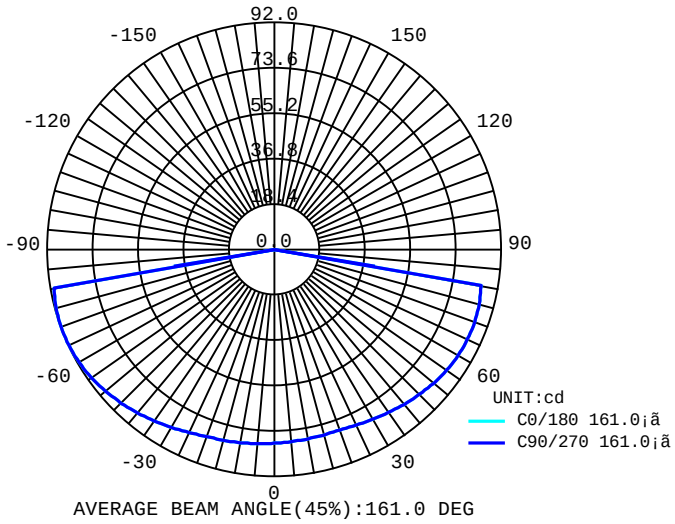
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED E27 dimmable 12V bulb — CLASSIC, milky, high CRI91, 6W, 3500K	SKU: E27-12V-classic-milky-4000	TYPE: LED
SPECIFICATION: LED bulb	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	92.01	S/MH(C0/180)	1.59
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.59
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	451.15	Voltage(V)	12.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	73.1	Current(A)	0.514
NOMINAL FLUX(lm)	451.2	η up(%)	0.0	Power(W)	6.168
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effictive Flux(lm)	451.2	EEI	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):161.0 DEG

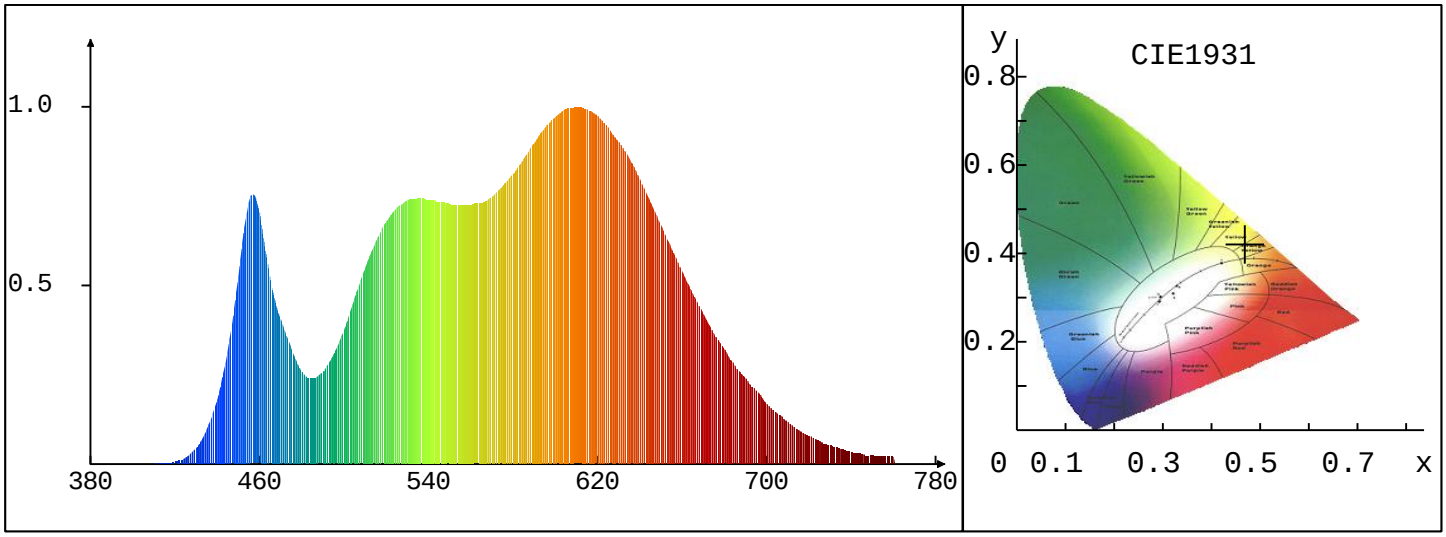
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 3522K Chro. Coor.: xa=0.4087 ya=0.4026 u'a=0.2331 v'a=0.5166 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4087 y=0.4027 u'=0.2331 v'=0.5166 duv=0.0044

CCT: 3521K Dominant Wave: 579.1nm Purity: 43.6% Light Intensity: 350.3cd

Flux RGB Ratio: R=41.0%,G=43.5%,B=15.5% Peak Wave: 608.8nm Half Width: 156.5nm

Rendering Index: Ra= 90.8

R1 =92	R2 =94	R3 =95	R4 =92	R5 =90	R6 =93	R7 =93	R8 =78
R9 =44	R10=84	R11=93	R12=67	R13=93	R14=97	R15=85	

Instrument State

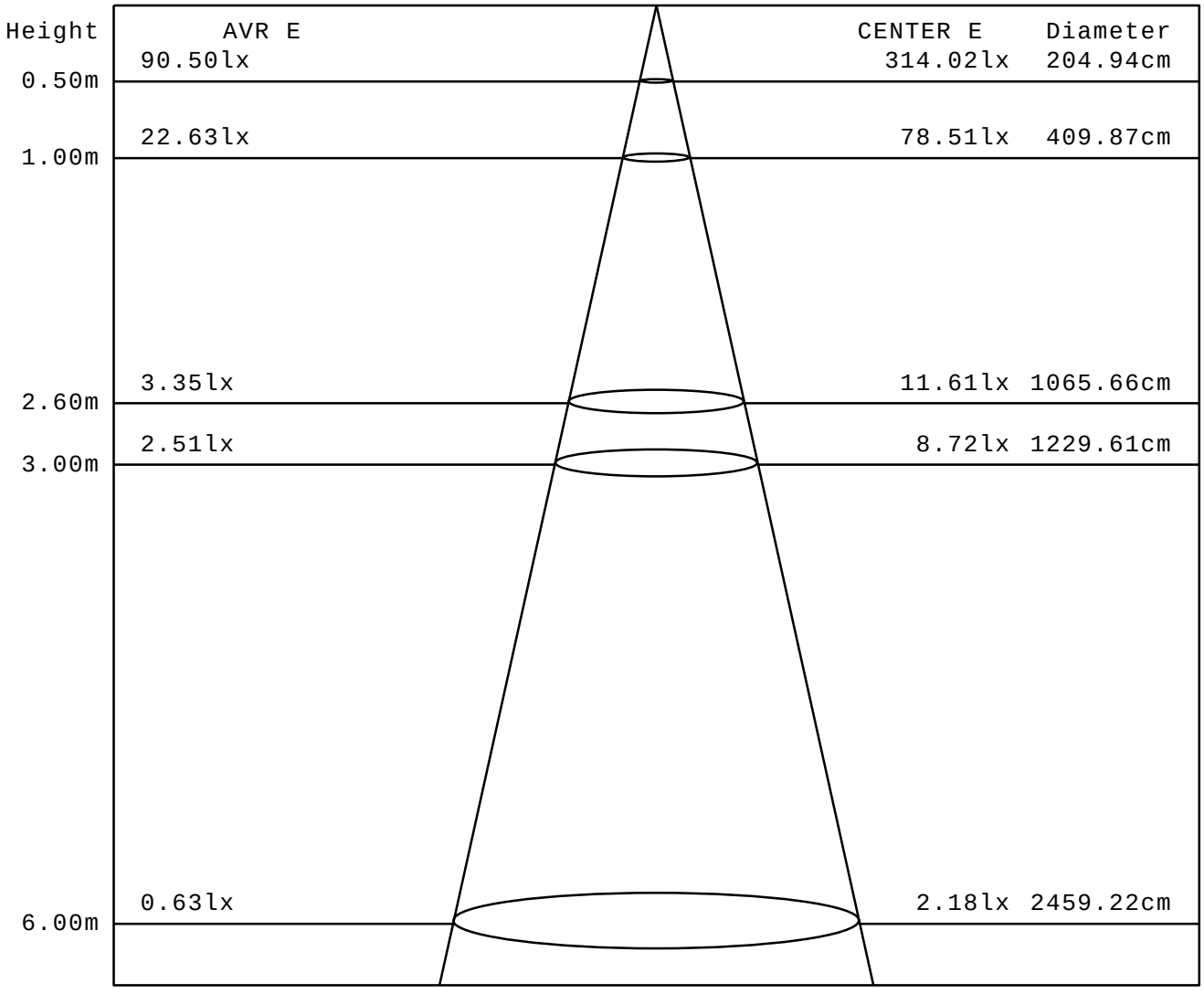
Scan Range: 380nm-780nmIntegral Time: 450.0ms Peak Signal: 450000 Dark Signal: 57863

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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NAME: LED E27 dimmable 12V bulb — CLASSIC, milky, high CRI91, 6W, 3500K	SKU: E27-12V-classic-milky-4000	TYPE: LED
SPECIFICATION: LED bulb	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:128.0deg

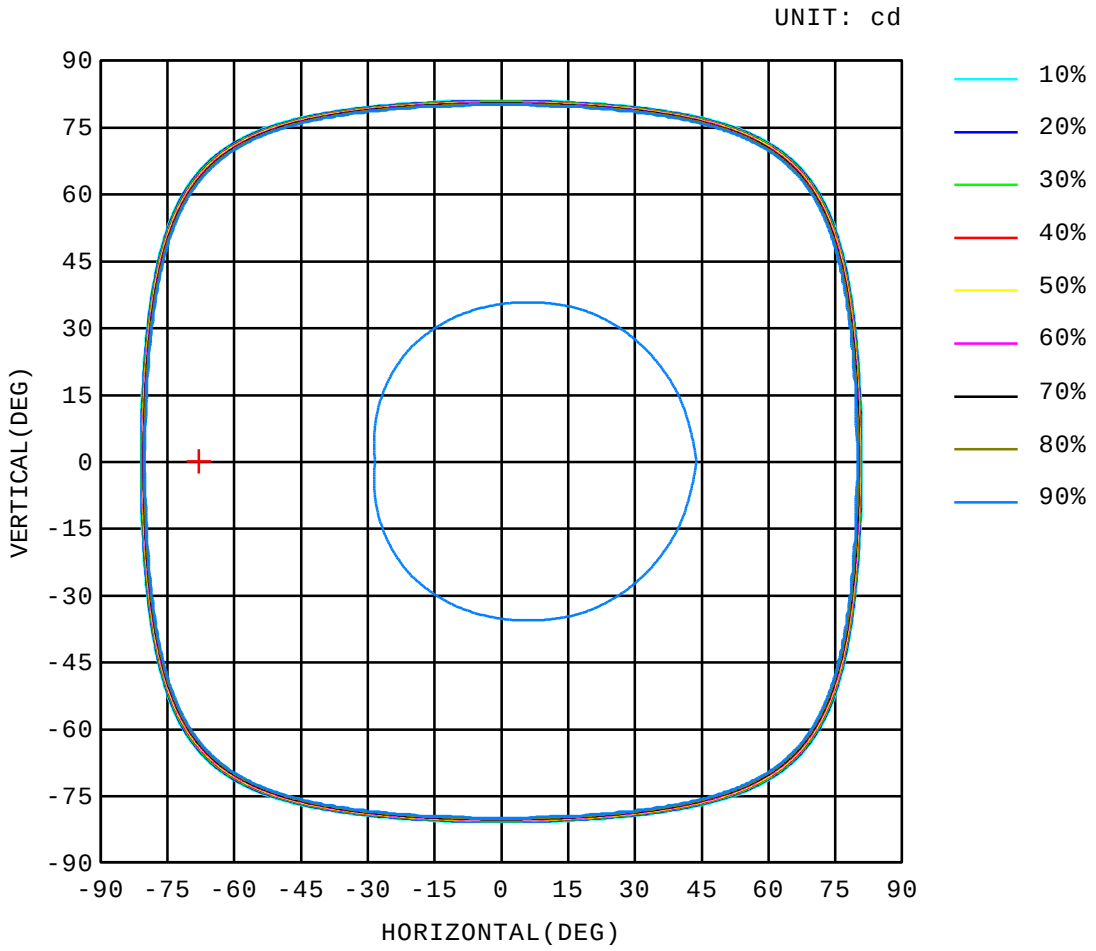
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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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: