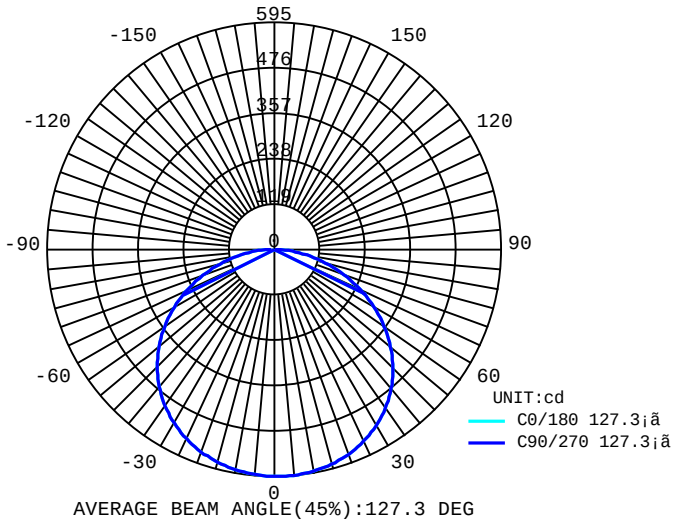
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted LED PLAFOND 380 24W, IP54, dimmable, high CRI96, CCT adjustable 3200-4200-5500K	SKU: Plafond380SUR-3CCT	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)	594.7	S/MH(C0/180)	1.33
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	1890.0	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	80.4	Current(A)	0.980
NOMINAL FLUX(lm)	1890.1	η up(%)	0.0	Power(W)	23.52
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1869.1	EEI	0.171(A)

LUMINOUS INTENSITY DISTRIBUTION



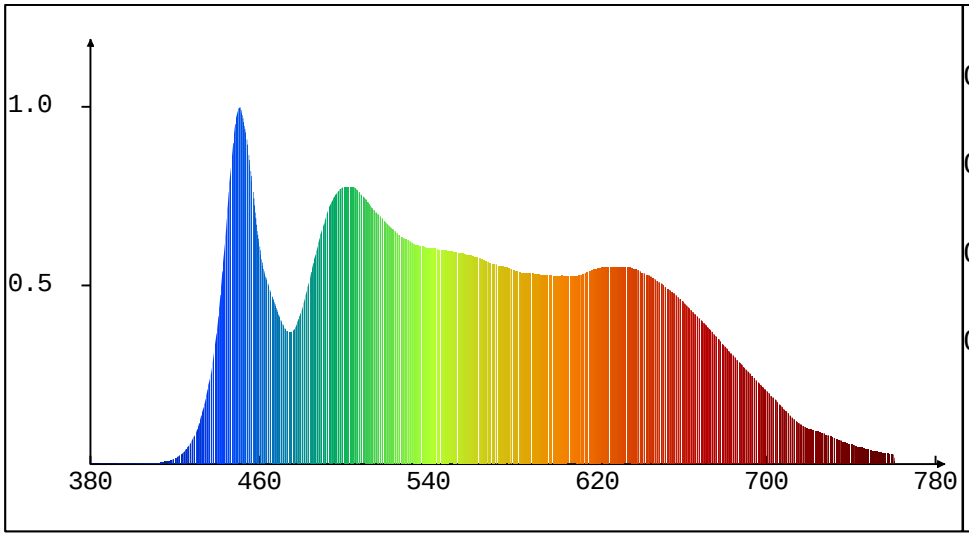
AVERAGE BEAM ANGLE(45%):127.3 DEG

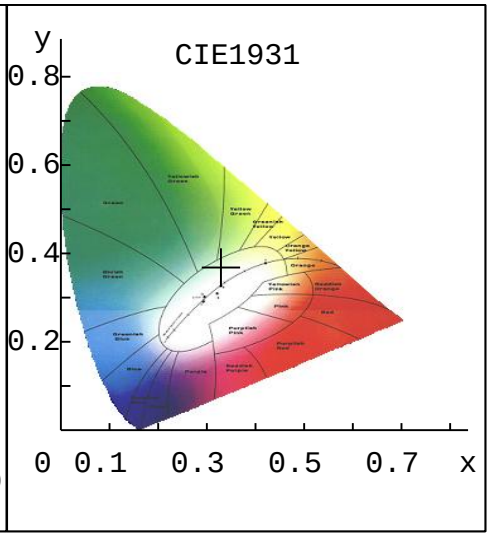
Test System:HopooColor HP880	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:1.000 m
Test Date:09-20-2024	Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 5461K Chro. Coor.: xa=0.3337 ya=0.3652 u'a=0.1988 v'a=0.4895 ¦¤u'v'=0.0026

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3295 y=0.3645 u'=0.1963 v'=0.4885 duv=0.0128

CCT: 5620K Dominant Wave: 548.1nm Purity: 8.4% Light Intensity: 2515.9cd

Flux RGB Ratio: R=33.4%,G=39.9%,B=26.6% Peak Wave: 449.7nm Half Width: 21.9nm

Rendering Index: Ra= 96.1

R1 =97	R2 =97	R3 =95	R4 =96	R5 =97	R6 =98	R7 =96	R8 =94
R9 =87	R10=94	R11=97	R12=84	R13=96	R14=97	R15=93	

Instrument State

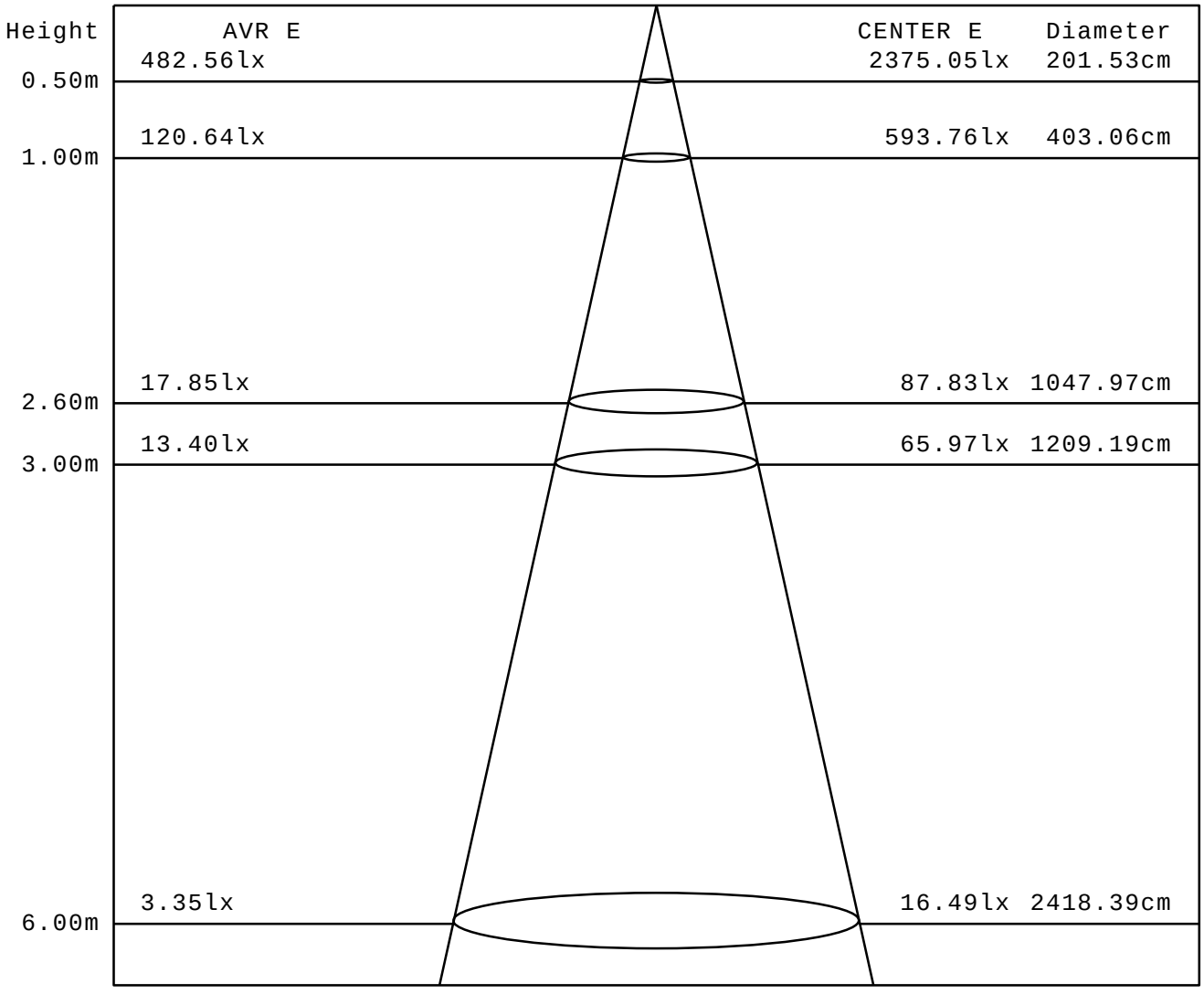
Scan Range: 380nm-780nmIntegral Time: 44.0ms Peak Signal: 44000 Dark Signal: 55062

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: Surface mounted LED PLAFOND 380 24W, IP54, dimmable, high CRI96, CCT adjustable 3200-4200-5500K	SKU: Plafond380SUR-3CCT	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:127.2deg

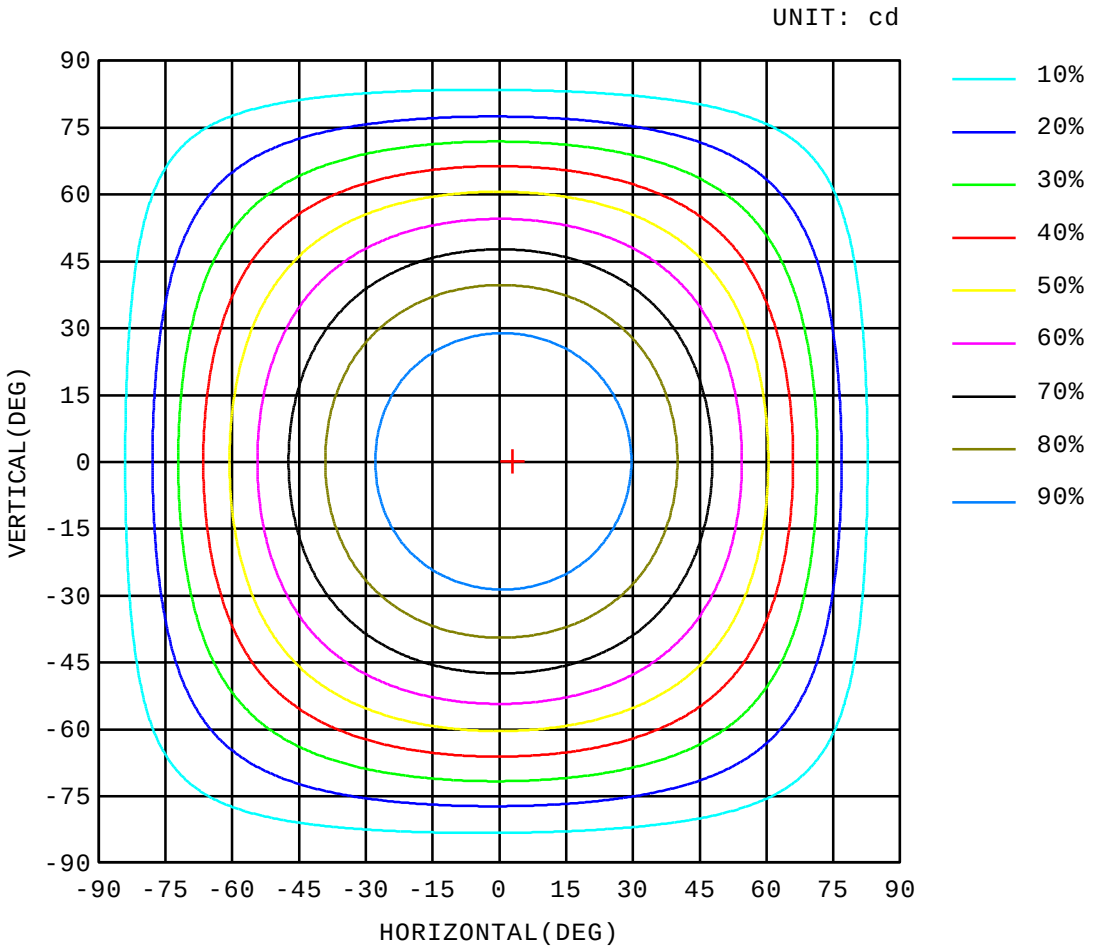
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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SPECIFICATION: LED panel, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



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: