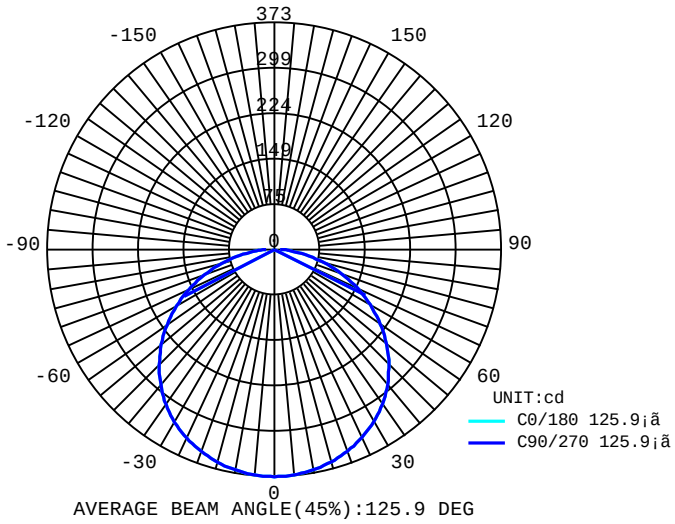
LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		Imax(cd)	373.3	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	17	TOTAL FLUX(lm)	1164.0	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	73.5	Current(A)	0.660
NOMINAL FLUX(lm)	1164.1	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)	1148.2	EEI	0.184(A)

LUMINOUS INTENSITY DISTRIBUTION



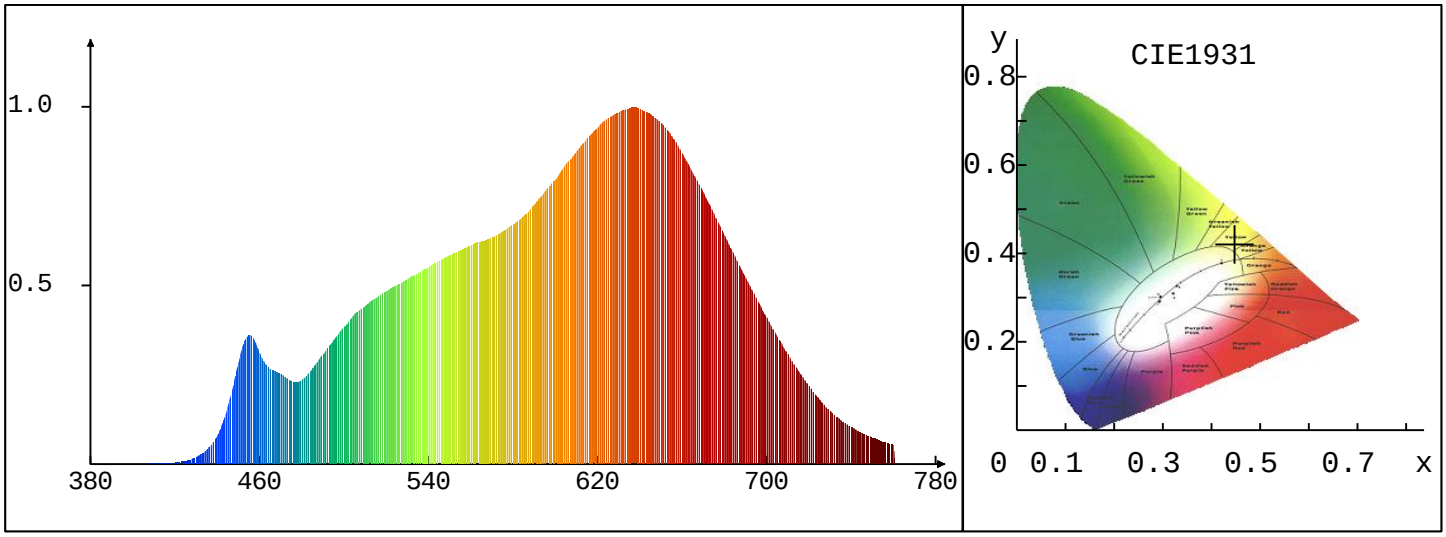
AVERAGE BEAM ANGLE(45%):125.9 DEG

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		
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Avg Chro. Para.

CCT: 2915K Chro. Coor.: xa=0.4485 ya=0.4168 u'a=0.2525 v'a=0.5280 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4485 y=0.4168 u'=0.2525 v'=0.5280 duv=0.0035

CCT: 2915K Dominant Wave: 582.1nm Purity: 59.7% Light Intensity: 1152.6cd

Flux RGB Ratio: R=55.4%,G=34.4%,B=10.3% Peak Wave: 636.8nm Half Width: 167.3nm

Rendering Index: Ra= 97.6

R1 =99	R2 =99	R3 =97	R4 =97	R5 =98	R6 =98	R7 =97	R8 =96
R9 =91	R10=98	R11=96	R12=86	R13=99	R14=98	R15=97	

Instrument State

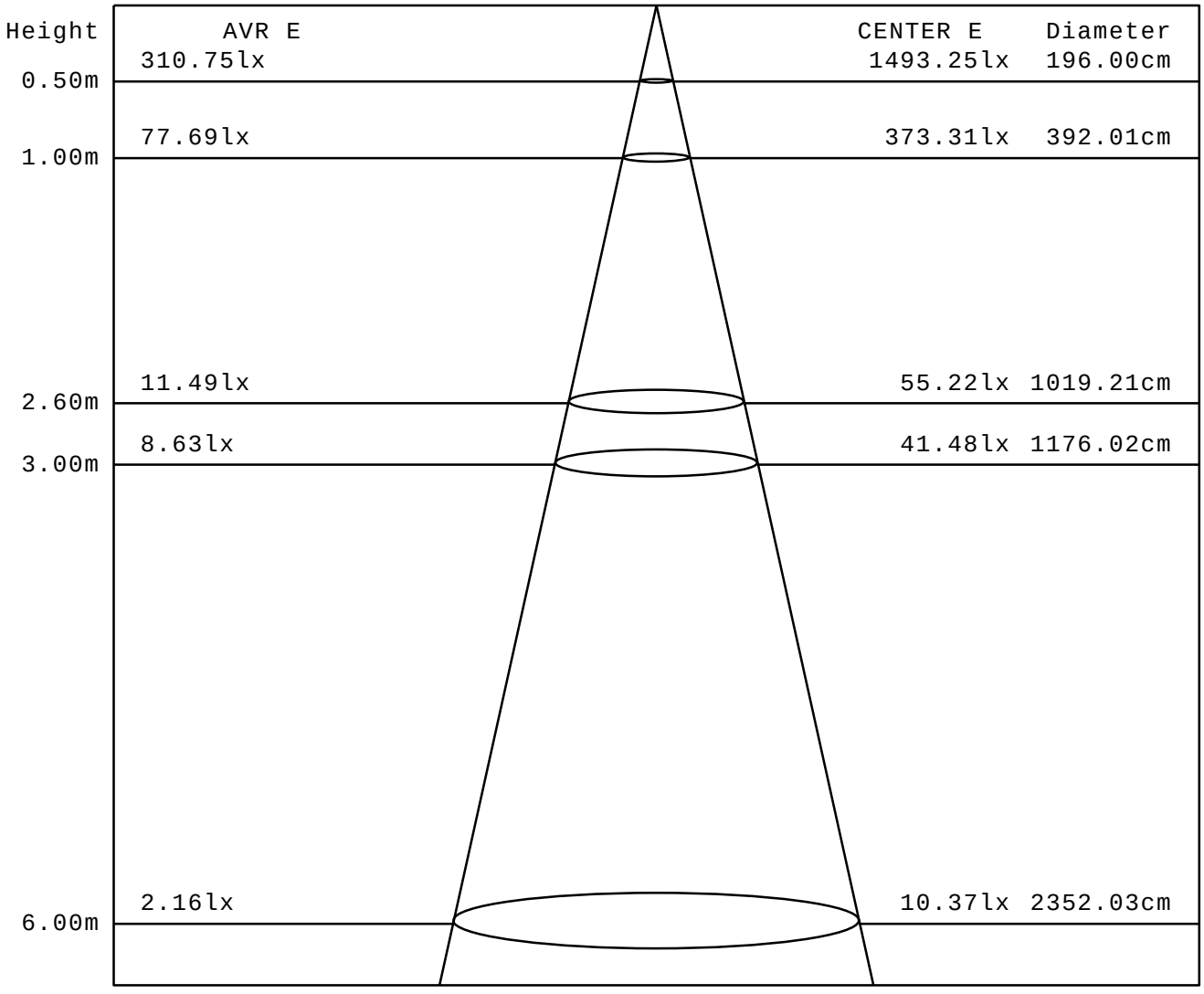
Scan Range: 380nm-780nmIntegral Time: 120.0ms Peak Signal: 120000 Dark Signal: 56405

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:

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SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:125.9deg

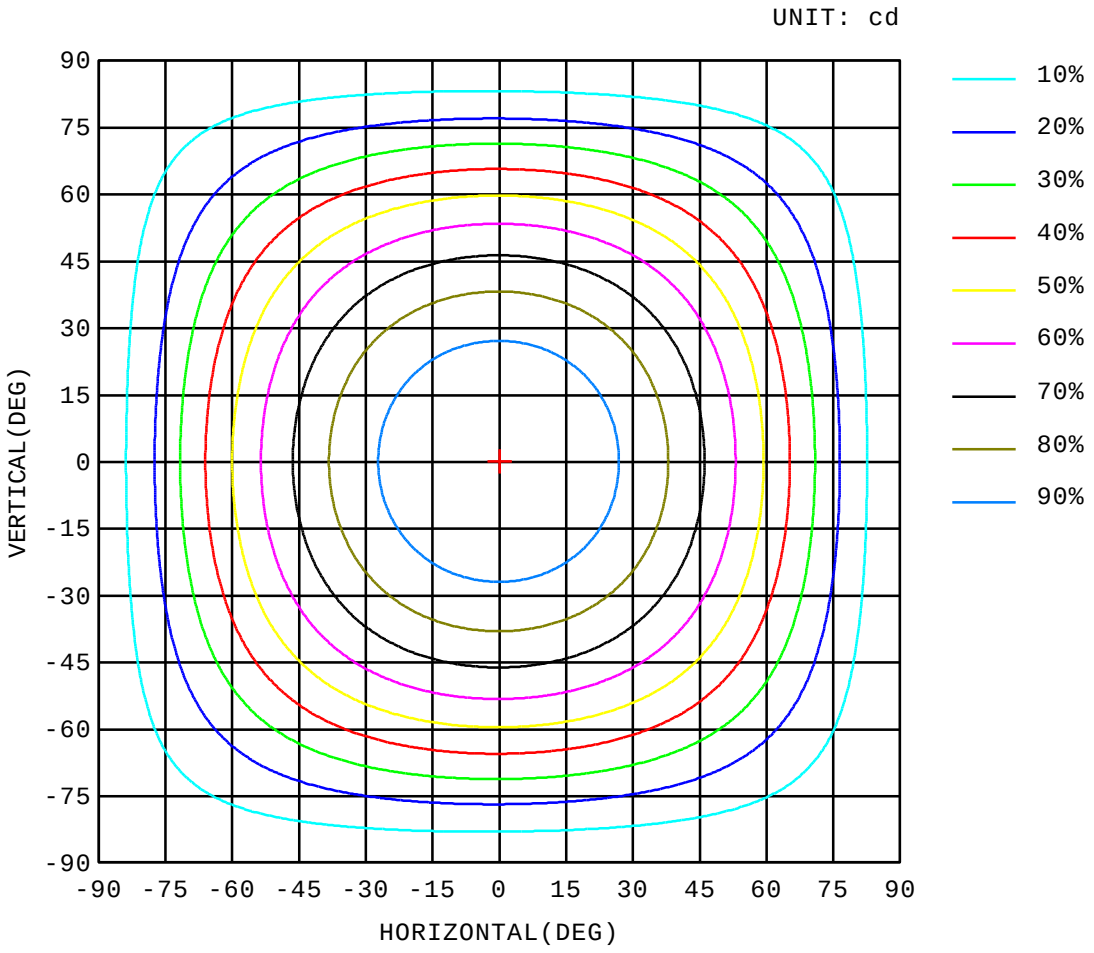
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: