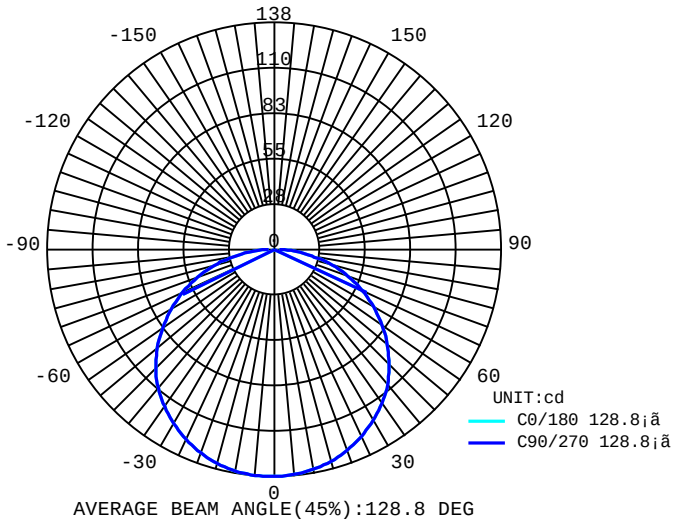
LUMINAIRE PHOTOMETRIC TEST REPORT

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 warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	137.7	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	443.86	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	52.8	Current(A)	0.350
NOMINAL FLUX(lm)	443.9	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)	438.7	EEI	0.210(A)

LUMINOUS INTENSITY DISTRIBUTION



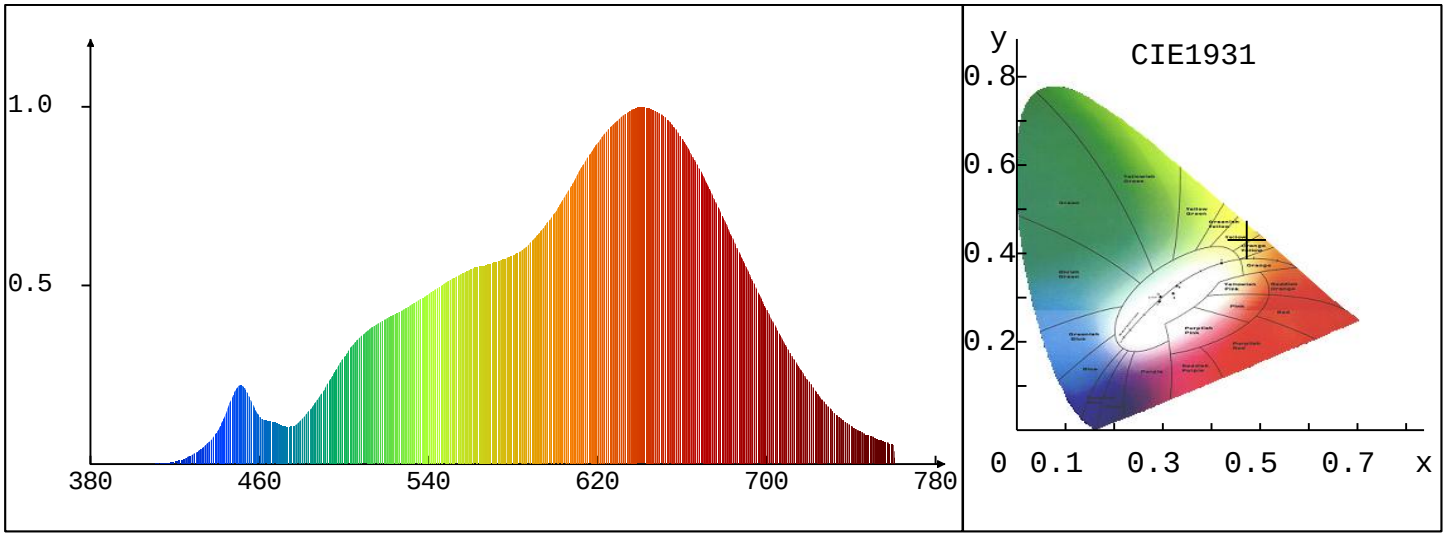
AVERAGE BEAM ANGLE(45%):128.8 DEG

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:



Avg Chro. Para.

CCT: 2649K Chro. Coor.: xa=0.4727 ya=0.4266 u'a=0.2636 v'a=0.5352 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4727 y=0.4266 u'=0.2636 v'=0.5352 duv=0.0047

CCT: 2649K Dominant Wave: 583.1nm Purity: 70.0% Light Intensity: 458.1cd

Flux RGB Ratio: R=60.6%,G=32.4%,B=7.1% Peak Wave: 638.9nm Half Width: 148.2nm

Rendering Index: Ra= 97.3

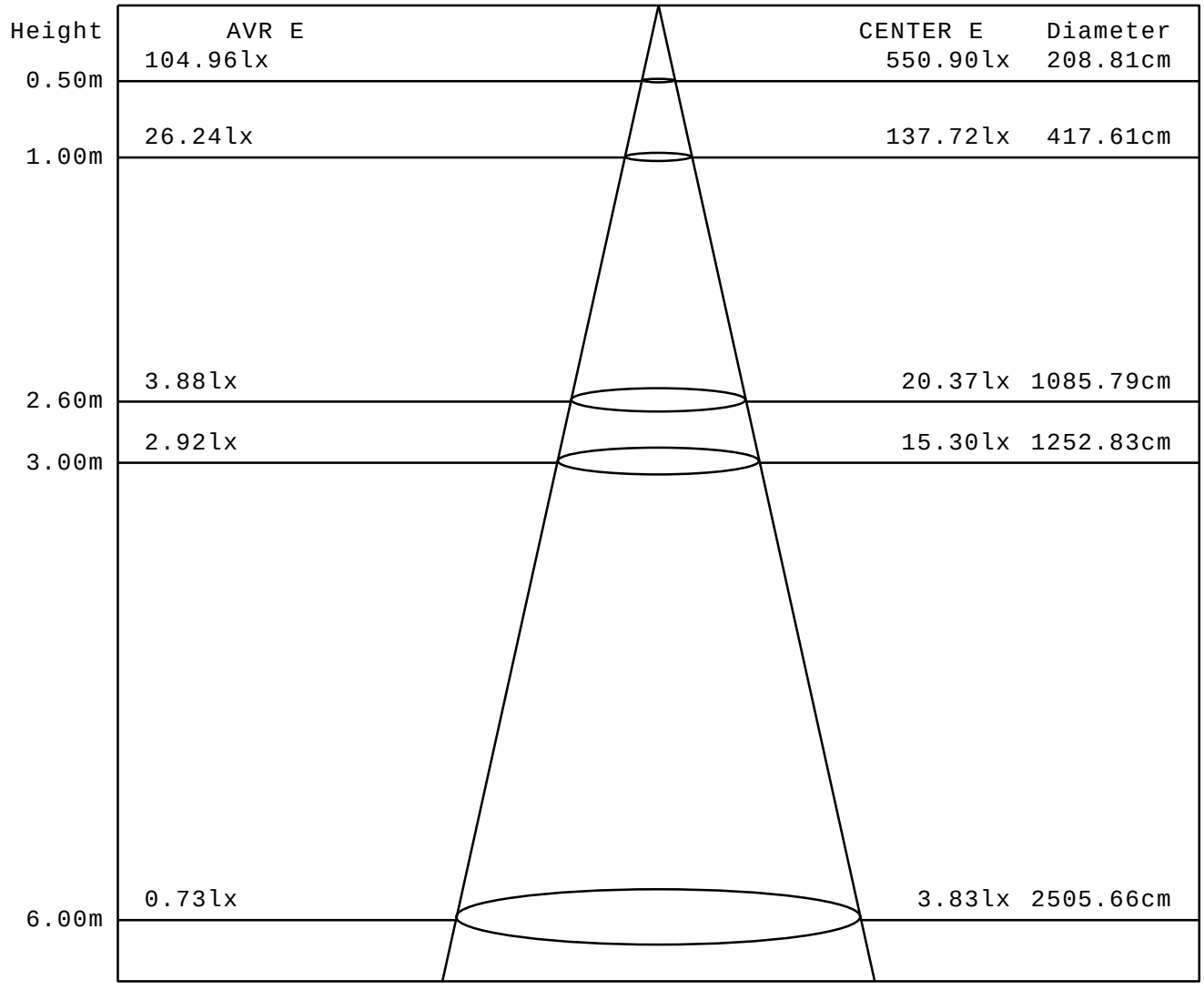
R1 =98	R2 =98	R3 =93	R4 =95	R5 =99	R6 =99	R7 =98	R8 =99
R9 =97	R10=94	R11=92	R12=91	R13=99	R14=95	R15=99	

Instrument State

Scan Range: 380nm-780nmIntegral Time: 270.0ms Peak Signal: 270000 Dark Signal: 55485

AVERAGE AND CENTER E Figure

Report number:



Angle:128.8deg

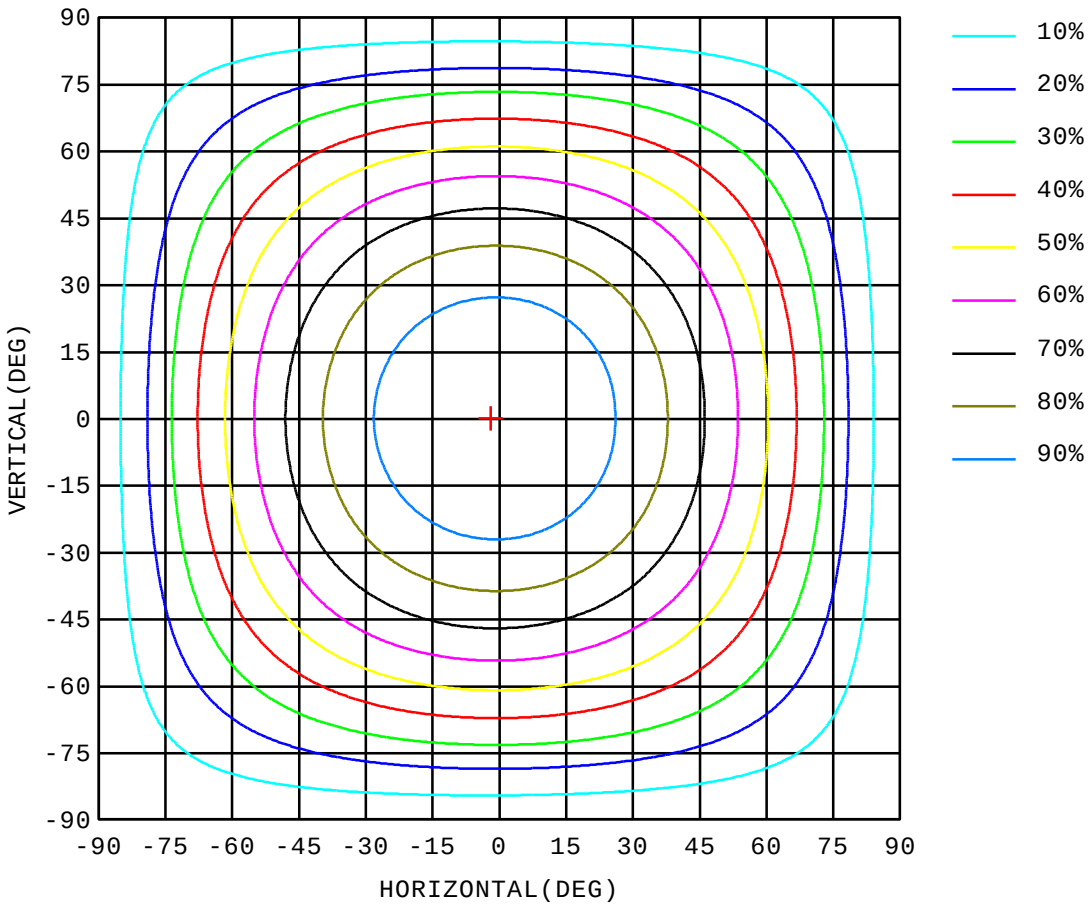
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

UNIT: cd



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: