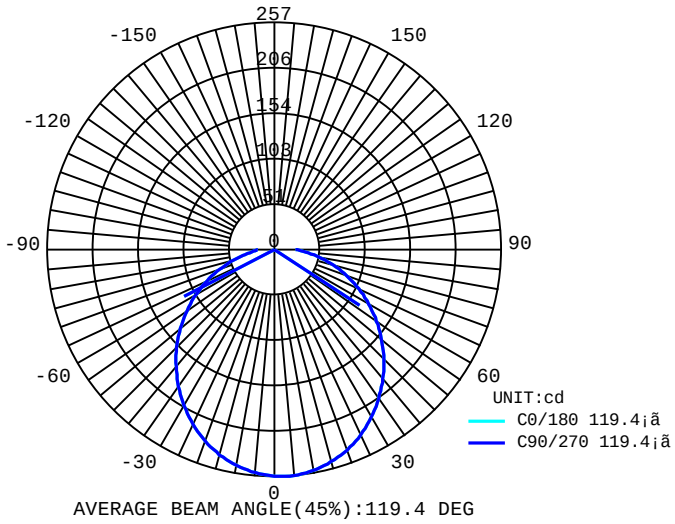
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED G23 bulb, high CRI92, 9W, 4000K	SKU: G23-8W-4000	TYPE: LED
SPECIFICATION: LED G23	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	257.3	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	757.47	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	84.4	Current(A)	0.039
NOMINAL FLUX(lm)	757.5	η up(%)	0.0	Power(W)	8.970
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	747.5	EEI	0.148(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):119.4 DEG

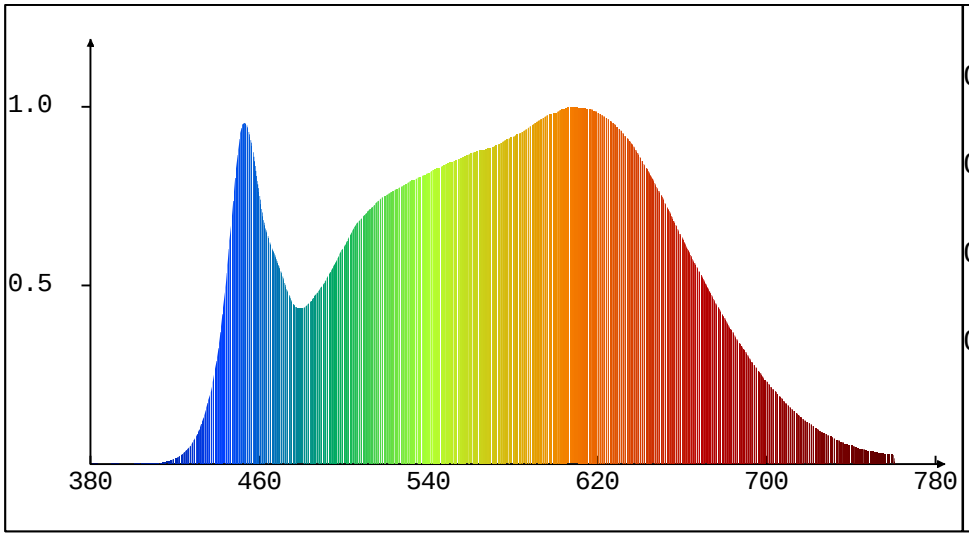
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

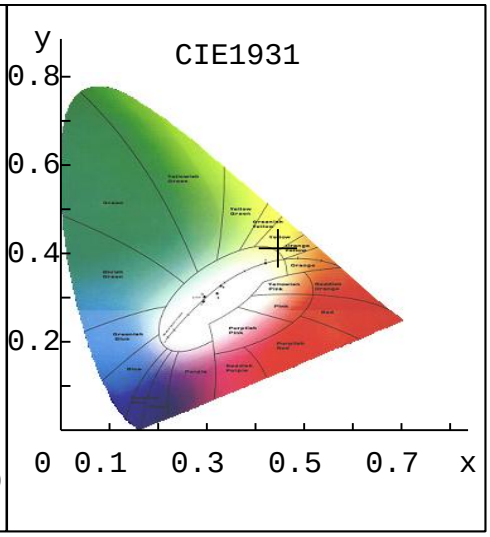
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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Avg Chro. Para.

CCT: 3966K Chro. Coor.: xa=0.3849 ya=0.3884 u'a=0.2234 v'a=0.5073 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3849 y=0.3884 u'=0.2234 v'=0.5073 duv=0.0041

CCT: 3965K Dominant Wave: 577.2nm Purity: 32.1% Light Intensity: 792.7cd

Flux RGB Ratio: R=38.6%,G=41.9%,B=19.5% Peak Wave: 451.7nm Half Width: 29.3nm

Rendering Index: Ra= 92.1

R1 =92	R2 =96	R3 =99	R4 =91	R5 =91	R6 =94	R7 =93	R8 =82
R9 =55	R10=89	R11=92	R12=72	R13=93	R14=99	R15=87	

Instrument State

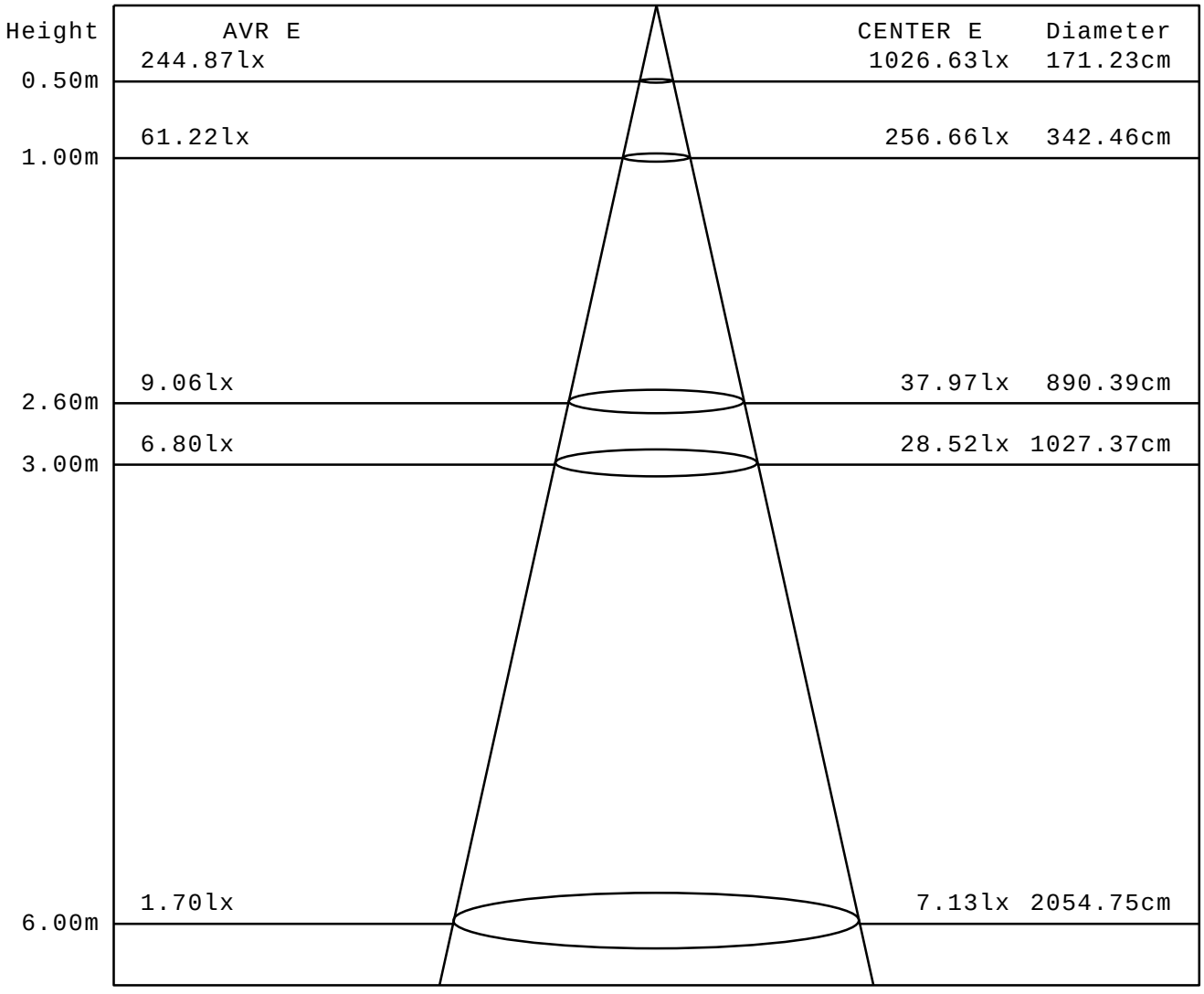
Scan Range: 380nm-780nmIntegral Time: 200.0ms Peak Signal: 200000 Dark Signal: 55782

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: LED G23 bulb, high CRI92, 9W, 4000K	SKU: G23-8W-4000	TYPE: LED
SPECIFICATION: LED G23	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:119.4deg

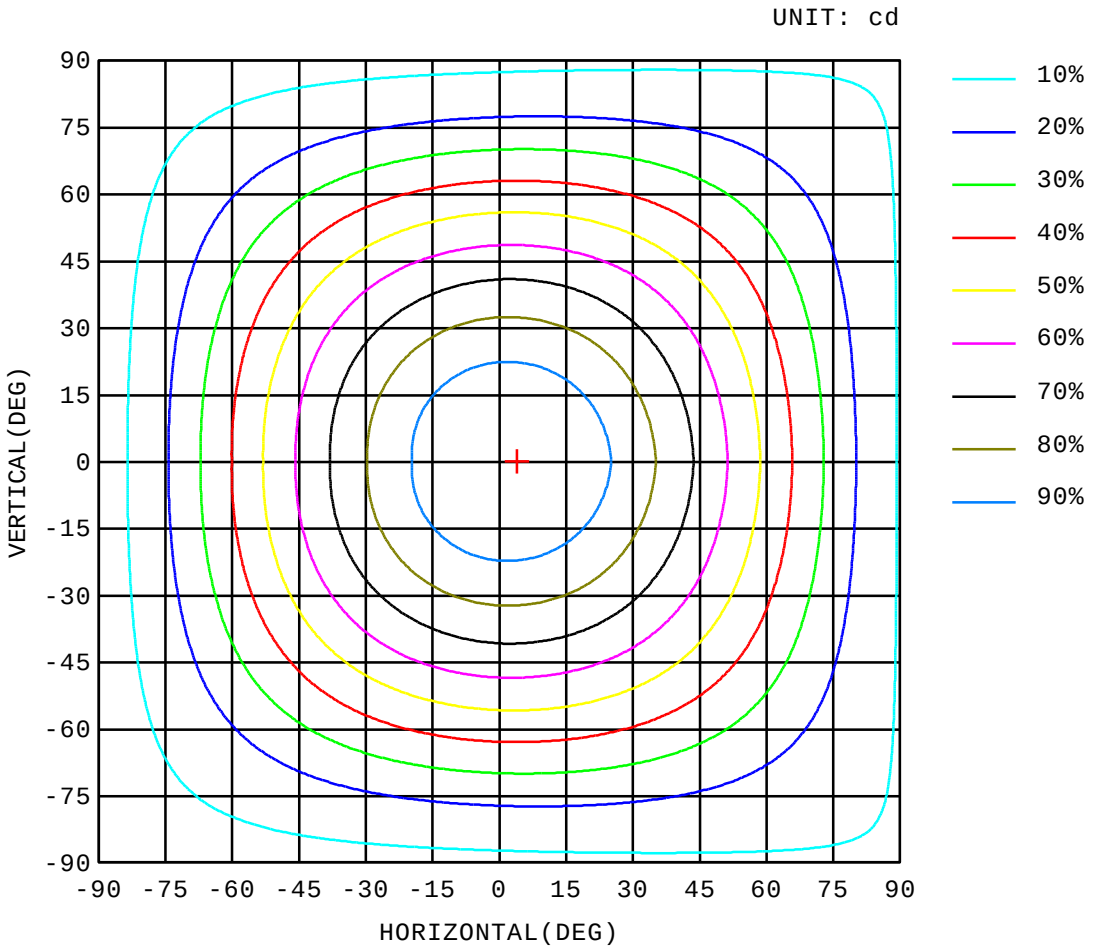
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
NAME: LED G23 bulb, high CRI92, 9W, 4000K	SKU: G23-8W-4000	TYPE: LED
SPECIFICATION: LED G23	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: