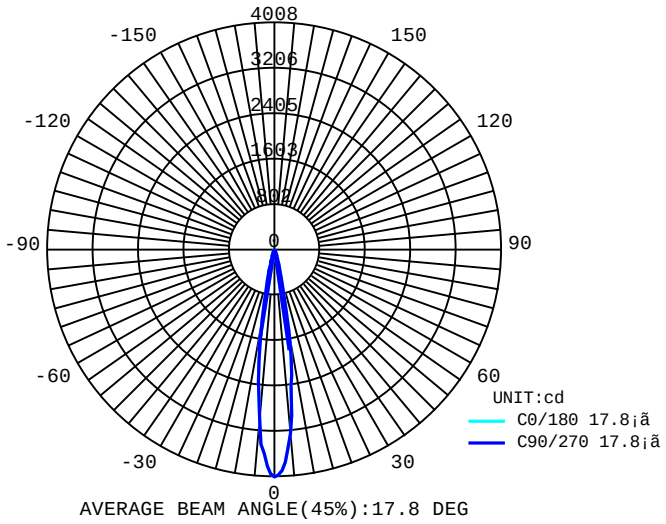
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED FOKUS SURFACE - color temperature adjustable, dimmable, 16W, CRI98, IP20	SKU: FOKUS-SURFACE	TYPE: LED
SPECIFICATION: LED light, measured from single beam at the cool end of color range, with beam angle set to 18	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	4008	S/MH(C0/180)	0.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.29
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	460.01	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	57.1	Current(A)	0.035
NOMINAL FLUX(lm)	460.0	η up(%)	0.0	Power(W)	8.050
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	329.5	EEI	0.251(B)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):17.8 DEG

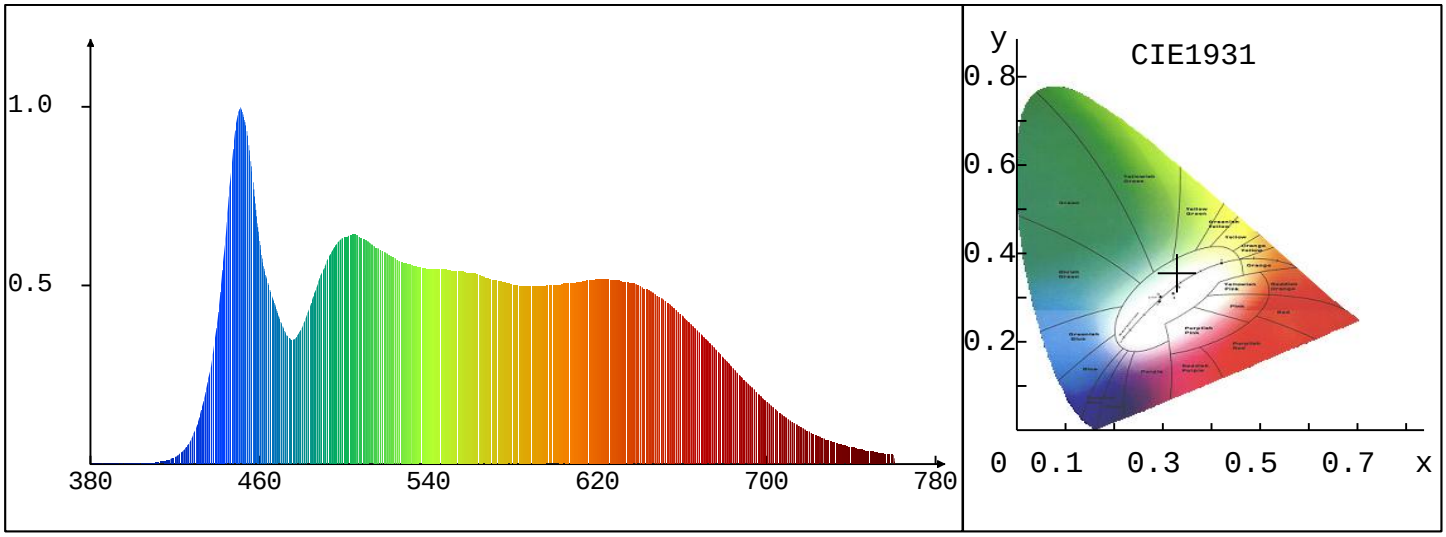
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 5527K Chro. Coor.: xa=0.3319 ya=0.3546 u'a=0.2014 v'a=0.4842 ¦¤u'v'=0.0016

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3298 y=0.3520 u'=0.2009 v'=0.4826 duv=0.0067

CCT: 5614K Dominant Wave: 543.9nm Purity: 4.7% Light Intensity: 11827.0cd

Flux RGB Ratio: R=33.5%,G=39.1%,B=27.5% Peak Wave: 449.7nm Half Width: 22.1nm

Rendering Index: Ra= 98.4

R1 =99	R2 =99	R3 =99	R4 =99	R5 =99	R6 =99	R7 =98	R8 =97
R9 =93	R10=98	R11=96	R12=83	R13=99	R14=99	R15=96	

Instrument State

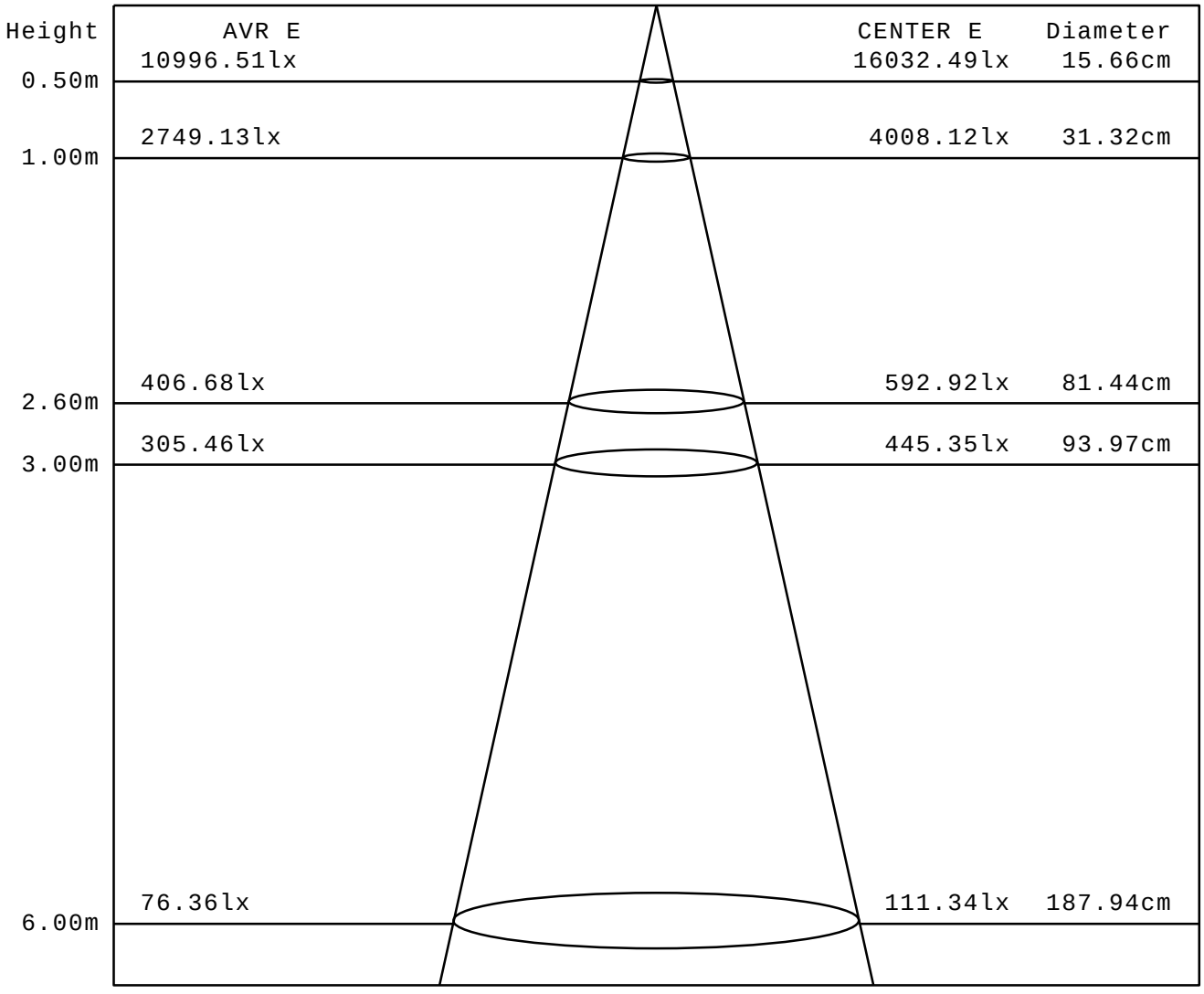
Scan Range: 380nm-780nmIntegral Time: 8.0ms Peak Signal: 8000 Dark Signal: 52251

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:17.8deg

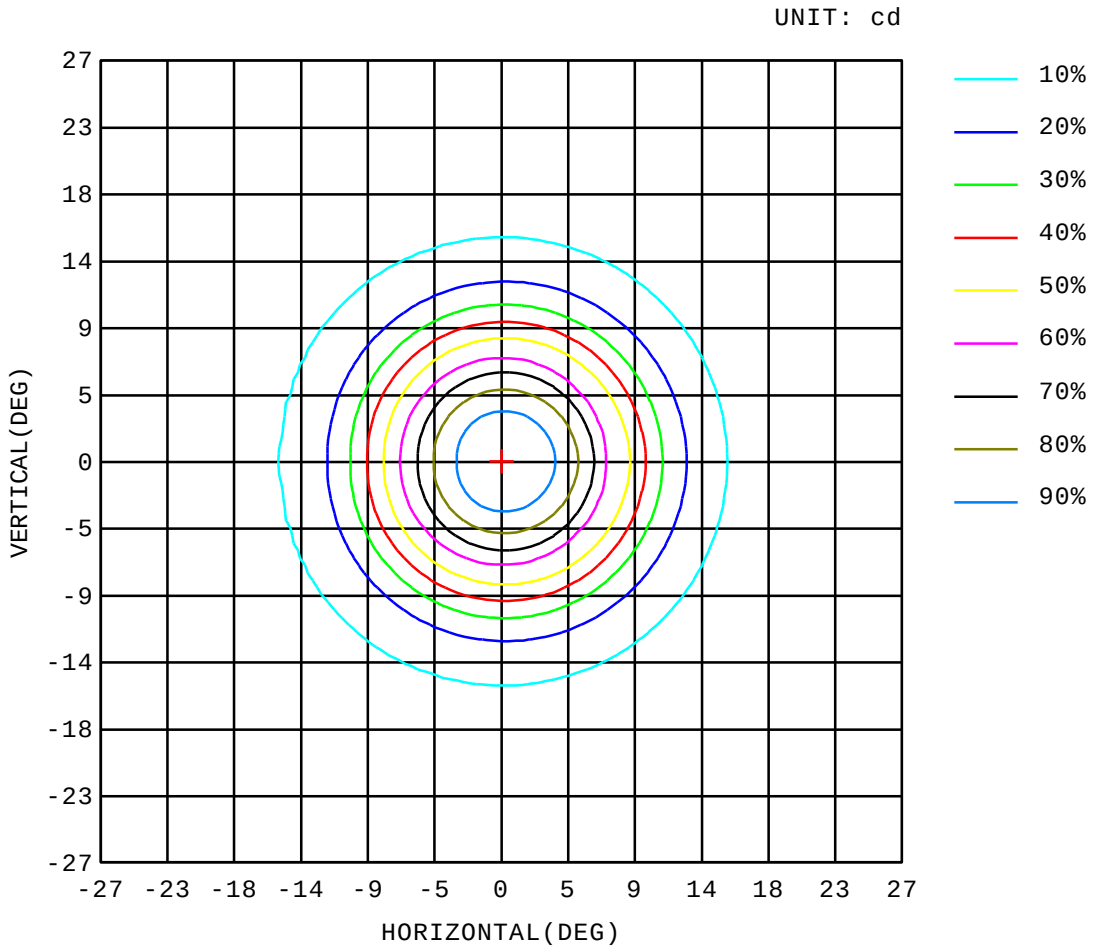
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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