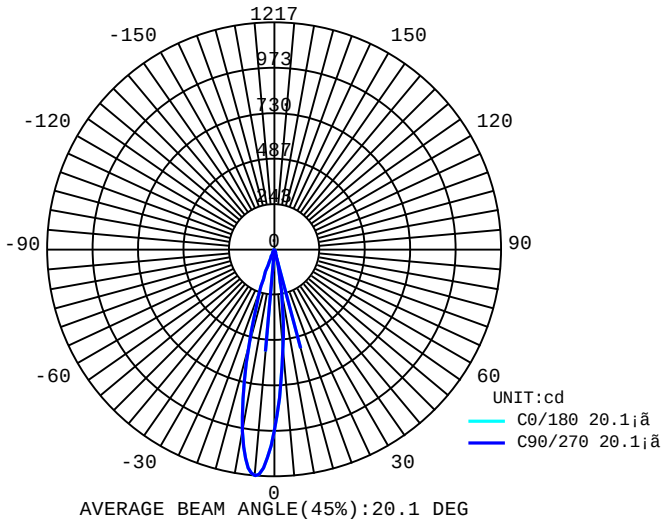
LUMINAIRE PHOTOMETRIC TEST REPORT

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, 4000K	SKU: 097-white-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1217	S/MH(C0/180)	0.20
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.20
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	196.62	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	63.0	Current(A)	0.130
NOMINAL FLUX(lm)	196.6	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)	161.0	EEI	0.164(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):20.1 DEG

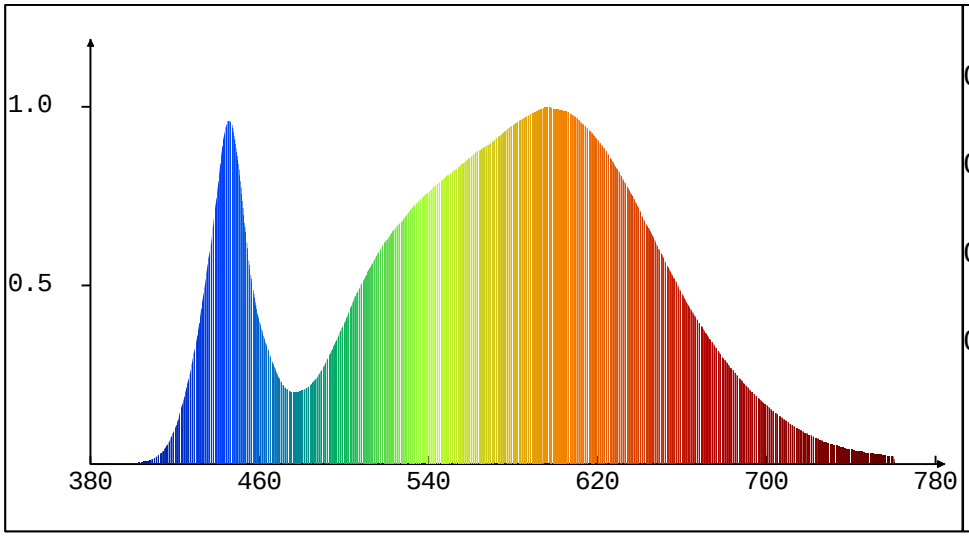
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

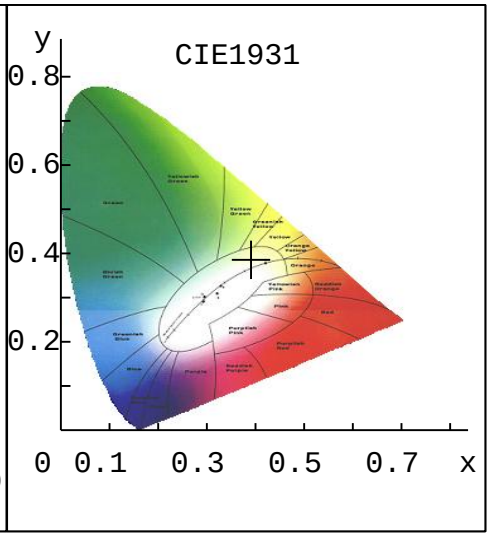
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Adjustable & recessed SPOT for LED set 097, dimmable, white, 4000K	SKU: 097-white-4000	TYPE: LED
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Avg Chro. Para.

CCT: 3795K Chro. Coor.: xa=0.3886 ya=0.3782 u'a=0.2299 v'a=0.5034 ¦¤u'v'=0.0023

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3921 y=0.3819 u'=0.2307 v'=0.5055 duv=-0.0008

CCT: 3737K Dominant Wave: 580.4nm Purity: 32.3% Light Intensity: 3867.5cd

Flux RGB Ratio: R=36.4%,G=44.3%,B=19.3% Peak Wave: 444.6nm Half Width: 23.5nm

Rendering Index: Ra= 81.5

R1 =81	R2 =86	R3 =90	R4 =82	R5 =80	R6 =81	R7 =86	R8 =67
R9 =13	R10=66	R11=81	R12=64	R13=81	R14=94	R15=76	

Instrument State

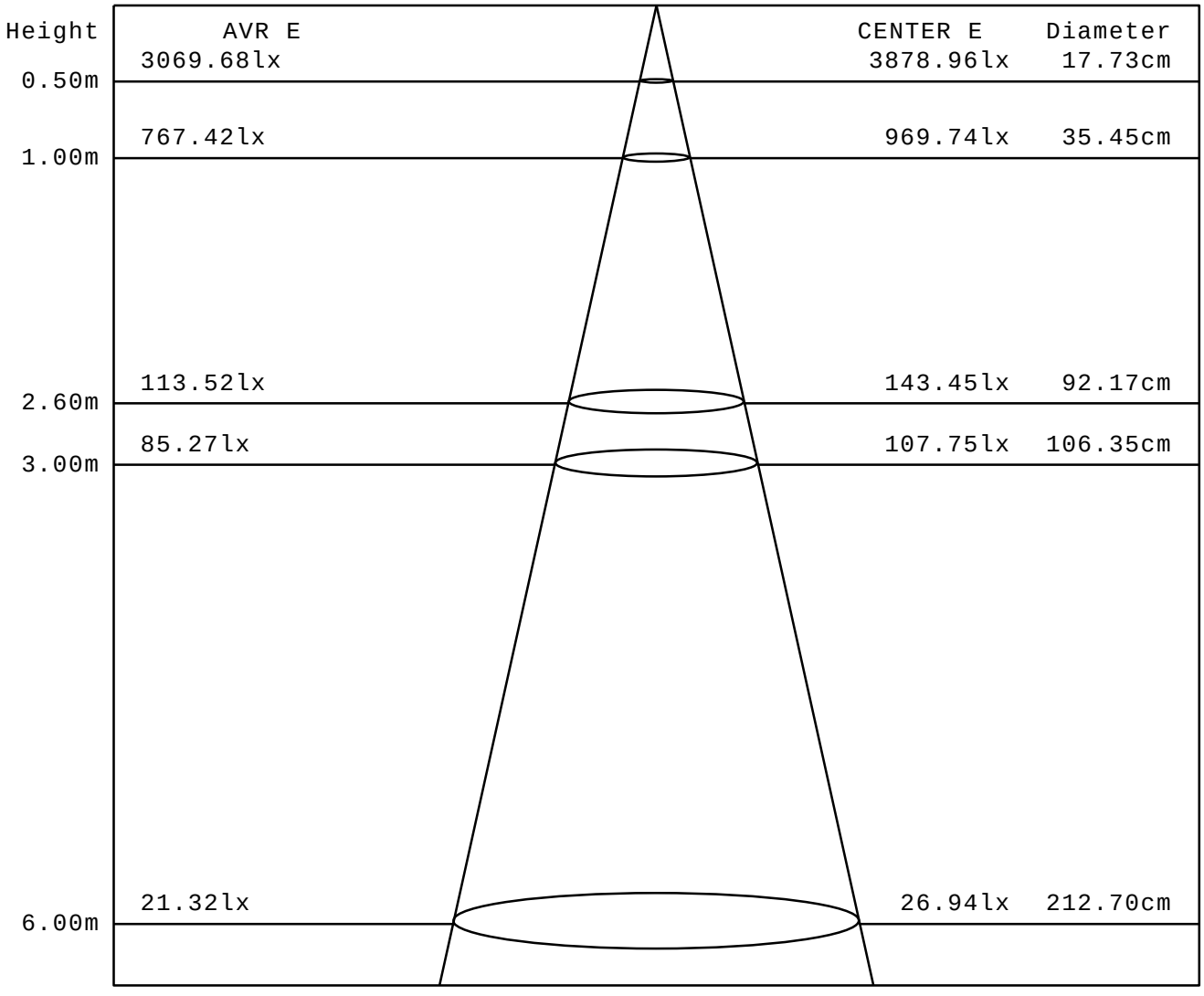
Scan Range: 380nm-780nmIntegral Time: 42.0ms Peak Signal: 42000 Dark Signal: 61293

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, 4000K	SKU: 097-white-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:20.1deg

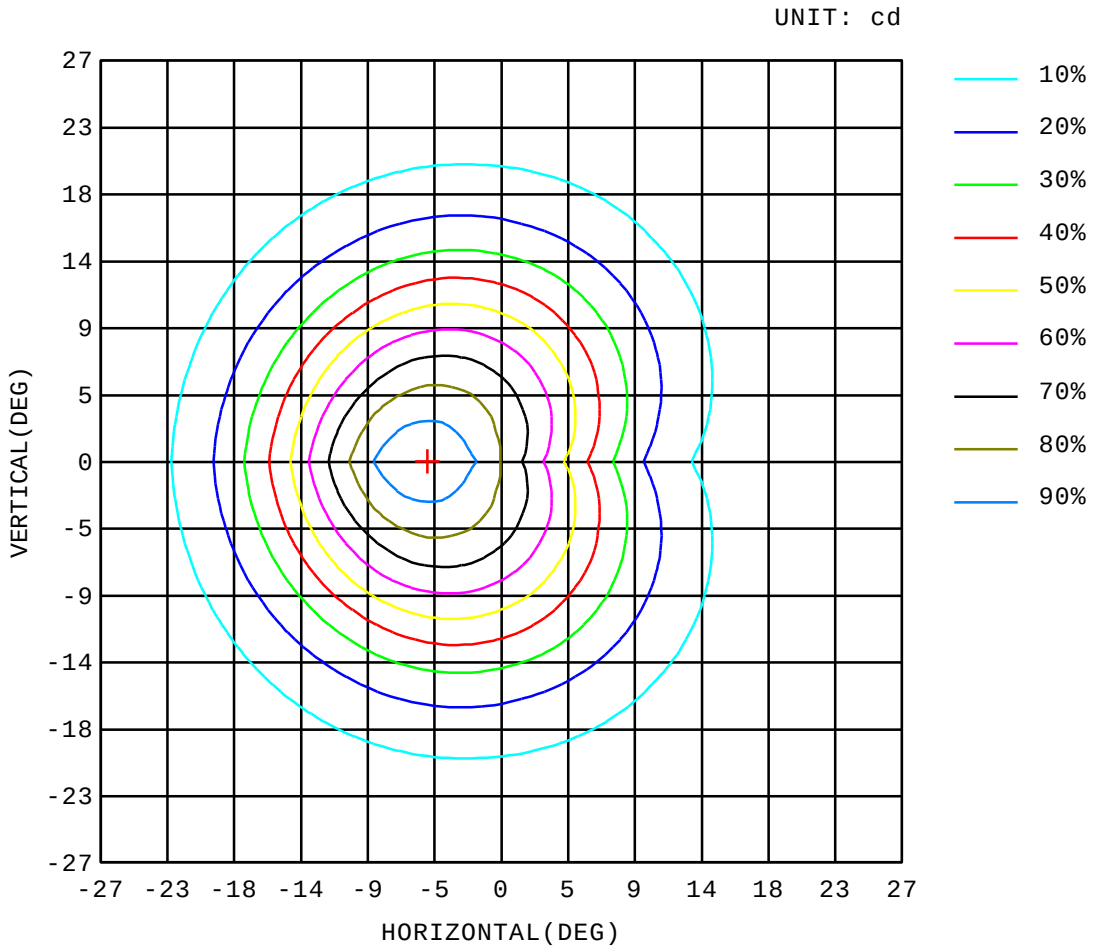
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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, 4000K	SKU: 097-white-4000	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: