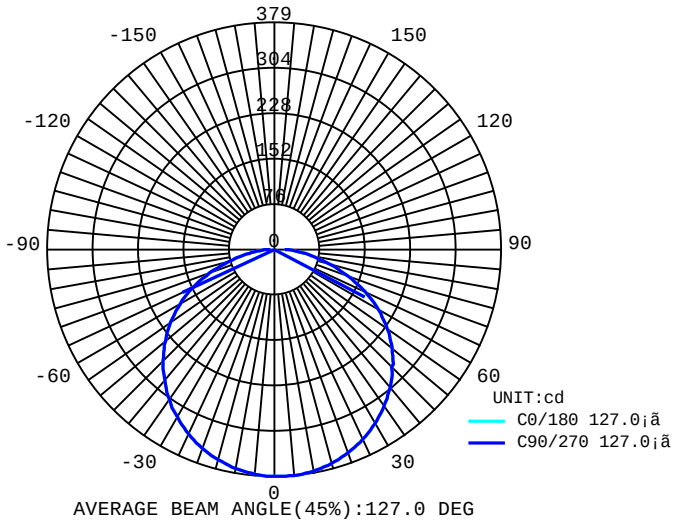
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED PANEL 200x200, TUNNELMA, CCT, dimmable, 15W, CRI98, IP54	SKU: PANEL200-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)	379.4	S/MH(C0/180)	1.32
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1187.9	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	76.2	Current(A)	0.650
NOMINAL FLUX(lm)	1188.0	η up(%)	0.0	Power(W)	15.59
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1170.8	EEI	0.178(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):127.0 DEG

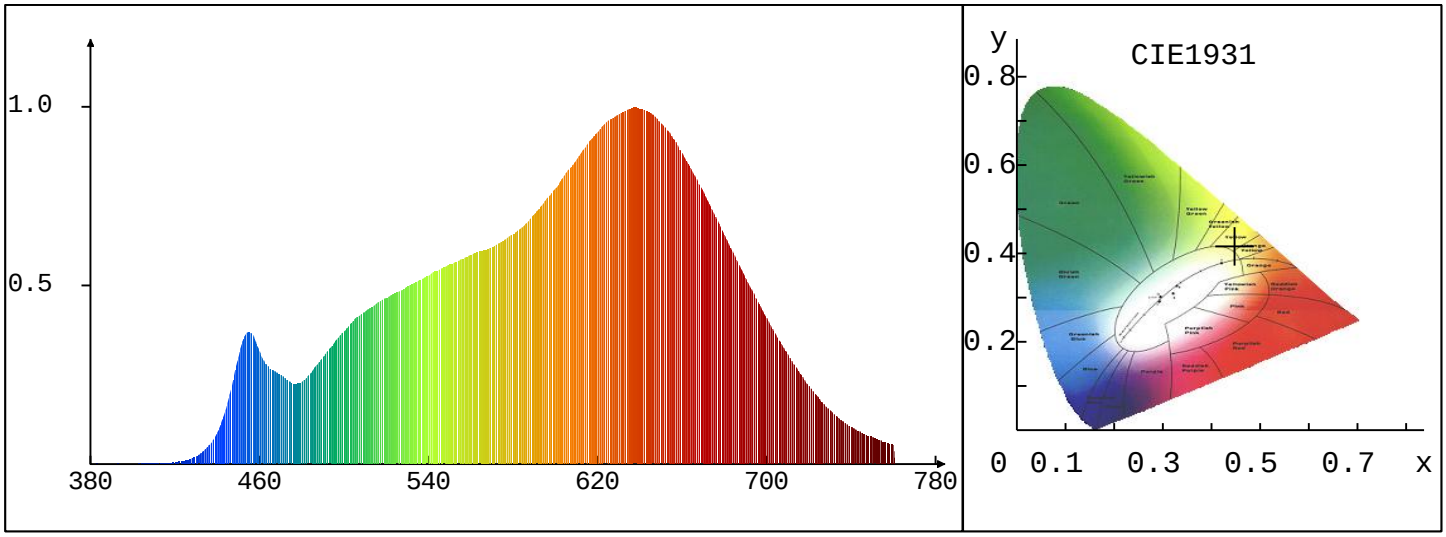
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2887K Chro. Coor.: xa=0.4479 ya=0.4120 u'a=0.2542 v'a=0.5261 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4479 y=0.4120 u'=0.2542 v'=0.5261 duv=0.0017

CCT: 2886K Dominant Wave: 582.8nm Purity: 58.1% Light Intensity: 1191.7cd

Flux RGB Ratio: R=56.0%,G=33.6%,B=10.5% Peak Wave: 636.8nm Half Width: 161.5nm

Rendering Index: Ra= 97.4

R1 =97	R2 =98	R3 =98	R4 =97	R5 =97	R6 =96	R7 =97	R8 =98
R9 =97	R10=98	R11=94	R12=87	R13=97	R14=98	R15=98	

Instrument State

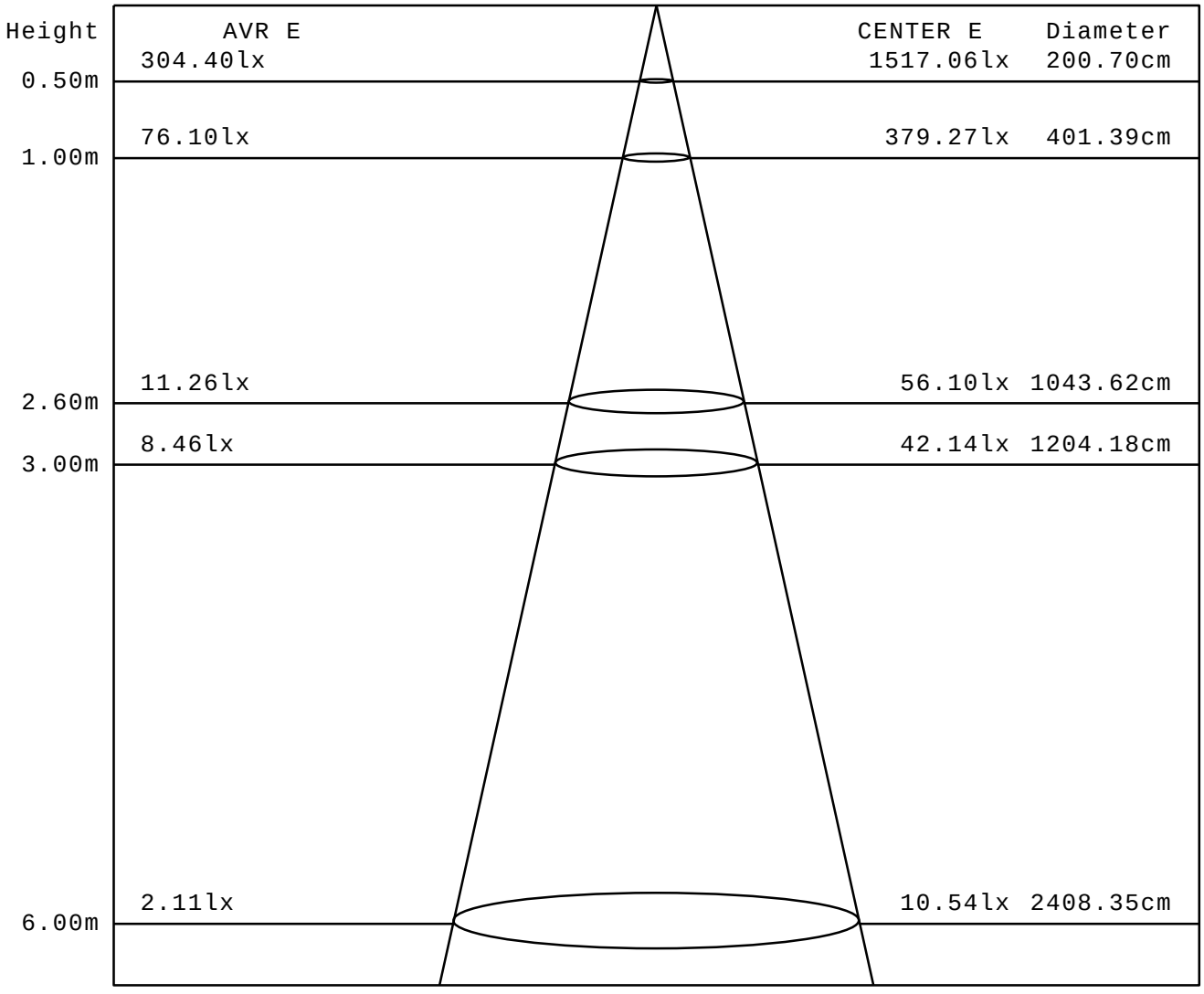
Scan Range: 380nm-780nmIntegral Time: 100.0ms Peak Signal: 100000 Dark Signal: 49885

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:127.0deg

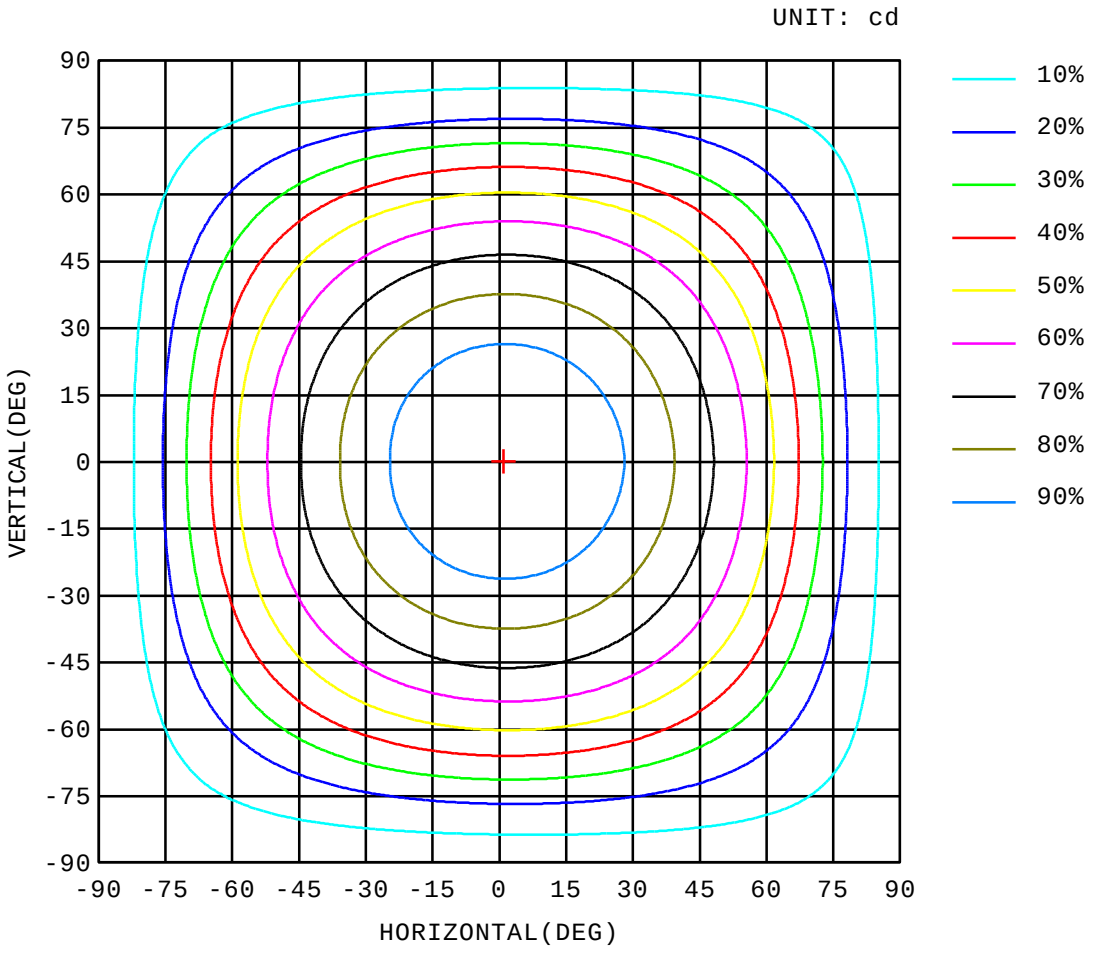
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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