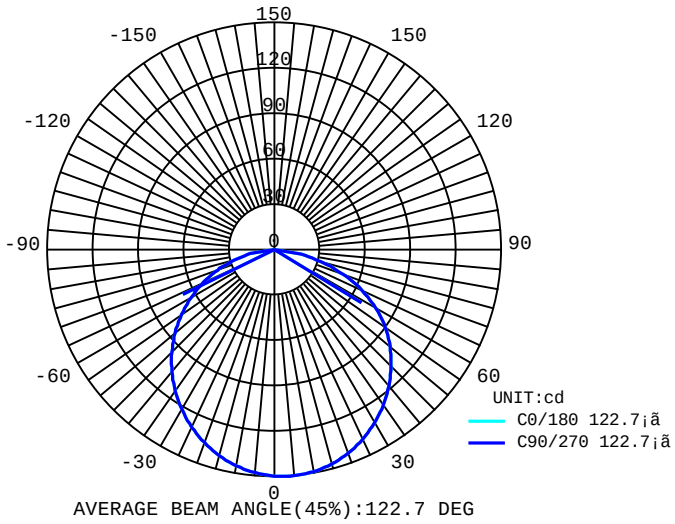
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO 2.0, 3W, 3000K, 24V, dimmable, CRI98	SKU: LUMO-W-4000-24V-3W-2.0	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	150.4	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	435.52	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	148.7	Current(A)	0.122
NOMINAL FLUX(lm)	435.5	η up(%)	0.0	Power(W)	2.928
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	434.6	EEI	0.074(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):122.7 DEG

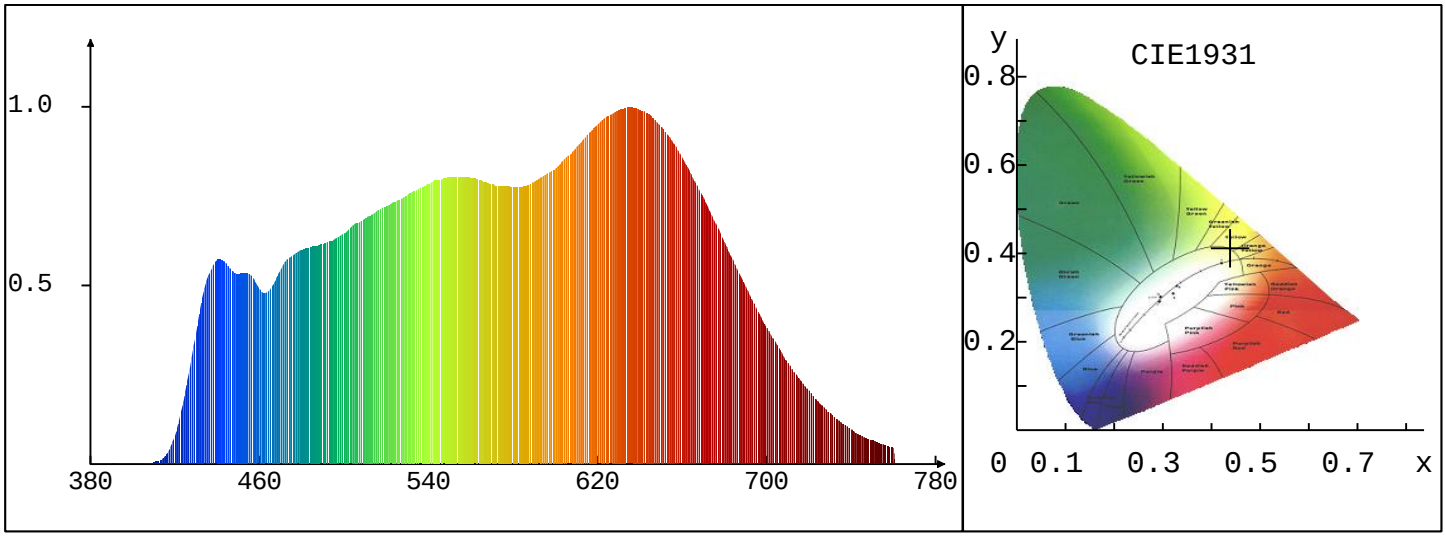
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4037K Chro. Coor.: xa=0.3800 ya=0.3803 u'a=0.2234 v'a=0.5031 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3800 y=0.3803 u'=0.2234 v'=0.5031 duv=0.0018

CCT: 4037K Dominant Wave: 578.0nm Purity: 28.2% Light Intensity: 371.9cd

Flux RGB Ratio: R=43.8%,G=36.2%,B=20.0% Peak Wave: 633.8nm Half Width: 226.2nm

Rendering Index: Ra= 97.8

R1 =97	R2 =99	R3 =97	R4 =98	R5 =98	R6 =99	R7 =98	R8 =96
R9 =92	R10=99	R11=97	R12=95	R13=98	R14=98	R15=97	

Instrument State

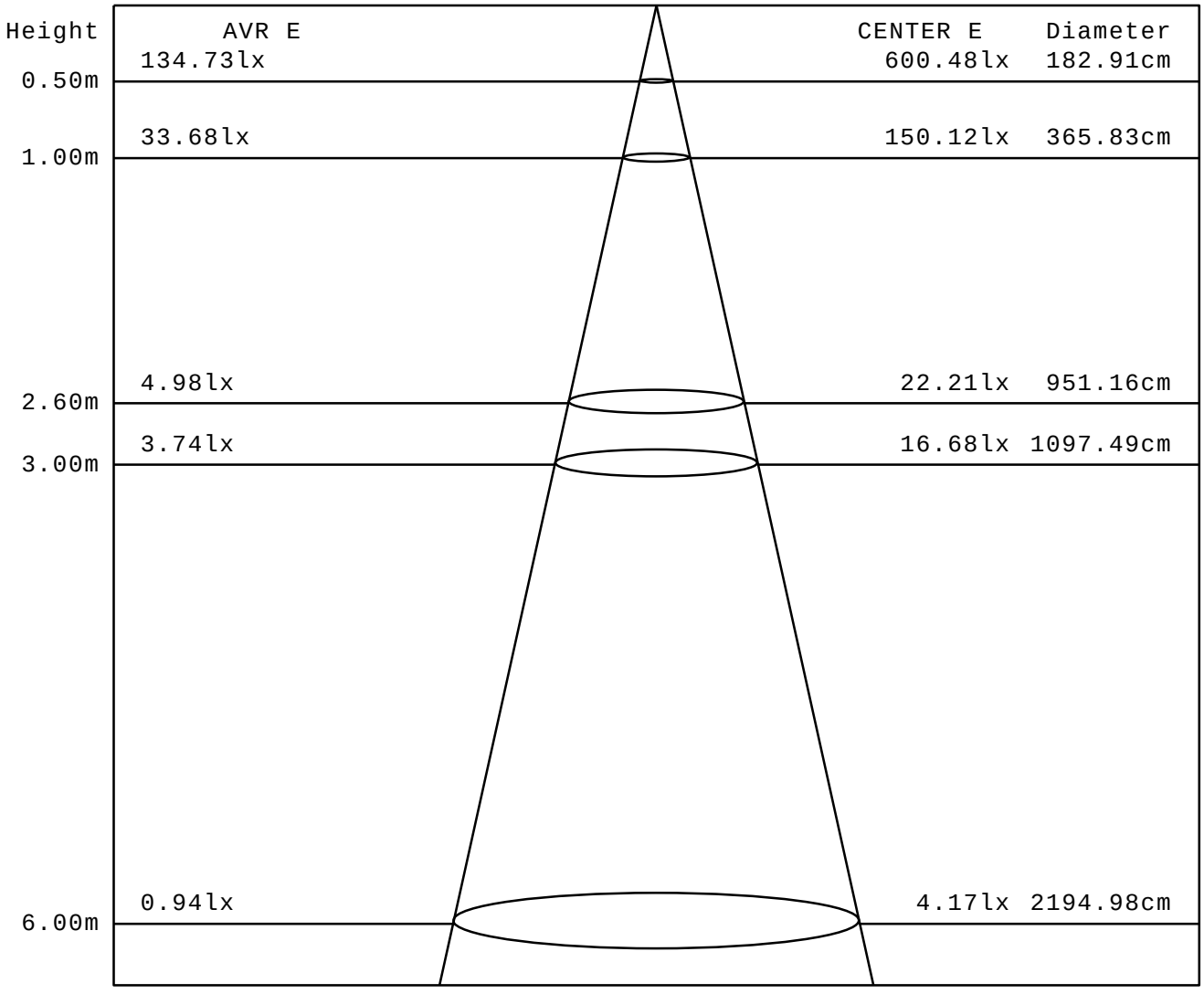
Scan Range: 380nm-780nmIntegral Time: 380.0ms Peak Signal: 380000 Dark Signal: 49327

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



Angle:122.7deg

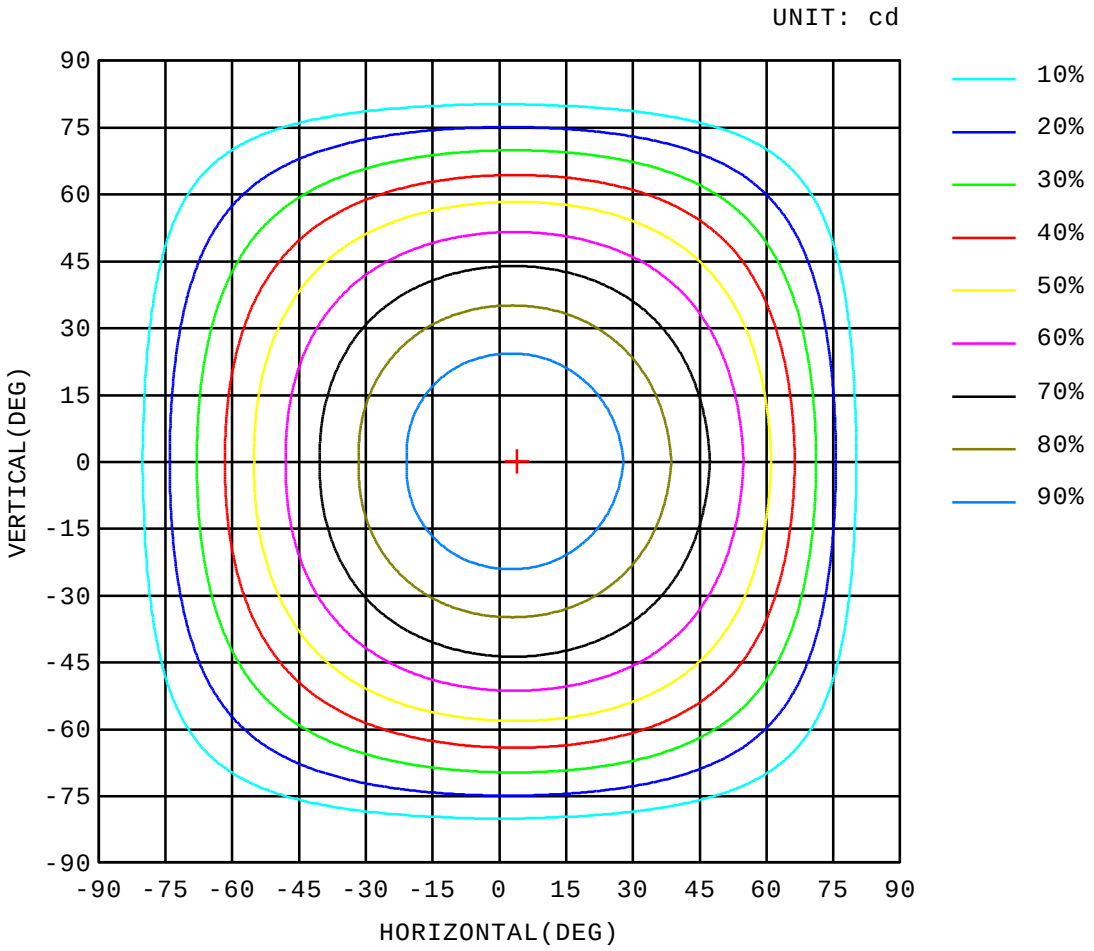
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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