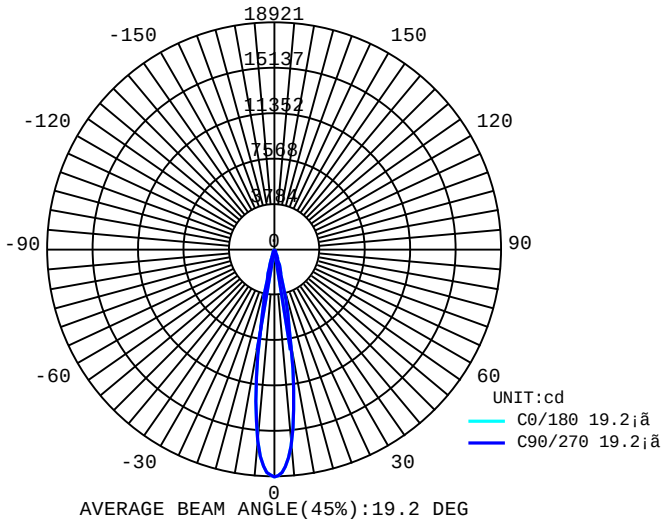
LUMINAIRE PHOTOMETRIC TEST REPORT

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 warm 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)	18921	S/MH(C0/180)	0.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.31
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	2377.0	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	77.4	Current(A)	1.280
NOMINAL FLUX(lm)	2377.1	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)	1844.5	EEI	0.227(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):19.2 DEG

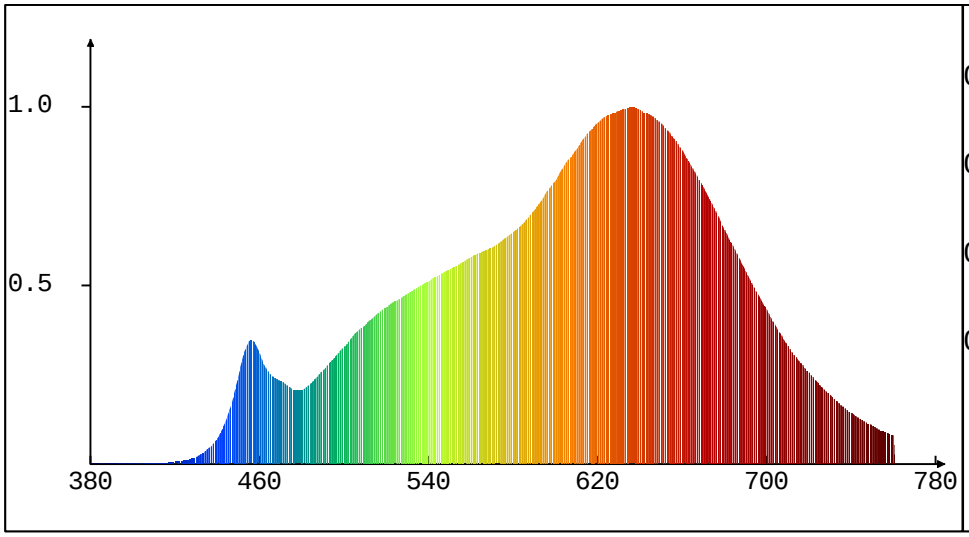
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

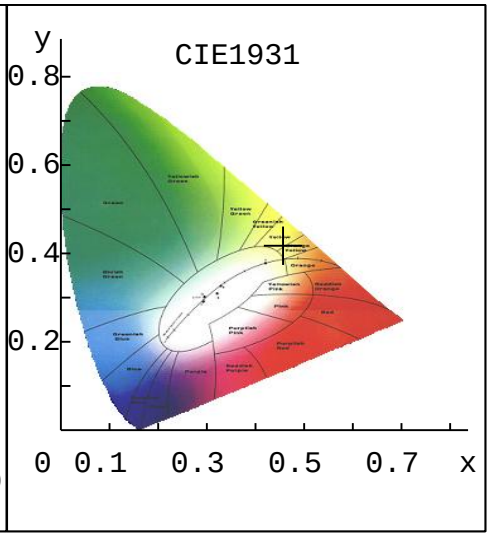
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 2746K Chro. Coor.: xa=0.4587 ya=0.4144 u'a=0.2601 v'a=0.5286 ¦¤u'v'=0.0006

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4576 y=0.4141 u'=0.2595 v'=0.5284 duv=0.0015

CCT: 2758K Dominant Wave: 583.4nm Purity: 61.7% Light Intensity: 78413.1cd

Flux RGB Ratio: R=57.9%,G=32.7%,B=9.4% Peak Wave: 636.8nm Half Width: 157.7nm

Rendering Index: Ra= 97.7

R1 =99	R2 =99	R3 =98	R4 =98	R5 =99	R6 =97	R7 =97	R8 =95
R9 =89	R10=99	R11=96	R12=87	R13=99	R14=98	R15=97	

Instrument State

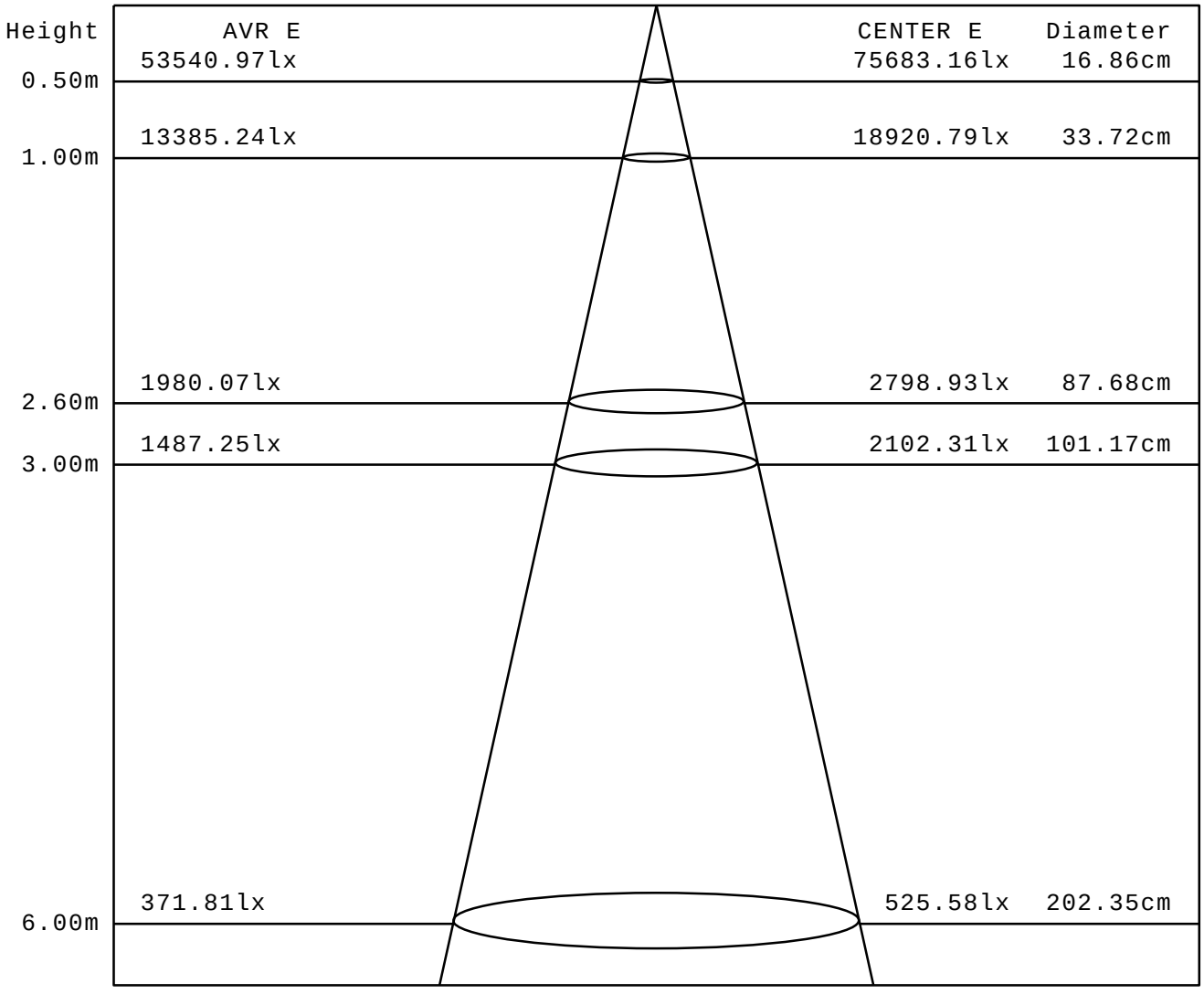
Scan Range: 380nm-780nmIntegral Time: 6.0ms Peak Signal: 1000 Dark Signal: 34649

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 warm end of color range with beam angle set to 20	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:19.1deg

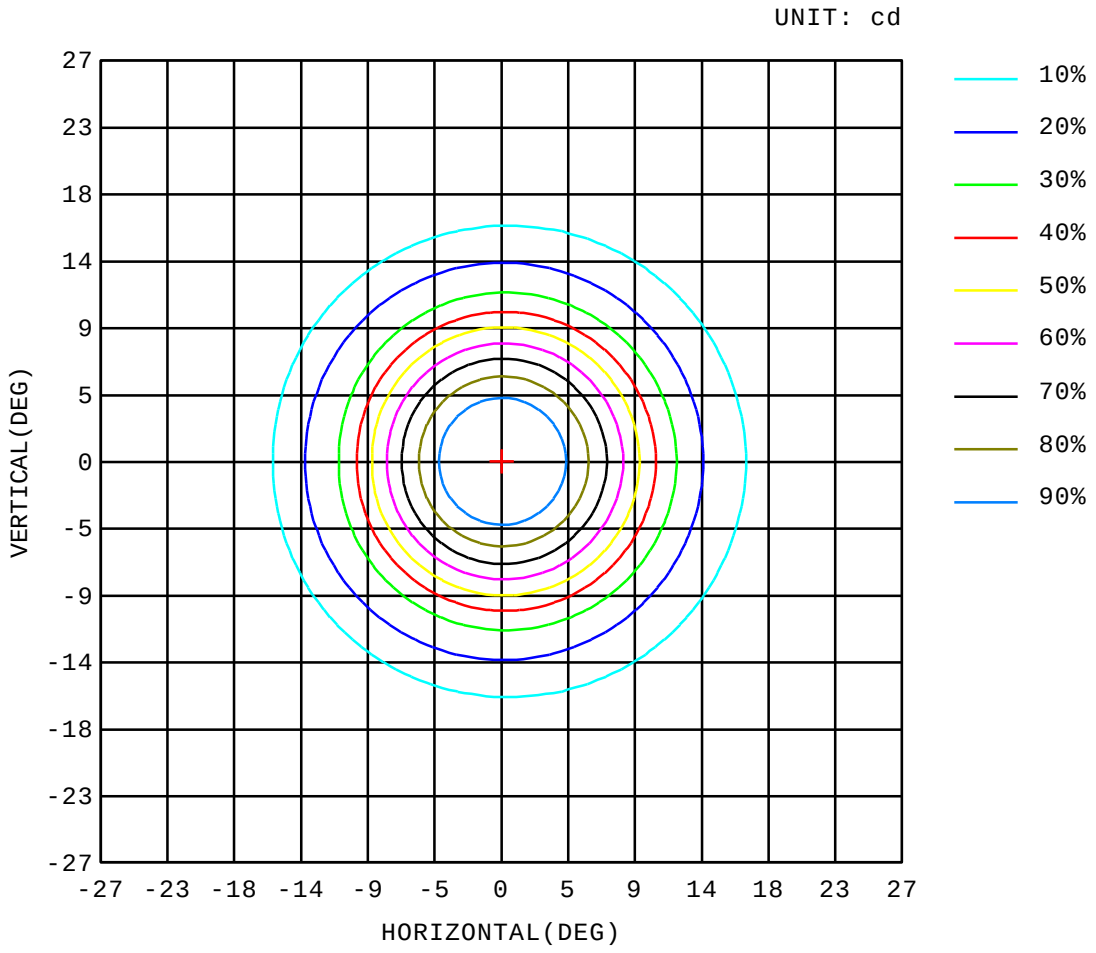
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: