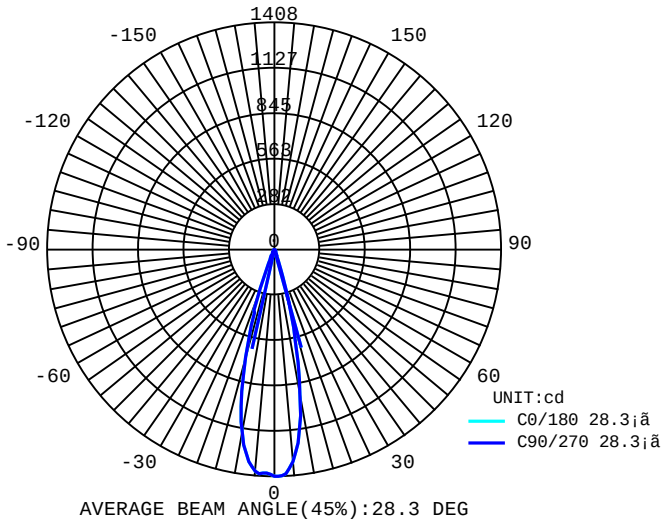
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Adjustable & recessed SPOT for LED set 097, dimmable, white, 3000K	SKU: 097-white-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1408	S/MH(C0/180)	0.38
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	325.45	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	104.3	Current(A)	0.130
NOMINAL FLUX(lm)	325.5	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)	273.6	EEI	0.112(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):28.3 DEG

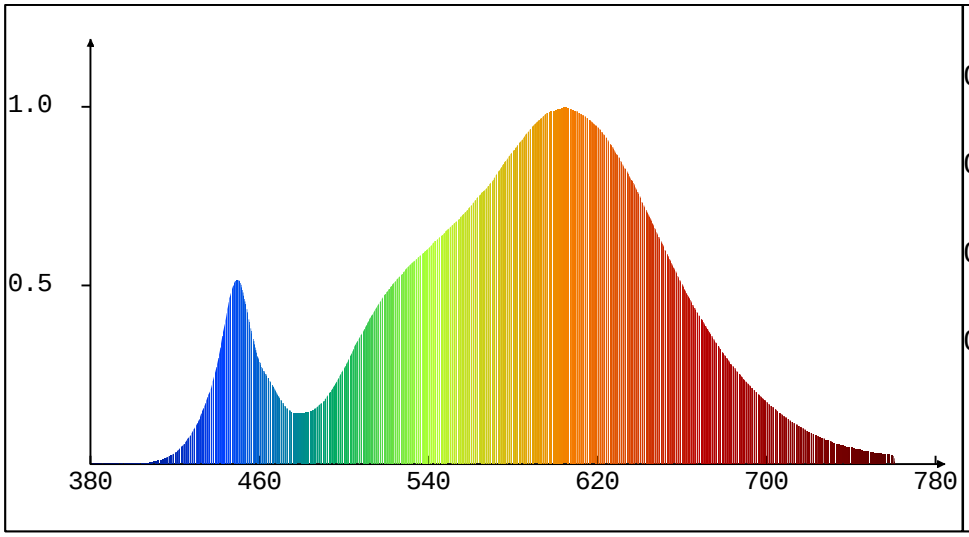
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

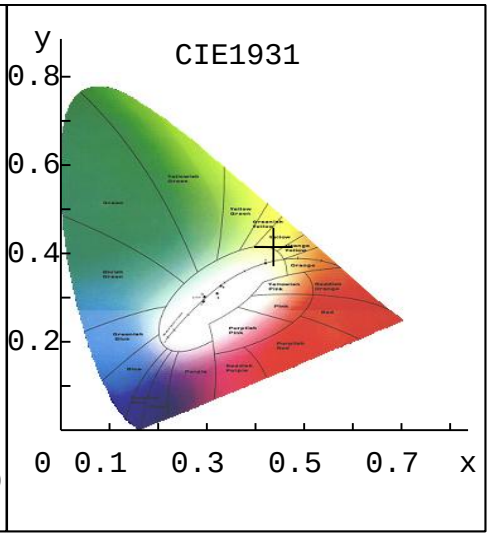
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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: 2984K Chro. Coor.: xa=0.4427 ya=0.4139 u'a=0.2501 v'a=0.5260 ¦¤u'v'=0.0025

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4381 y=0.4101 u'=0.2488 v'=0.5239 duv=0.0022

CCT: 3028K Dominant Wave: 581.9nm Purity: 54.6% Light Intensity: 4959.1cd

Flux RGB Ratio: R=44.0%,G=43.7%,B=12.4% Peak Wave: 602.8nm Half Width: 138.1nm

Rendering Index: Ra= 81.1

R1 =79	R2 =87	R3 =94	R4 =81	R5 =79	R6 =83	R7 =85	R8 =61
R9 =7	R10=70	R11=79	R12=63	R13=81	R14=96	R15=73	

Instrument State

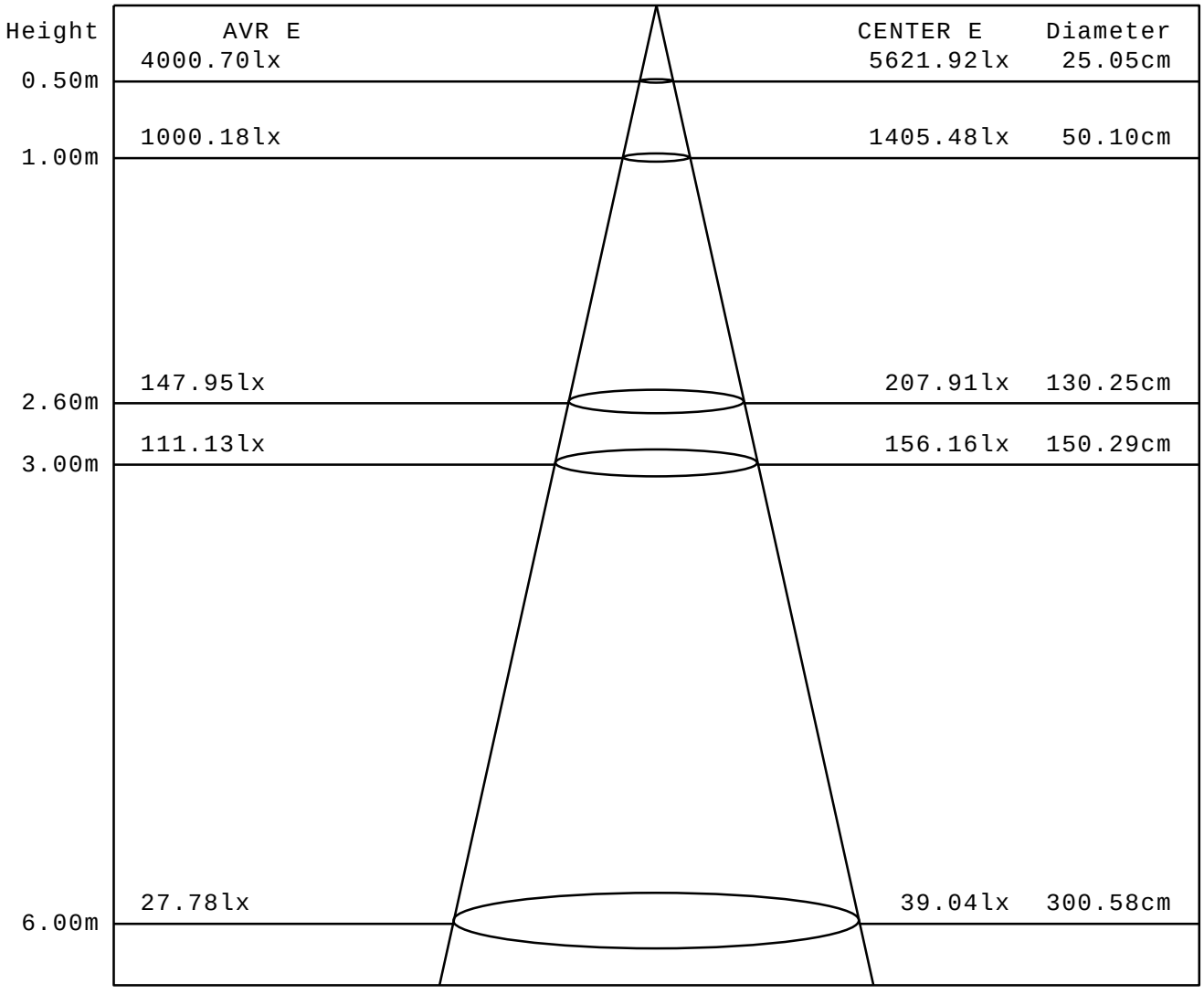
Scan Range: 380nm-780nmIntegral Time: 27.0ms Peak Signal: 27000 Dark Signal: 55773

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: Adjustable & recessed SPOT for LED set 097, dimmable, white, 3000K	SKU: 097-white-3000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:28.1deg

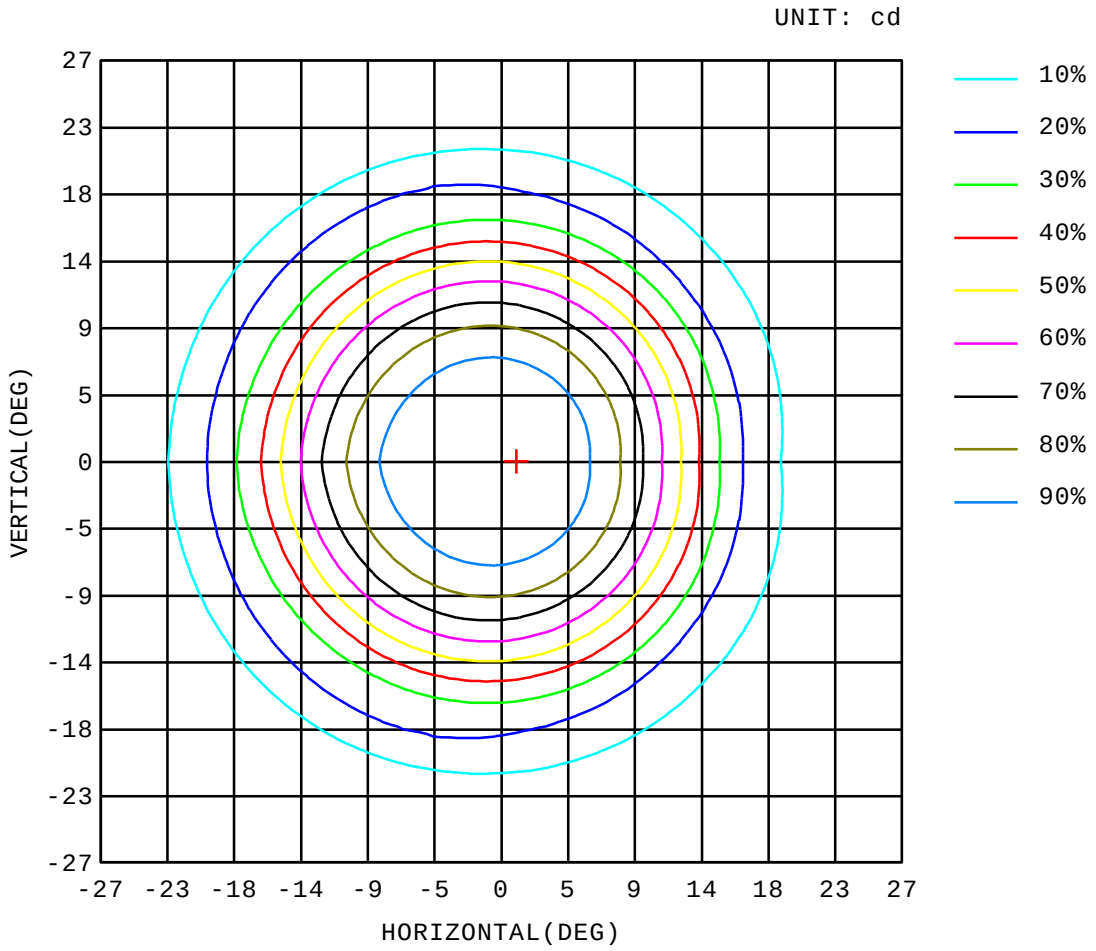
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Adjustable & recessed SPOT for LED set 097, dimmable, white, 3000K	SKU: 097-white-3000	TYPE: LED
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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: