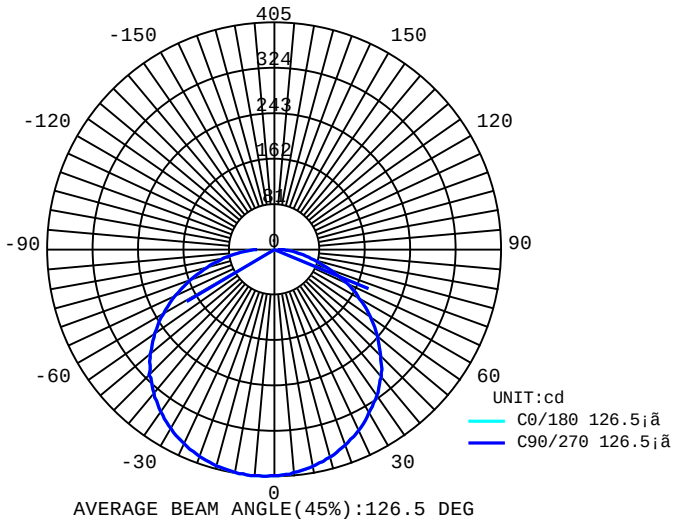
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98	SKU: Plafond200-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)	404.6	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1282.3	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	84.8	Current(A)	0.630
NOMINAL FLUX(lm)	1282.3	η up(%)	0.0	Power(W)	15.12
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1268.9	EEI	0.162(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):126.5 DEG

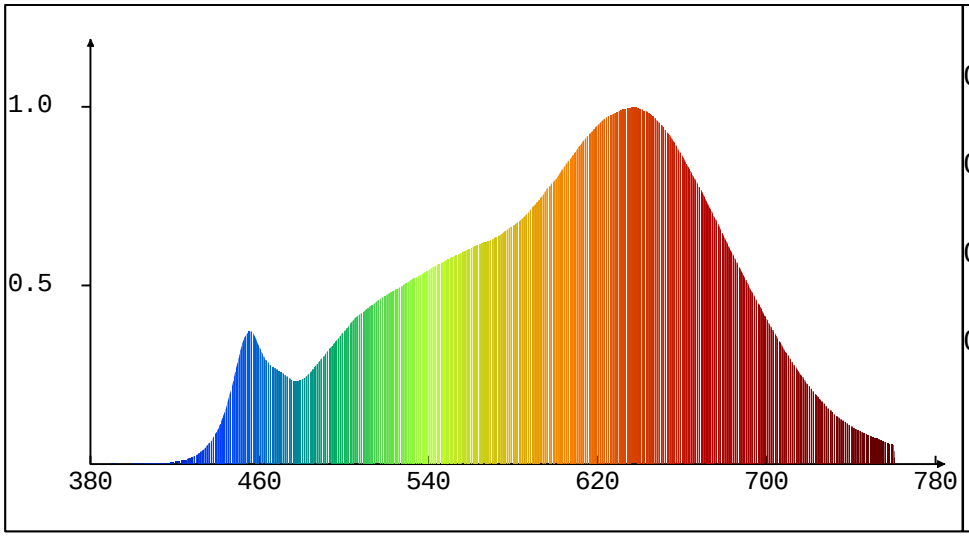
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

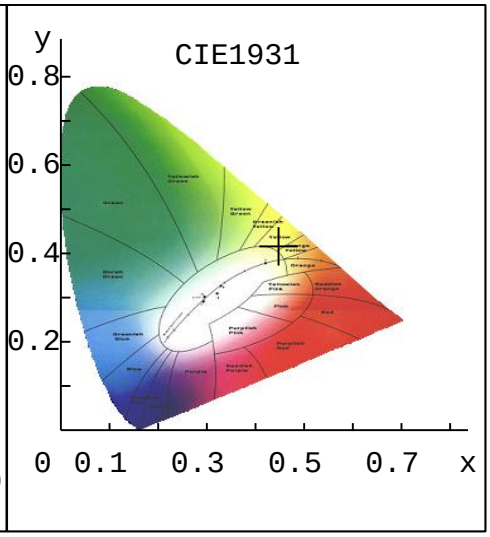
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 2896K Chro. Coor.: xa=0.4477 ya=0.4128 u'a=0.2537 v'a=0.5264 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4477 y=0.4128 u'=0.2537 v'=0.5264 duv=0.0020

CCT: 2896K Dominant Wave: 582.6nm Purity: 58.3% Light Intensity: 1289.4cd

Flux RGB Ratio: R=55.4%,G=34.1%,B=10.5% Peak Wave: 636.8nm Half Width: 163.9nm

Rendering Index: Ra= 97.8

R1 =99	R2 =99	R3 =98	R4 =98	R5 =98	R6 =97	R7 =97	R8 =96
R9 =91	R10=99	R11=96	R12=87	R13=99	R14=98	R15=98	

Instrument State

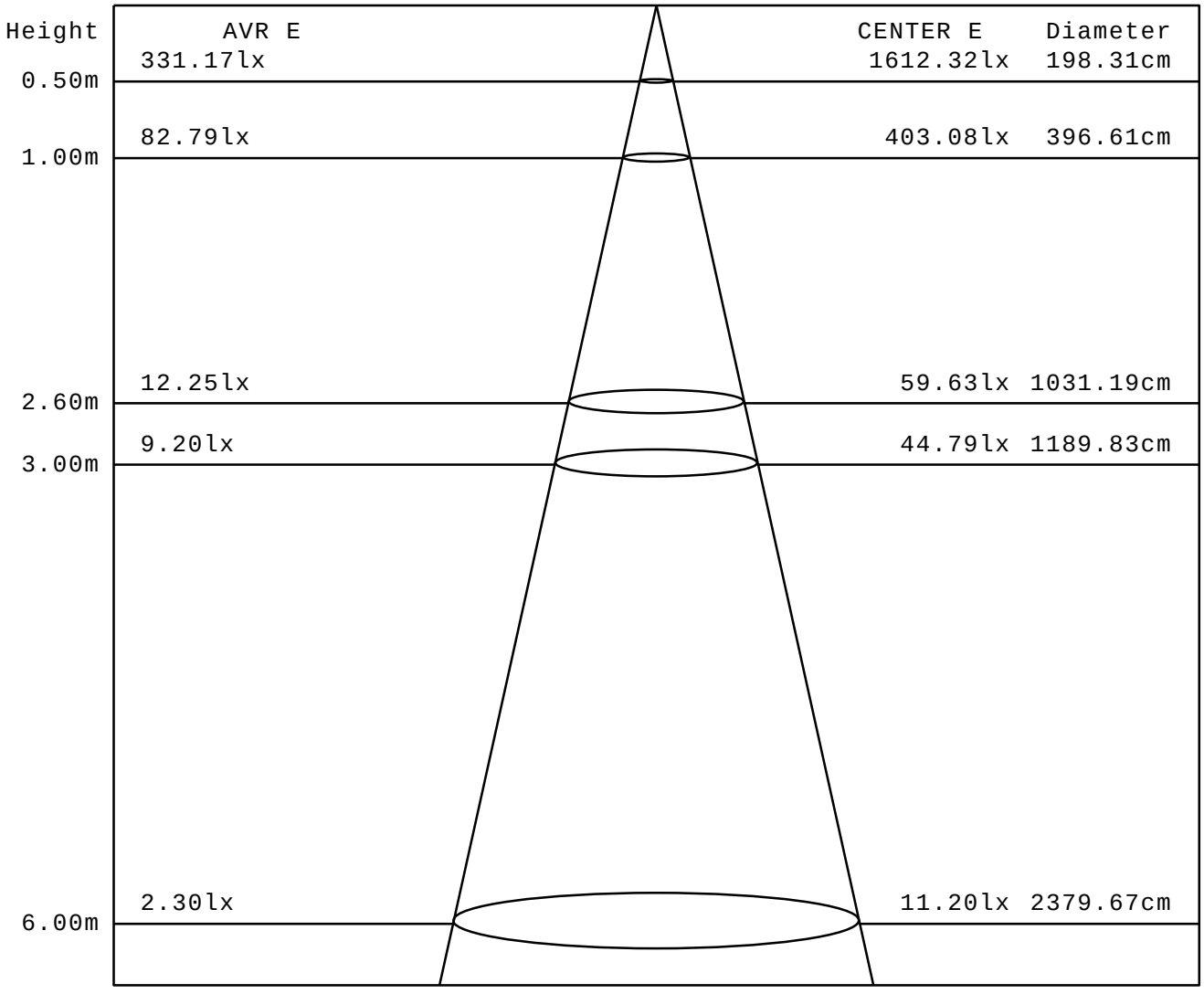
Scan Range: 380nm-780nmIntegral Time: 100.0ms Peak Signal: 100000 Dark Signal: 52185

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 ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98	SKU: Plafond200-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:126.5deg

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

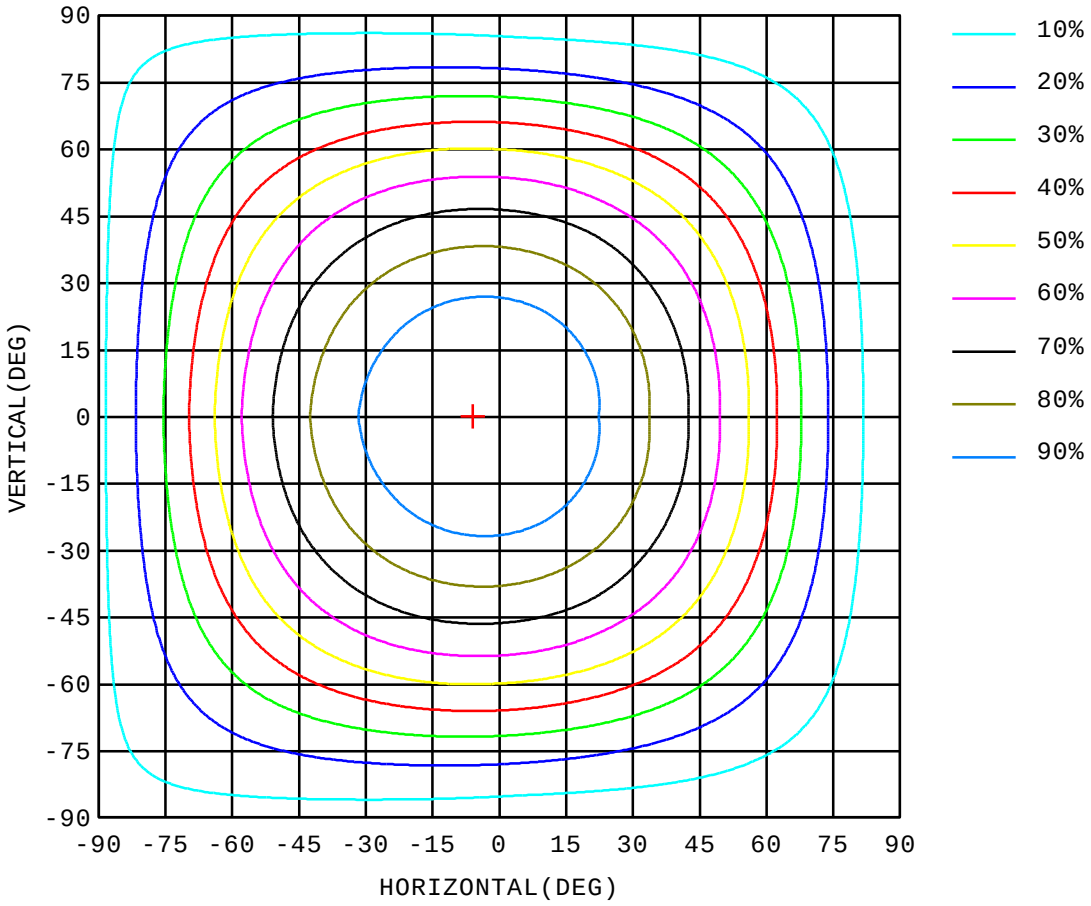
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL ROUND ø200 - UPPOAVA, 15W, colour changeable (CCT), CRI98	SKU: Plafond200-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

UNIT: cd



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: