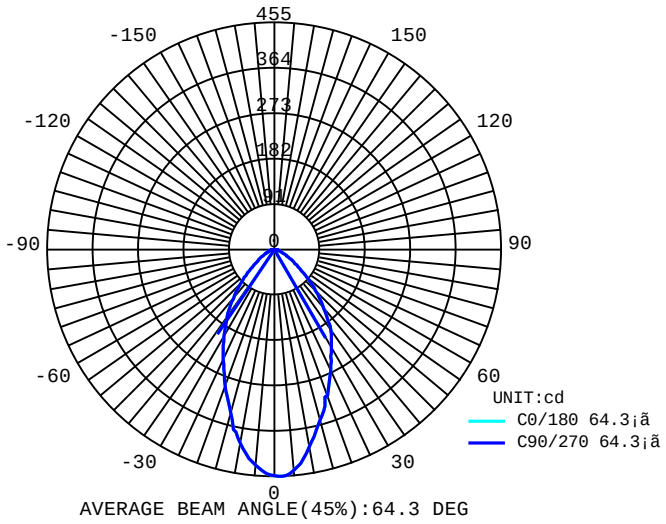
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Zigbee LED GU10, 5W, 600 luumen, high CRI98, CCT 2700-5800K	SKU: GU10-ZG	TYPE: LED
SPECIFICATION: LED bulb, 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)	455.2	S/MH(C0/180)	0.84
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.84
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	529.18	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	115.0	Current(A)	0.020
NOMINAL FLUX(lm)	529.2	η up(%)	0.0	Power(W)	4.600
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	481.7	EEI	0.107(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):64.3 DEG

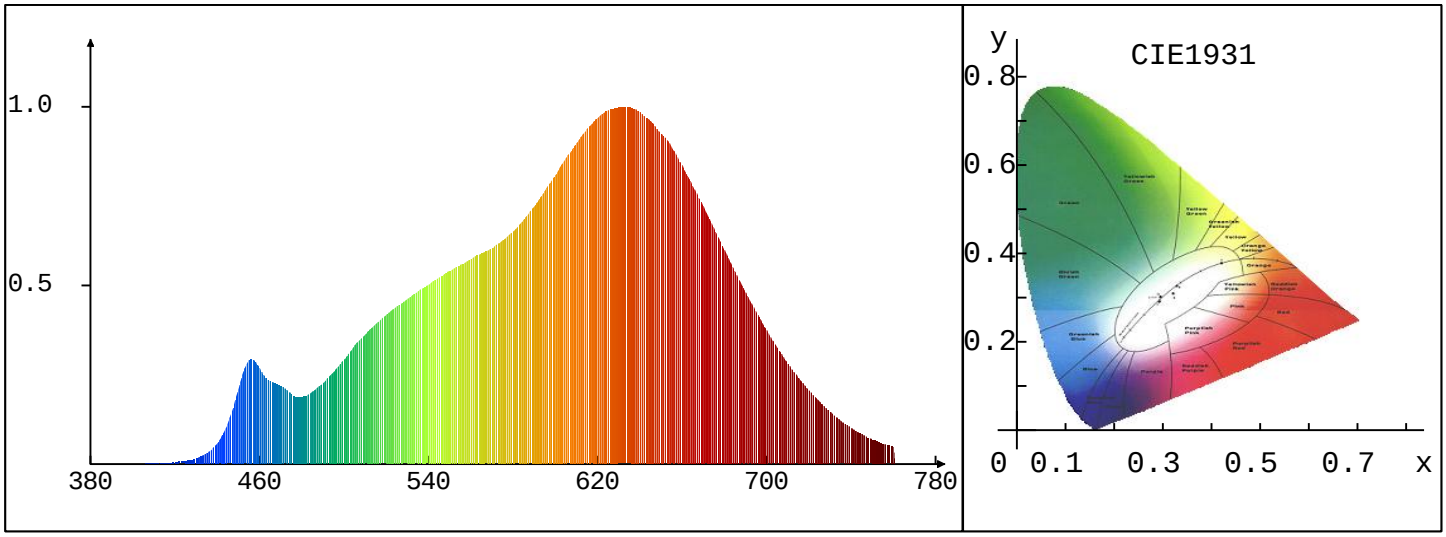
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2674K Chro. Coor.: xa=0.4663 ya=0.4188 u'a=0.2630 v'a=0.5314 ¦¤u'v'=0.0004

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4661 y=0.4186 u'=0.2629 v'=0.5313 duv=0.0024

CCT: 2676K Dominant Wave: 583.6nm Purity: 65.6% Light Intensity: 1331.8cd

Flux RGB Ratio: R=57.4%,G=33.9%,B=8.7% Peak Wave: 630.8nm Half Width: 149.2nm

Rendering Index: Ra= 96.9

R1 =98	R2 =99	R3 =97	R4 =98	R5 =98	R6 =99	R7 =96	R8 =91
R9 =79	R10=96	R11=99	R12=86	R13=99	R14=97	R15=94	

Instrument State

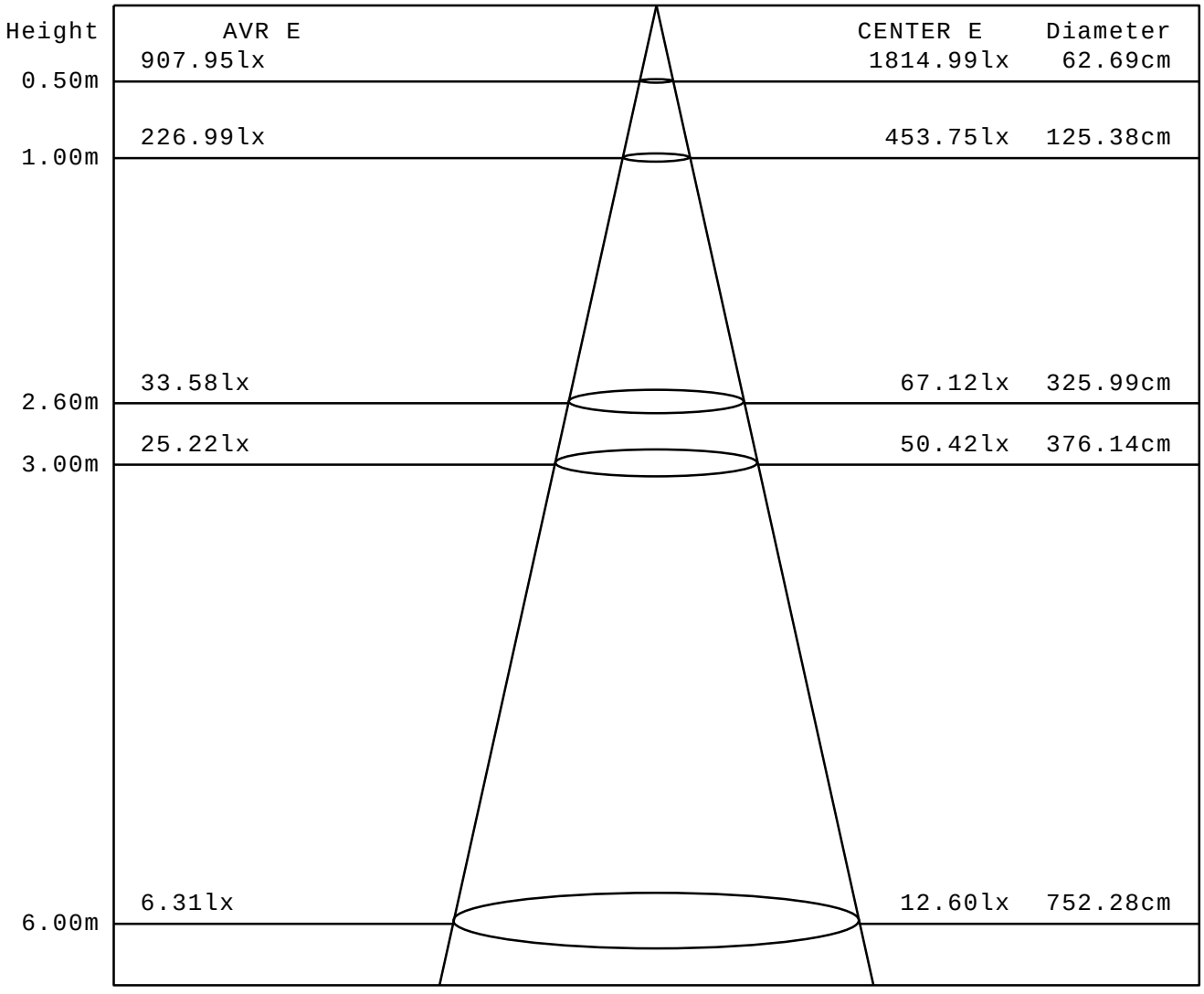
Scan Range: 380nm-780nmIntegral Time: 110.0ms Peak Signal: 110000 Dark Signal: 62250

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		
NAME: Zigbee LED GU10, 5W, 600 luumen, high CRI98, CCT 2700-5800K	SKU: GU10-ZG	TYPE: LED
SPECIFICATION: LED bulb, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:64.2deg

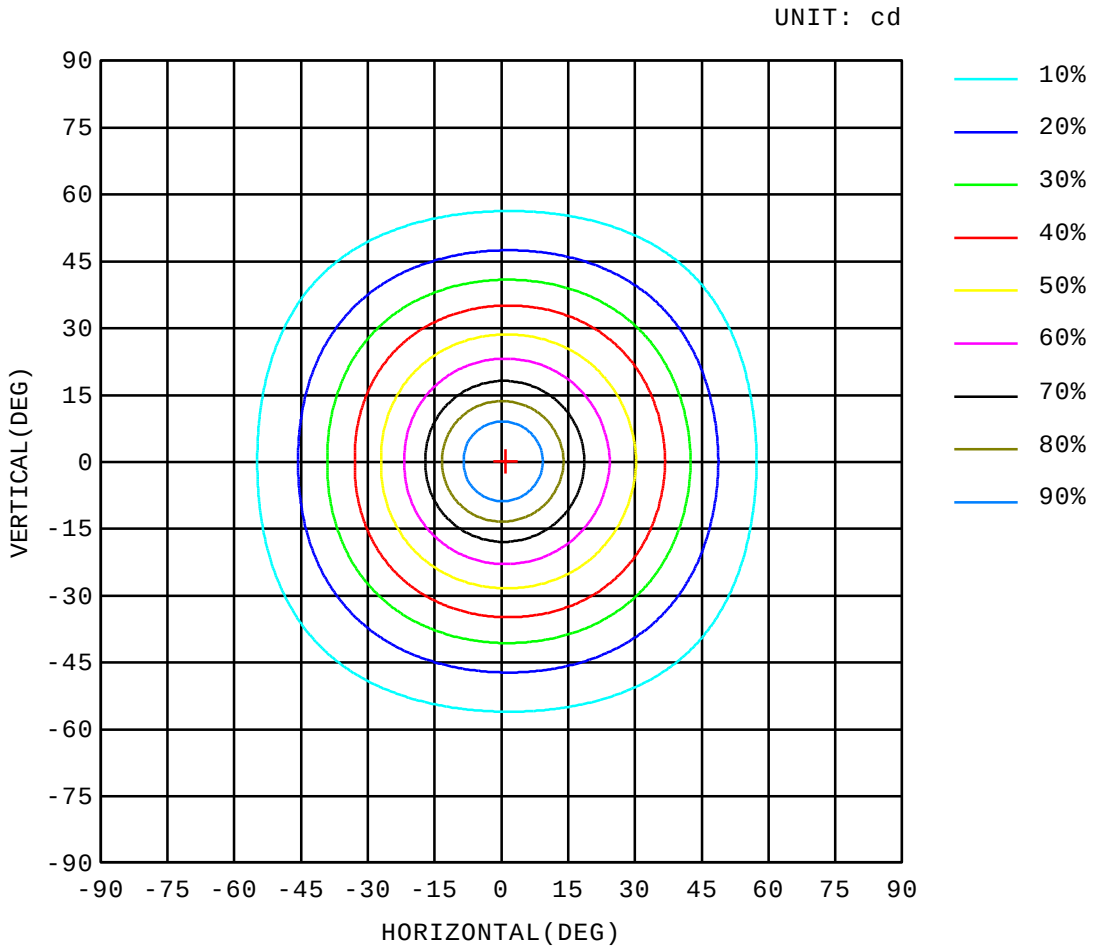
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: