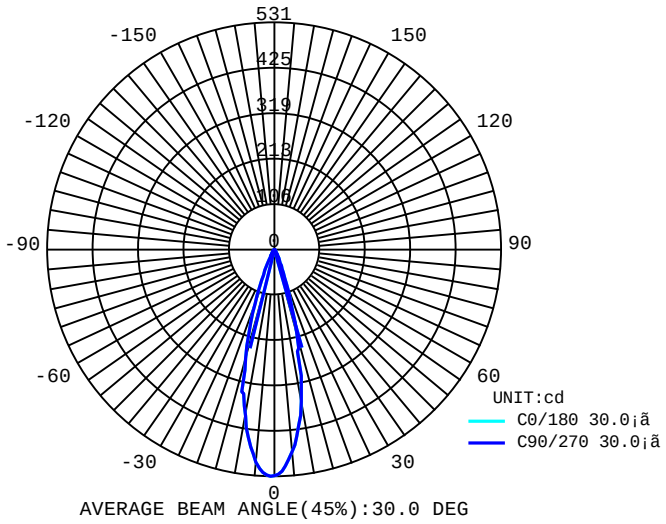
LUMINAIRE PHOTOMETRIC TEST REPORT

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, 3000K	SKU: 102-white-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	531.3	S/MH(C0/180)	0.43
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.43
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	147.91	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	47.4	Current(A)	0.130
NOMINAL FLUX(lm)	147.9	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)	119.6	EEI	0.202(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):30.0 DEG

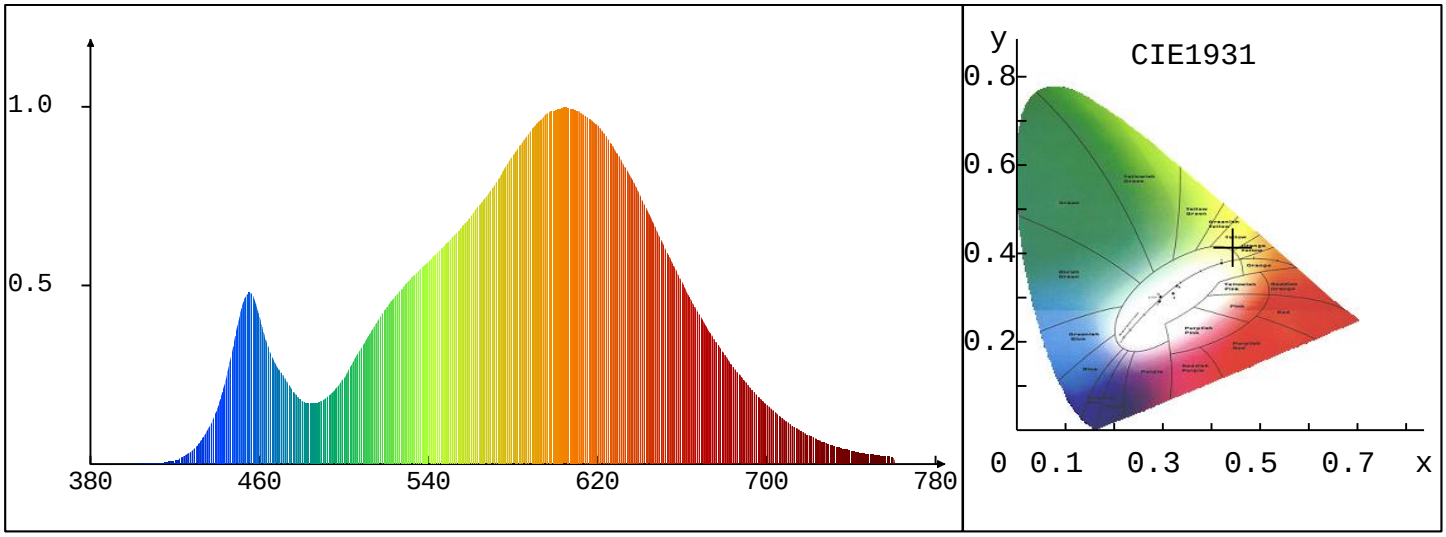
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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, 3000K	SKU: 102-white-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 2933K Chro. Coor.: xa=0.4440 ya=0.4101 u'a=0.2525 v'a=0.5248 ¦¤u'v'=0.0003

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4442 y=0.4100 u'=0.2527 v'=0.5248 duv=0.0014

CCT: 2928K Dominant Wave: 582.7nm Purity: 56.4% Light Intensity: 1663.7cd

Flux RGB Ratio: R=44.9%,G=43.0%,B=12.1% Peak Wave: 604.0nm Half Width: 132.3nm

Rendering Index: Ra= 81.5

R1 =80	R2 =89	R3 =97	R4 =79	R5 =79	R6 =86	R7 =84	R8 =59
R9 =8	R10=74	R11=76	R12=64	R13=82	R14=98	R15=73	

Instrument State

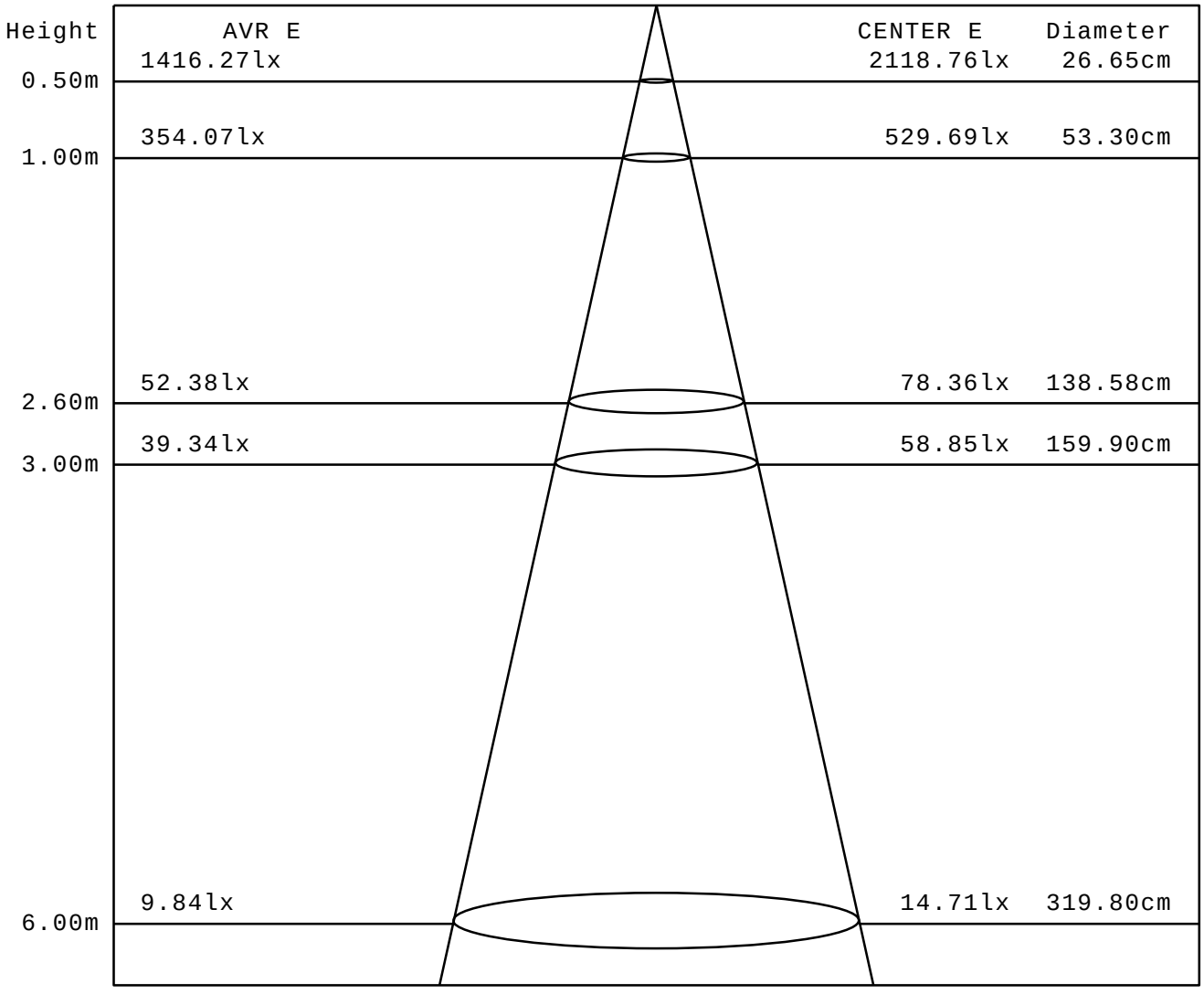
Scan Range: 380nm-780nmIntegral Time: 78.0ms Peak Signal: 78000 Dark Signal: 55133

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: Recessed SPOT for LED set 102, dimmable, water resistant IP44, white, 3000K	SKU: 102-white-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:29.8deg

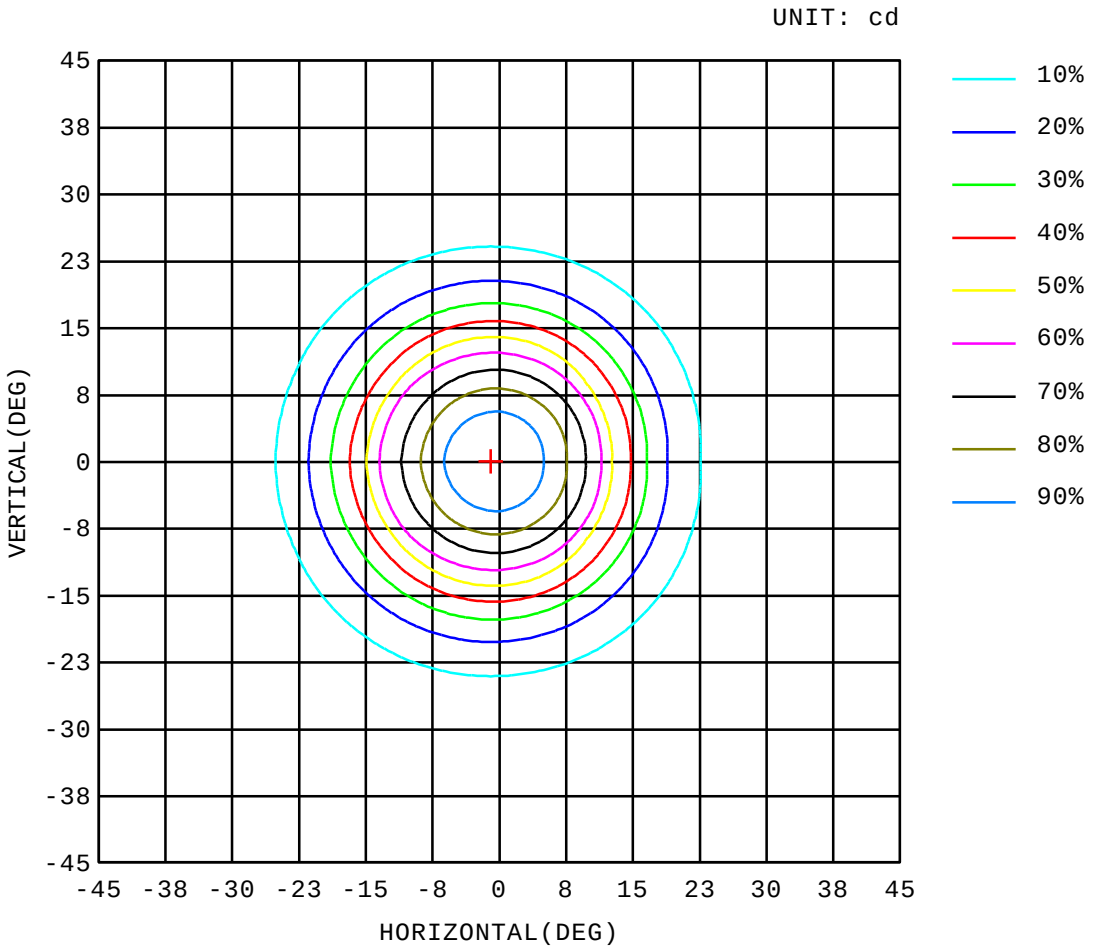
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Recessed SPOT for LED set 102, dimmable, water resistant IP44, white, 3000K	SKU: 102-white-3000	TYPE: LED
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: