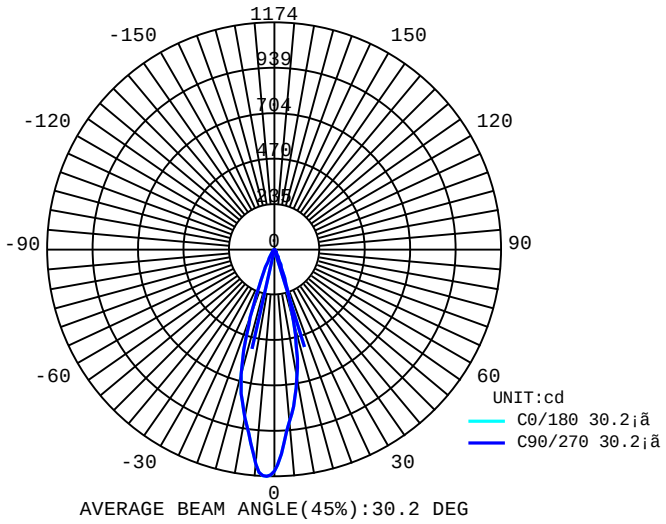
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed SPOT for LED set 102, dimmable, water resistant IP44, white, 4000K	SKU: 102-white-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1174	S/MH(C0/180)	0.40
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.40
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	319.75	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	102.5	Current(A)	0.130
NOMINAL FLUX(lm)	319.8	η up(%)	0.0	Power(W)	3.120
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	259.3	EEI	0.116(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):30.2 DEG

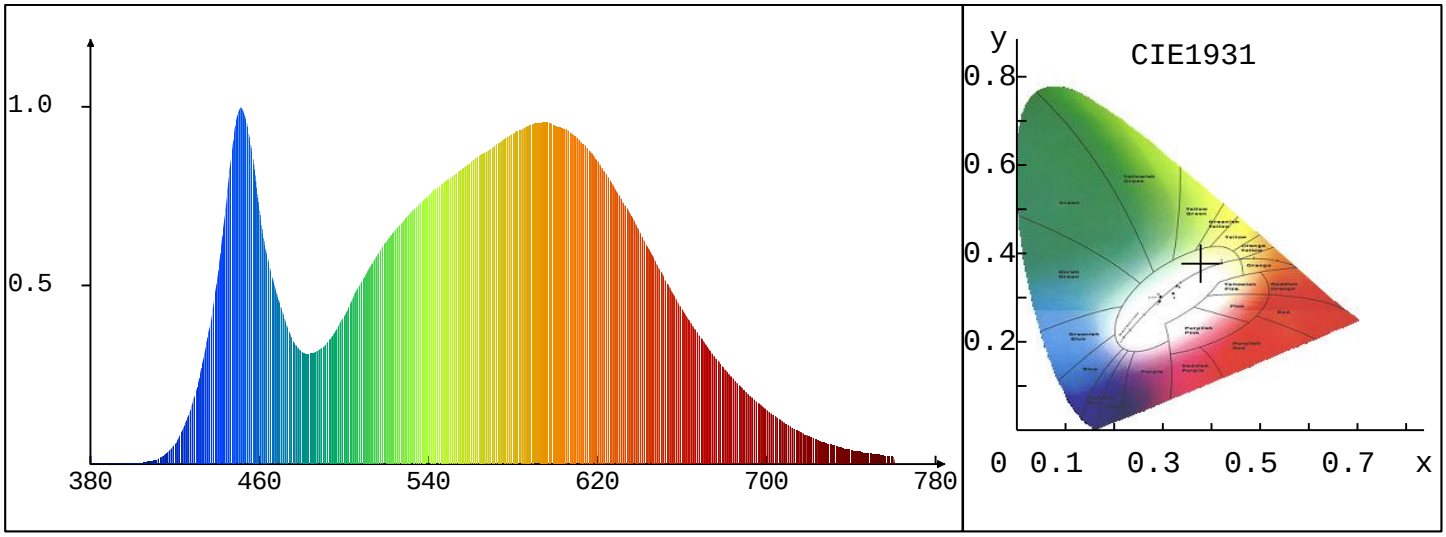
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4062K Chro. Coor.: xa=0.3770 ya=0.3721 u'a=0.2247 v'a=0.4990 ¦¤u'v'=0.0006

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3779 y=0.3729 u'=0.2250 v'=0.4995 duv=-0.0011

CCT: 4042K Dominant Wave: 579.5nm Purity: 25.3% Light Intensity: 4091.3cd

Flux RGB Ratio: R=34.1%,G=44.0%,B=21.8% Peak Wave: 450.6nm Half Width: 27.5nm

Rendering Index: Ra= 83.4

R1 =82	R2 =89	R3 =93	R4 =82	R5 =82	R6 =84	R7 =87	R8 =68
R9 =16	R10=72	R11=80	R12=63	R13=84	R14=96	R15=78	

Instrument State

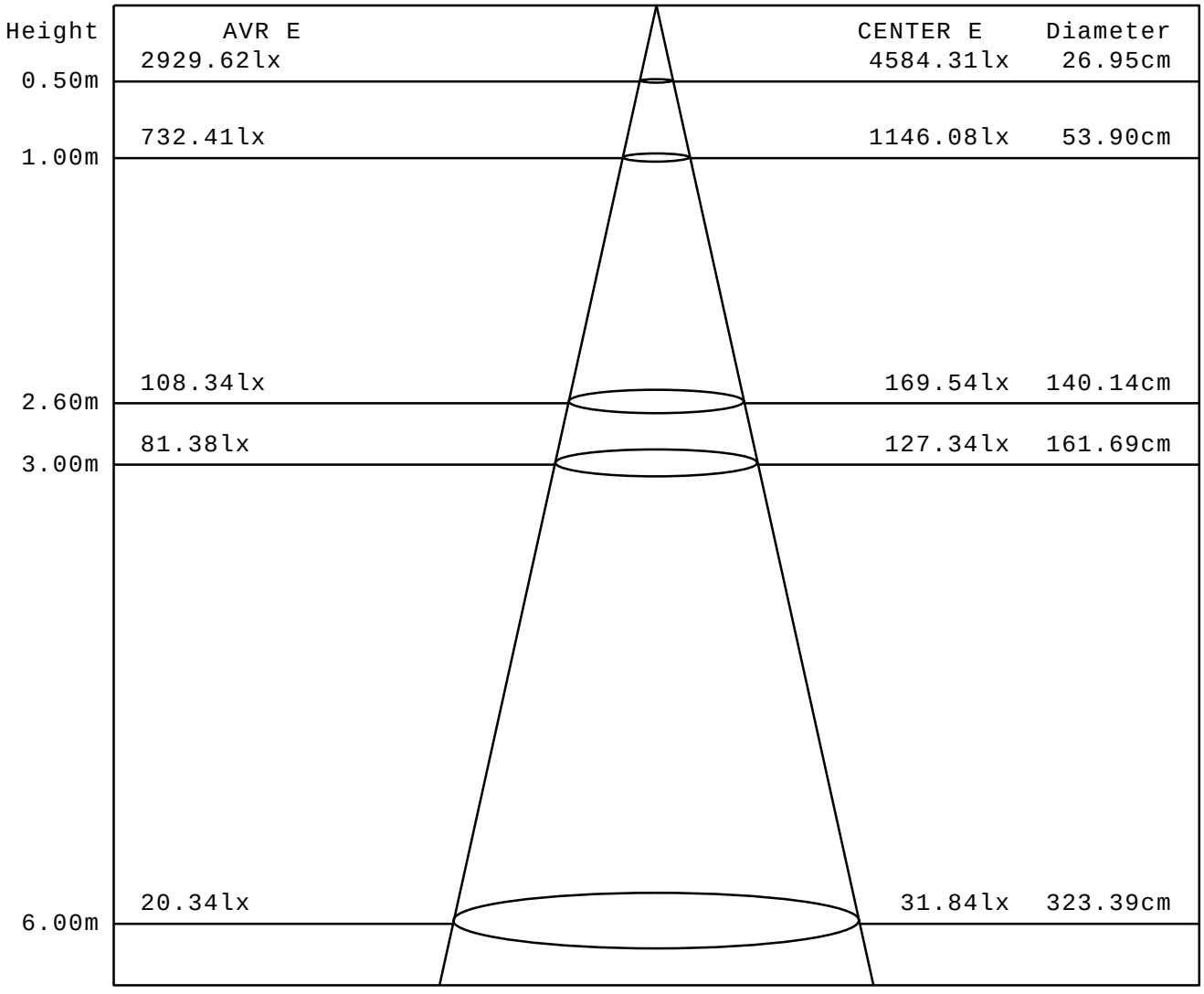
Scan Range: 380nm-780nmIntegral Time: 36.0ms Peak Signal: 36000 Dark Signal: 56102

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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ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed SPOT for LED set 102, dimmable, water resistant IP44, white, 4000K	SKU: 102-white-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:30.2deg

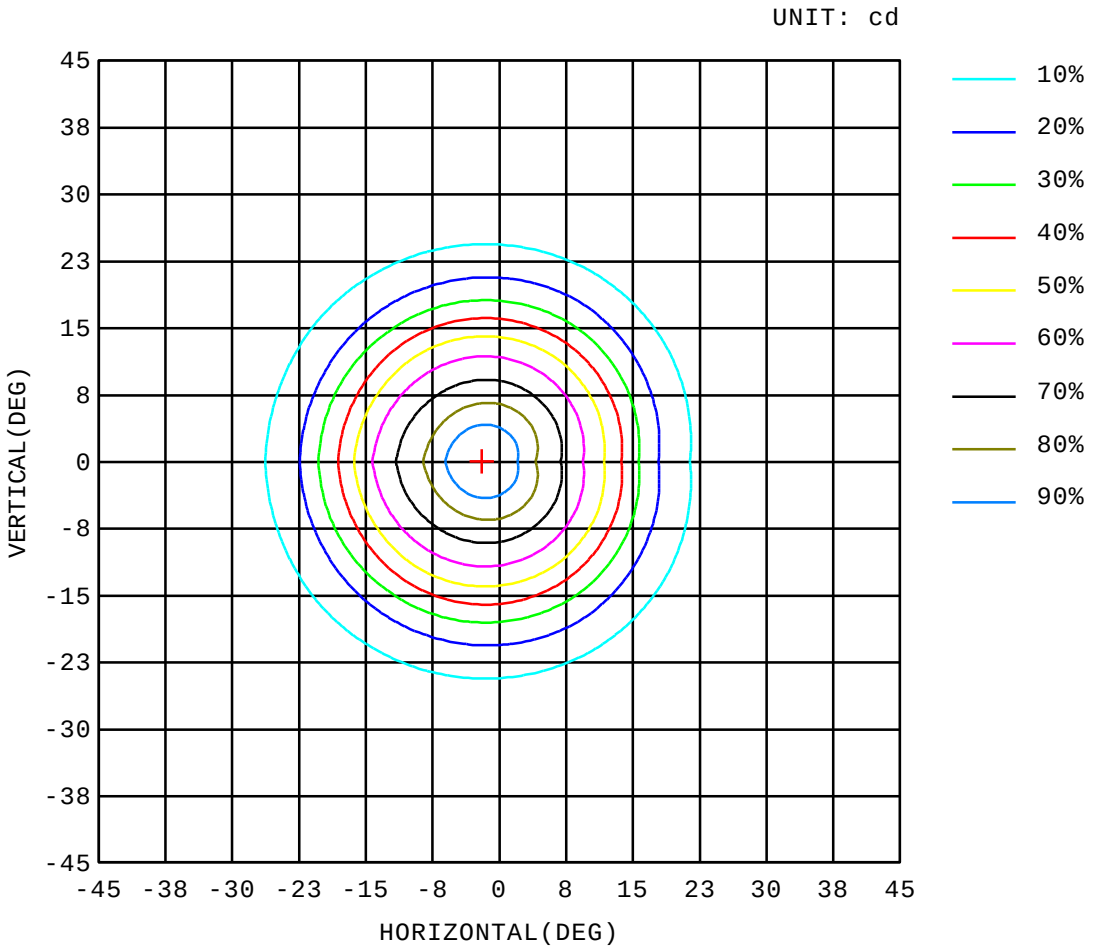
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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SPECIFICATION: LED spot	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: