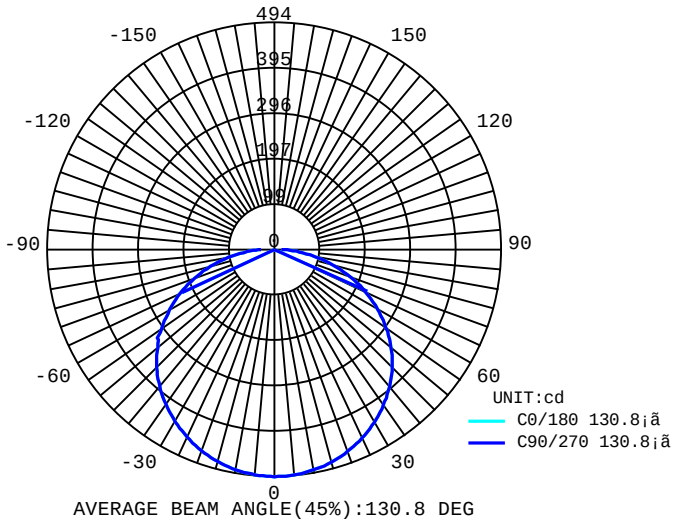
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL 300x300 — UPPOAVA, color changeable (CCT), 16W, dimmable, high CRI97	SKU: PANEL300-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)	493.5	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	1621.8	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	104.0	Current(A)	0.650
NOMINAL FLUX(lm)	1621.8	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)	1606.8	EEI	0.132(A+)

LUMINOUS INTENSITY DISTRIBUTION



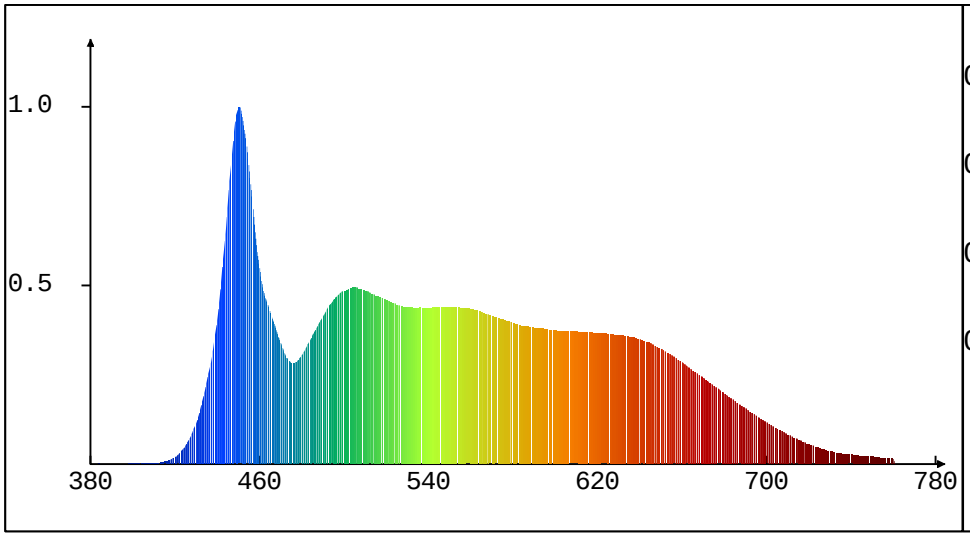
AVERAGE BEAM ANGLE(45%):130.8 DEG

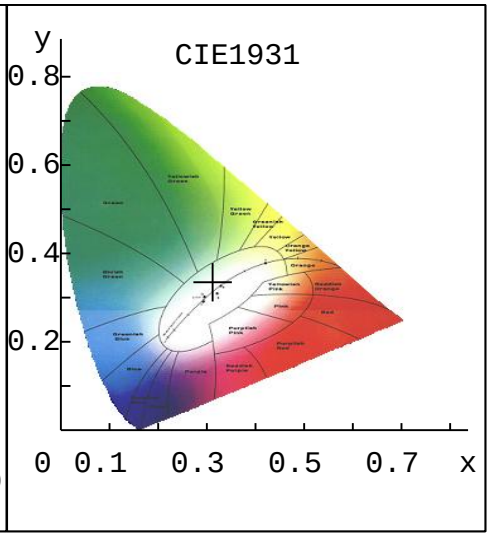
Test System:HopooColor HP880	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:1.000 m
Test Date:09-20-2024	Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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Avg Chro. Para.

CCT: 6498K Chro. Coor.: xa=0.3125 ya=0.3318 u'a=0.1967 v'a=0.4698 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3125 y=0.3318 u'=0.1967 v'=0.4698 duv=0.0047

CCT: 6497K Dominant Wave: 490.8nm Purity: 7.1% Light Intensity: 1480.6cd

Flux RGB Ratio: R=29.5%,G=39.2%,B=31.3% Peak Wave: 449.5nm Half Width: 19.5nm

Rendering Index: Ra= 96.7

R1 =96	R2 =98	R3 =98	R4 =97	R5 =96	R6 =95	R7 =98	R8 =95
R9 =86	R10=95	R11=96	R12=77	R13=97	R14=99	R15=95	

Instrument State

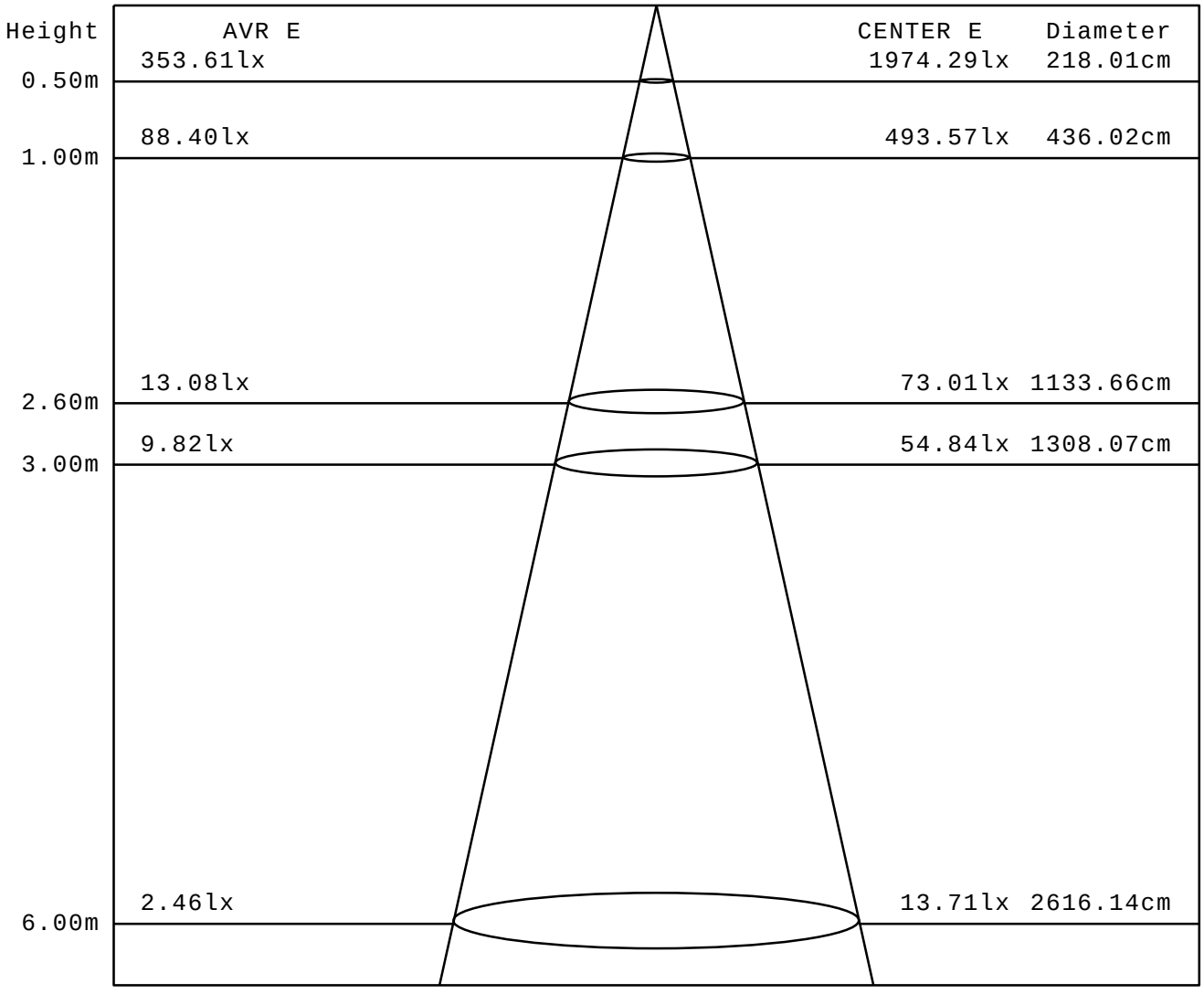
Scan Range: 380nm-780nmIntegral Time: 53.0ms Peak Signal: 53000 Dark Signal: 55727

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		
NAME: Recessed LED PANEL 300x300 — UPPOAVA, color changeable (CCT), 16W, dimmable, high CRI97	SKU: PANEL300-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



Angle:130.7deg

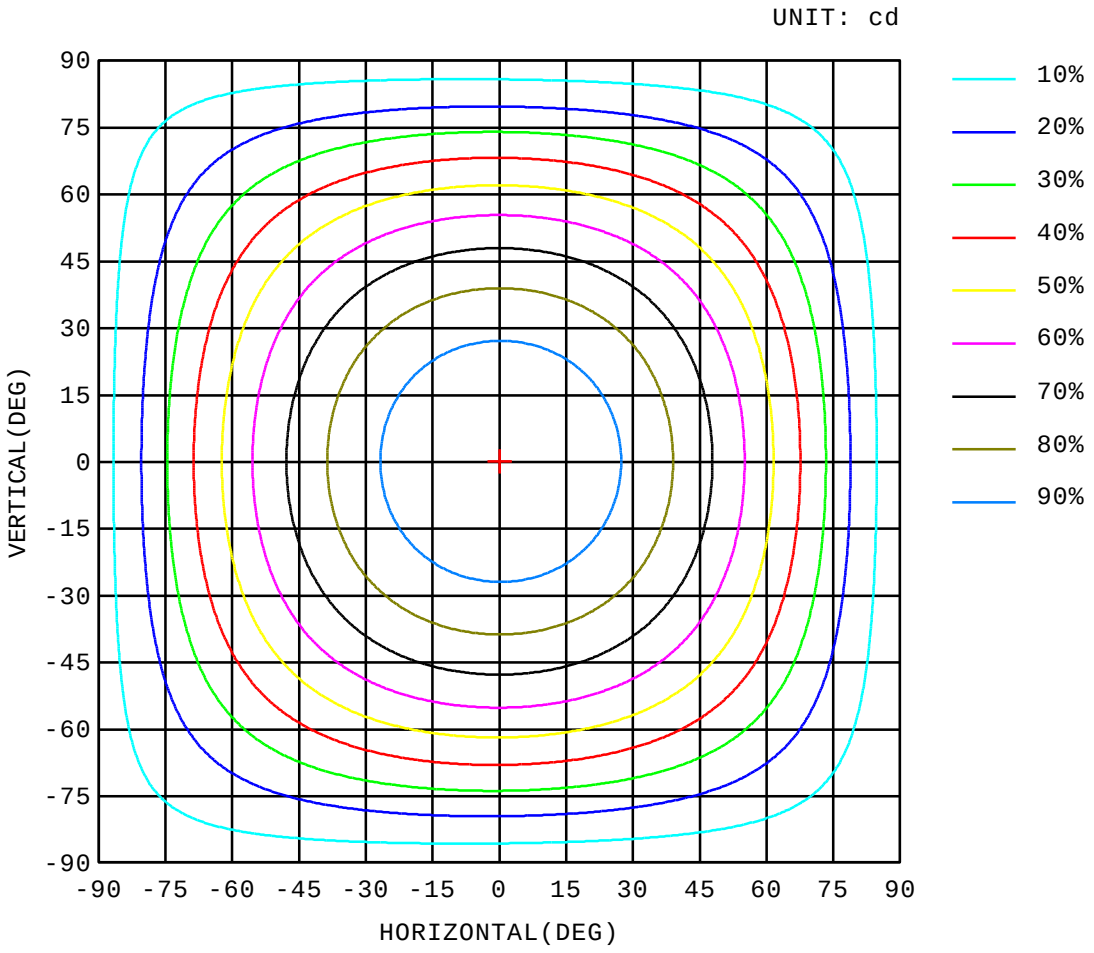
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: