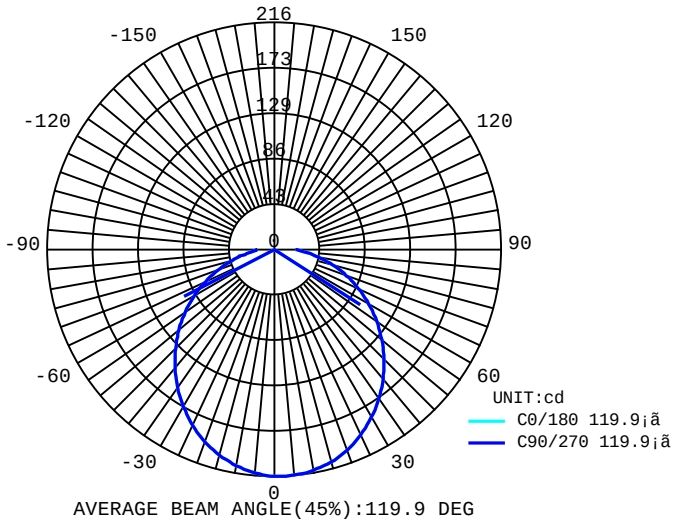
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED G23 bulb, high CRI93, 9W, 3000K	SKU: G23-8W-3000	TYPE: LED
SPECIFICATION: LED G23	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	215.6	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	638.00	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	73.0	Current(A)	0.038
NOMINAL FLUX(lm)	638.0	η up(%)	0.0	Power(W)	8.740
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	630.8	EEI	0.165(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):119.9 DEG

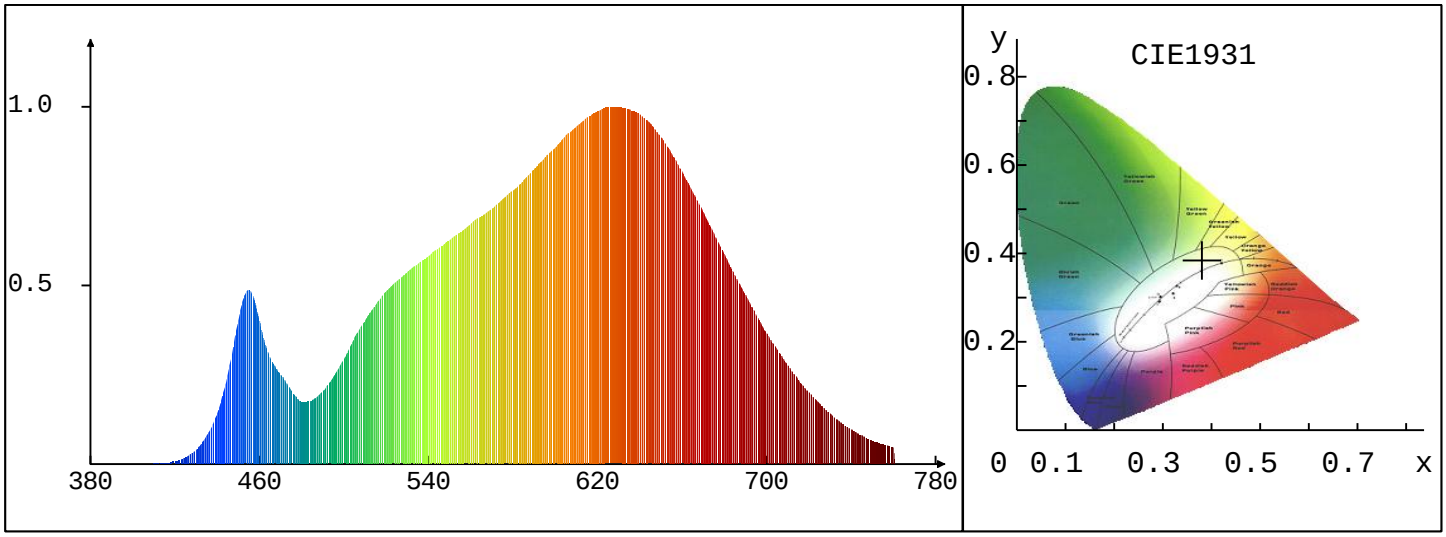
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2887K Chro. Coor.: xa=0.4461 ya=0.4084 u'a=0.2546 v'a=0.5244 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4461 y=0.4084 u'=0.2546 v'=0.5244 duv=0.0005

CCT: 2886K Dominant Wave: 583.1nm Purity: 56.5% Light Intensity: 666.3cd

Flux RGB Ratio: R=53.2%,G=36.2%,B=10.5% Peak Wave: 630.8nm Half Width: 165.0nm

Rendering Index: Ra= 92.7

R1 =93	R2 =95	R3 =95	R4 =93	R5 =92	R6 =93	R7 =94	R8 =86
R9 =66	R10=87	R11=93	R12=76	R13=94	R14=96	R15=90	

Instrument State

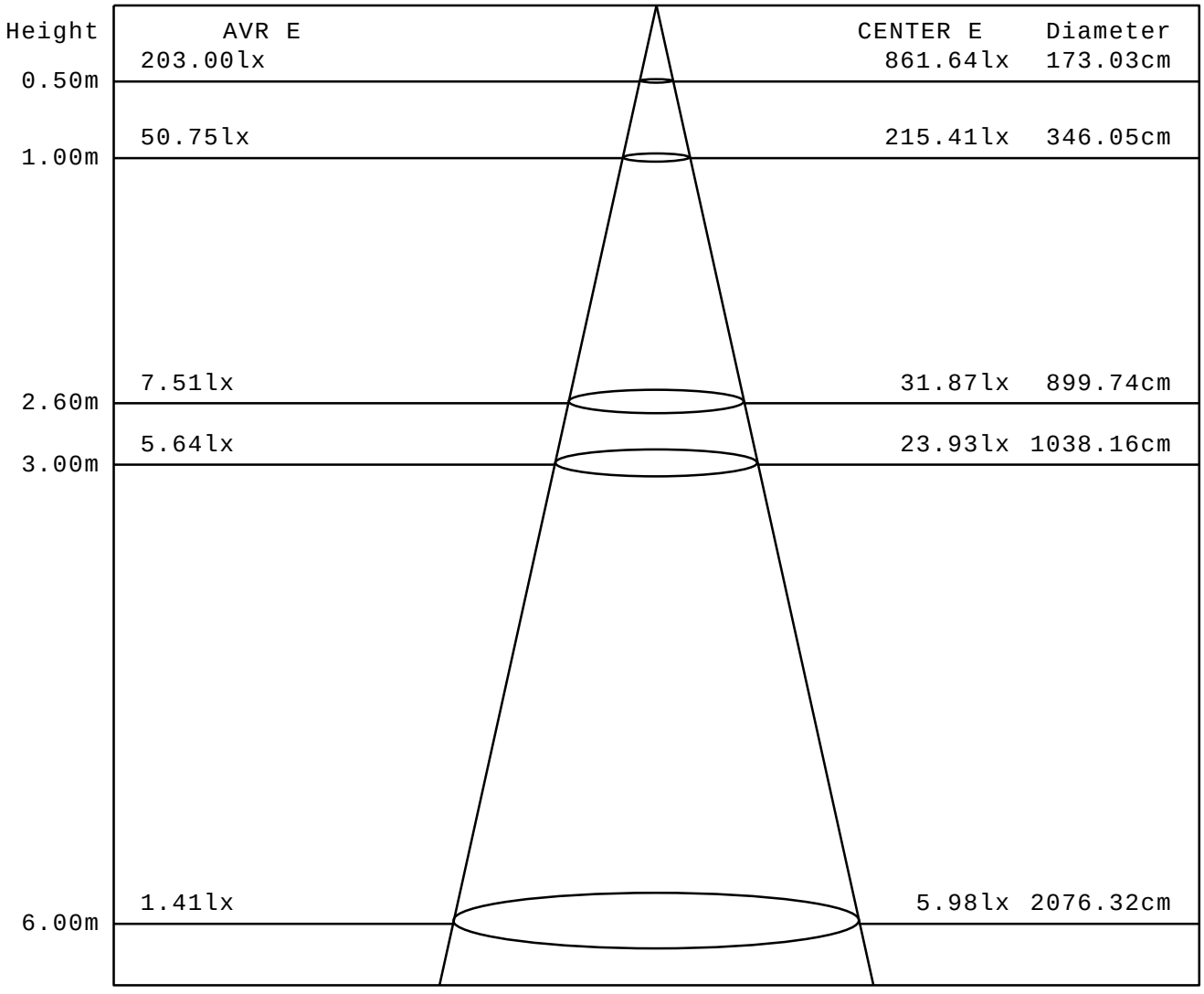
Scan Range: 380nm-780nmIntegral Time: 200.0ms Peak Signal: 200000 Dark Signal: 53958

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 G23	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:119.9deg

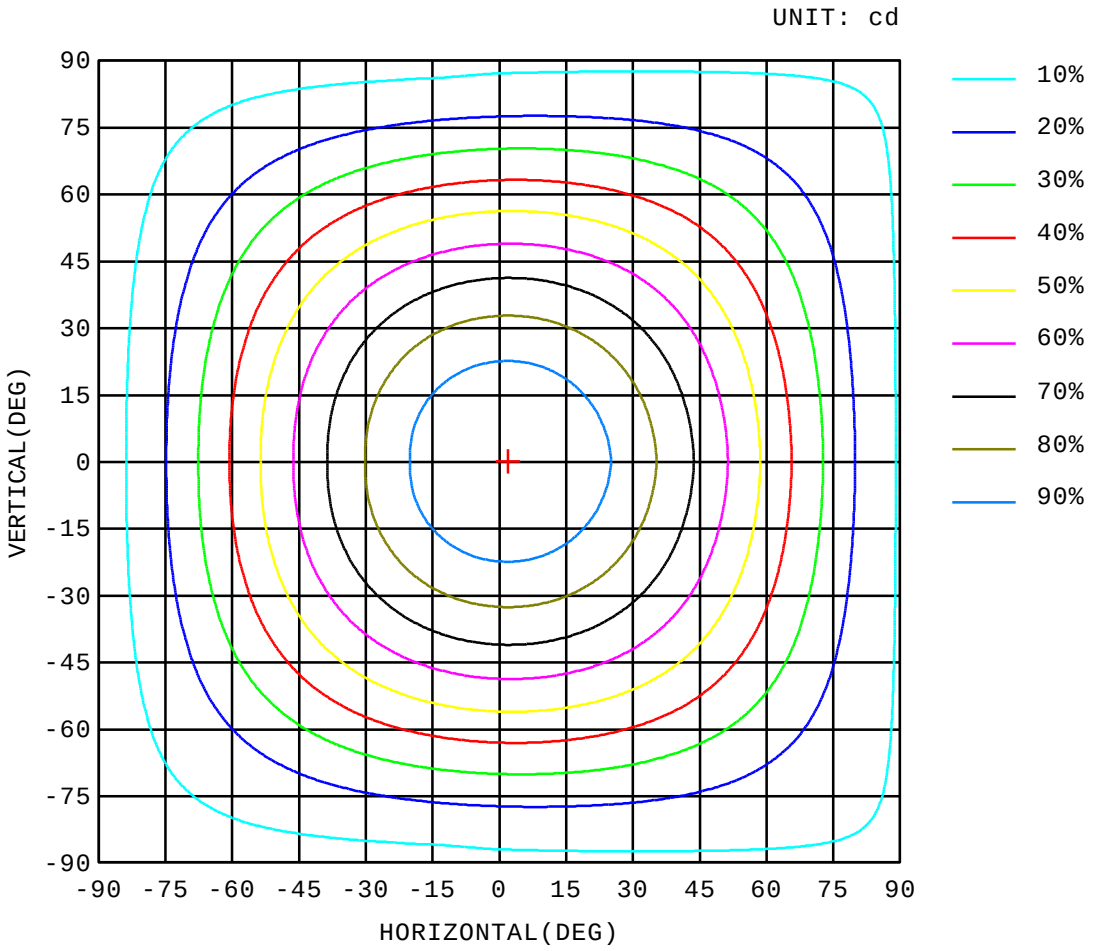
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

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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: