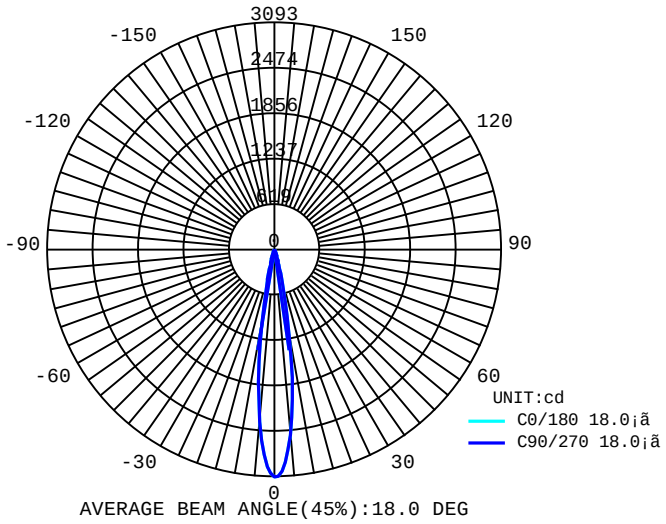
LUMINAIRE PHOTOMETRIC TEST REPORT

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 warm 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)	3093	S/MH(C0/180)	0.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.29
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	362.97	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	45.1	Current(A)	0.035
NOMINAL FLUX(lm)	363.0	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)	260.6	EEI	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):18.0 DEG

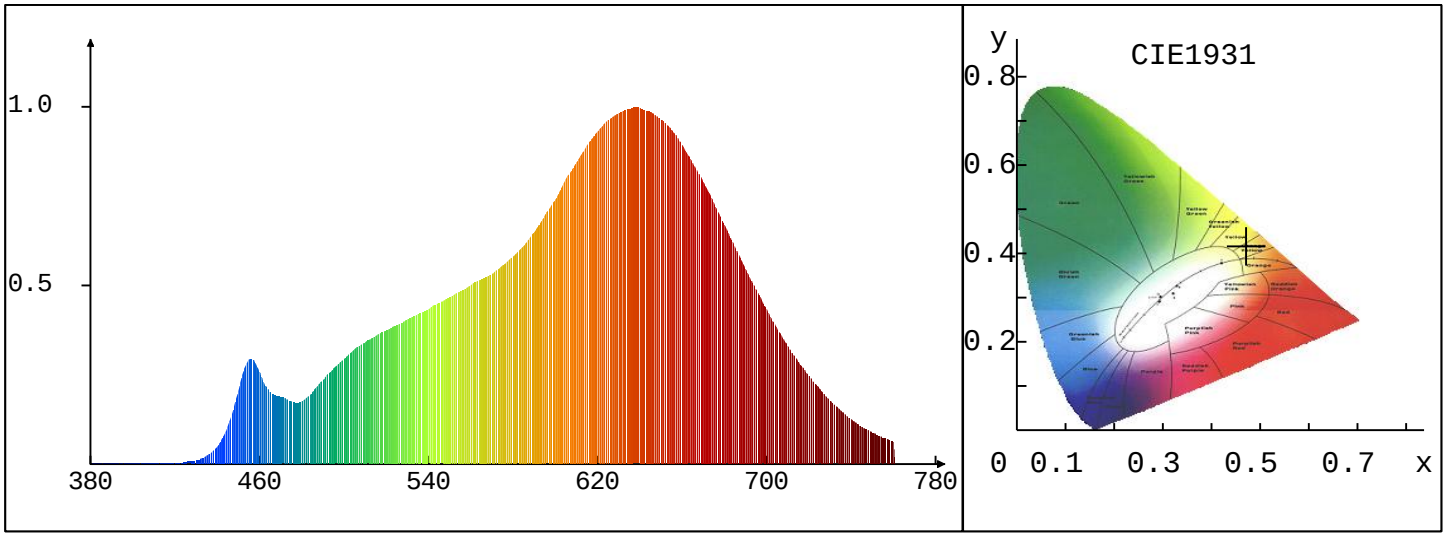
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2570K Chro. Coor.: xa=0.4706 ya=0.4124 u'a=0.2686 v'a=0.5296 ¦¤u'v'=0.0009

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4715 y=0.4117 u'=0.2696 v'=0.5295 duv=-0.0004

CCT: 2553K Dominant Wave: 585.1nm Purity: 65.1% Light Intensity: 8711.6cd

Flux RGB Ratio: R=60.9%,G=30.7%,B=8.4% Peak Wave: 636.8nm Half Width: 134.8nm

Rendering Index: Ra= 96.1

R1 =96	R2 =97	R3 =99	R4 =96	R5 =95	R6 =92	R7 =96	R8 =97
R9 =94	R10=94	R11=91	R12=87	R13=96	R14=99	R15=99	

Instrument State

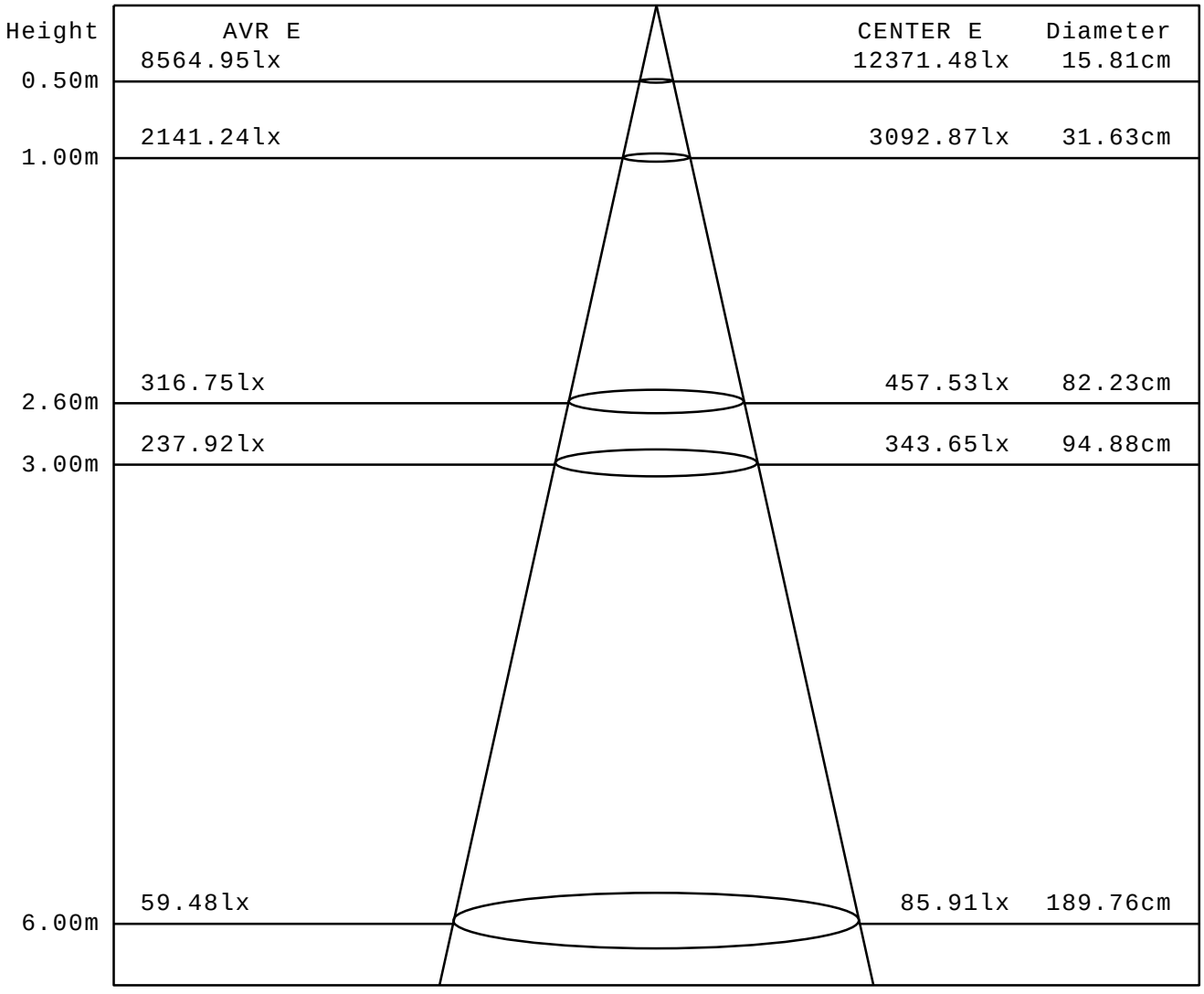
Scan Range: 380nm-780nmIntegral Time: 14.0ms Peak Signal: 14000 Dark Signal: 56719

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:18.0deg

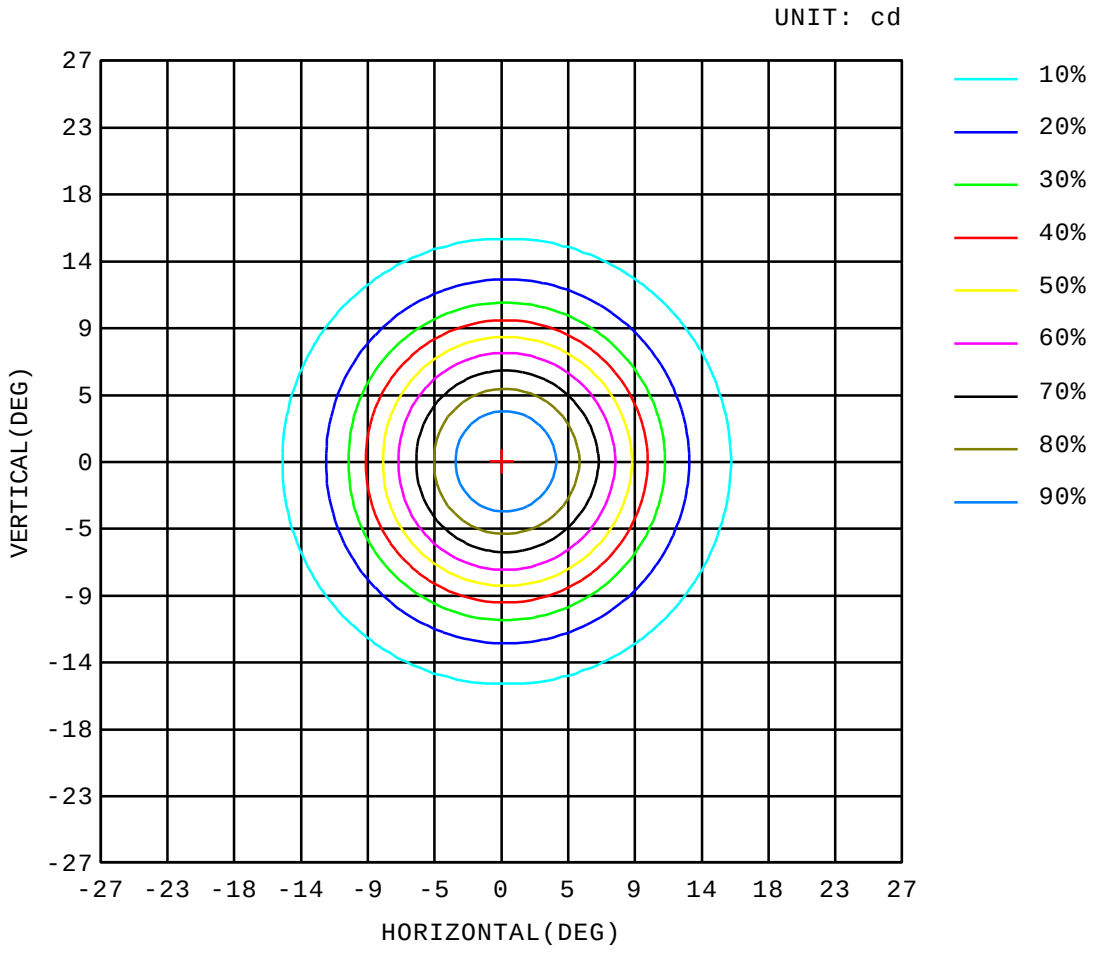
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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