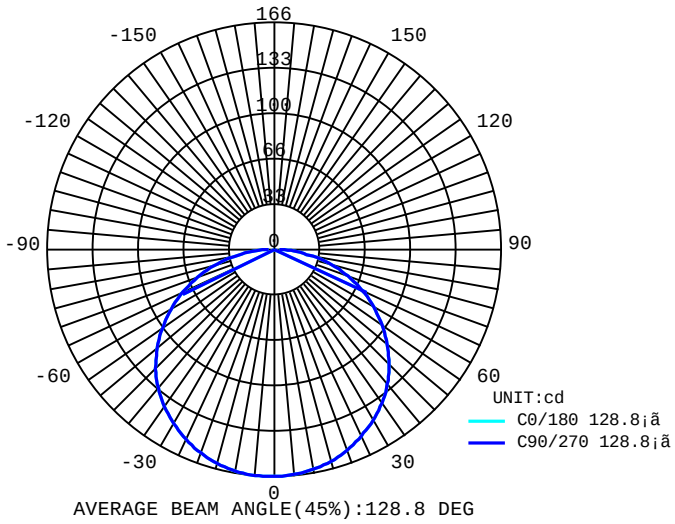
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL 150x150, TUNNELMA, colour temperature adjustable, dimmable, 9W, CRI98, IP54	SKU: PANEL150-CCT	TYPE: LED
SPECIFICATION: LED panel, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	166.0	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	535.01	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	63.7	Current(A)	0.350
NOMINAL FLUX(lm)	535.0	η up(%)	0.0	Power(W)	8.400
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	528.8	EEI	0.182(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):128.8 DEG

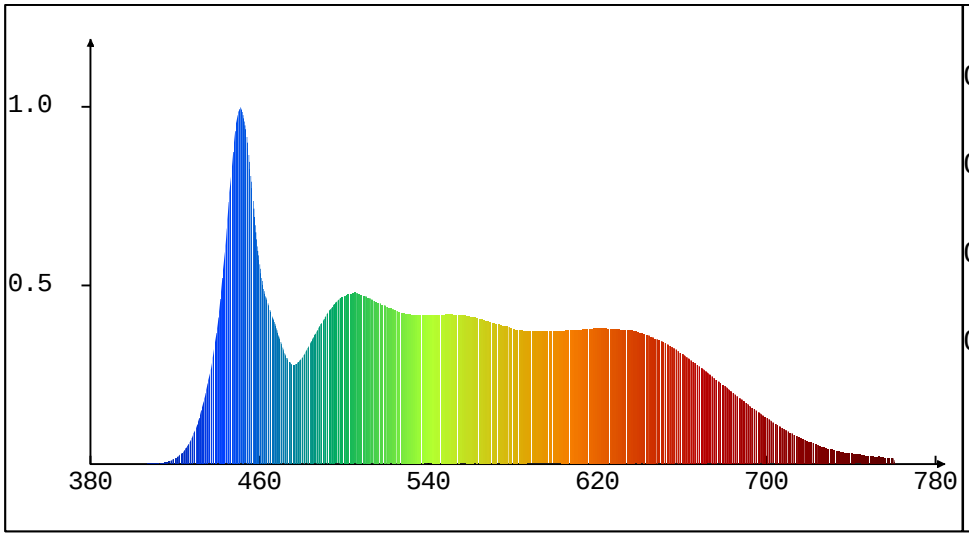
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

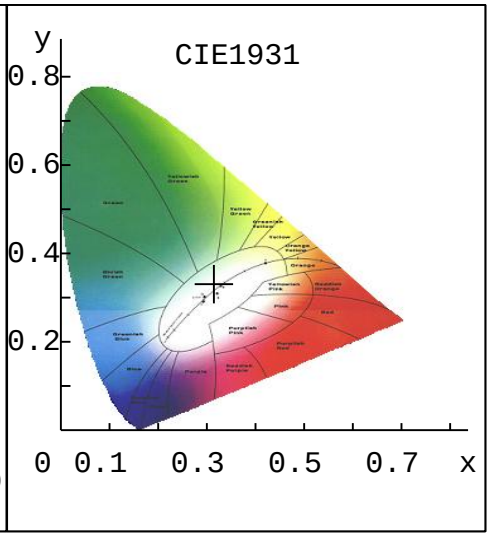
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 6370K Chro. Coor.: xa=0.3153 ya=0.3279 u'a=0.2001 v'a=0.4681 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3154 y=0.3279 u'=0.2001 v'=0.4681 duv=0.0013

CCT: 6370K Dominant Wave: 487.8nm Purity: 6.5% Light Intensity: 547.7cd

Flux RGB Ratio: R=31.4%,G=37.8%,B=30.8% Peak Wave: 449.7nm Half Width: 19.5nm

Rendering Index: Ra= 98.1

R1 =97	R2 =99	R3 =98	R4 =98	R5 =99	R6 =96	R7 =100	R8 =98
R9 =95	R10=99	R11=94	R12=80	R13=98	R14=99	R15=97	

Instrument State

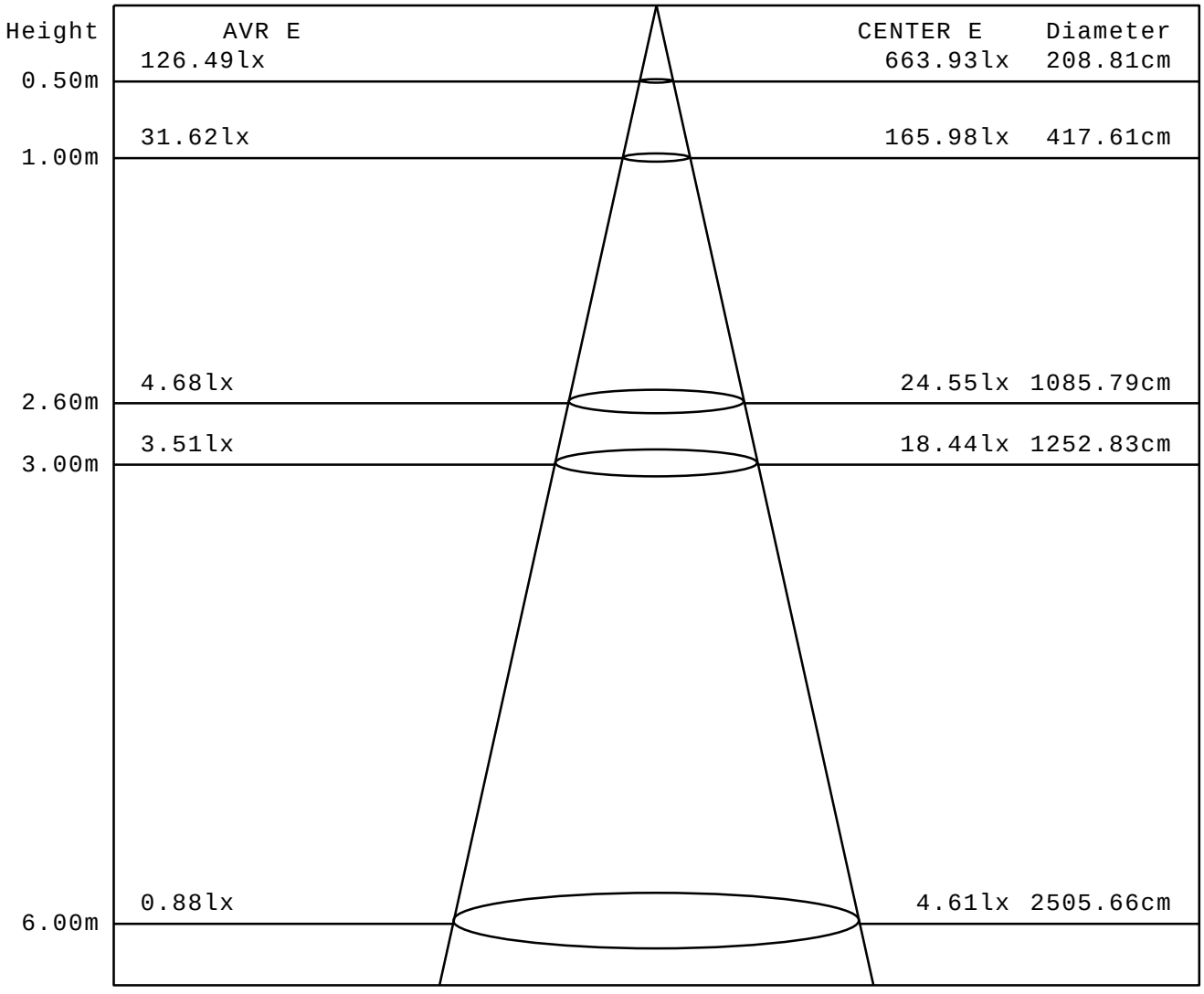
Scan Range: 380nm-780nmIntegral Time: 130.0ms Peak Signal: 130000 Dark Signal: 52123

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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Angle:128.8deg

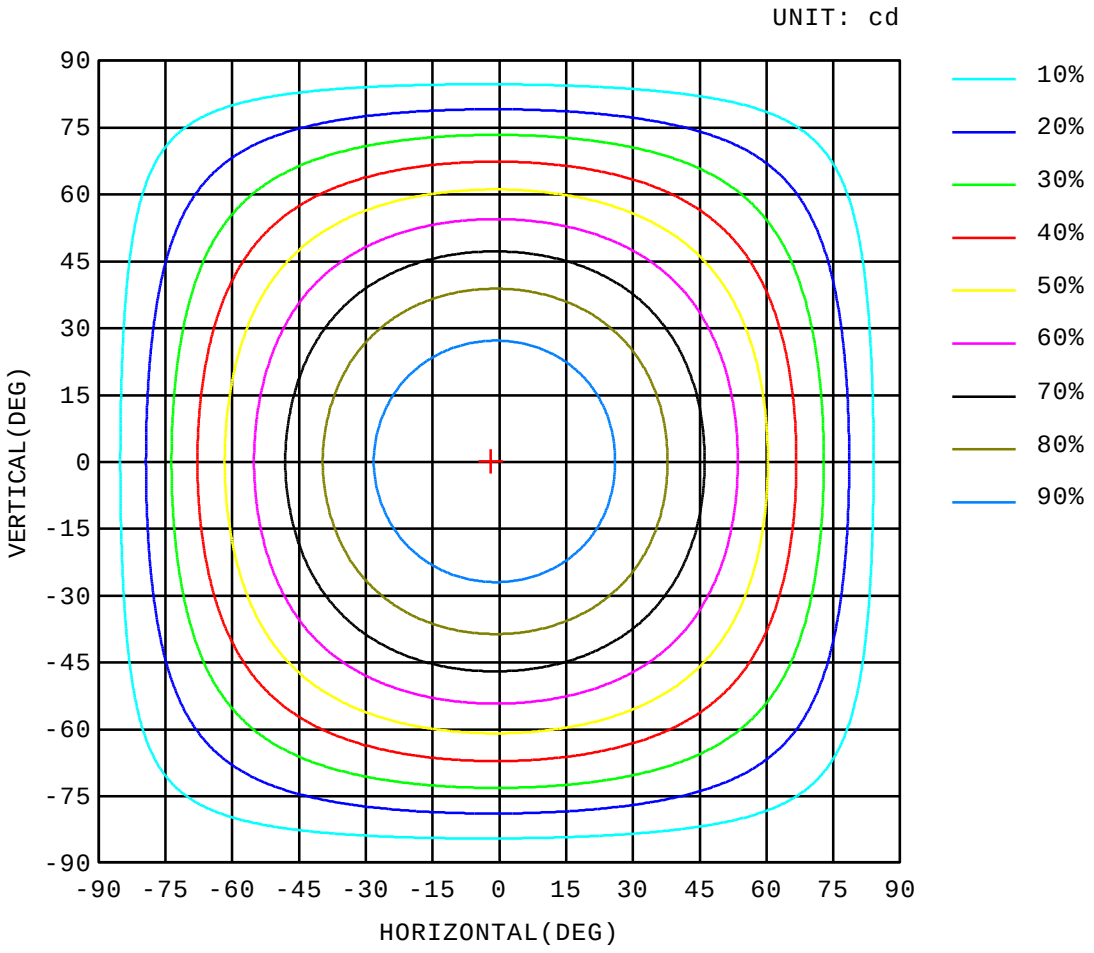
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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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:

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