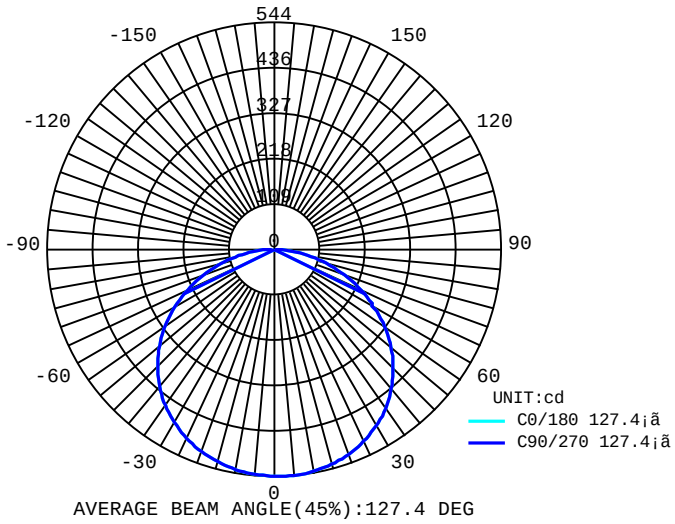
LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		Imax(cd)	544.4	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	1729.3	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	73.5	Current(A)	0.980
NOMINAL FLUX(lm)	1729.3	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)	1710.2	EEI	0.187(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):127.4 DEG

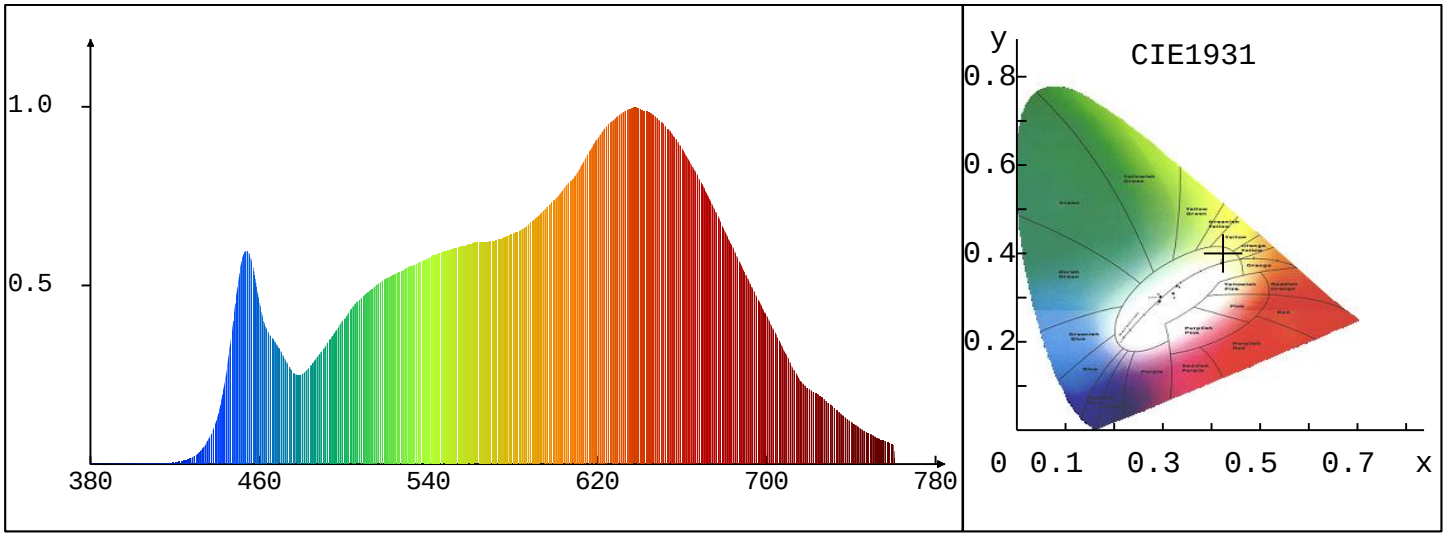
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3170K Chro. Coor.: xa=0.4240 ya=0.3966 u'a=0.2453 v'a=0.5165 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4239 y=0.3966 u'=0.2453 v'=0.5165 duv=-0.0011

CCT: 3170K Dominant Wave: 582.5nm Purity: 46.3% Light Intensity: 2254.7cd

Flux RGB Ratio: R=53.4%,G=33.6%,B=13.0% Peak Wave: 636.8nm Half Width: 177.3nm

Rendering Index: Ra= 96.0

R1 =95	R2 =98	R3 =97	R4 =95	R5 =96	R6 =96	R7 =98	R8 =94
R9 =88	R10=97	R11=92	R12=84	R13=95	R14=97	R15=95	

Instrument State

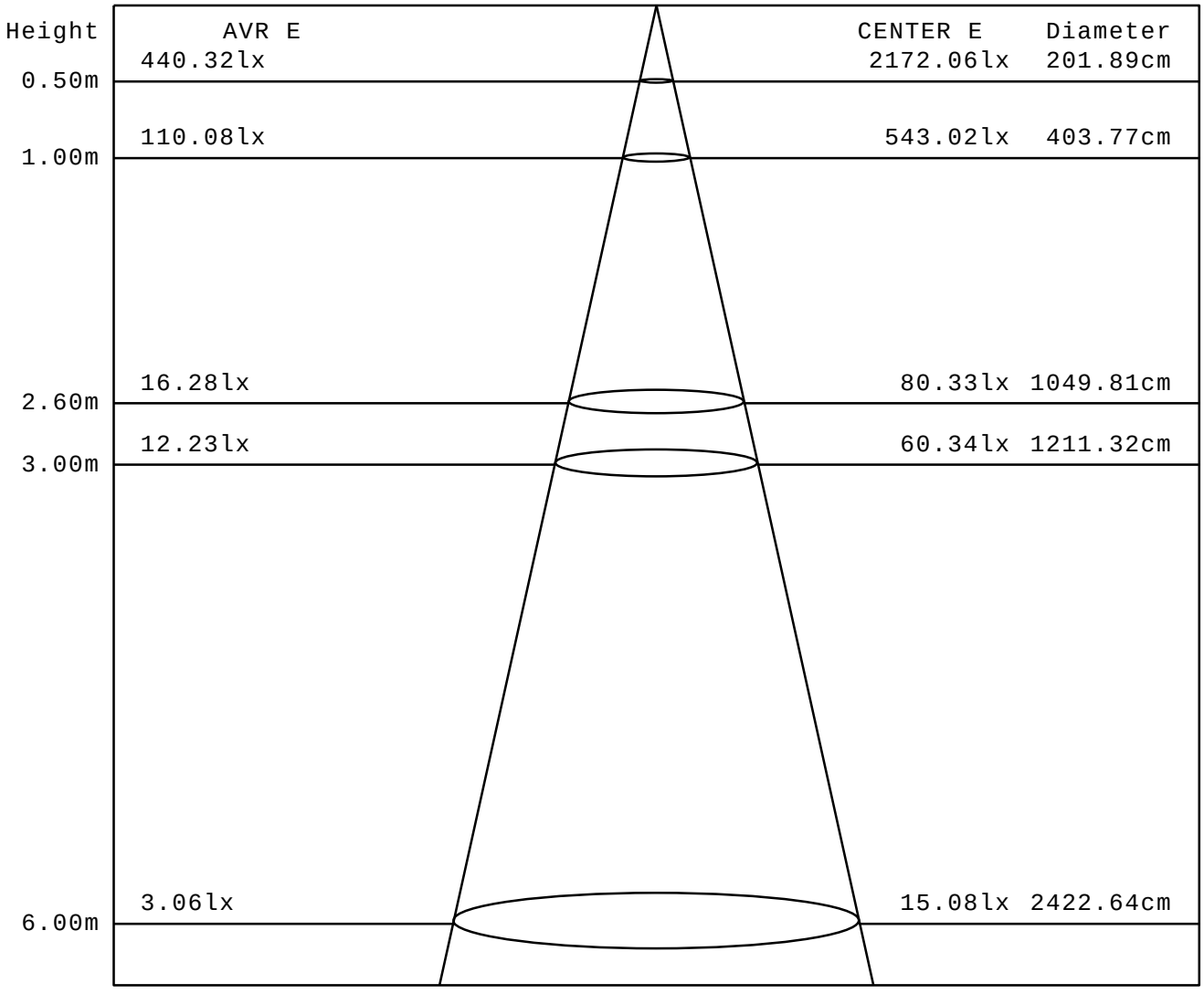
Scan Range: 380nm-780nmIntegral Time: 50.0ms Peak Signal: 50000 Dark Signal: 46249

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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Angle:127.3deg

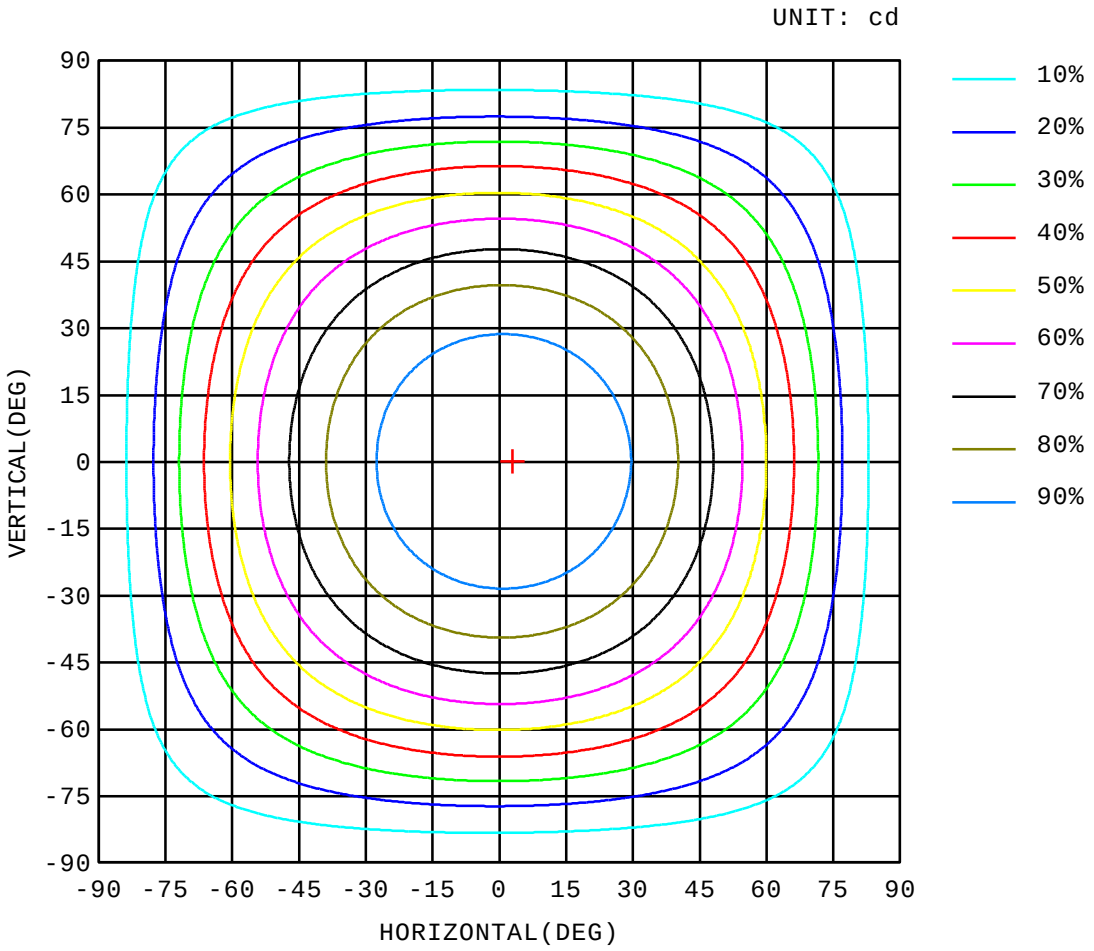
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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