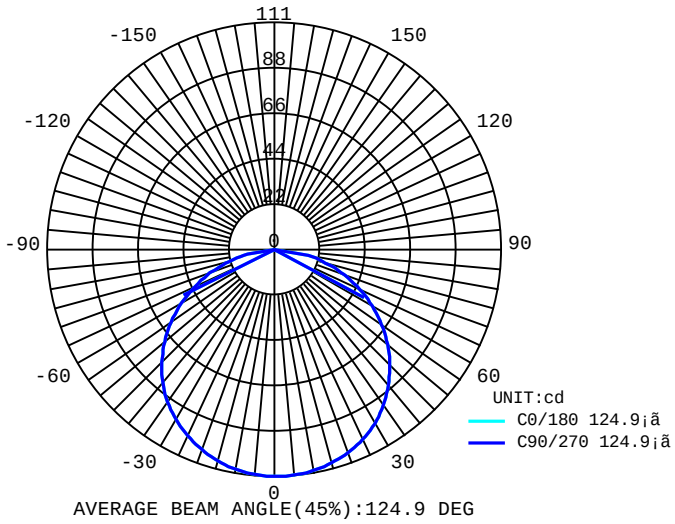
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL LIGHT, colour temperature adjustable, dimmable, 8W, CRI95	SKU: Panel-light-CCT-8W	TYPE: LED
SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	110.5	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	332.23	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	80.5	Current(A)	0.172
NOMINAL FLUX(lm)	332.2	η up(%)	0.0	Power(W)	4.128
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	331.4	EEI	0.128(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):124.9 DEG

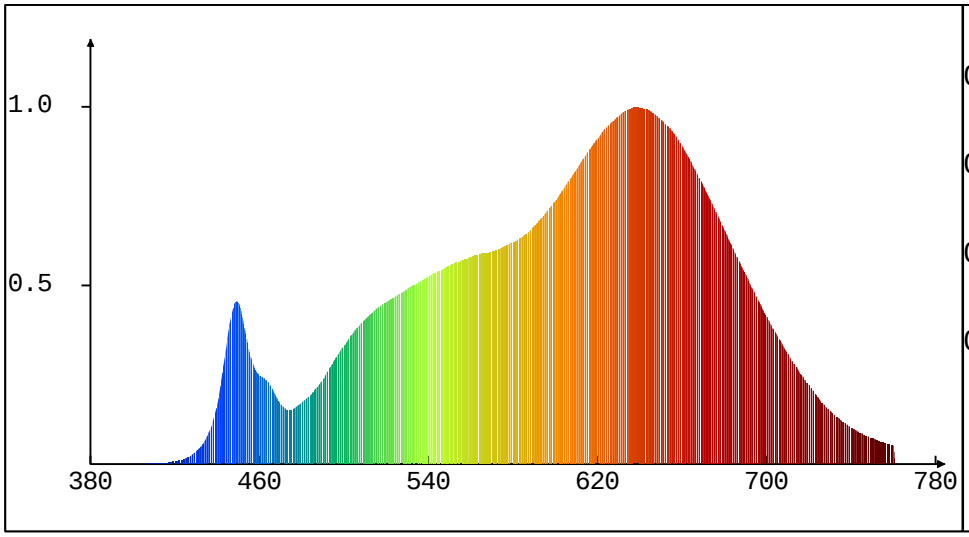
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

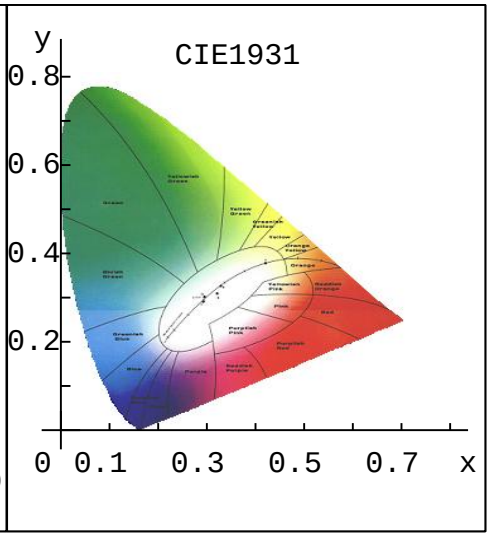
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 2863K Chro. Coor.: xa=0.4464 ya=0.4062 u'a=0.2558 v'a=0.5236 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4464 y=0.4062 u'=0.2558 v'=0.5236 duv=-0.0004

CCT: 2863K Dominant Wave: 583.5nm Purity: 55.9% Light Intensity: 356.6cd

Flux RGB Ratio: R=56.7%,G=33.1%,B=10.3% Peak Wave: 636.8nm Half Width: 160.3nm

Rendering Index: Ra= 97.2

R1 =97	R2 =99	R3 =94	R4 =95	R5 =98	R6 =98	R7 =98	R8 =98
R9 =99	R10=97	R11=92	R12=90	R13=98	R14=96	R15=98	

Instrument State

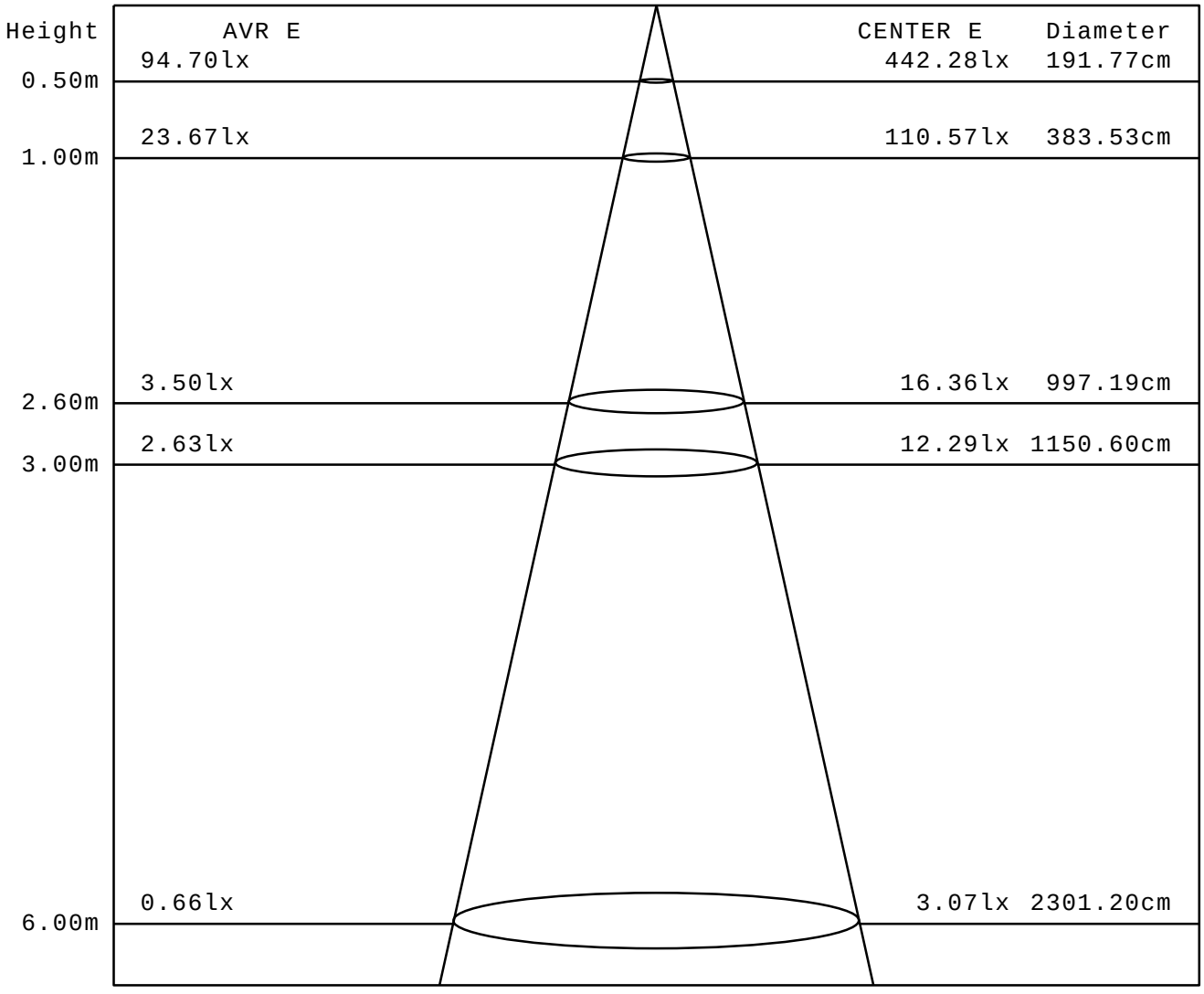
Scan Range: 380nm-780nmIntegral Time: 400.0ms Peak Signal: 400000 Dark Signal: 59852

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		
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SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:124.9deg

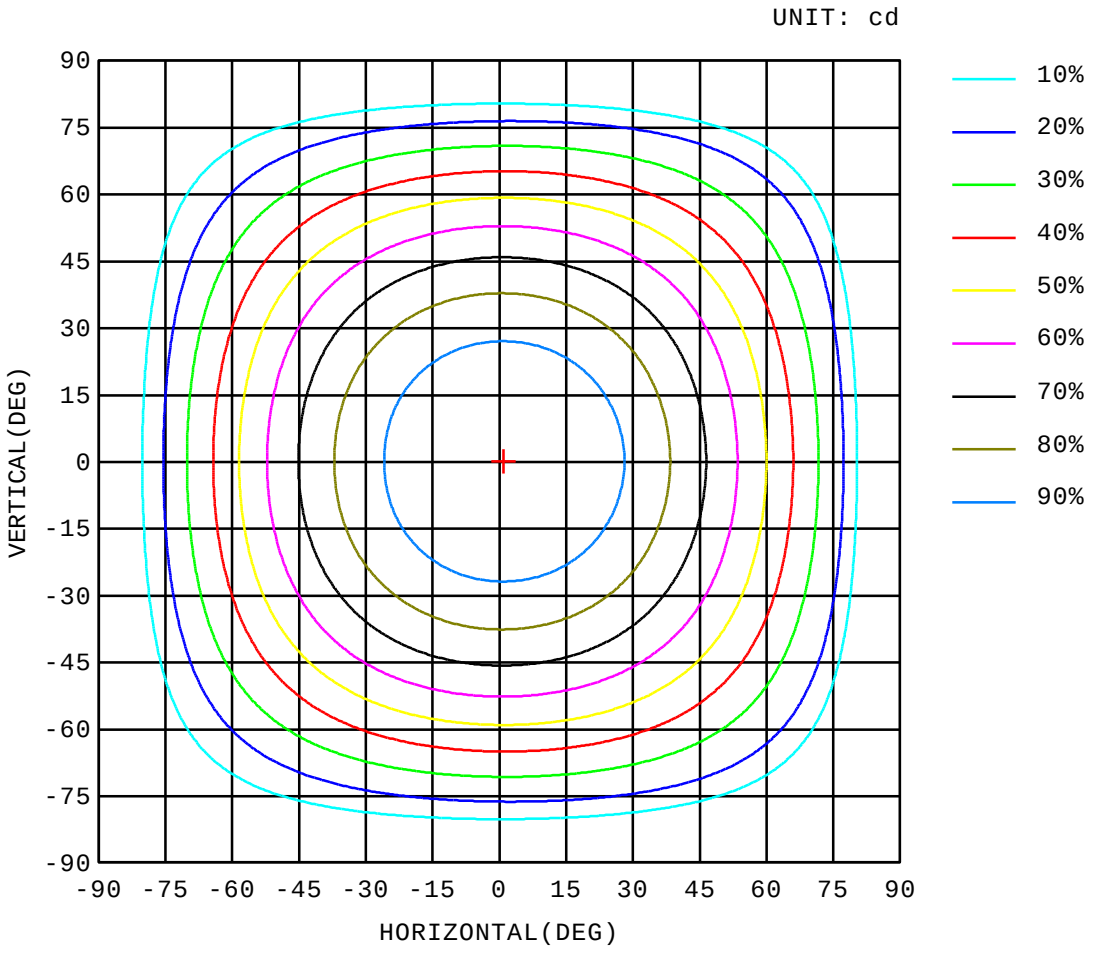
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: