deg

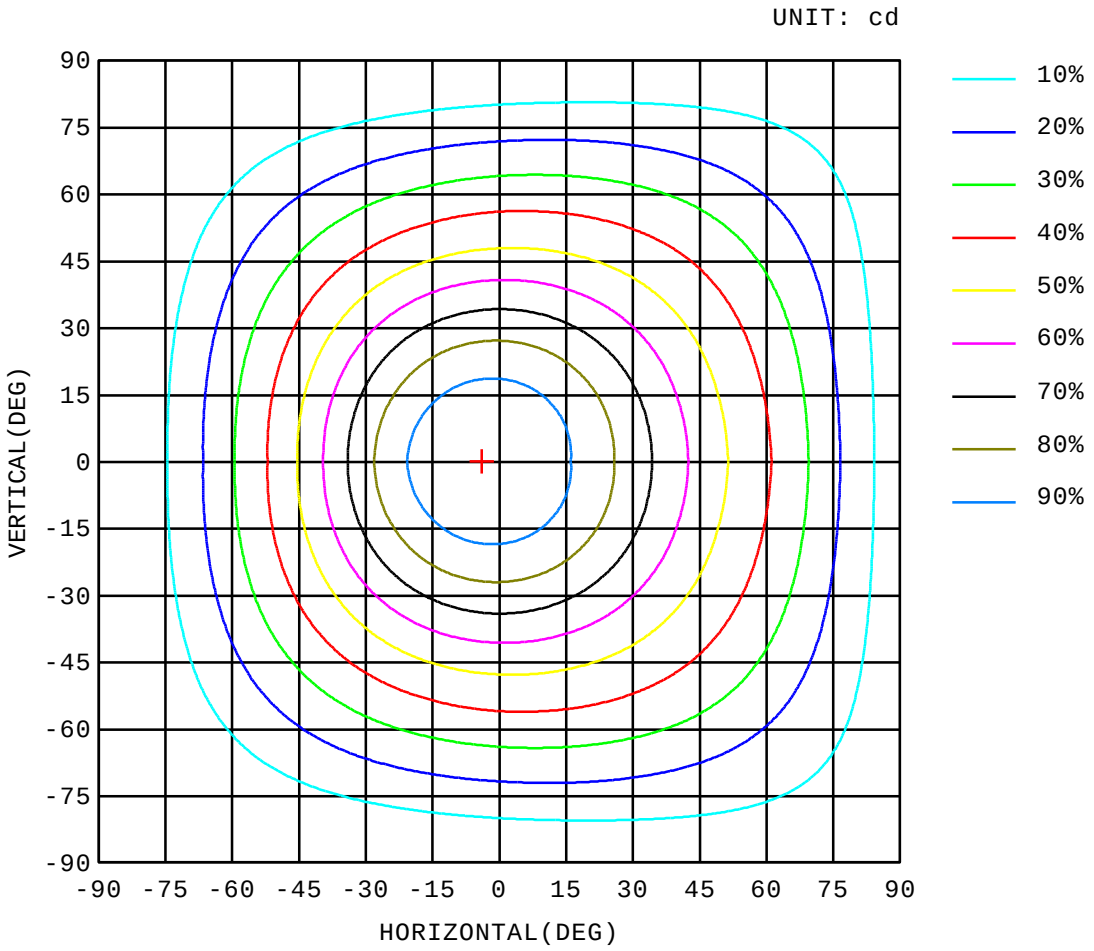
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: