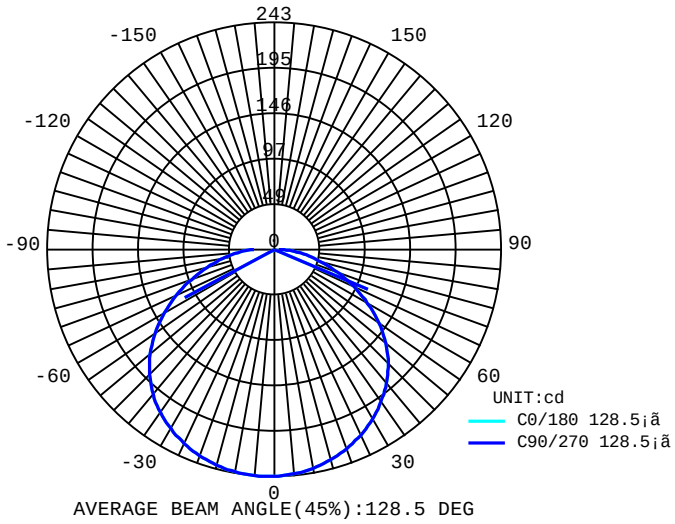
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL ø160, Dimmable, dimmable, dimmable, 10W, CRI97, IP54	SKU: Plafond160-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)	243.1	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	795.67	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	82.9	Current(A)	0.400
NOMINAL FLUX(lm)	795.7	η up(%)	0.0	Power(W)	9.600
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	788.6	EEI	0.152(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):128.5 DEG

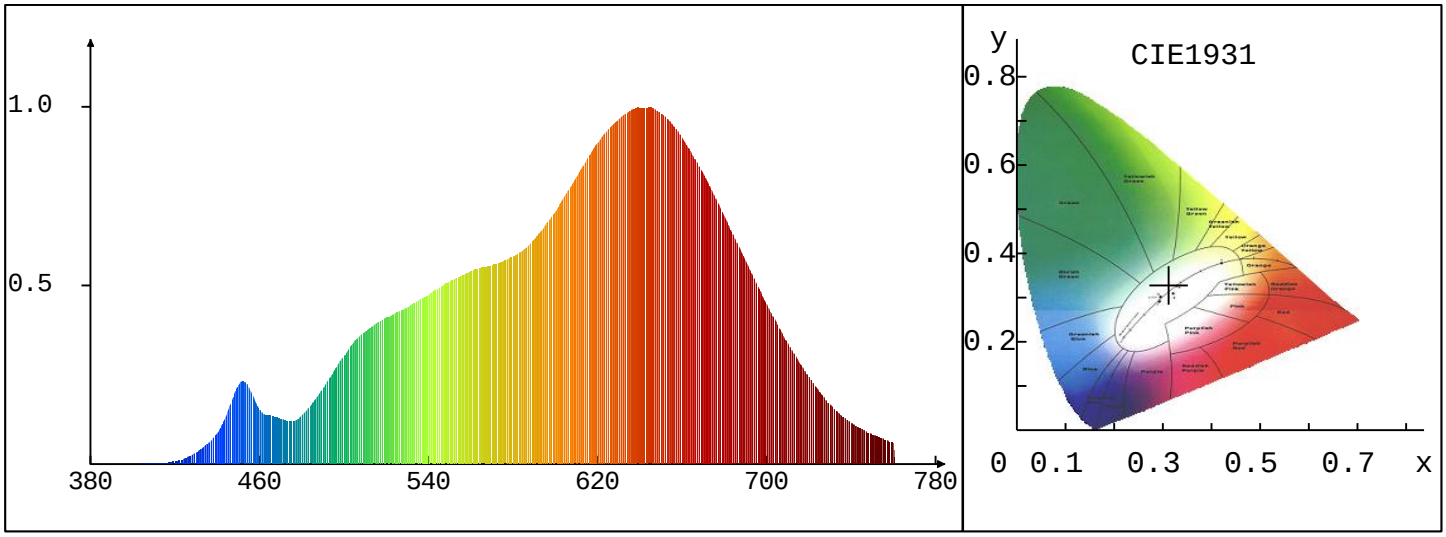
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2658K Chro. Coor.: xa=0.4705 ya=0.4240 u'a=0.2633 v'a=0.5339 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4704 y=0.4240 u'=0.2633 v'=0.5339 duv=0.0040

CCT: 2658K Dominant Wave: 583.2nm Purity: 68.5% Light Intensity: 776.0cd

Flux RGB Ratio: R=60.7%,G=31.9%,B=7.4% Peak Wave: 644.8nm Half Width: 149.1nm

Rendering Index: Ra= 97.2

R1 =98	R2 =99	R3 =94	R4 =95	R5 =98	R6 =100	R7 =98	R8 =98
R9 =99	R10=96	R11=91	R12=92	R13=98	R14=95	R15=99	

Instrument State

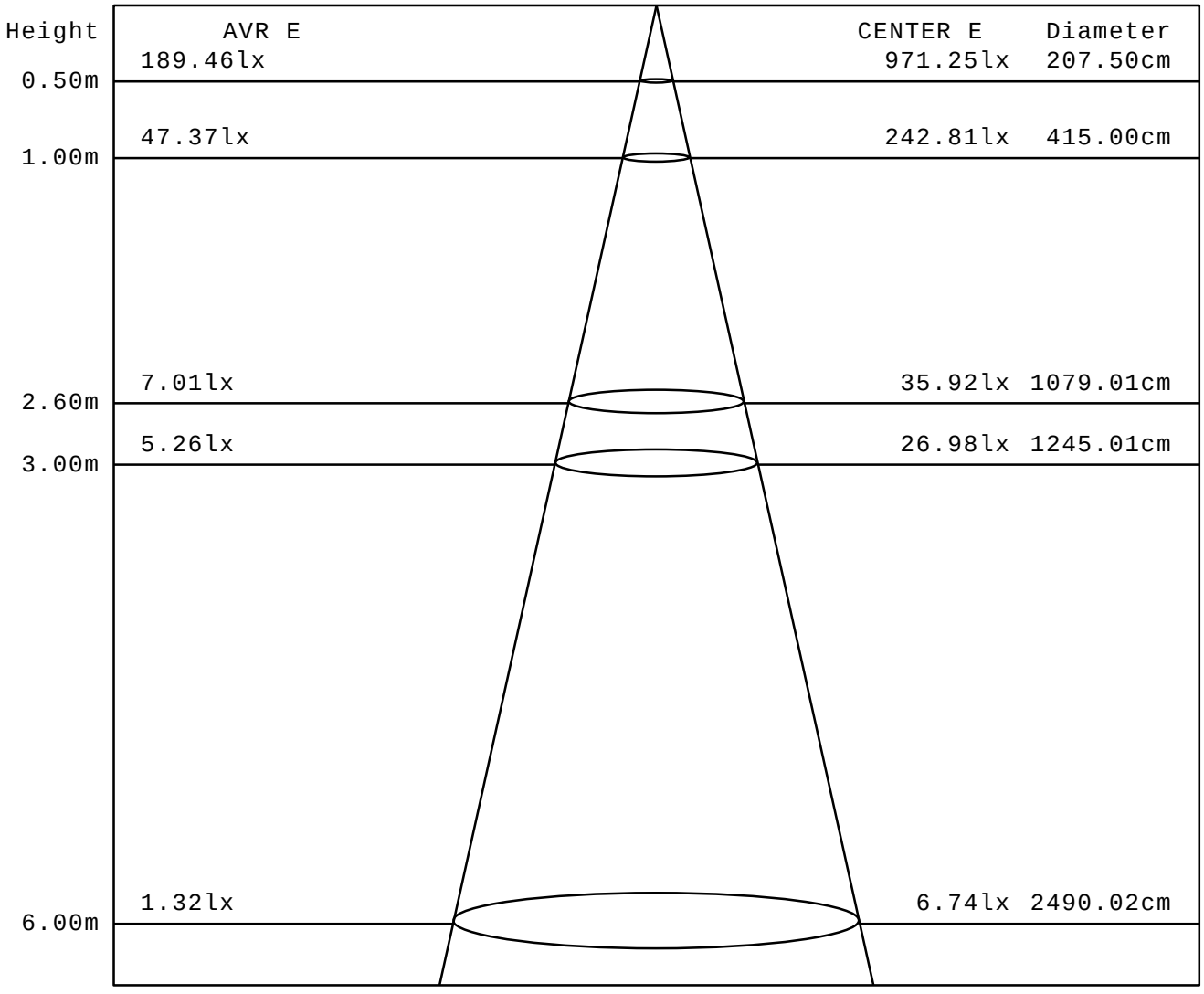
Scan Range: 380nm-780nmIntegral Time: 150.0ms Peak Signal: 150000 Dark Signal: 52079

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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Angle:128.5deg

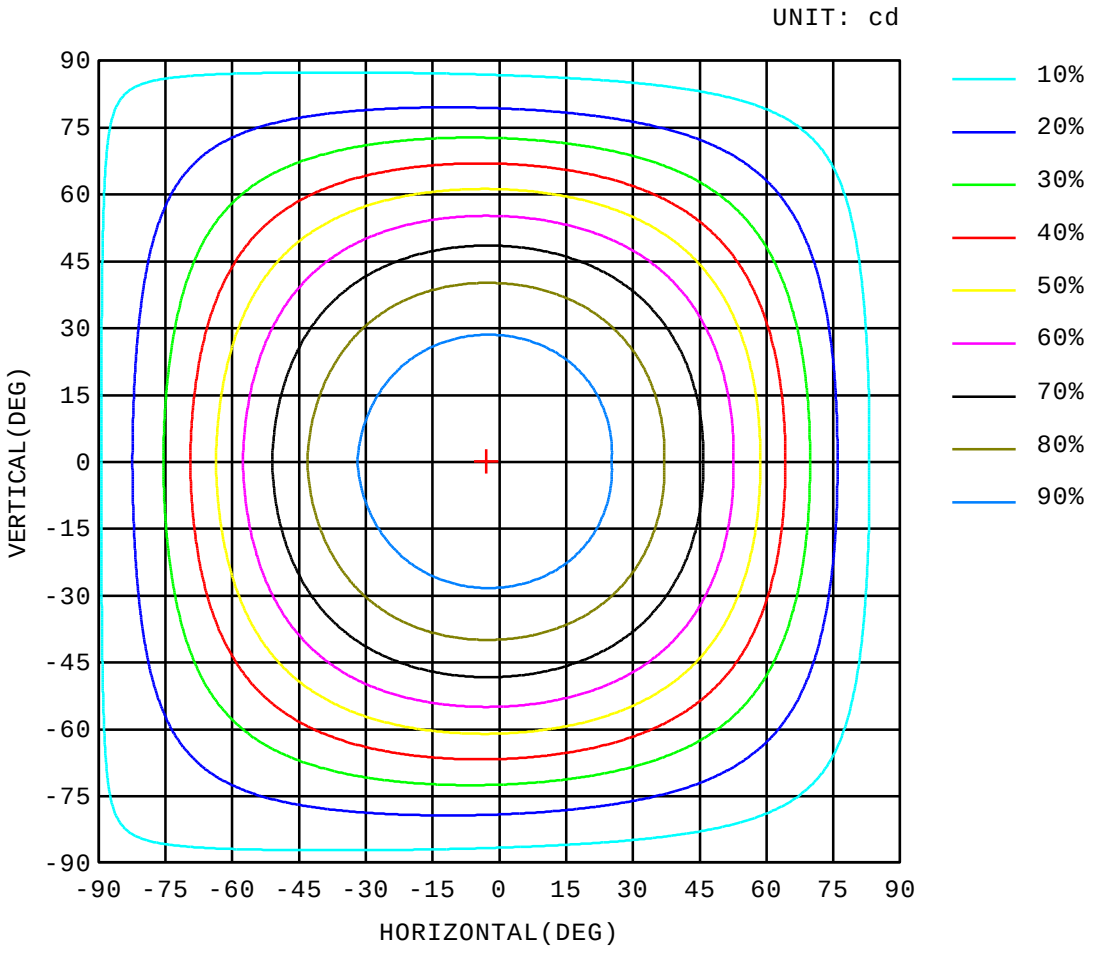
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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