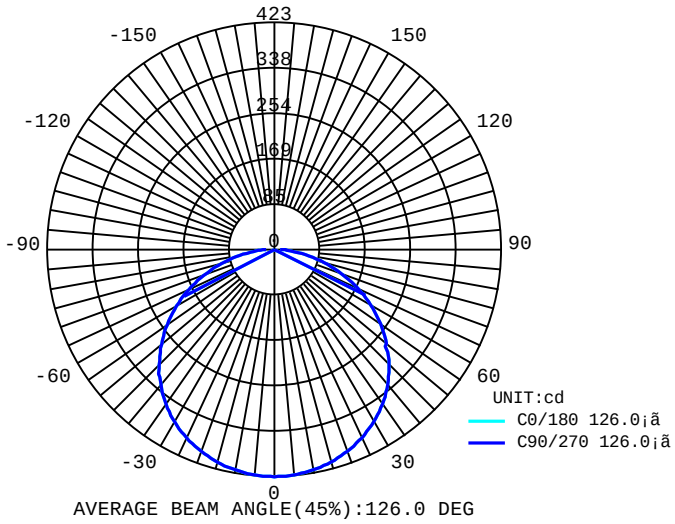
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PLAFOND 240 - UPPOAVA, 16W, colour changeable (CCT), CRI99	SKU: Plafond240-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)	423.0	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	17	TOTAL FLUX(lm)	1319.4	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	83.3	Current(A)	0.660
NOMINAL FLUX(lm)	1319.5	η up(%)	0.0	Power(W)	15.84
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1299.1	EEI	0.166(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):126.0 DEG

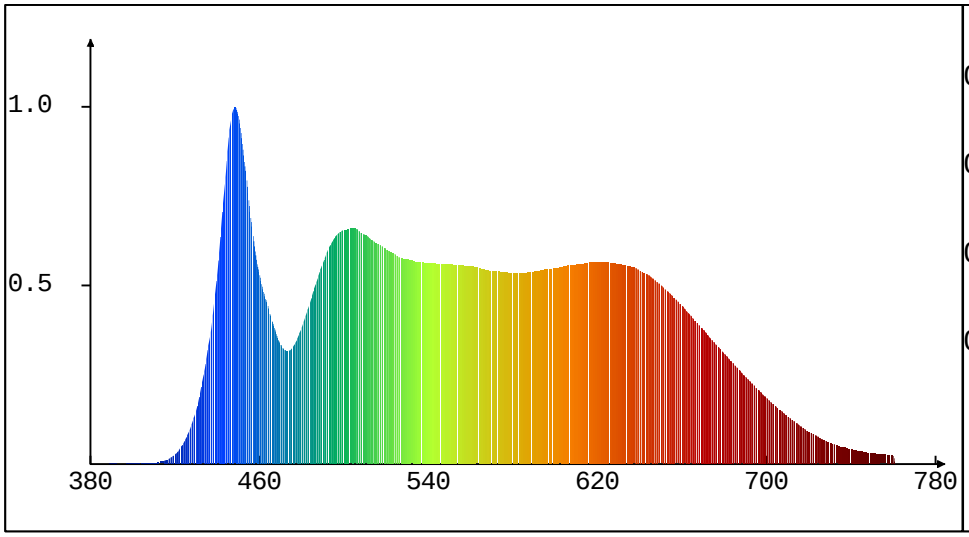
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

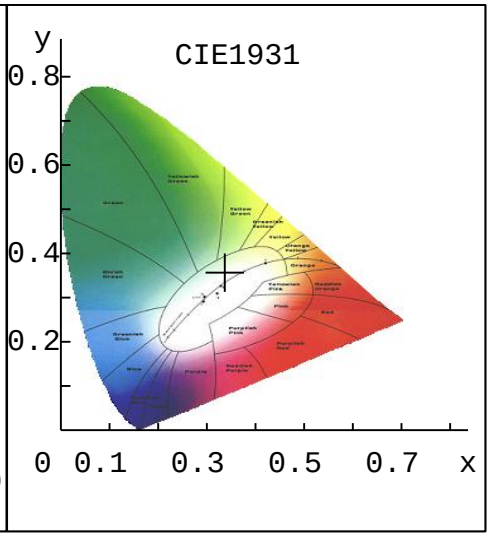
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 5325K Chro. Coor.: xa=0.3369 ya=0.3534 u'a=0.2052 v'a=0.4843 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3369 y=0.3534 u'=0.2052 v'=0.4844 duv=0.0043

CCT: 5324K Dominant Wave: 561.5nm Purity: 7.2% Light Intensity: 1305.9cd

Flux RGB Ratio: R=34.3%,G=39.0%,B=26.8% Peak Wave: 447.7nm Half Width: 21.5nm

Rendering Index: Ra= 98.7

R1 =99	R2 =100	R3 =99	R4 =97	R5 =99	R6 =99	R7 =99	R8 =98
R9 =93	R10=98	R11=93	R12=90	R13=99	R14=99	R15=98	

Instrument State

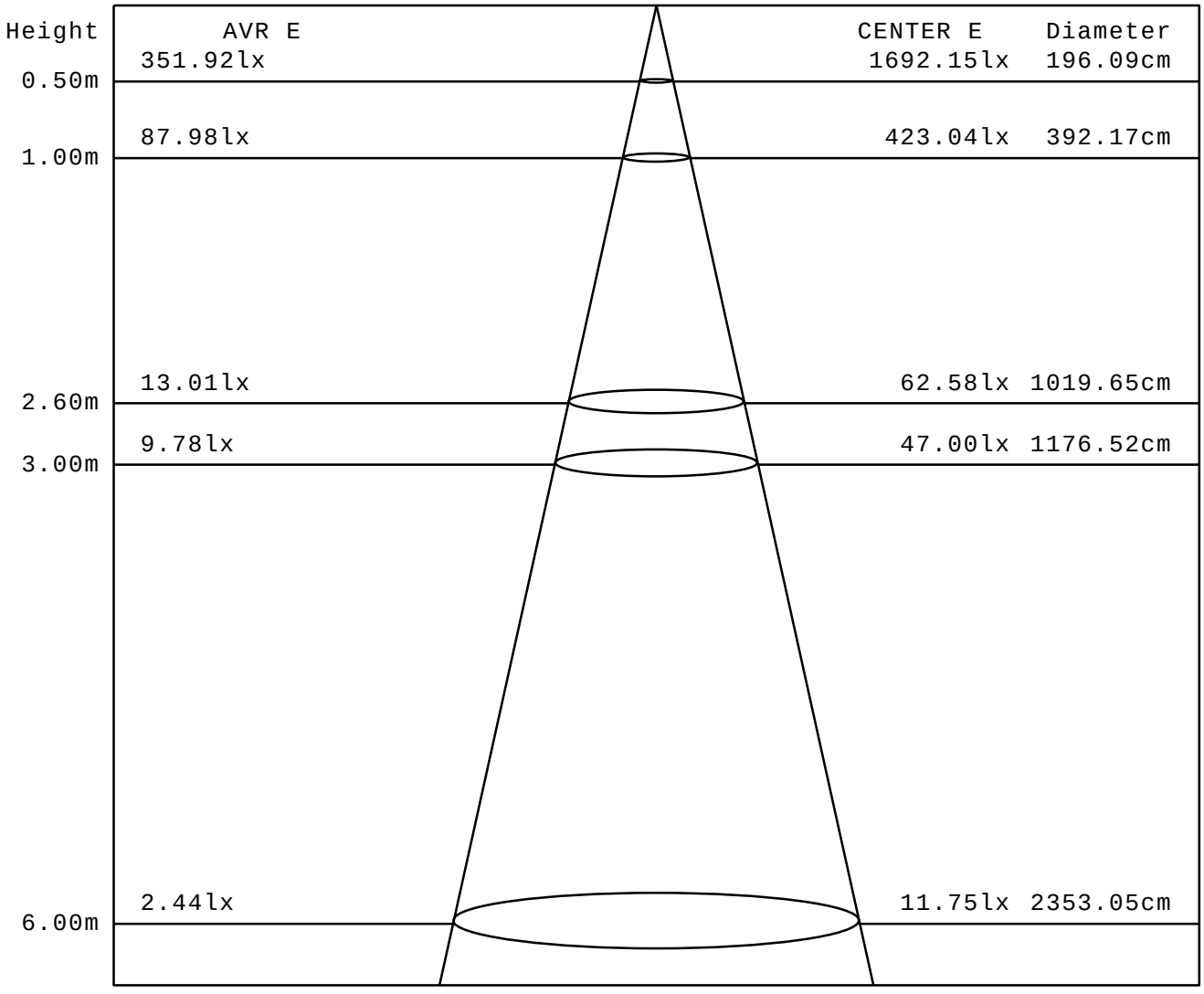
Scan Range: 380nm-780nmIntegral Time: 82.0ms Peak Signal: 82000 Dark Signal: 56474

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 PLAFOND 240 - UPPOAVA, 16W, colour changeable (CCT), CRI99	SKU: Plafond240-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:126.0deg

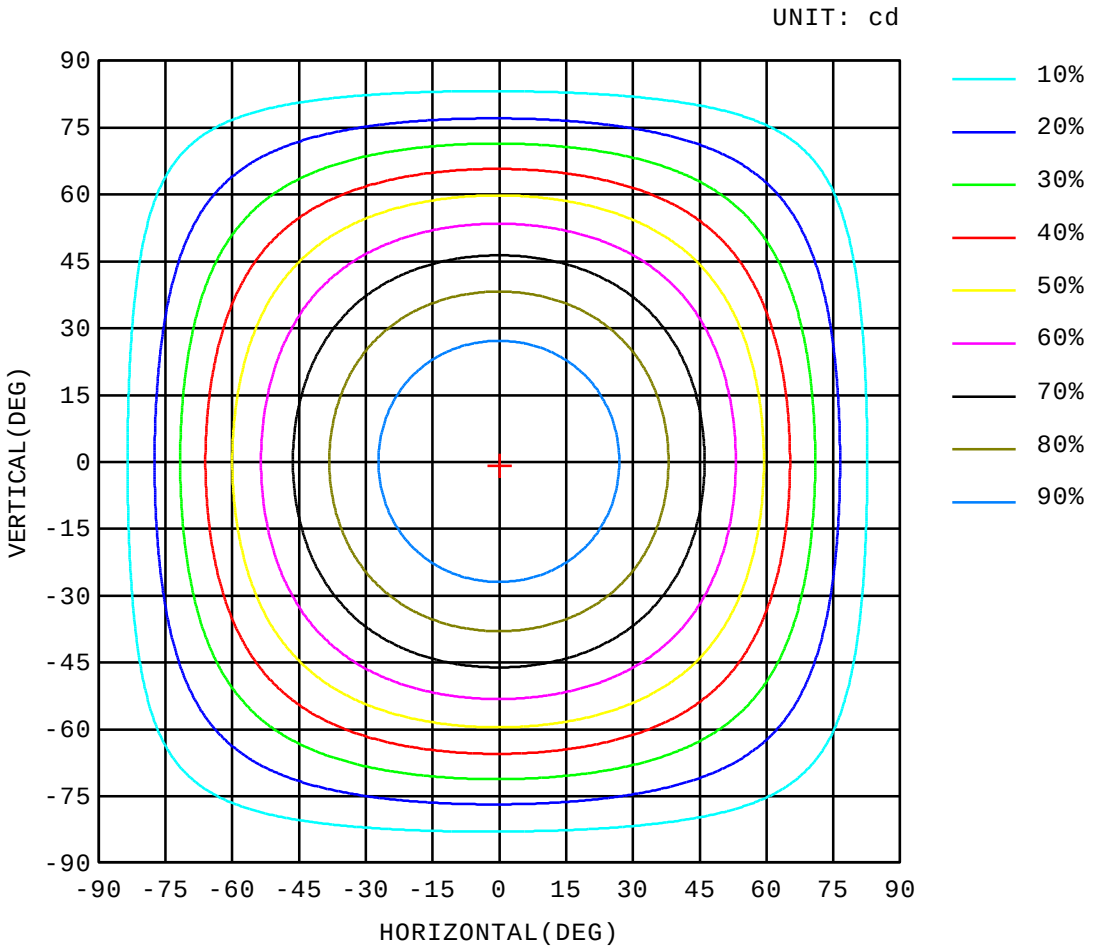
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: