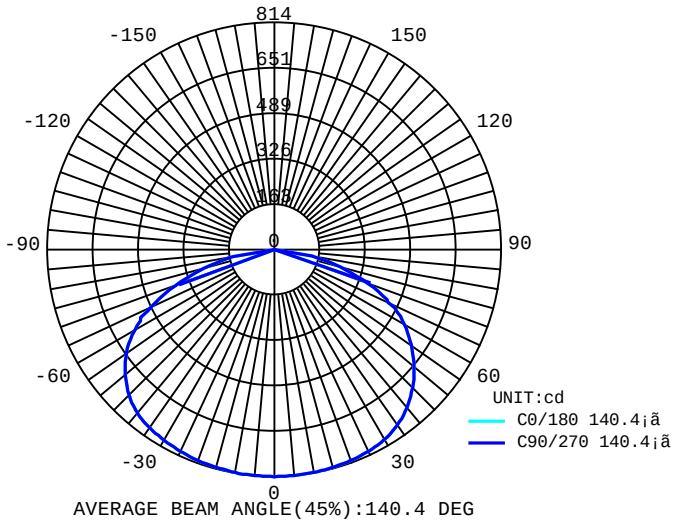
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL 600x600 2.0 — UPPOAVA, colour changeable (CCT) 40W, high CRI98	SKU: Panel600-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)	814.3	S/MH(C0/180)	1.45
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.45
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	3016.2	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	78.5	Current(A)	1.600
NOMINAL FLUX(lm)	3016.3	η up(%)	0.0	Power(W)	38.40
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	3008.4	EEI	0.174(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):140.4 DEG

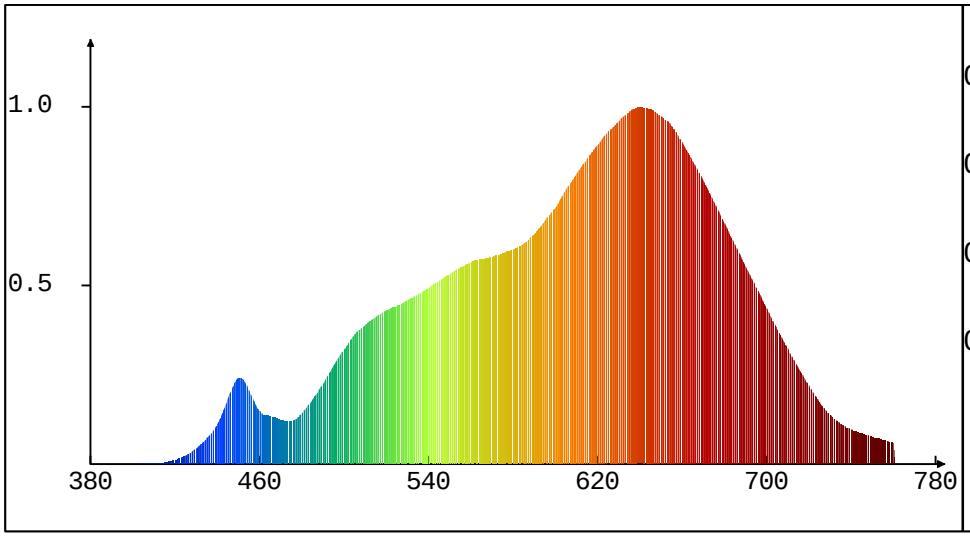
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

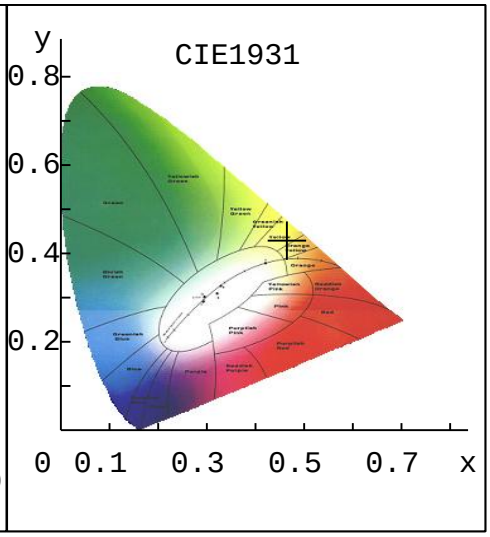
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL 600x600 2.0 — UPPOAVA, colour changeable (CCT) 40W, high CRI98	SKU: Panel600-CCT	TYPE: LED
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Avg Chro. Para.

CCT: 2732K Chro. Coor.: xa=0.4653 ya=0.4247 u'a=0.2598 v'a=0.5334 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4653 y=0.4247 u'=0.2598 v'=0.5334 duv=0.0046

CCT: 2732K Dominant Wave: 582.7nm Purity: 67.2% Light Intensity: 1911.2cd

Flux RGB Ratio: R=59.2%,G=33.0%,B=7.9% Peak Wave: 638.9nm Half Width: 153.4nm

Rendering Index: Ra= 97.4

R1 =99	R2 =98	R3 =93	R4 =96	R5 =100	R6 =98	R7 =97	R8 =99
R9 =97	R10=95	R11=93	R12=91	R13=99	R14=96	R15=99	

Instrument State

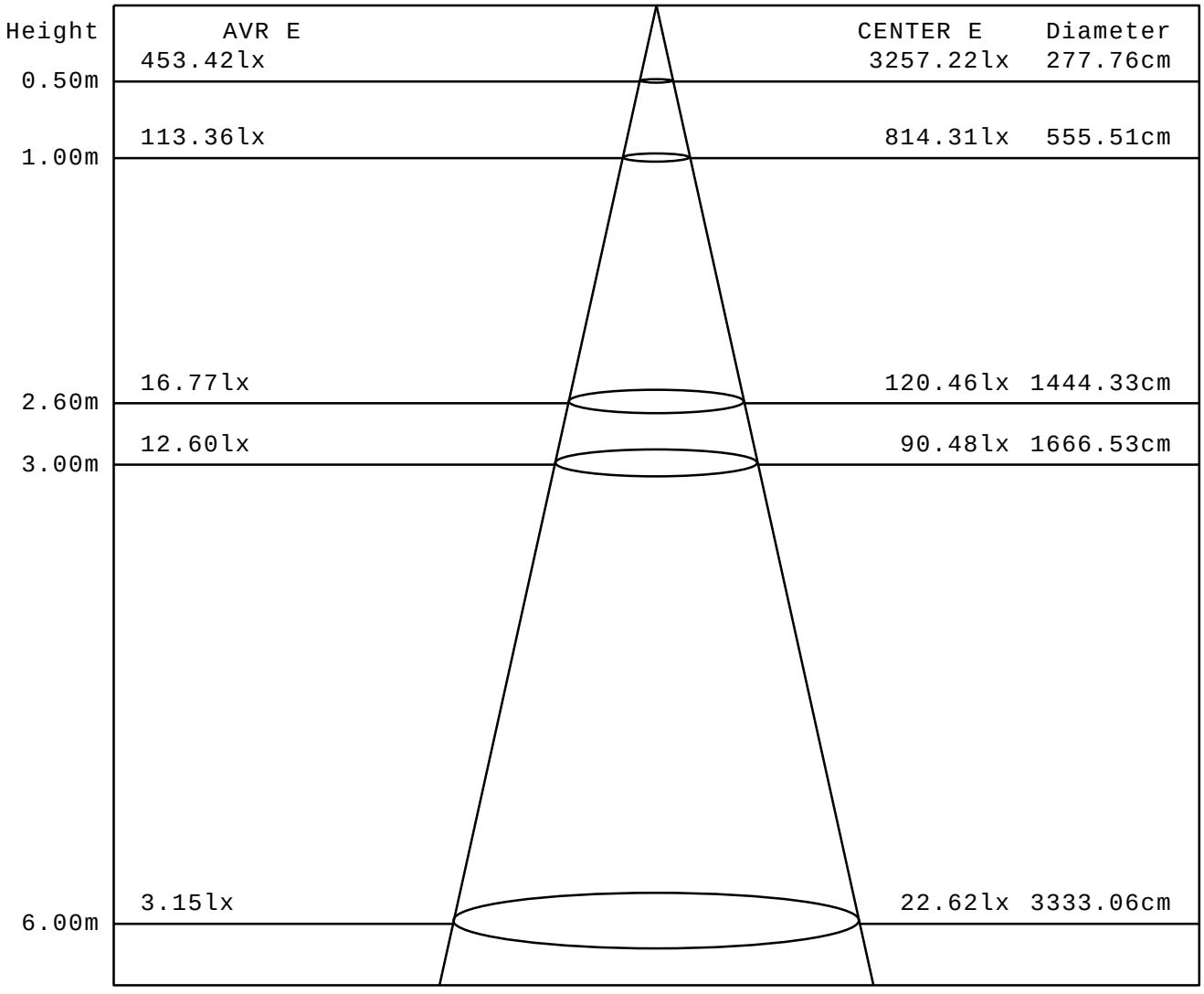
Scan Range: 380nm-780nmIntegral Time: 67.0ms Peak Signal: 67000 Dark Signal: 56317

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 600x600 2.0 — UPPOAVA, colour changeable (CCT) 40W, high CRI98	SKU: Panel600-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:140.4deg

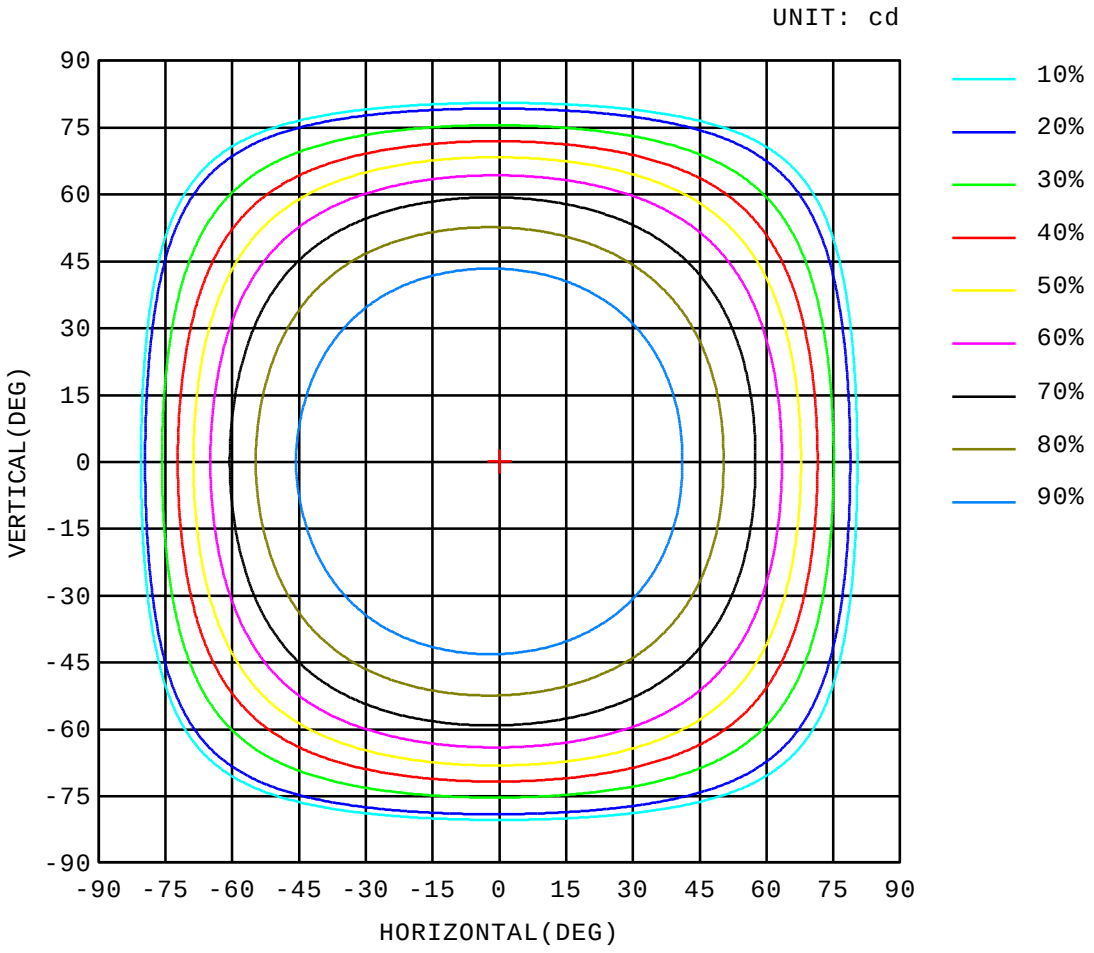
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: