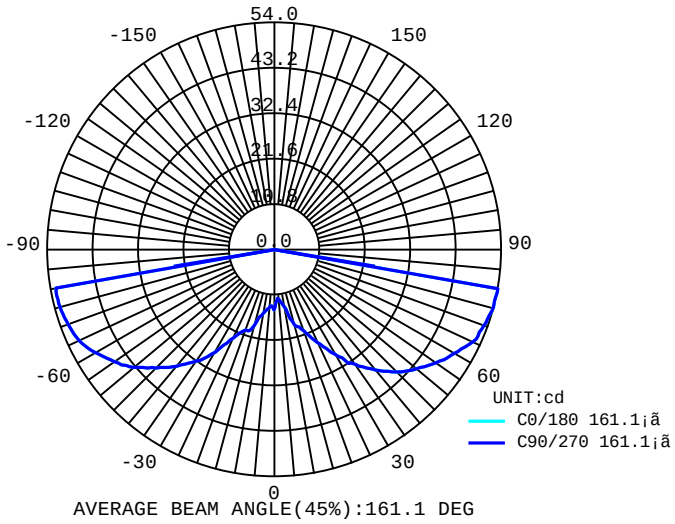
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED bulb E14 — CANDLE, clear, high CRI94, dimmable 4W, 4000K	SKU: E14-clear-HIGH-CRI-4000	TYPE: LED
SPECIFICATION: LED bulb	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	54.00	S/MH(C0/180)	3.18
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	3.18
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	221.97	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	64.3	Current(A)	0.015
NOMINAL FLUX(lm)	222.0	η up(%)	0.0	Power(W)	3.450
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	222.0	EEI	0.144(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):161.1 DEG

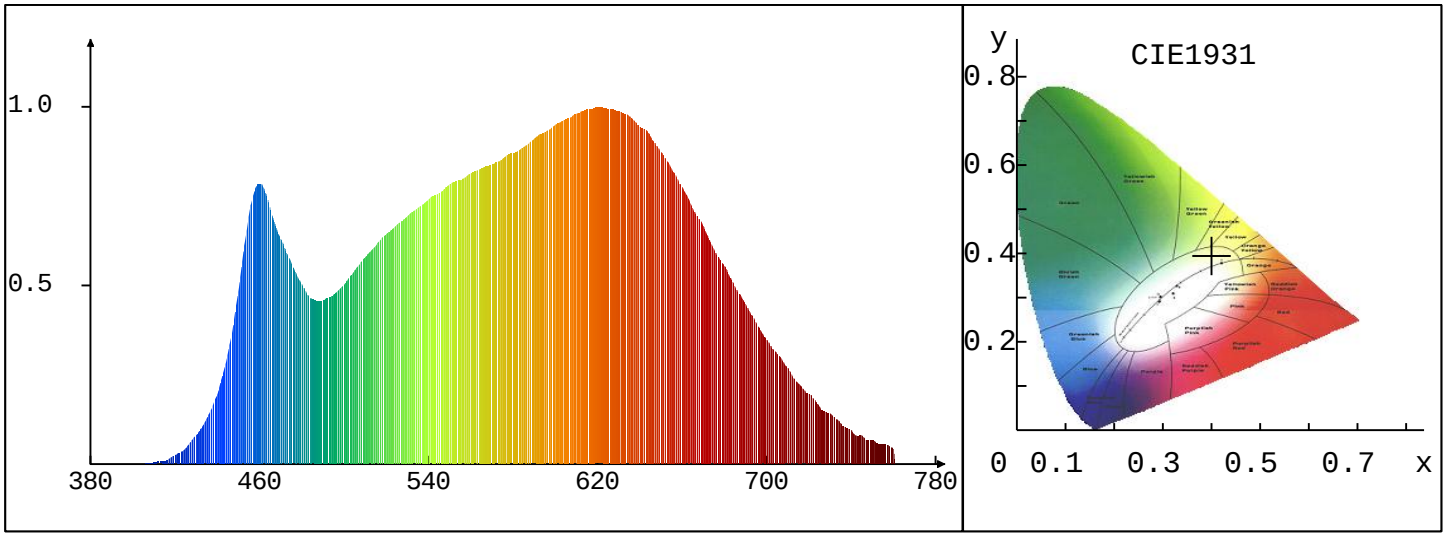
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3686K Chro. Coor.: xa=0.3971 ya=0.3907 u'a=0.2304 v'a=0.5100 ¦¤u'v'=0.0022

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4005 y=0.3909 u'=0.2325 v'=0.5106 duv=0.0012

CCT: 3609K Dominant Wave: 580.0nm Purity: 37.5% Light Intensity: 54.0cd

Flux RGB Ratio: R=44.7%,G=38.0%,B=17.3% Peak Wave: 619.8nm Half Width: 185.7nm

Rendering Index: Ra= 94.3

R1 =95	R2 =99	R3 =99	R4 =91	R5 =94	R6 =97	R7 =92	R8 =87
R9 =73	R10=96	R11=92	R12=76	R13=97	R14=100	R15=93	

Instrument State

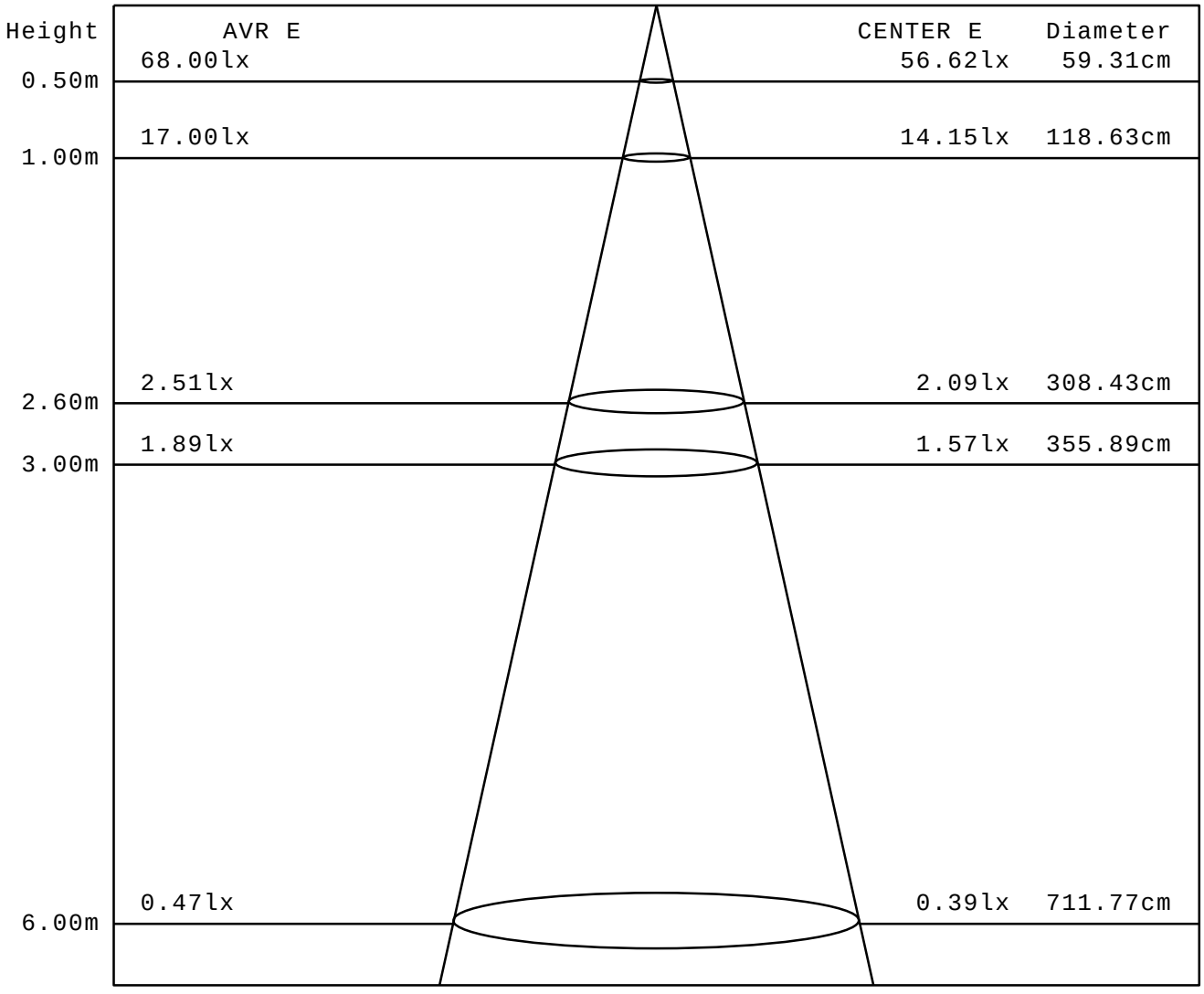
Scan Range: 380nm-780nmIntegral Time: 2800.0msPeak Signal: 2800000 Dark Signal: 53870

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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SPECIFICATION: LED bulb	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



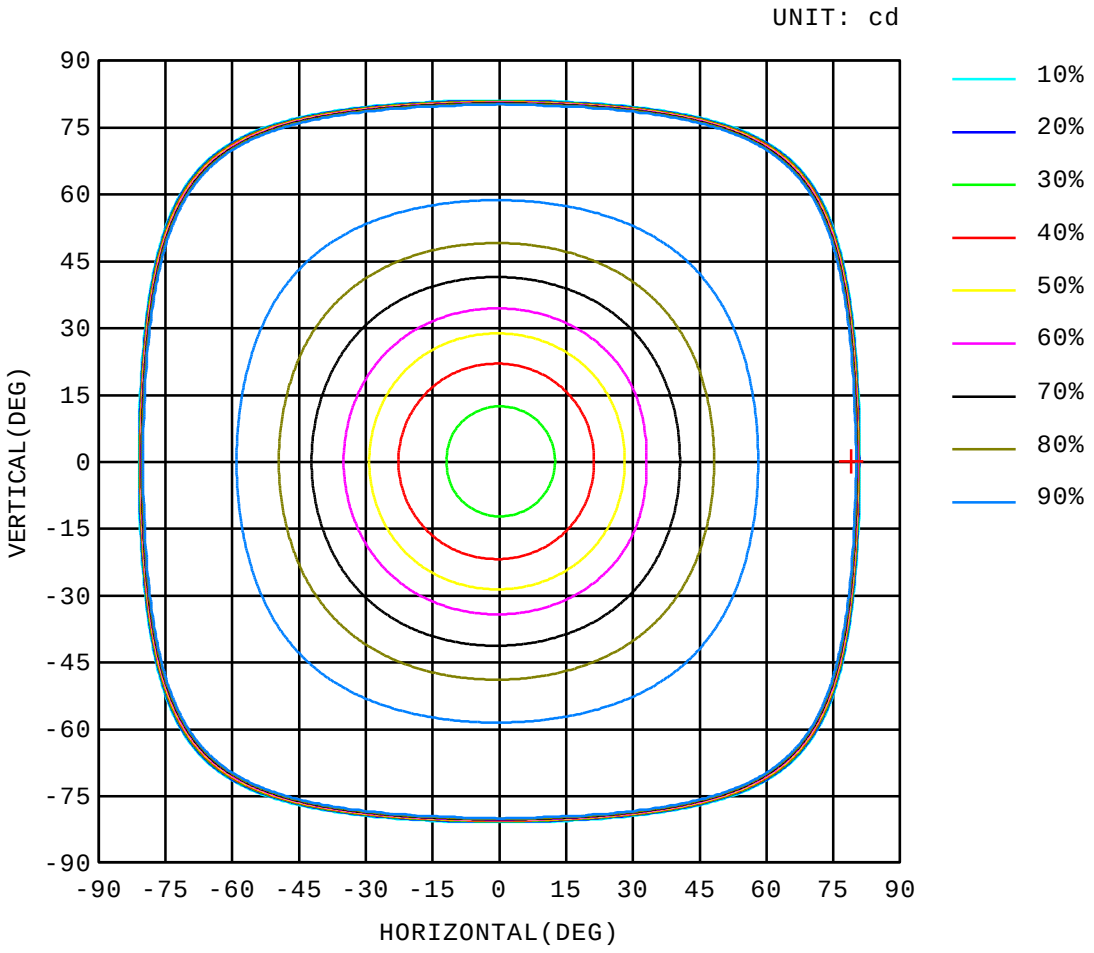
Angle:61.3deg

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:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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SPECIFICATION: LED bulb	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



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: