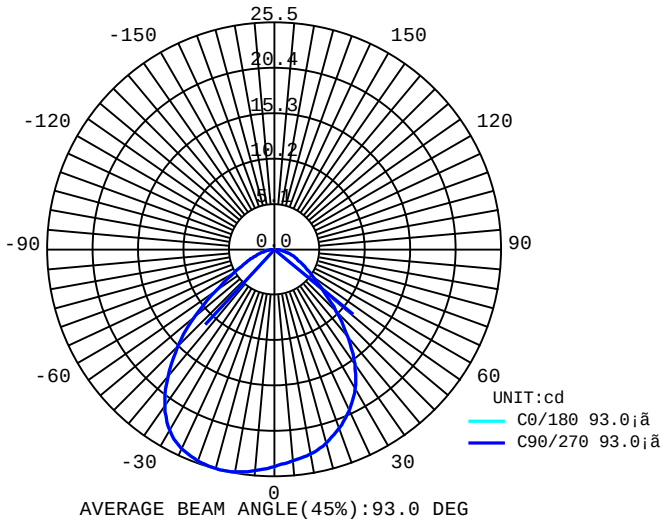
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

DATA OF LAMP		Imax(cd)	25.45	S/MH(C0/180)	1.13
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.13
NOMINAL POWER(W)	1	TOTAL FLUX(lm)	52.257	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	43.5	Current(A)	0.050
NOMINAL FLUX(lm)	52.3	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)	49.6	EEI	0.139(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):93.0 DEG

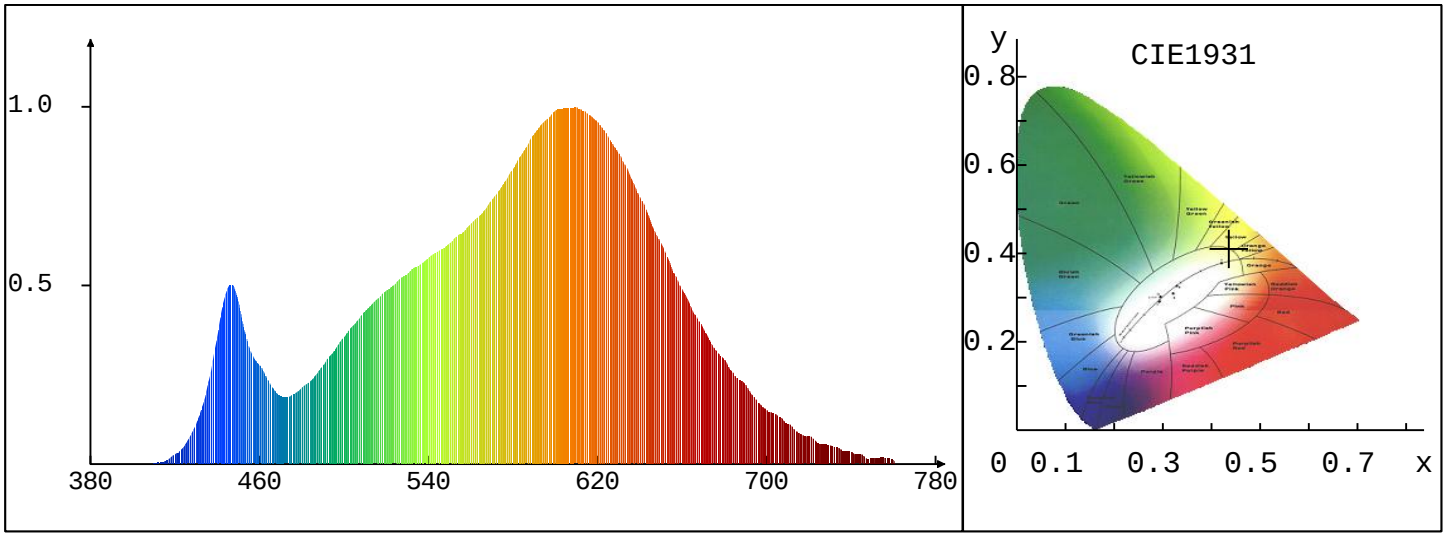
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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



Avg Chro. Para.

CCT: 3037K Chro. Coor.: xa=0.4359 ya=0.4065 u'a=0.2489 v'a=0.5222 ¦¤u'v'=0.0007

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4364 y=0.4070 u'=0.2490 v'=0.5224 duv=0.0012

CCT: 3032K Dominant Wave: 582.3nm Purity: 53.2% Light Intensity: 94.2cd

Flux RGB Ratio: R=43.2%,G=42.8%,B=14.0% Peak Wave: 608.8nm Half Width: 135.9nm

Rendering Index: Ra= 84.2

R1 =82	R2 =90	R3 =98	R4 =87	R5 =86	R6 =88	R7 =81	R8 =61
R9 =15	R10=79	R11=88	R12=77	R13=84	R14=99	R15=74	

Instrument State

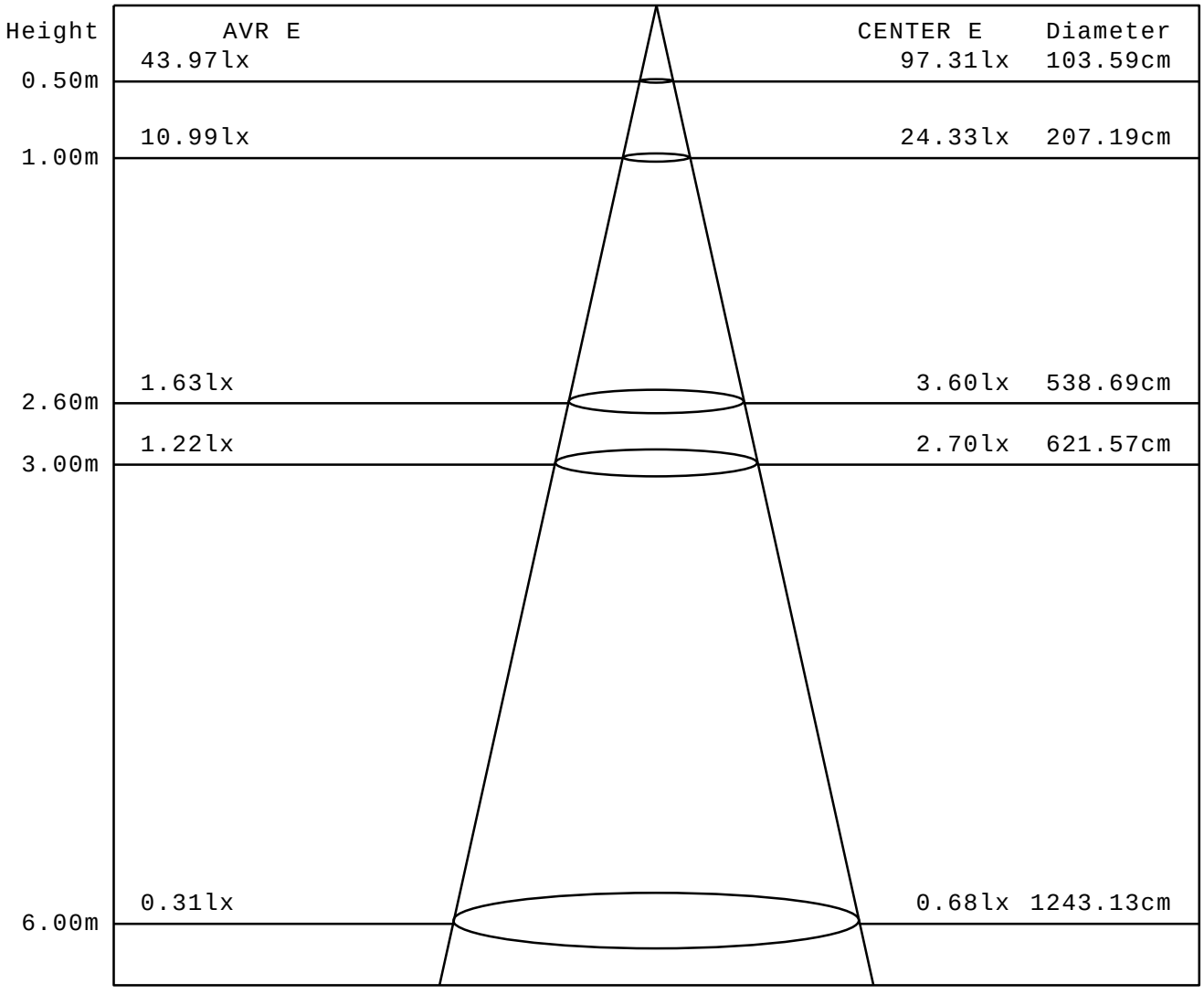
Scan Range: 380nm-780nmIntegral Time: 1400.0msPeak Signal: 1400000 Dark Signal: 54516

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: Led spot for sauna, recessed, 1W, 100 lm, half moon	SKU: sauna-half-moon	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:92.0deg

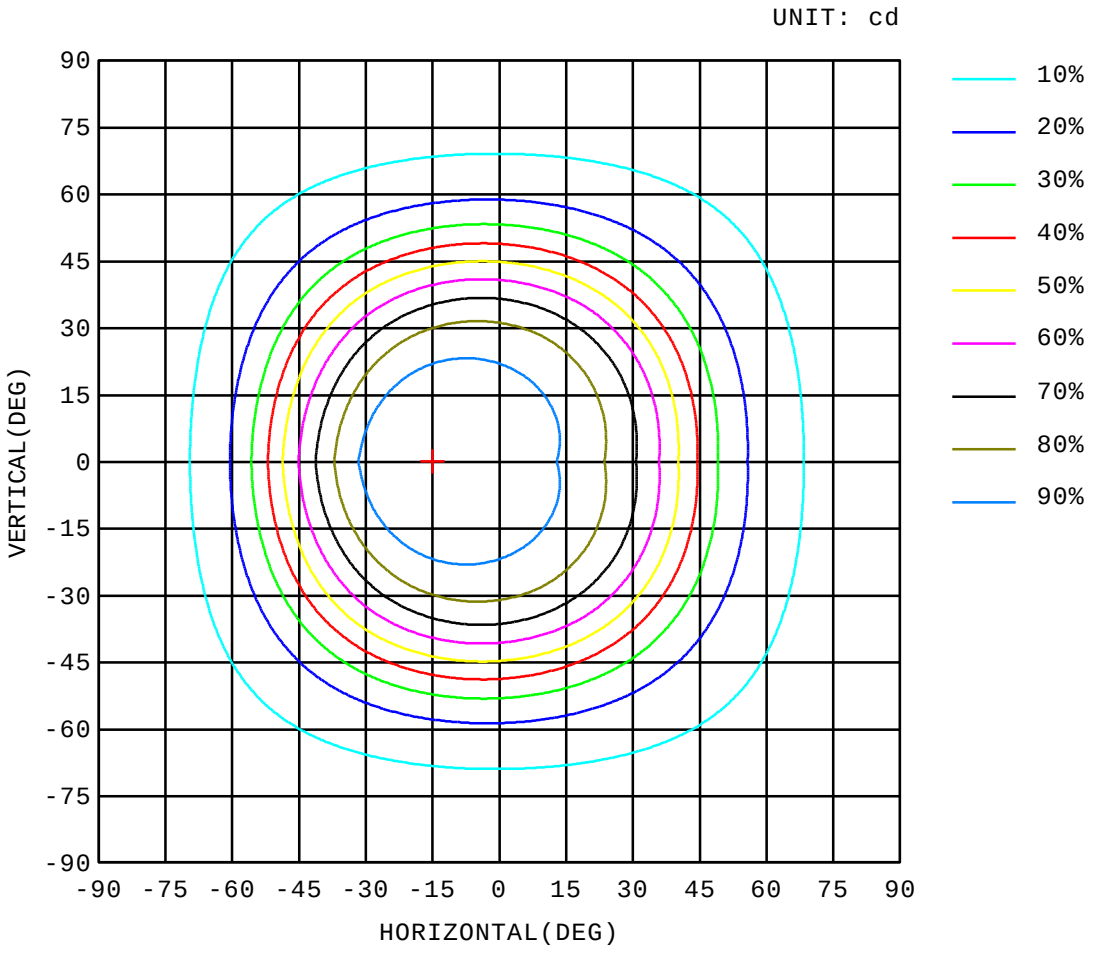
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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



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: