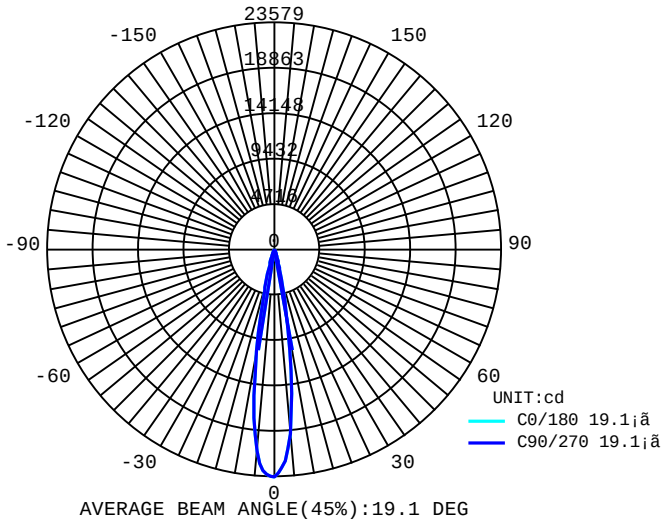
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Suspended LED plant light FOKUS - Dimmable 30W, 5 step CCT 2700K-6000K, matte black, CRI98	SKU: led-plant-light-FOKUS	TYPE: LED
SPECIFICATION: Suspended LED light, measured at the cool end of color range with beam angle set to 20	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	23579	S/MH(C0/180)	0.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.28
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	2959.5	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	96.3	Current(A)	1.280
NOMINAL FLUX(lm)	2959.5	η up(%)	0.0	Power(W)	30.71
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	2301.3	EEI	0.182(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):19.1 DEG

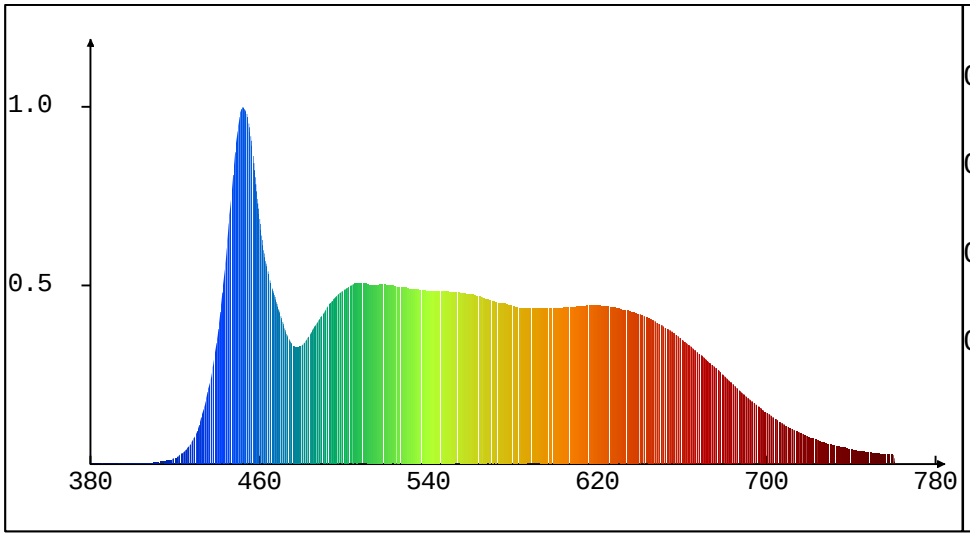
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

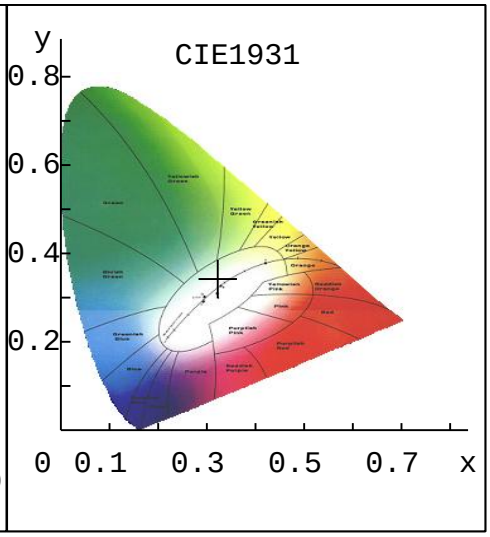
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 5884K Chro. Coor.: xa=0.3242 ya=0.3373 u'a=0.2026 v'a=0.4744 ¦¤u'v'=0.0014

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3235 y=0.3388 u'=0.2016 v'=0.4750 duv=0.0029

CCT: 5910K Dominant Wave: 499.0nm Purity: 3.0% Light Intensity: 99613.7cd

Flux RGB Ratio: R=32.4%,G=38.5%,B=29.0% Peak Wave: 451.5nm Half Width: 22.6nm

Rendering Index: Ra= 97.9

R1 =98	R2 =99	R3 =98	R4 =99	R5 =98	R6 =96	R7 =98	R8 =97
R9 =94	R10=98	R11=97	R12=77	R13=100	R14=99	R15=97	

Instrument State

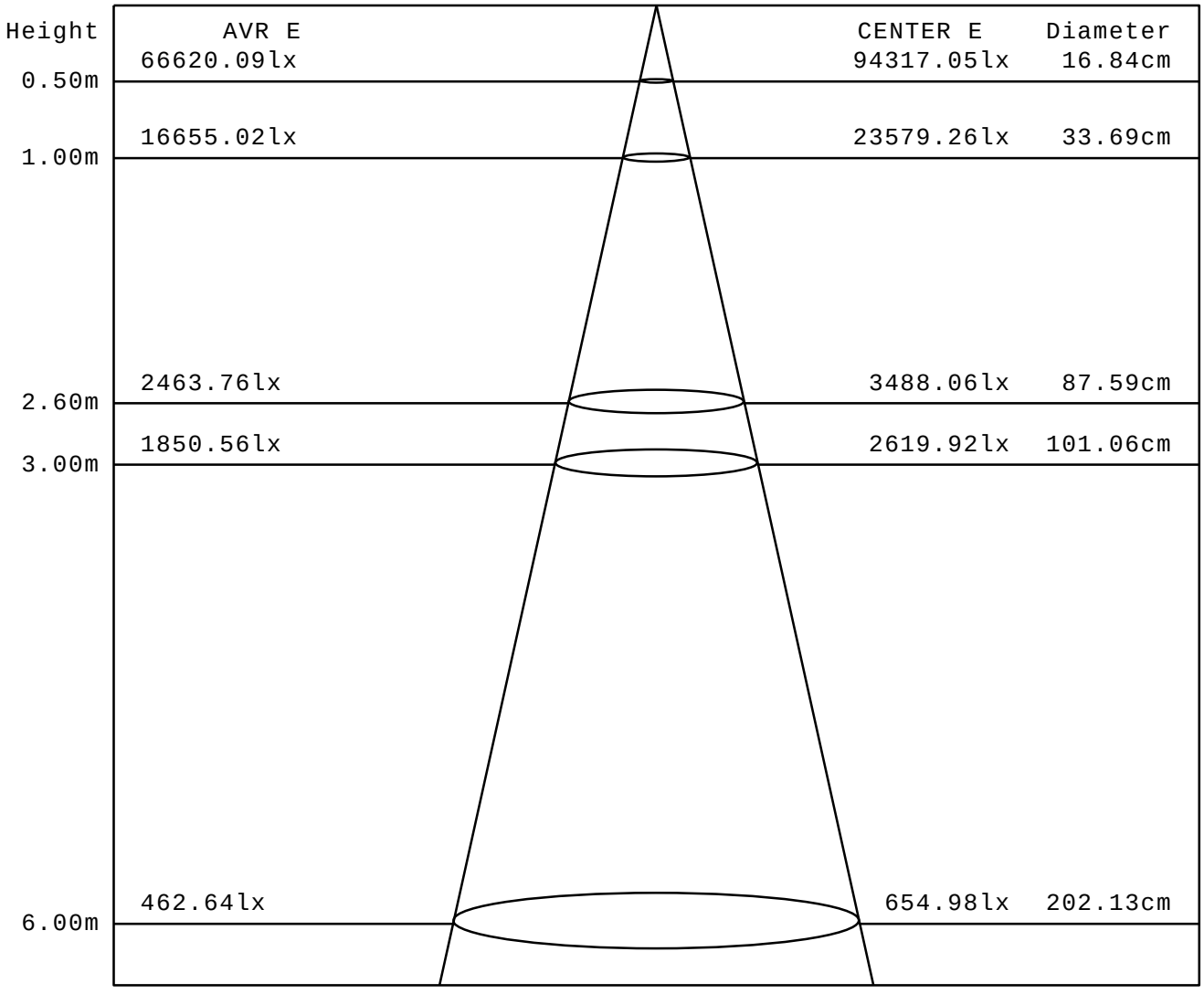
Scan Range: 380nm-780nmIntegral Time: 3.0ms Peak Signal: 801 Dark Signal: 51050

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		
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SPECIFICATION: Suspended LED light, measured at the cool end of color range with beam angle set to 20	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:19.1deg

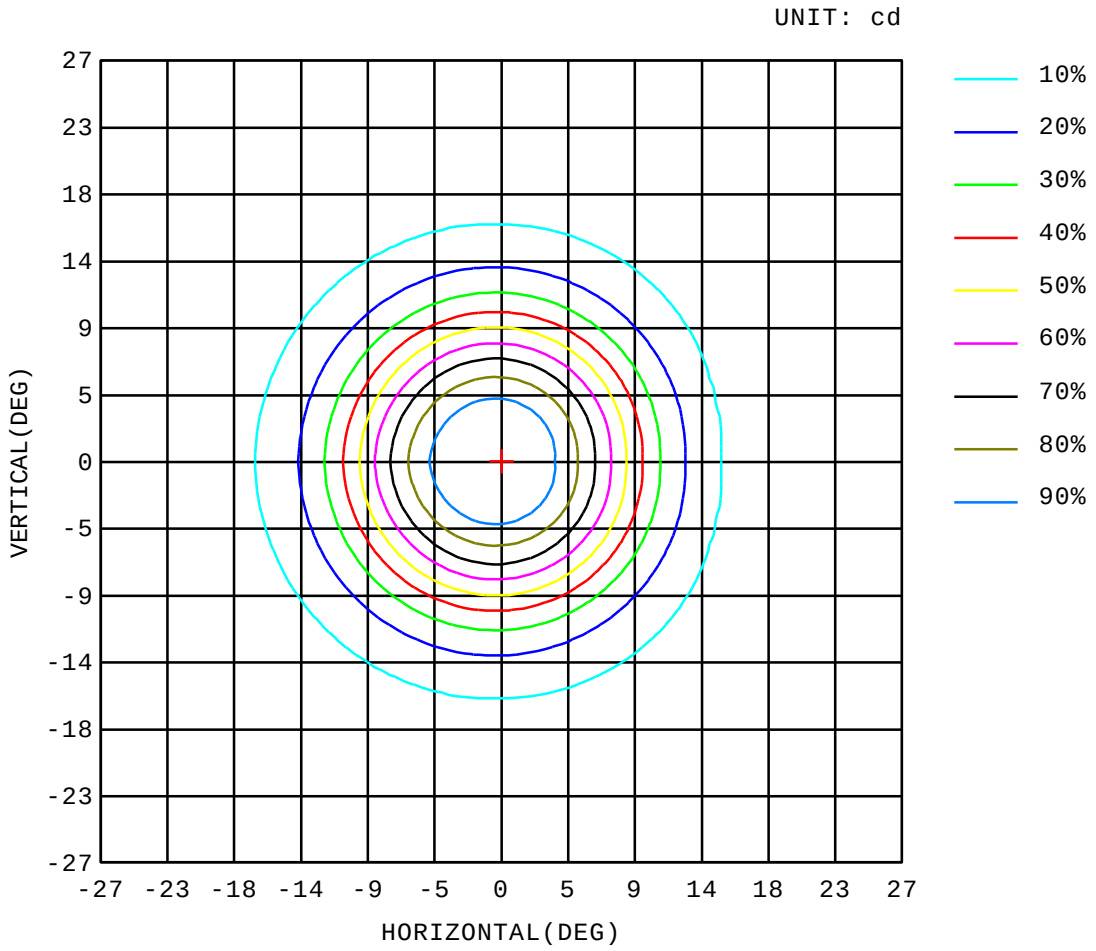
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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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: