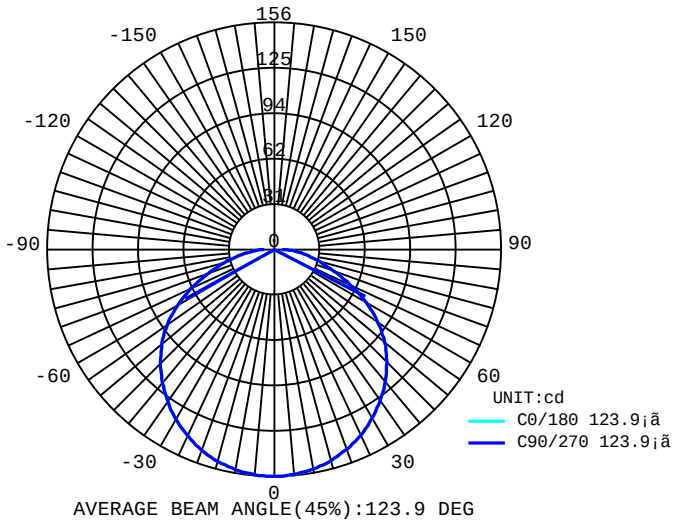
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL 120x120, TUNNELMA, colour temperature adjustable, dimmable, 6W, CRI98, IP54	SKU: PANEL120-CCT	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)	155.8	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	476.97	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	73.6	Current(A)	0.270
NOMINAL FLUX(lm)	477.0	η up(%)	0.0	Power(W)	6.480
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	470.4	EEI	0.154(A+)

LUMINOUS INTENSITY DISTRIBUTION



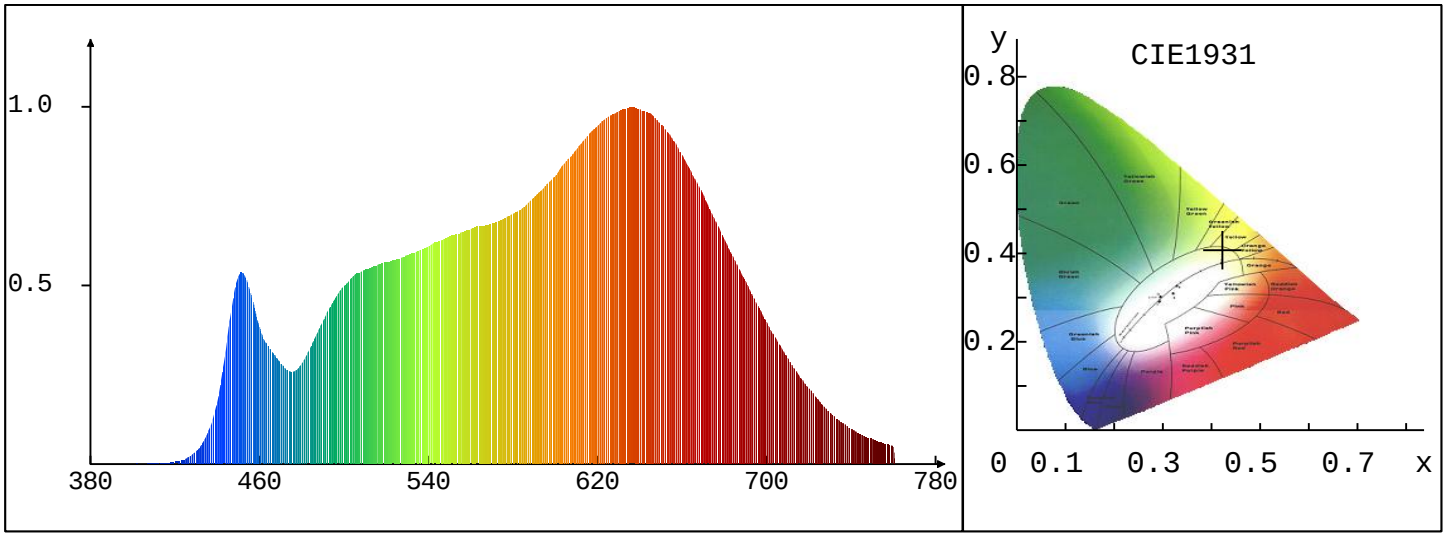
AVERAGE BEAM ANGLE(45%):123.9 DEG

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:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL 120x120, TUNNELMA, colour temperature adjustable, dimmable, 6W, CRI98, IP54	SKU: PANEL120-CCT	TYPE: LED
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Avg Chro. Para.

CCT: 3235K Chro. Coor.: xa=0.4235 ya=0.4035 u'a=0.2422 v'a=0.5191 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4235 y=0.4035 u'=0.2422 v'=0.5191 duv=0.0018

CCT: 3235K Dominant Wave: 581.2nm Purity: 48.2% Light Intensity: 500.9cd

Flux RGB Ratio: R=51.5%,G=35.3%,B=13.3% Peak Wave: 636.8nm Half Width: 191.2nm

Rendering Index: Ra= 97.6

R1 =97	R2 =99	R3 =98	R4 =96	R5 =97	R6 =97	R7 =98	R8 =98
R9 =99	R10=98	R11=93	R12=88	R13=97	R14=98	R15=98	

Instrument State

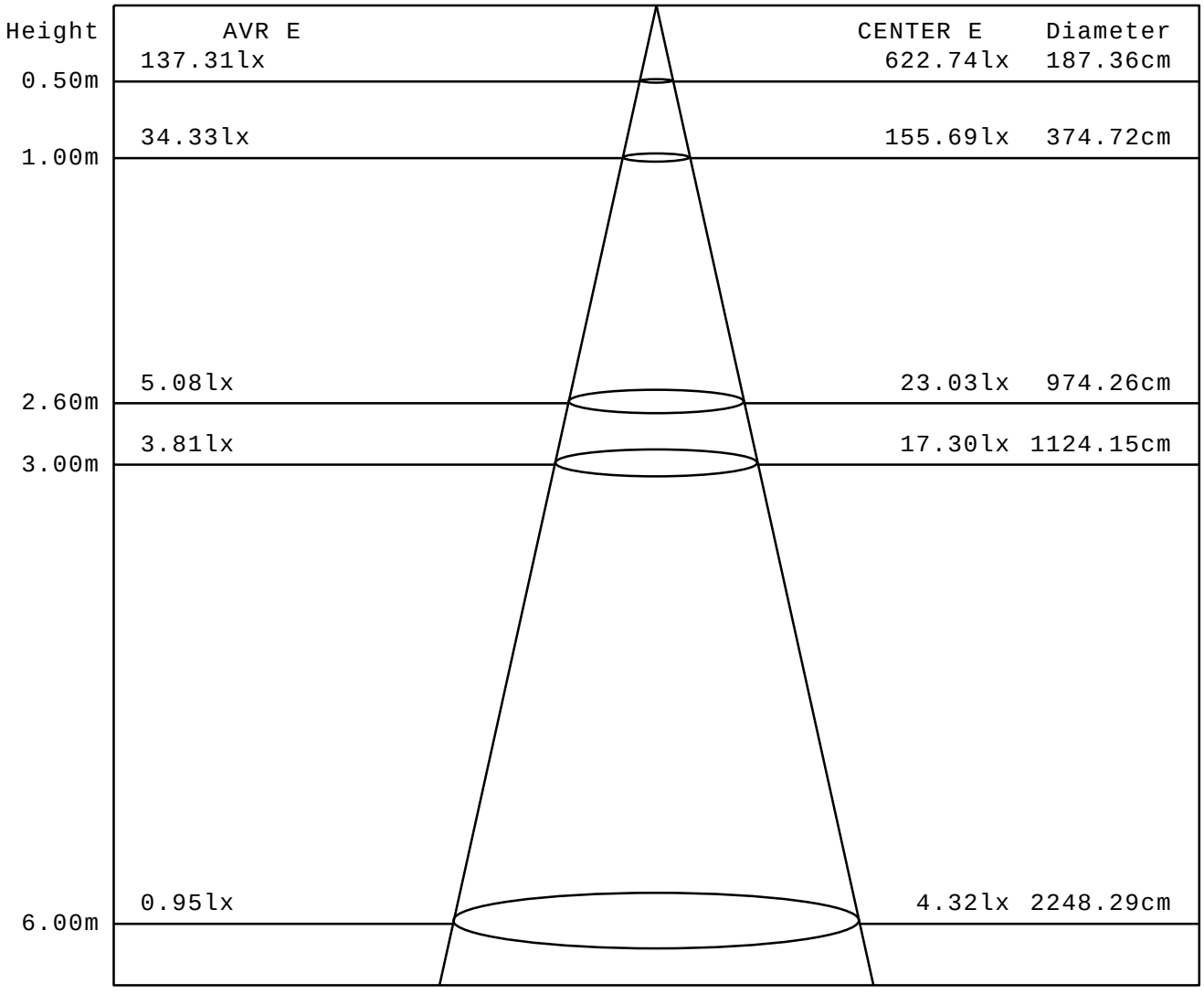
Scan Range: 380nm-780nmIntegral Time: 280.0ms Peak Signal: 280000 Dark Signal: 53905

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:123.8deg

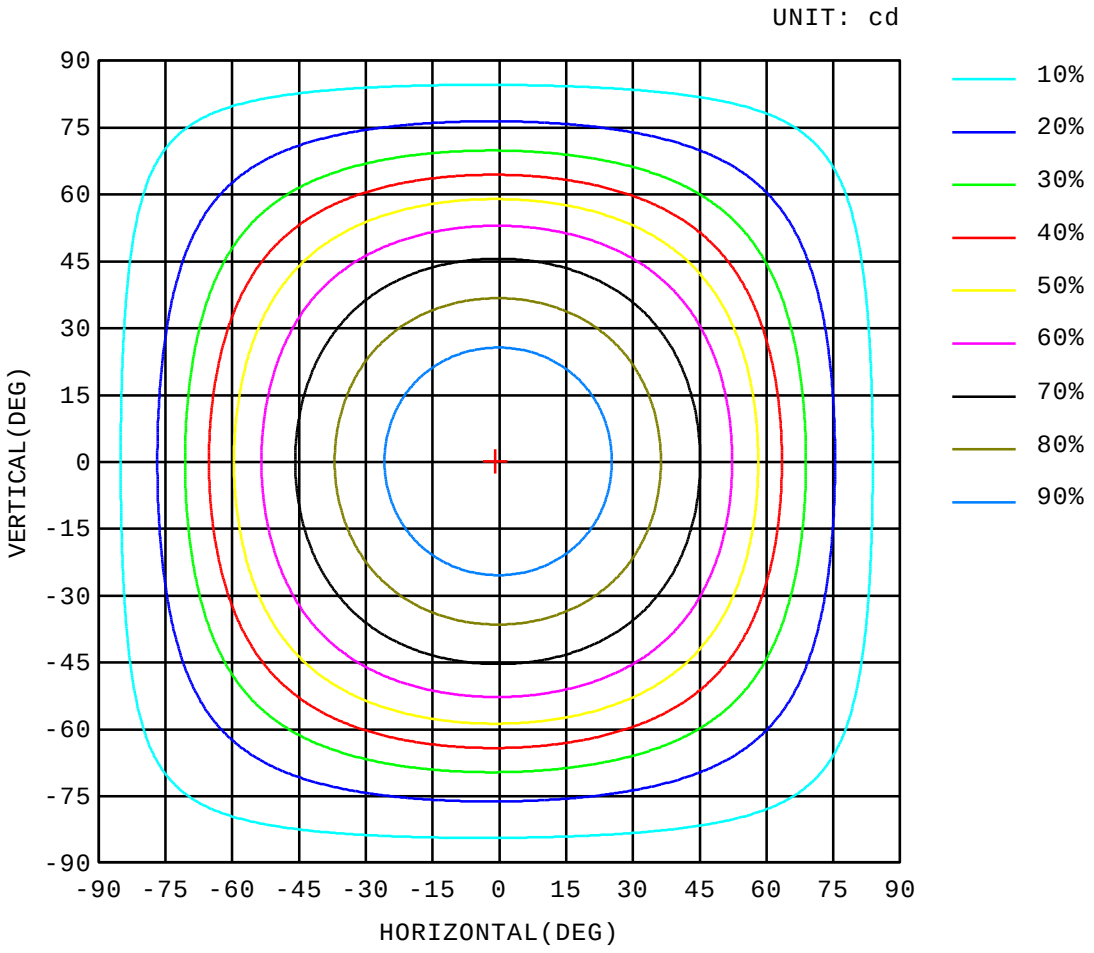
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: