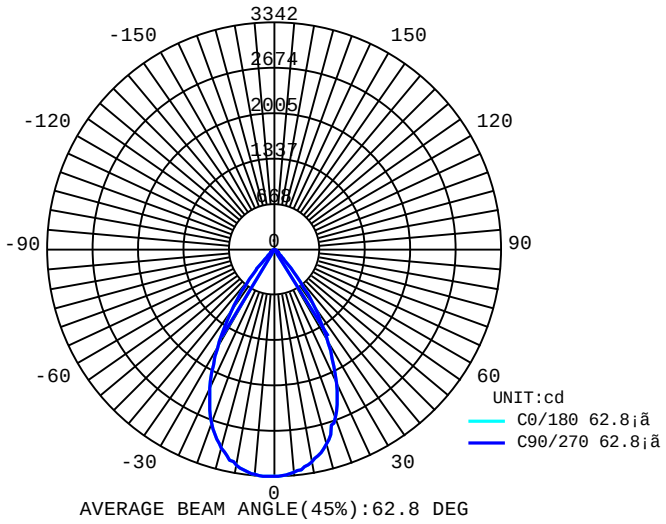
LUMINAIRE PHOTOMETRIC TEST REPORT

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 65	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	3342	S/MH(C0/180)	0.88
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.88
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	3116.3	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	101.4	Current(A)	1.280
NOMINAL FLUX(lm)	3116.4	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)	2909.3	EEI	0.144(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):62.8 DEG

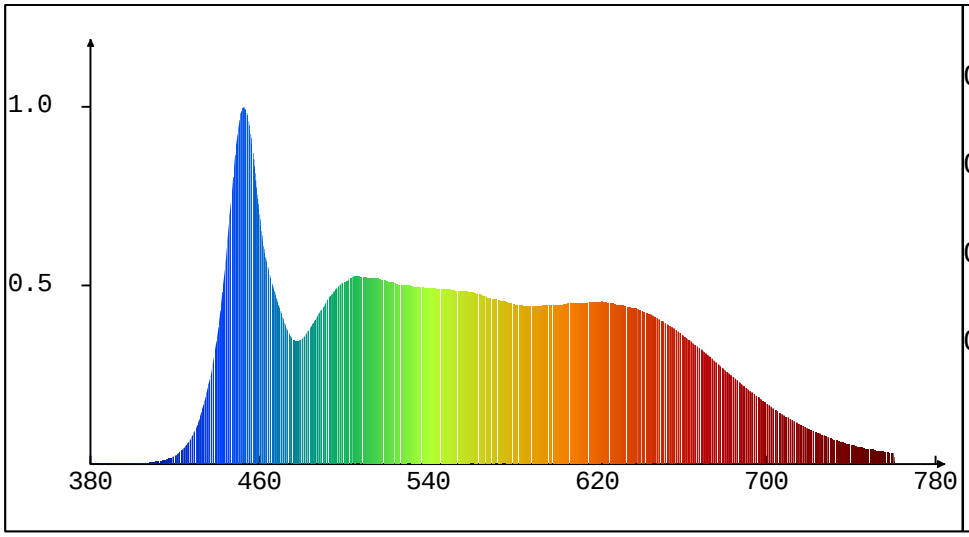
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

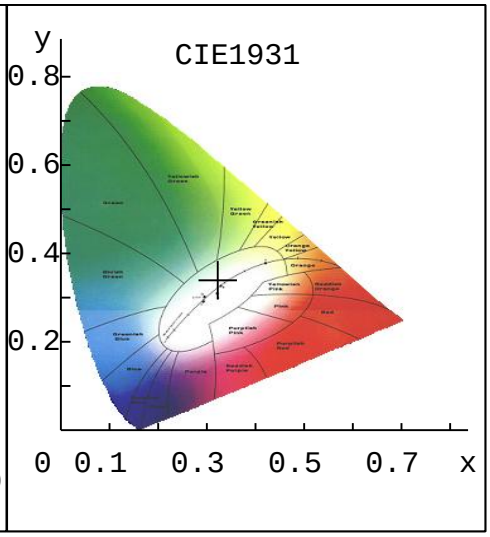
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 5954K Chro. Coor.: xa=0.3227 ya=0.3368 u'a=0.2018 v'a=0.4739 ¦¤u'v'=0.0002

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3228 y=0.3369 u'=0.2018 v'=0.4740 duv=0.0023

CCT: 5951K Dominant Wave: 496.1nm Purity: 3.4% Light Intensity: 13006.6cd

Flux RGB Ratio: R=33.3%,G=37.9%,B=28.8% Peak Wave: 451.7nm Half Width: 23.3nm

Rendering Index: Ra= 97.0

R1 =96	R2 =98	R3 =97	R4 =98	R5 =98	R6 =98	R7 =95	R8 =95
R9 =97	R10=98	R11=95	R12=80	R13=98	R14=98	R15=99	

Instrument State

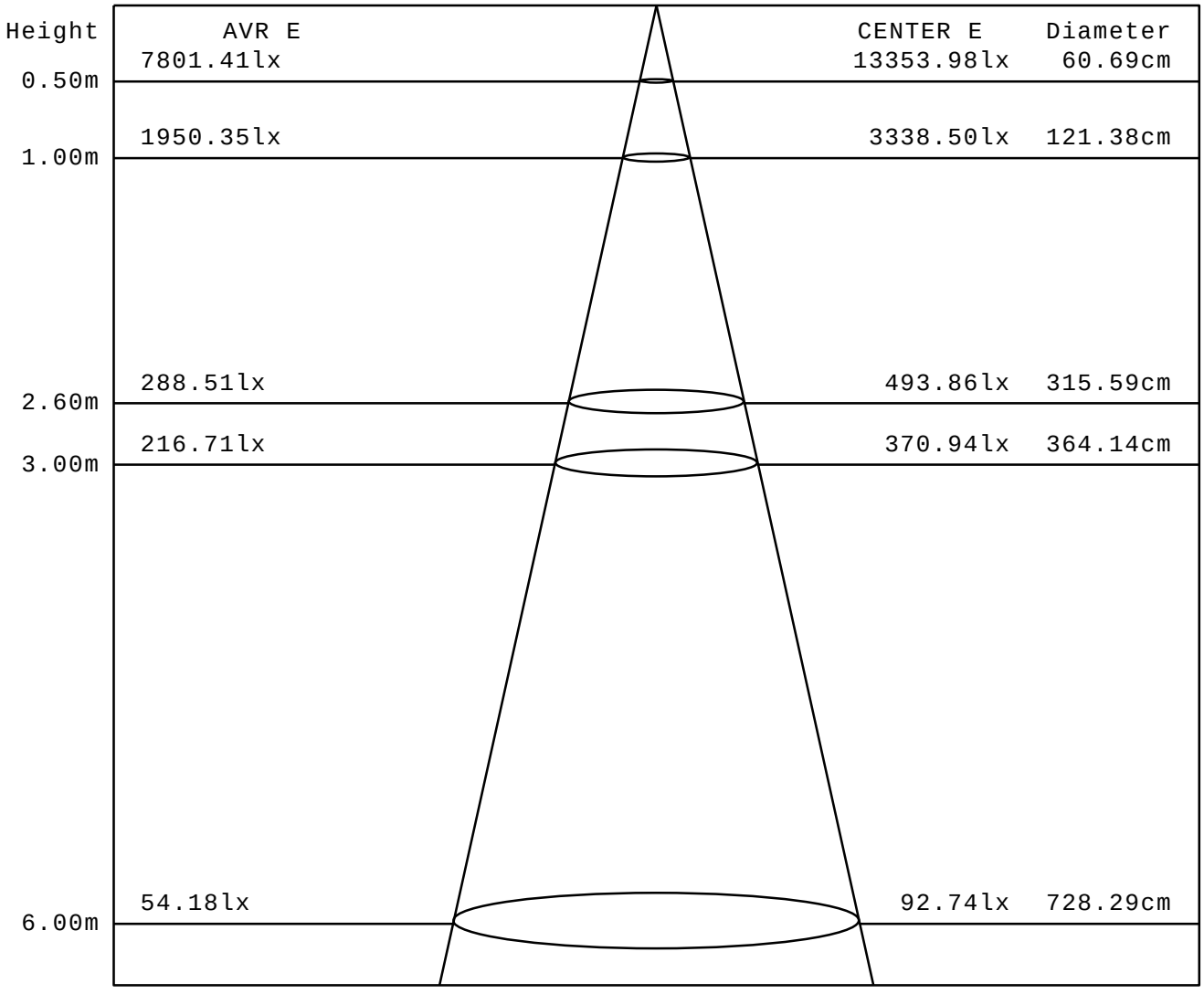
Scan Range: 380nm-780nmIntegral Time: 6.0ms Peak Signal: 6000 Dark Signal: 50195

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 65	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:62.5deg

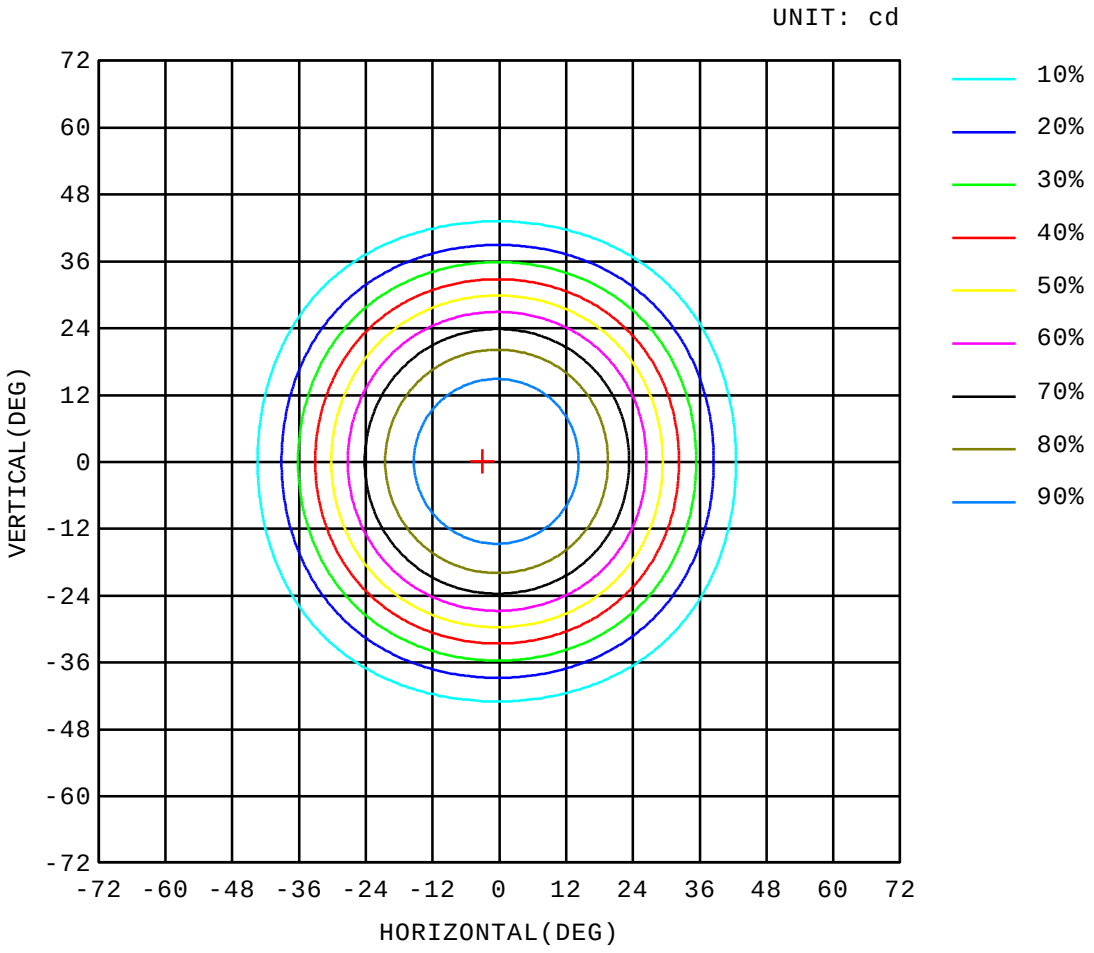
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: