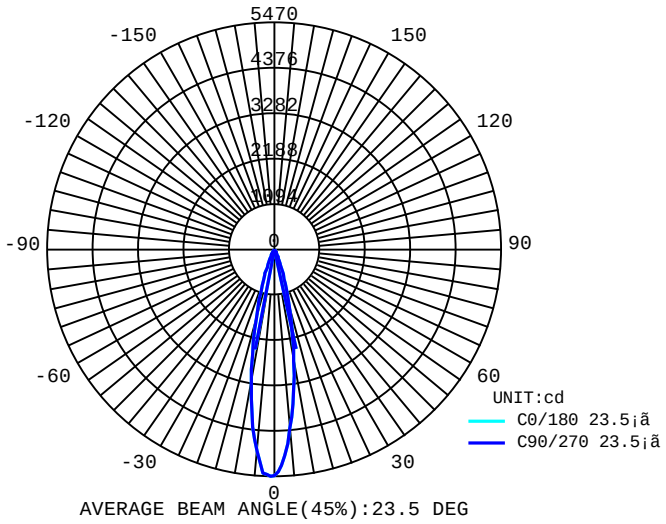
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight —KOLO ROUND, CCT 2800-6600K,dimmable, Pull-out 10W, high CRI96	SKU: KOLO	TYPE: LED
SPECIFICATION: LED downlight, 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)	5470	S/MH(C0/180)	0.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.34
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	1058.6	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	107.3	Current(A)	0.235
NOMINAL FLUX(lm)	1058.6	η up(%)	0.0	Power(W)	9.870
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	863.0	EEI	0.145(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):23.5 DEG

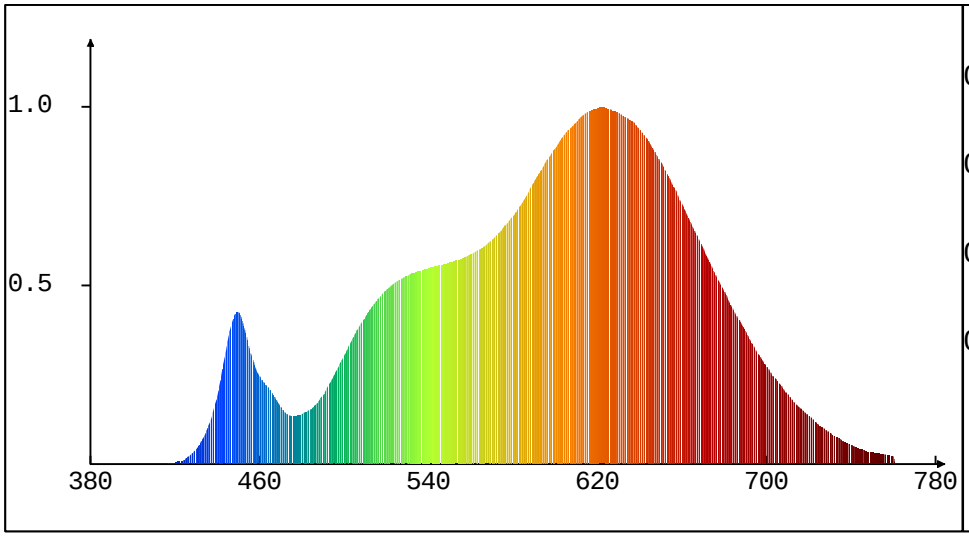
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

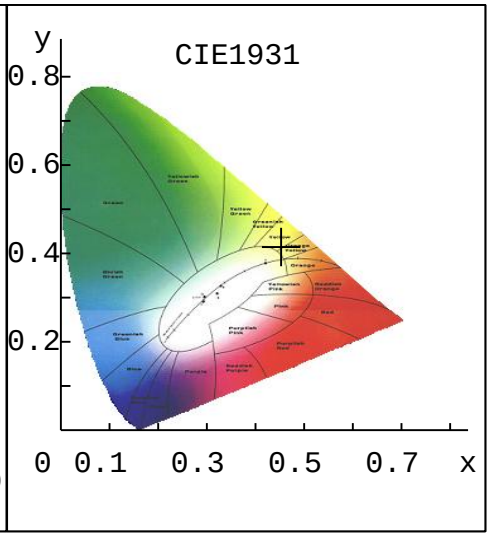
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 2804K Chro. Coor.: xa=0.4529 ya=0.4110 u'a=0.2578 v'a=0.5265 ¦¤u'v'=0.0002

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4529 y=0.4108 u'=0.2579 v'=0.5264 duv=0.0007

CCT: 2801K Dominant Wave: 583.5nm Purity: 59.3% Light Intensity: 210.5cd

Flux RGB Ratio: R=52.5%,G=37.4%,B=10.1% Peak Wave: 621.9nm Half Width: 156.6nm

Rendering Index: Ra= 94.4

R1 =96	R2 =96	R3 =96	R4 =97	R5 =96	R6 =97	R7 =94	R8 =85
R9 =63	R10=91	R11=95	R12=85	R13=96	R14=97	R15=91	

Instrument State

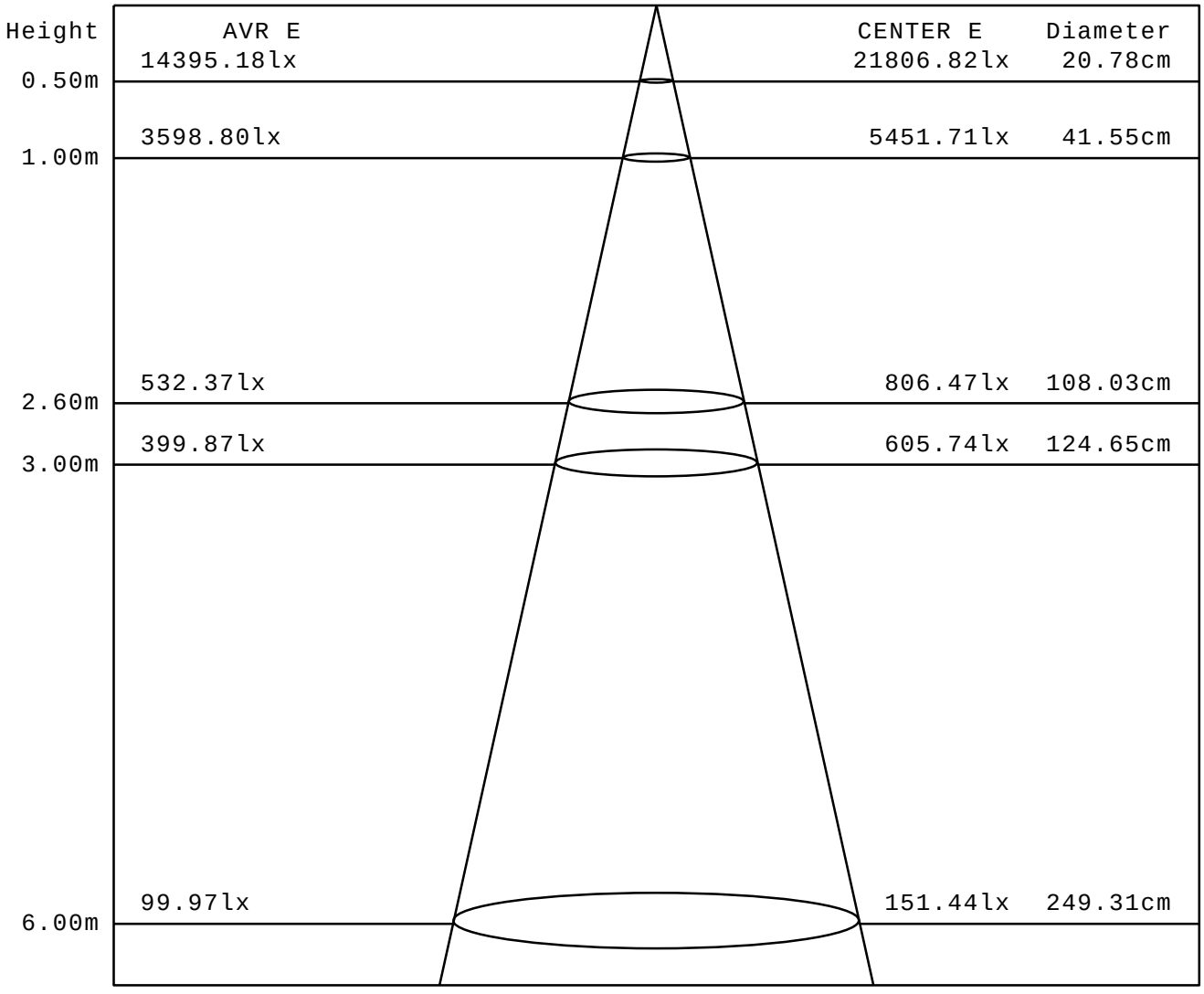
Scan Range: 380nm-780nmIntegral Time: 620.0ms Peak Signal: 620000 Dark Signal: 54832

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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Angle:23.5deg

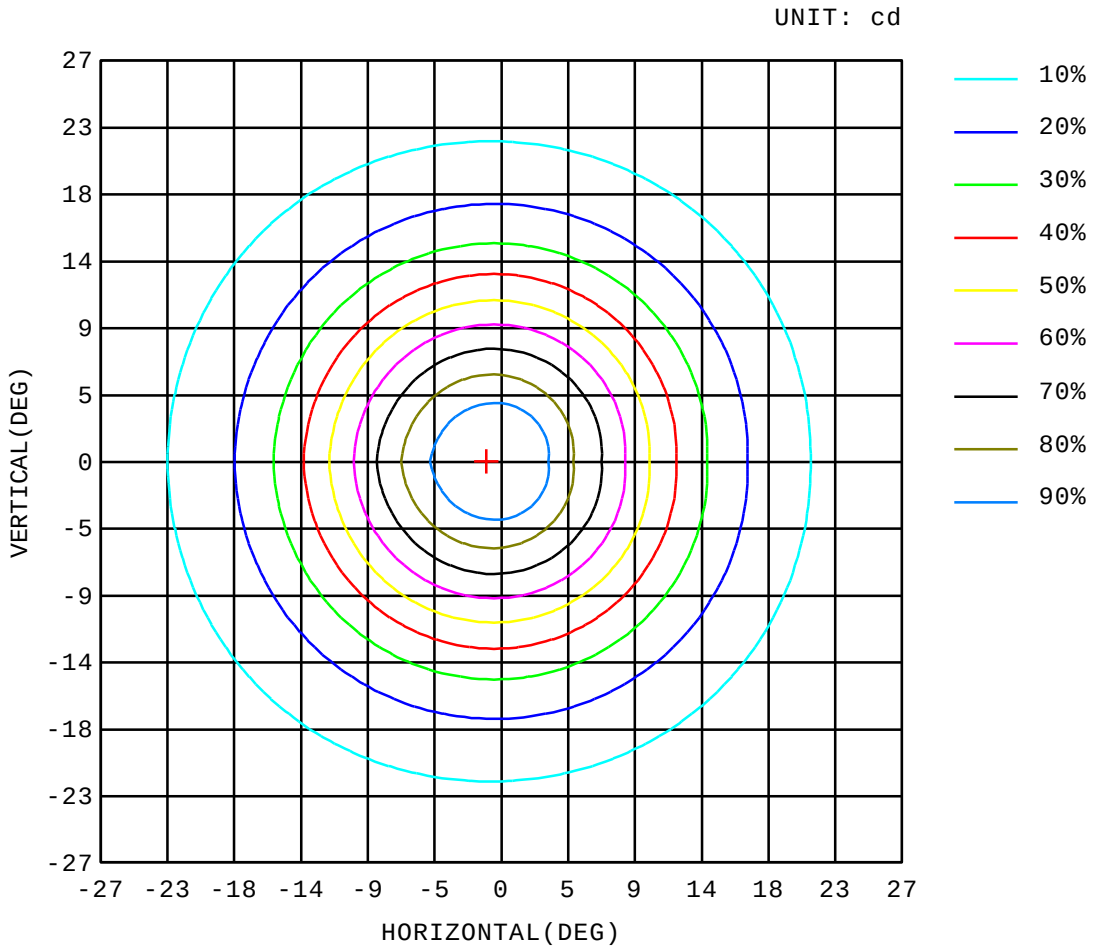
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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