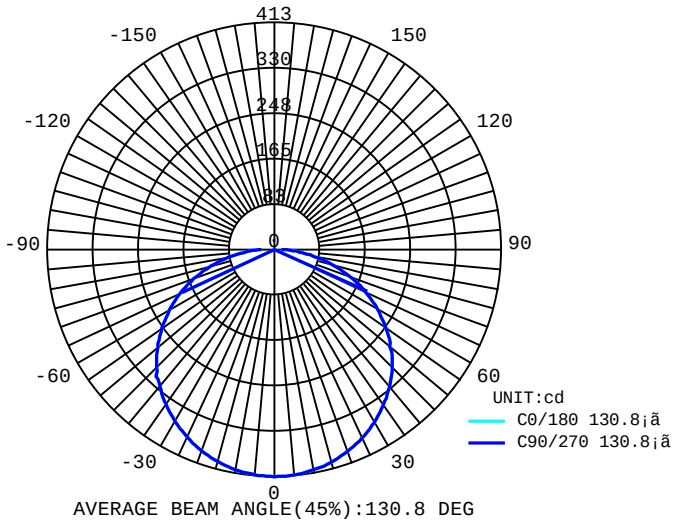
LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		Imax(cd)	412.5	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	1355.0	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	86.9	Current(A)	0.650
NOMINAL FLUX(lm)	1355.0	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)	1342.5	EEI	0.158(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):130.8 DEG

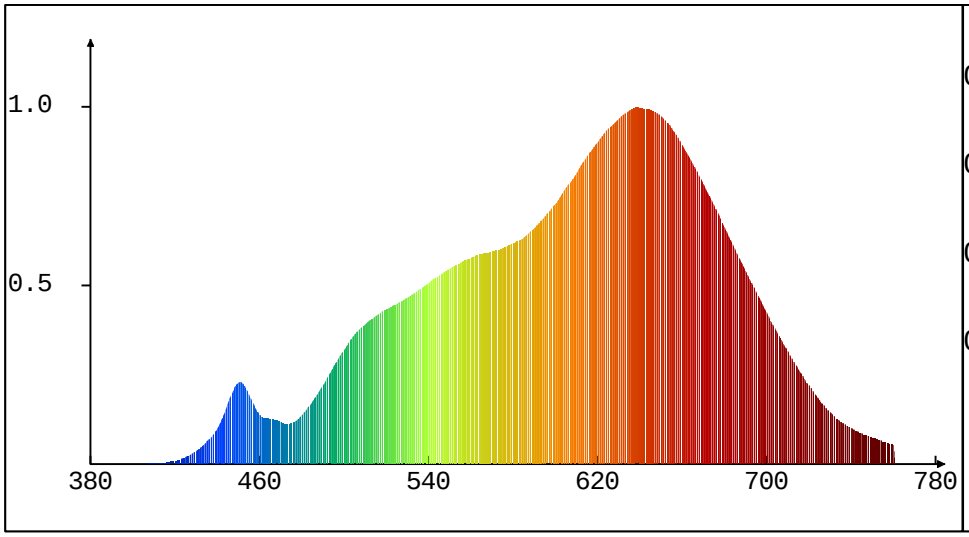
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

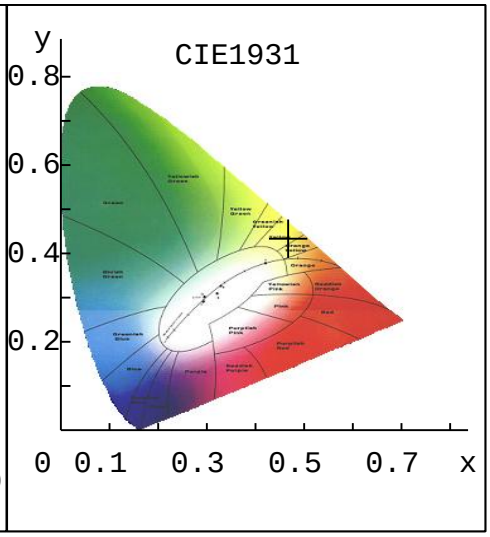
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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

CCT: 2737K Chro. Coor.: xa=0.4674 ya=0.4290 u'a=0.2592 v'a=0.5353 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4674 y=0.4290 u'=0.2592 v'=0.5353 duv=0.0060

CCT: 2736K Dominant Wave: 582.3nm Purity: 69.1% Light Intensity: 1245.4cd

Flux RGB Ratio: R=58.9%,G=33.6%,B=7.5% Peak Wave: 638.9nm Half Width: 155.2nm

Rendering Index: Ra= 97.1

R1 =99	R2 =97	R3 =93	R4 =97	R5 =99	R6 =97	R7 =97	R8 =99
R9 =93	R10=92	R11=95	R12=87	R13=98	R14=95	R15=97	

Instrument State

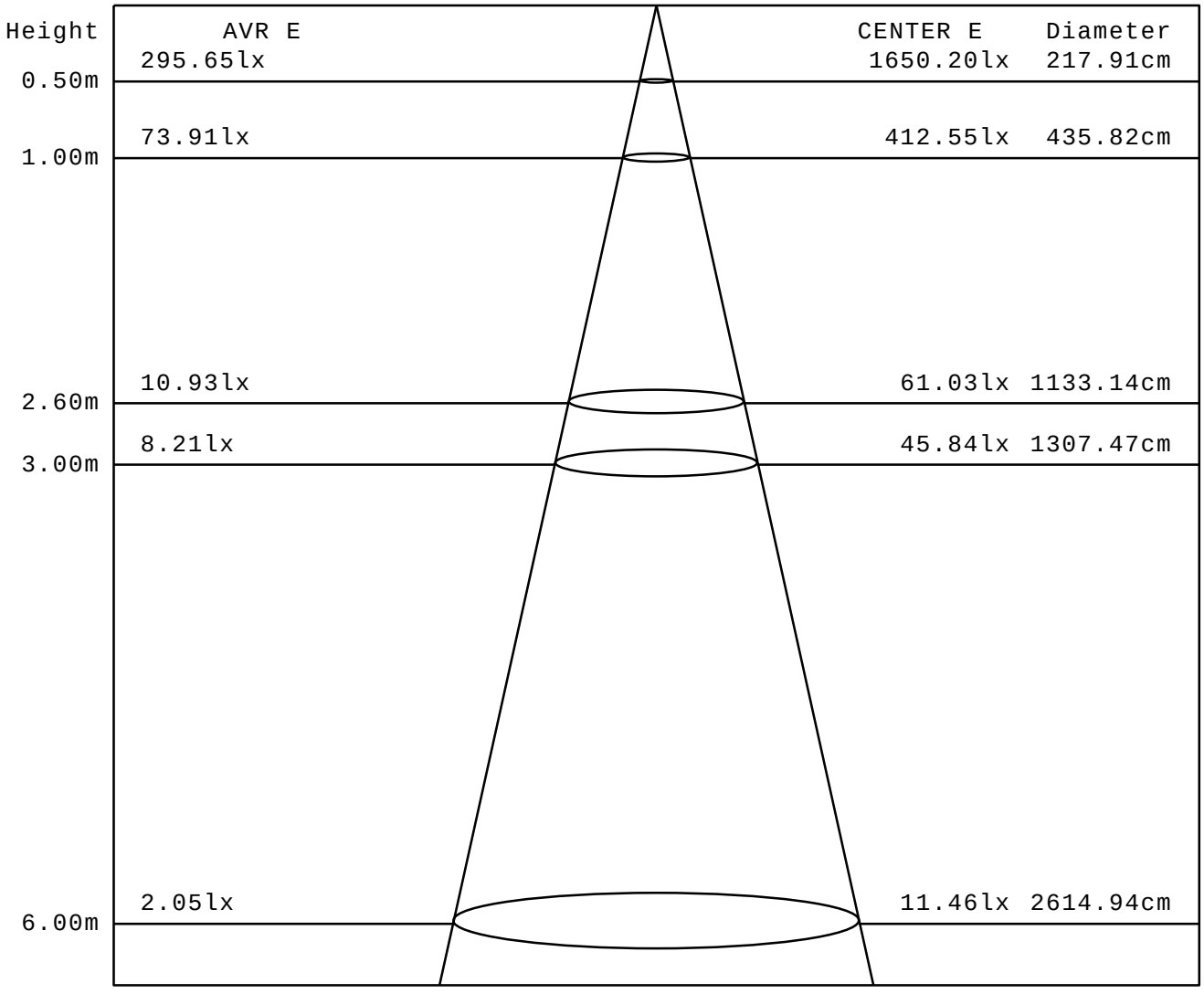
Scan Range: 380nm-780nmIntegral Time: 100.0ms Peak Signal: 100000 Dark Signal: 53563

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



Angle:130.7deg

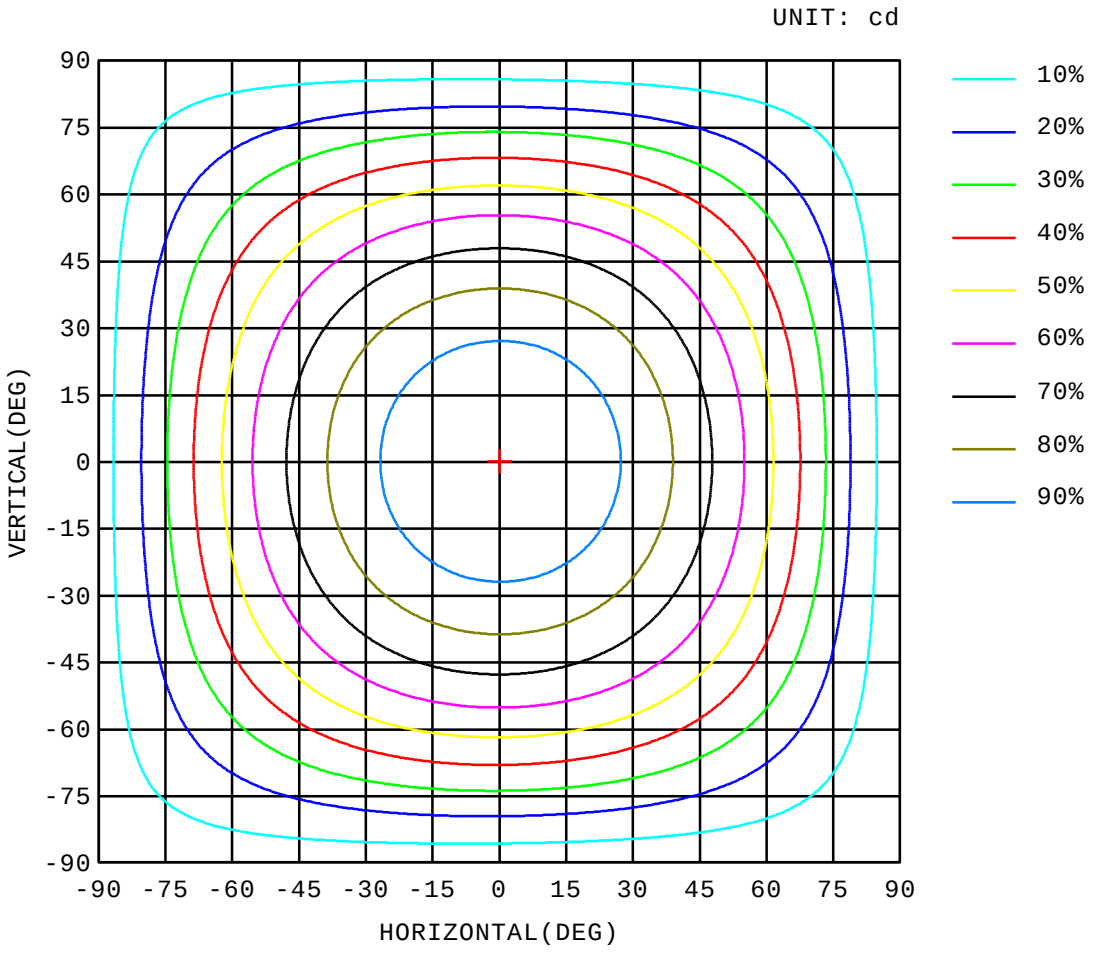
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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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: