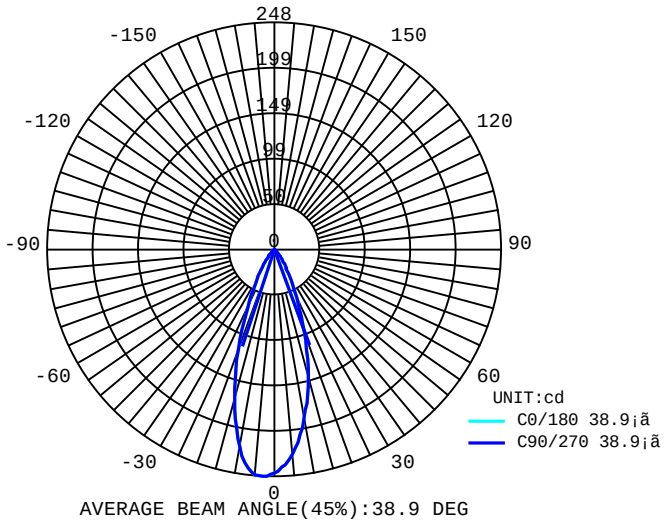
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Led LIGHT for TERRACE set, light UP, 2800K, IP67, 1W, dimmable	SKU: TER-UP-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	248.2	S/MH(C0/180)	0.57
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	114.88	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	111.3	Current(A)	0.043
NOMINAL FLUX(lm)	114.9	η up(%)	0.0	Power(W)	1.032
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	99.5	EEI	0.076(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):38.9 DEG

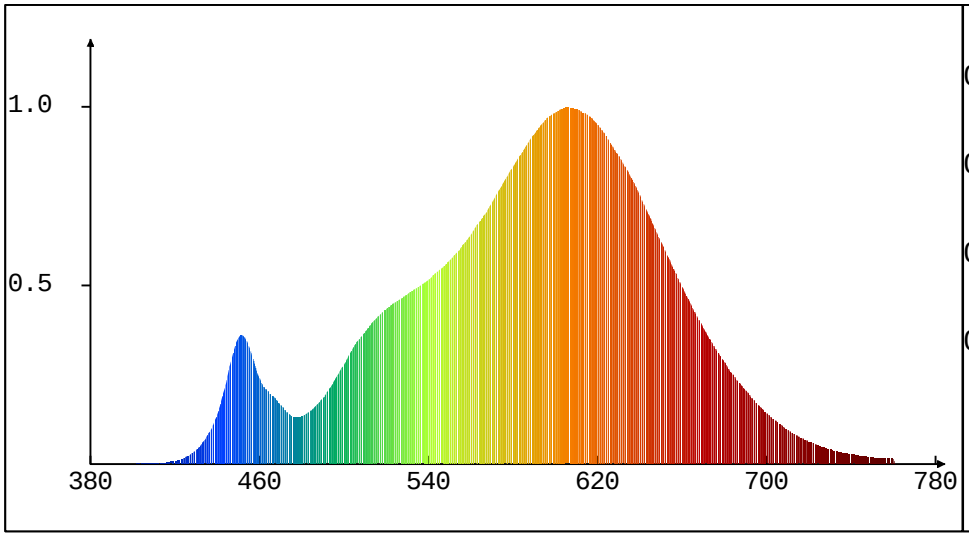
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

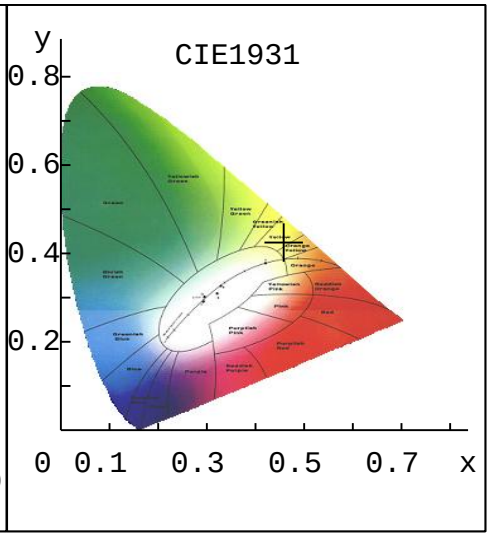
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 2839K Chro. Coor.: xa=0.4549 ya=0.4192 u'a=0.2555 v'a=0.5298 ¦¤u'v'=0.0017

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4580 y=0.4209 u'=0.2568 v'=0.5309 duv=0.0039

CCT: 2804K Dominant Wave: 582.5nm Purity: 63.8% Light Intensity: 898.9cd

Flux RGB Ratio: R=46.1%,G=43.7%,B=10.2% Peak Wave: 604.9nm Half Width: 124.1nm

Rendering Index: Ra= 82.4

R1 =80	R2 =89	R3 =98	R4 =81	R5 =80	R6 =88	R7 =84	R8 =58
R9 =6	R10=77	R11=81	R12=69	R13=82	R14=99	R15=72	

Instrument State

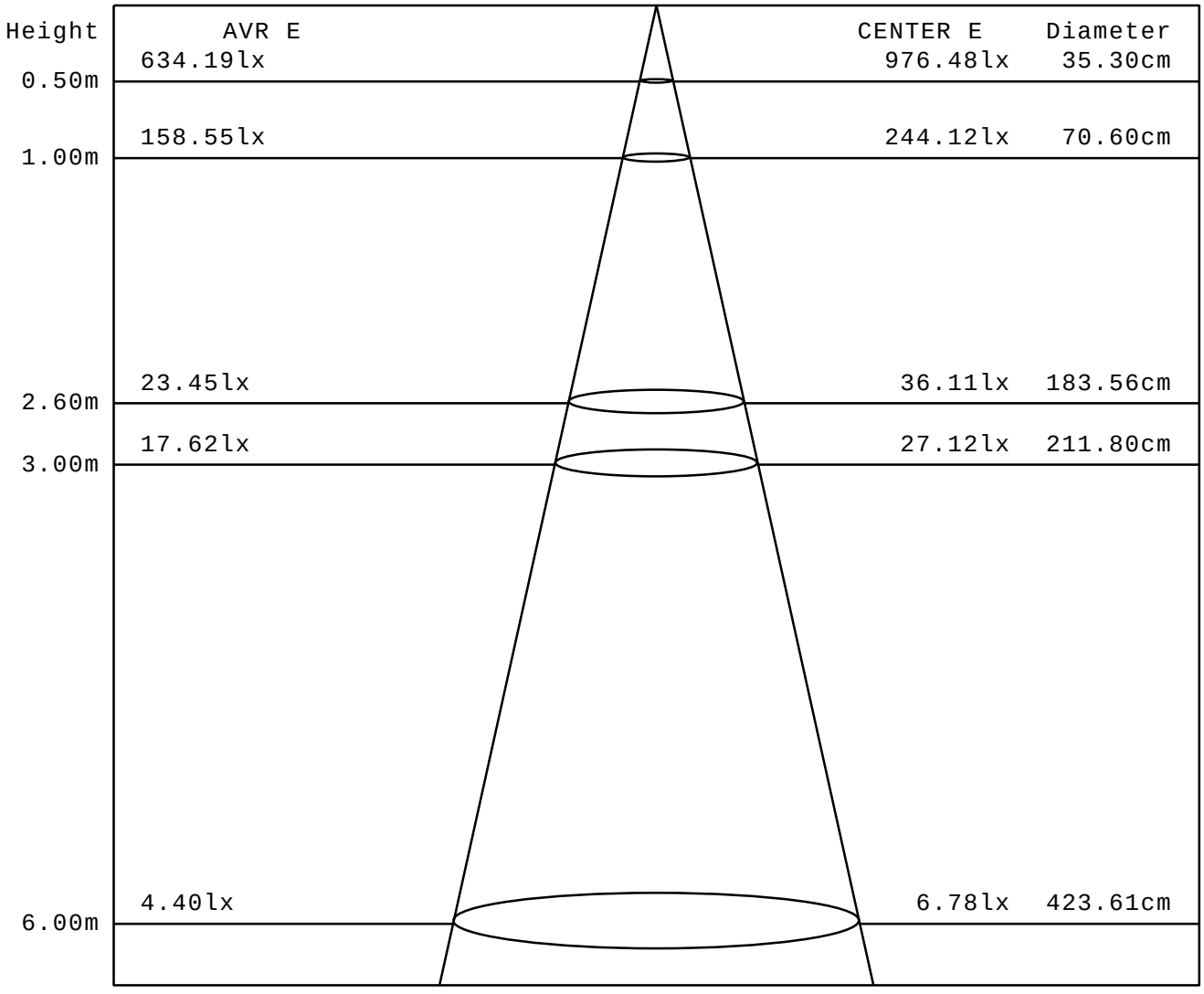
Scan Range: 380nm-780nmIntegral Time: 160.0ms Peak Signal: 160000 Dark Signal: 61676

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 LIGHT for TERRACE set, light UP, 2800K, IP67, 1W, dimmable	SKU: TER-UP-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:38.9deg

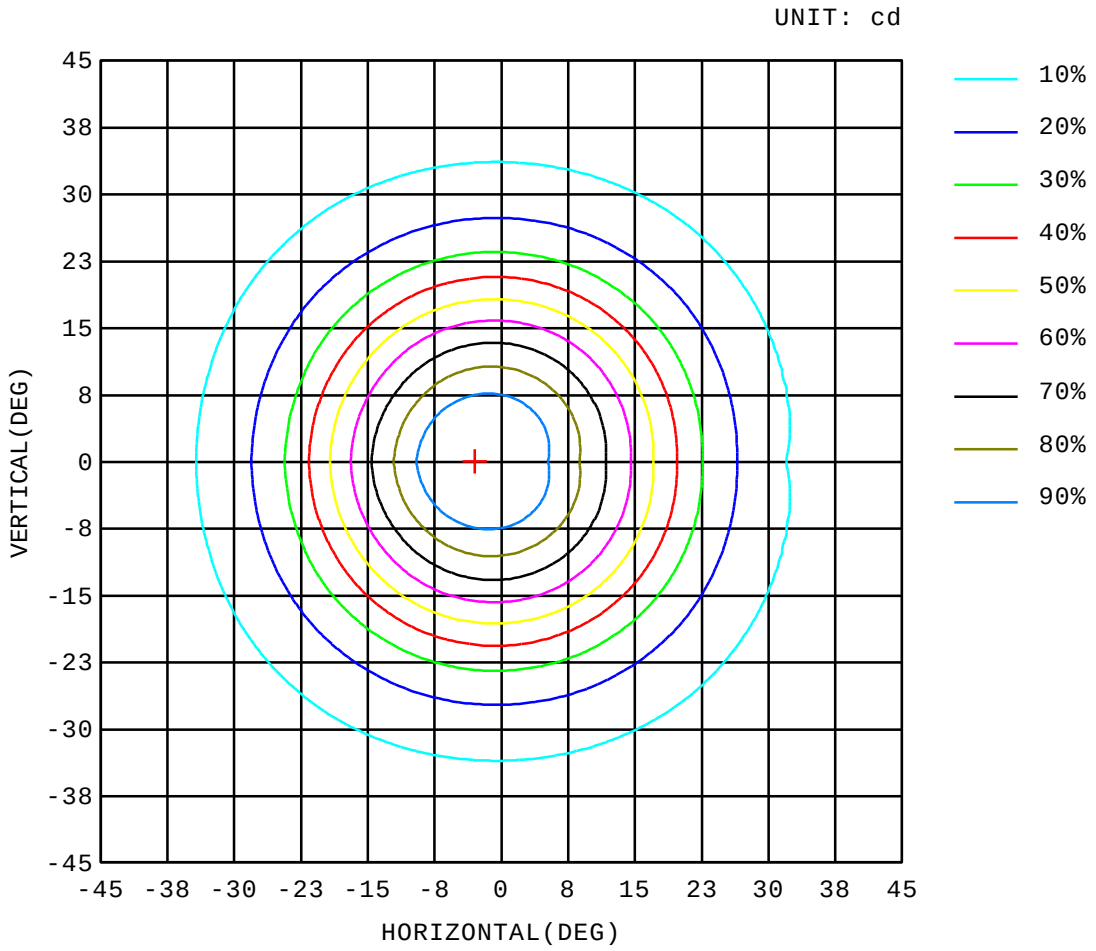
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: