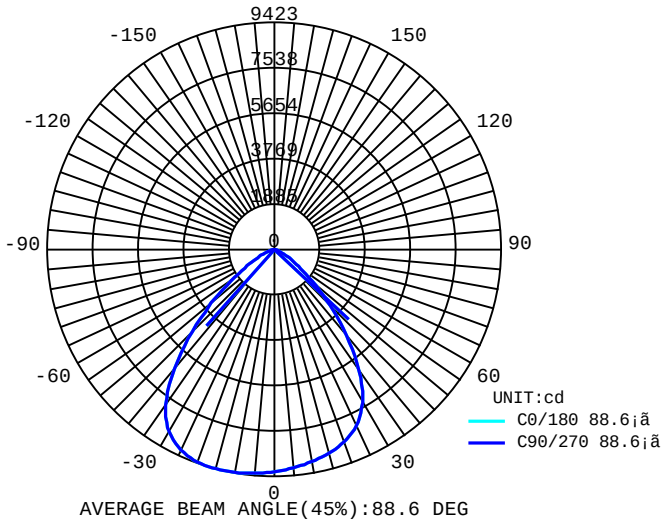
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED High Bay, UFO CCT 160W, CRI96, CCT 4000-5000-6000K	SKU: Led-High-Bay-UFO-CCT-150W-CRI98-4000-5000-6000K	TYPE: LED
SPECIFICATION: LED ceiling light, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	9423	S/MH(C0/180)	1.15
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.15
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	17133	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	108.7	Current(A)	0.685
NOMINAL FLUX(lm)	17132.5	η up(%)	0.0	Power(W)	157.5
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	16397.8	EEI	0.131(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):88.6 DEG

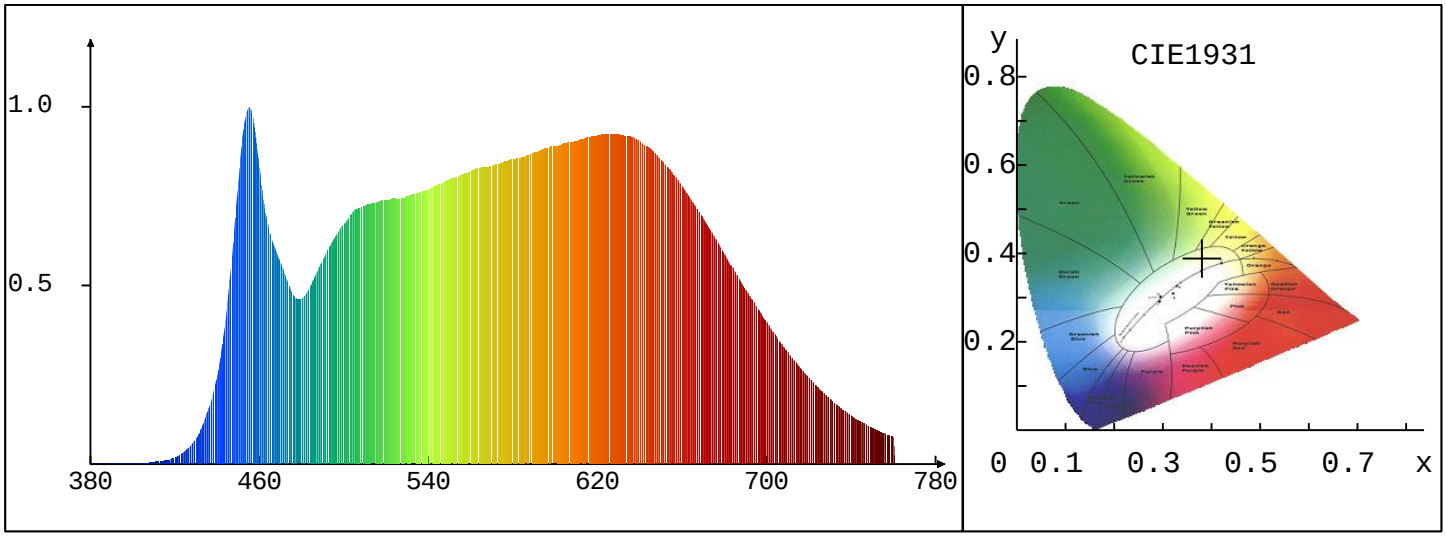
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4059K Chro. Coor.: xa=0.3804 ya=0.3848 u'a=0.2219 v'a=0.5051 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3805 y=0.3849 u'=0.2219 v'=0.5051 duv=0.0038

CCT: 4057K Dominant Wave: 576.9nm Purity: 29.7% Light Intensity: 41422.5cd

Flux RGB Ratio: R=43.2%,G=37.8%,B=19.0% Peak Wave: 454.2nm Half Width: 27.5nm

Rendering Index: Ra= 95.7

R1 =97	R2 =99	R3 =99	R4 =94	R5 =95	R6 =97	R7 =95	R8 =91
R9 =82	R10=97	R11=96	R12=75	R13=97	R14=99	R15=93	

Instrument State

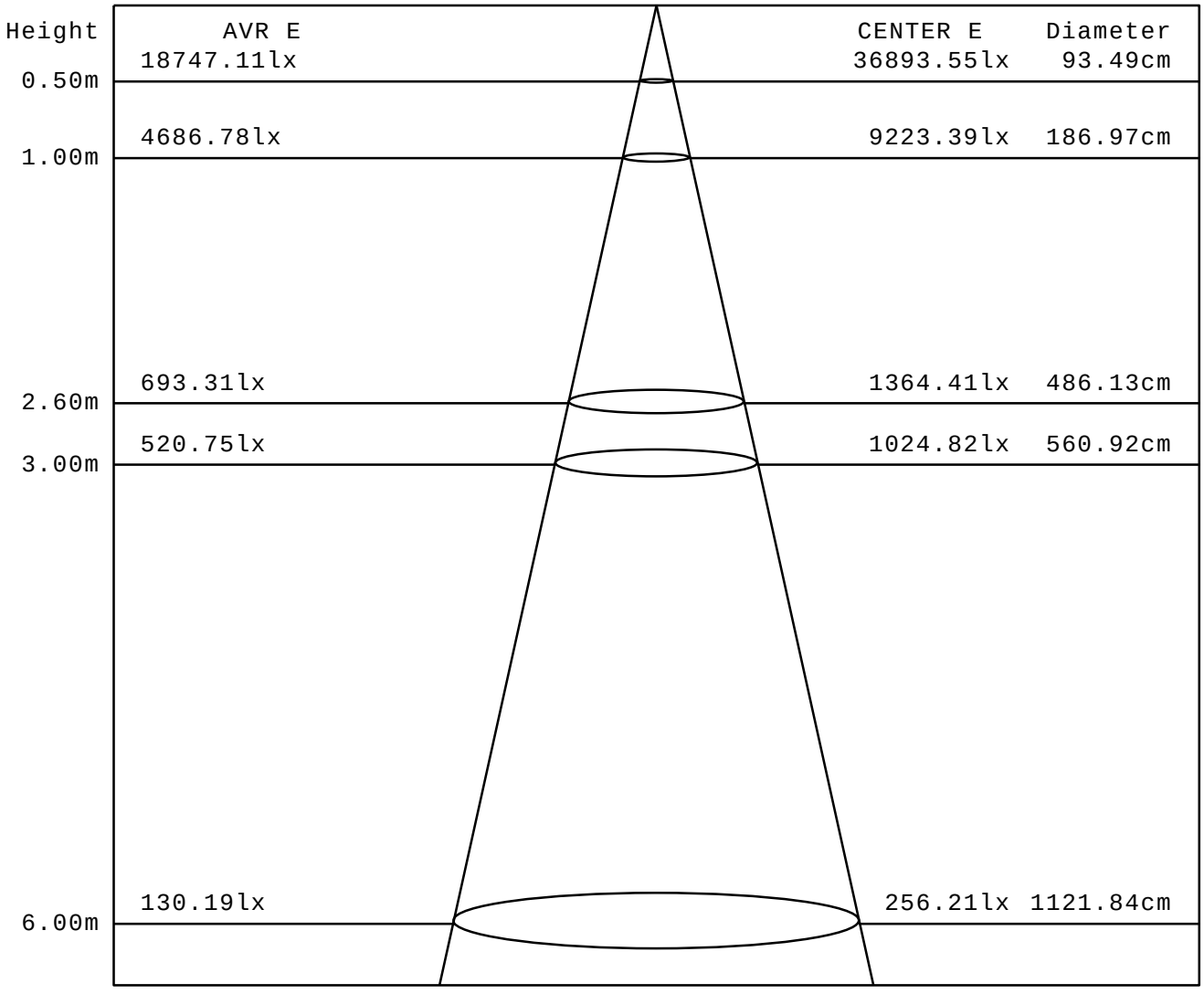
Scan Range: 380nm-780nmIntegral Time: 3.0ms Peak Signal: 3000 Dark Signal: 45159

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

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Angle:86.1deg

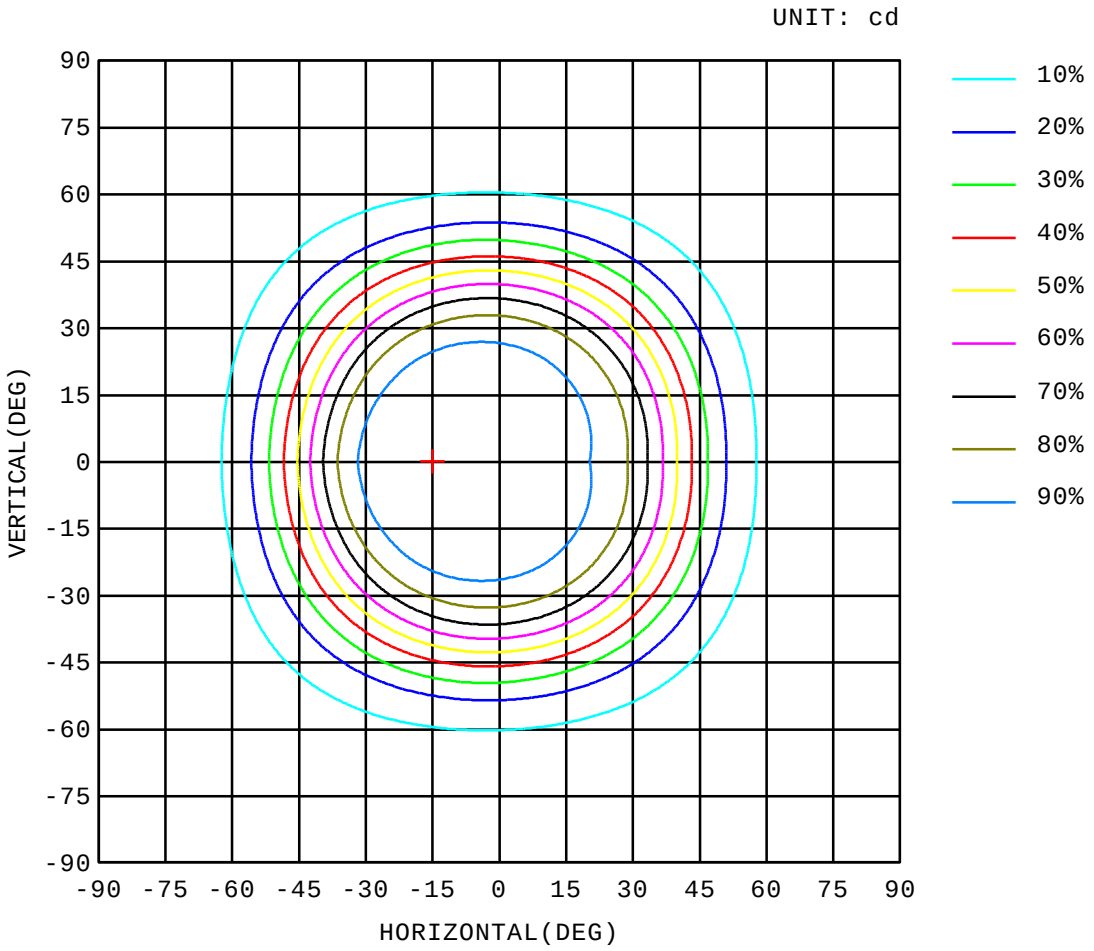
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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