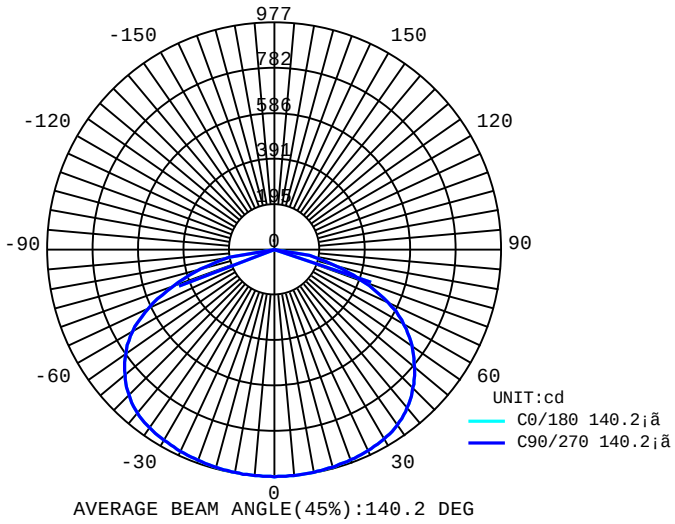
LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		Imax(cd)	977.3	S/MH(C0/180)	1.45
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.45
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	3622.5	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	94.3	Current(A)	1.600
NOMINAL FLUX(lm)	3622.5	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)	3618.3	EEI	0.145(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):140.2 DEG

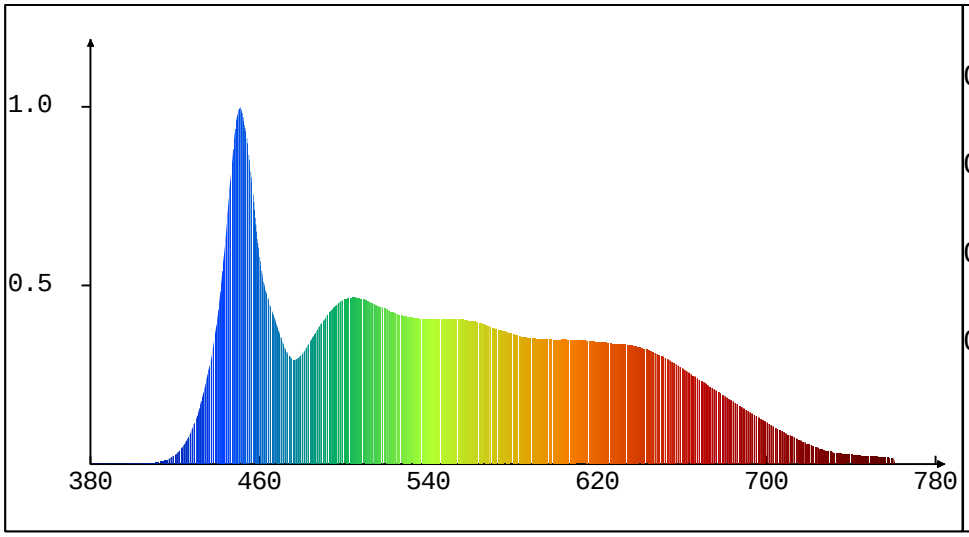
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

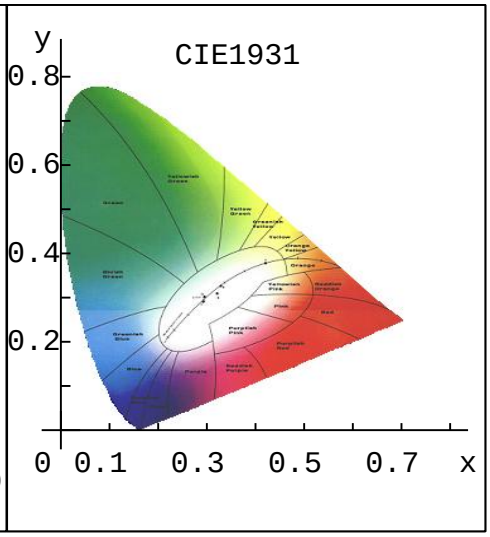
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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: 6968K Chro. Coor.: xa=0.3060 ya=0.3209 u'a=0.1962 v'a=0.4629 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3060 y=0.3209 u'=0.1962 v'=0.4629 duv=0.0024

CCT: 6968K Dominant Wave: 485.7nm Purity: 10.2% Light Intensity: 2284.7cd

Flux RGB Ratio: R=29.2%,G=38.0%,B=32.9% Peak Wave: 449.7nm Half Width: 20.4nm

Rendering Index: Ra= 98.1

R1 =98	R2 =99	R3 =98	R4 =99	R5 =98	R6 =96	R7 =99	R8 =98
R9 =96	R10=98	R11=96	R12=78	R13=100	R14=99	R15=97	

Instrument State

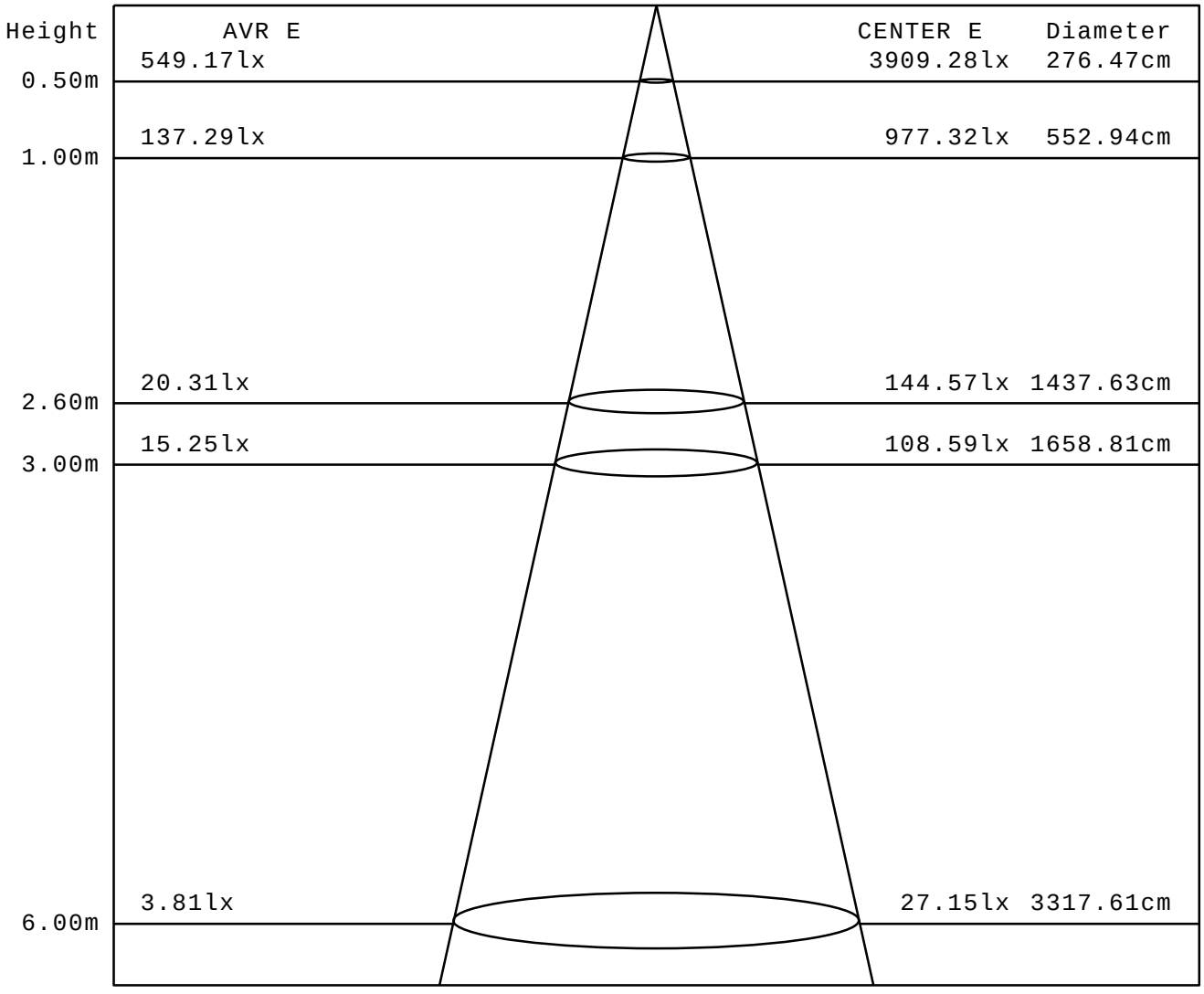
Scan Range: 380nm-780nmIntegral Time: 32.0ms Peak Signal: 32000 Dark Signal: 56133

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



Angle:140.2deg

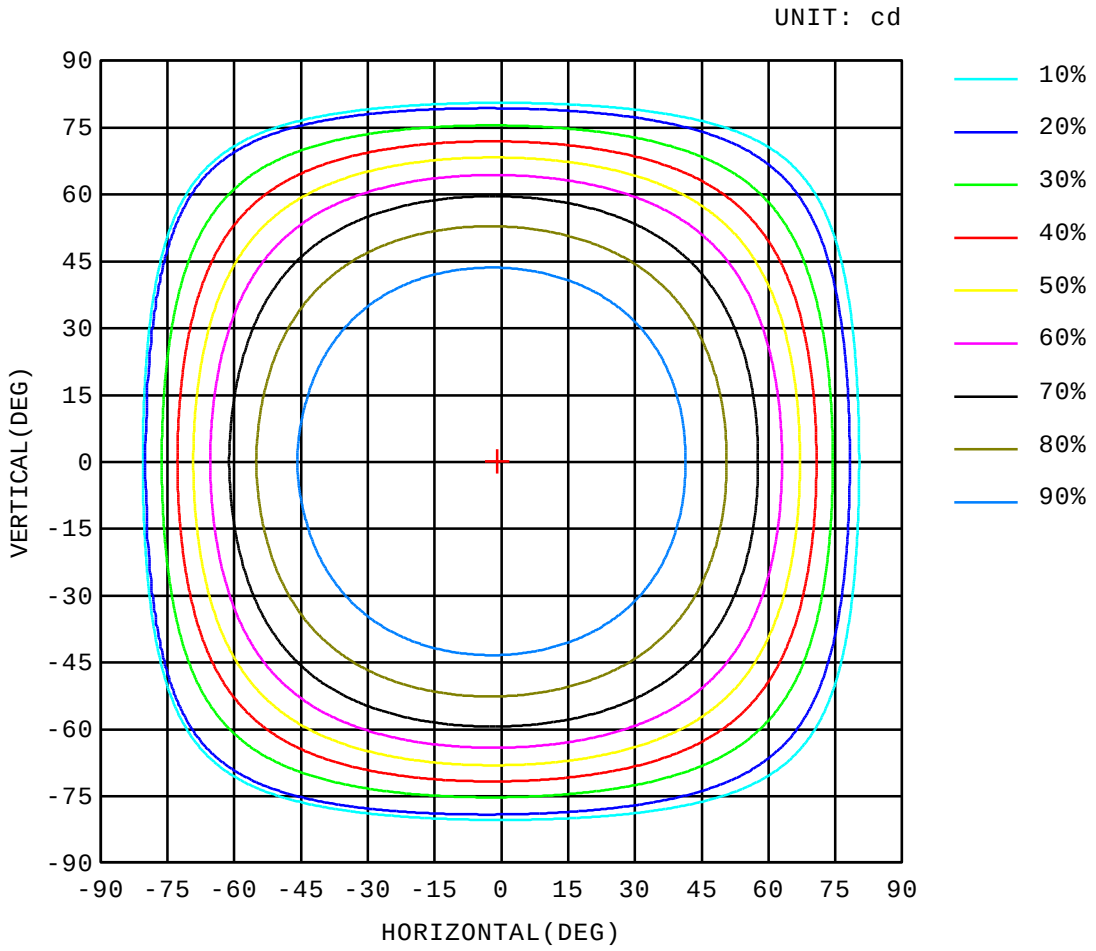
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: