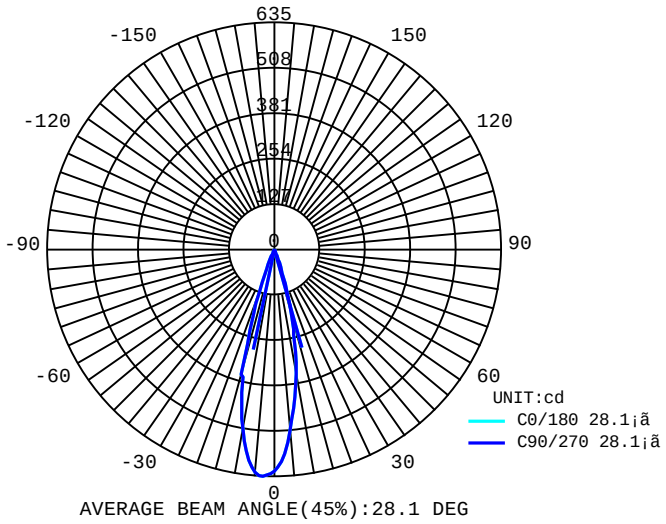
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Led LIGHT for TERRACE set, light UP, 4000K, IP67, 3W	SKU: TER-UP-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	634.8	S/MH(C0/180)	0.39
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.39
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	135.79	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	49.2	Current(A)	0.115
NOMINAL FLUX(lm)	135.8	η up(%)	0.0	Power(W)	2.760
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	122.1	EEI	0.176(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):28.1 DEG

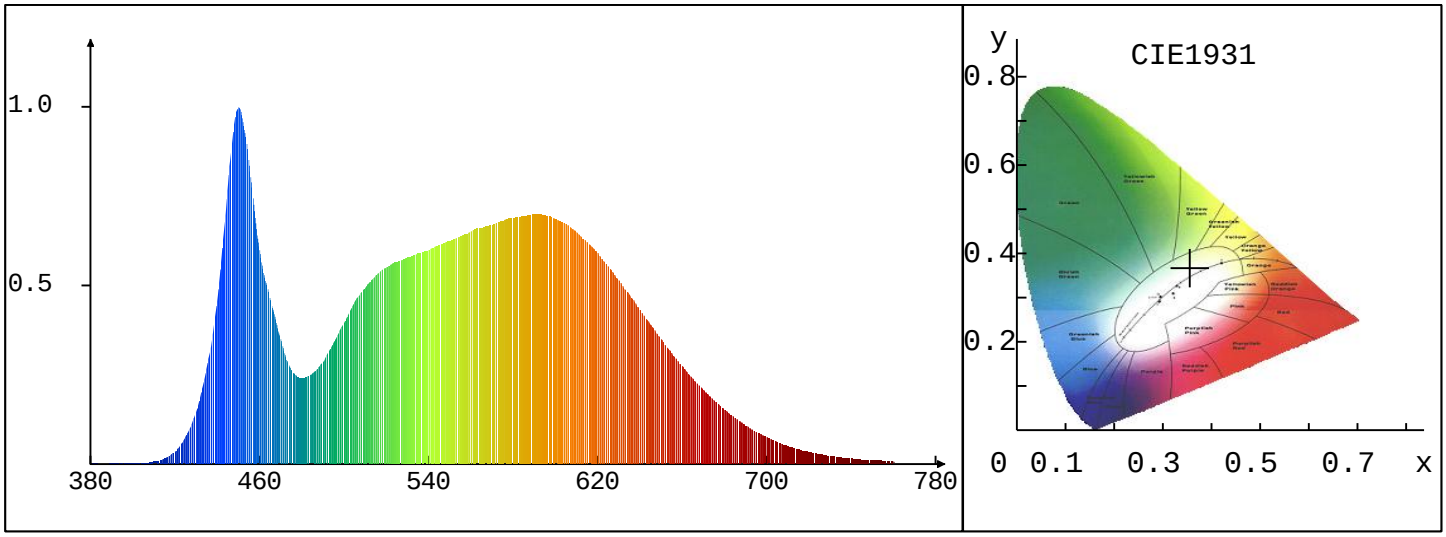
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Led LIGHT for TERRACE set, light UP, 4000K, IP67, 3W	SKU: TER-UP-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 4128K Chro. Coor.: xa=0.3784 ya=0.3869 u'a=0.2198 v'a=0.5057 ¦¤u'v'=0.0147

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3560 y=0.3637 u'=0.2141 v'=0.4921 duv=0.0018

CCT: 4658K Dominant Wave: 574.5nm Purity: 16.0% Light Intensity: 2273.6cd

Flux RGB Ratio: R=29.1%,G=45.8%,B=25.1% Peak Wave: 449.3nm Half Width: 22.6nm

Rendering Index: Ra= 83.5

R1 =82	R2 =88	R3 =93	R4 =83	R5 =82	R6 =84	R7 =88	R8 =68
R9 =11	R10=72	R11=83	R12=60	R13=83	R14=96	R15=76	

Instrument State

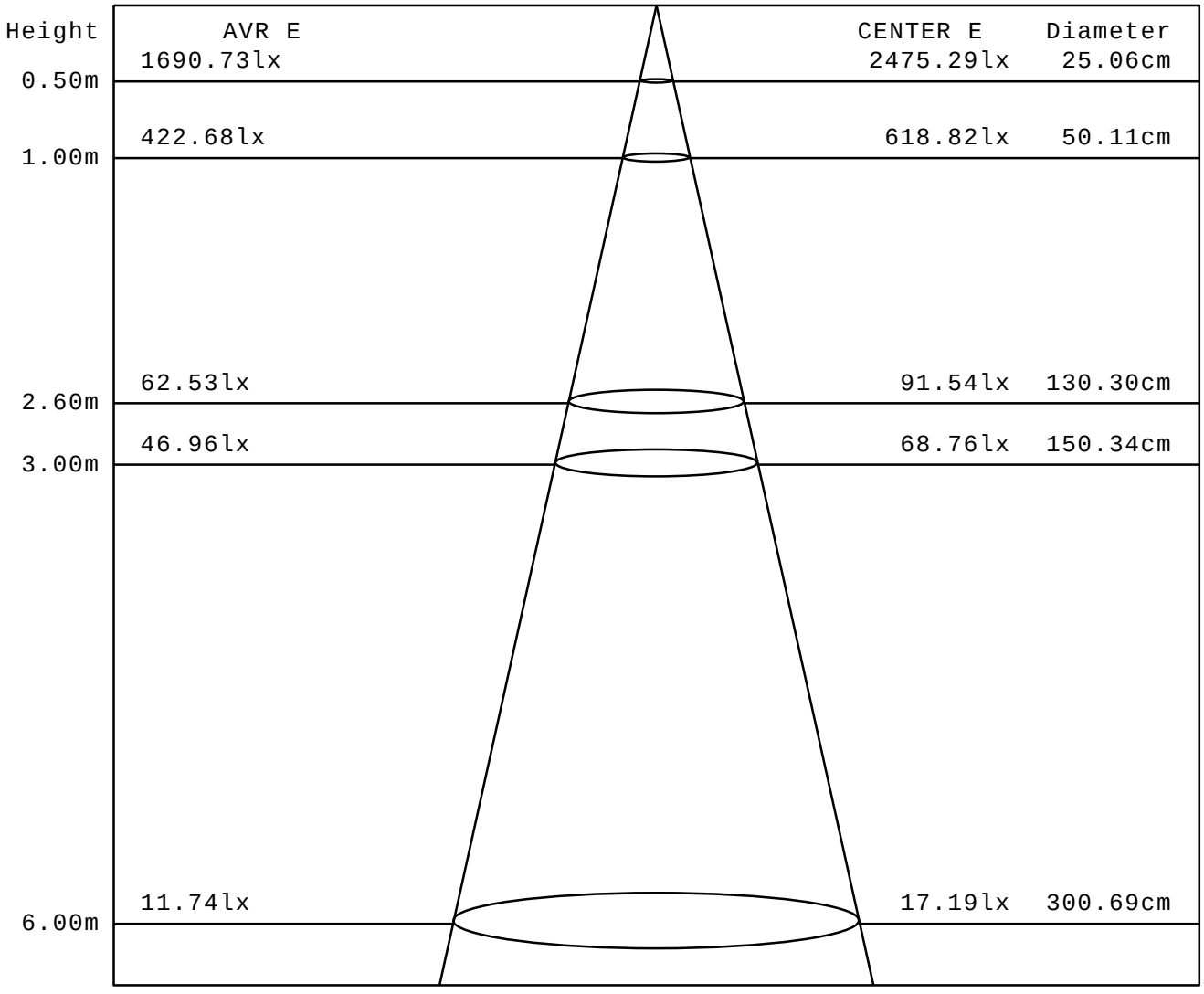
Scan Range: 380nm-780nmIntegral Time: 49.0ms Peak Signal: 49000 Dark Signal: 54519

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, 4000K, IP67, 3W	SKU: TER-UP-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:28.1deg

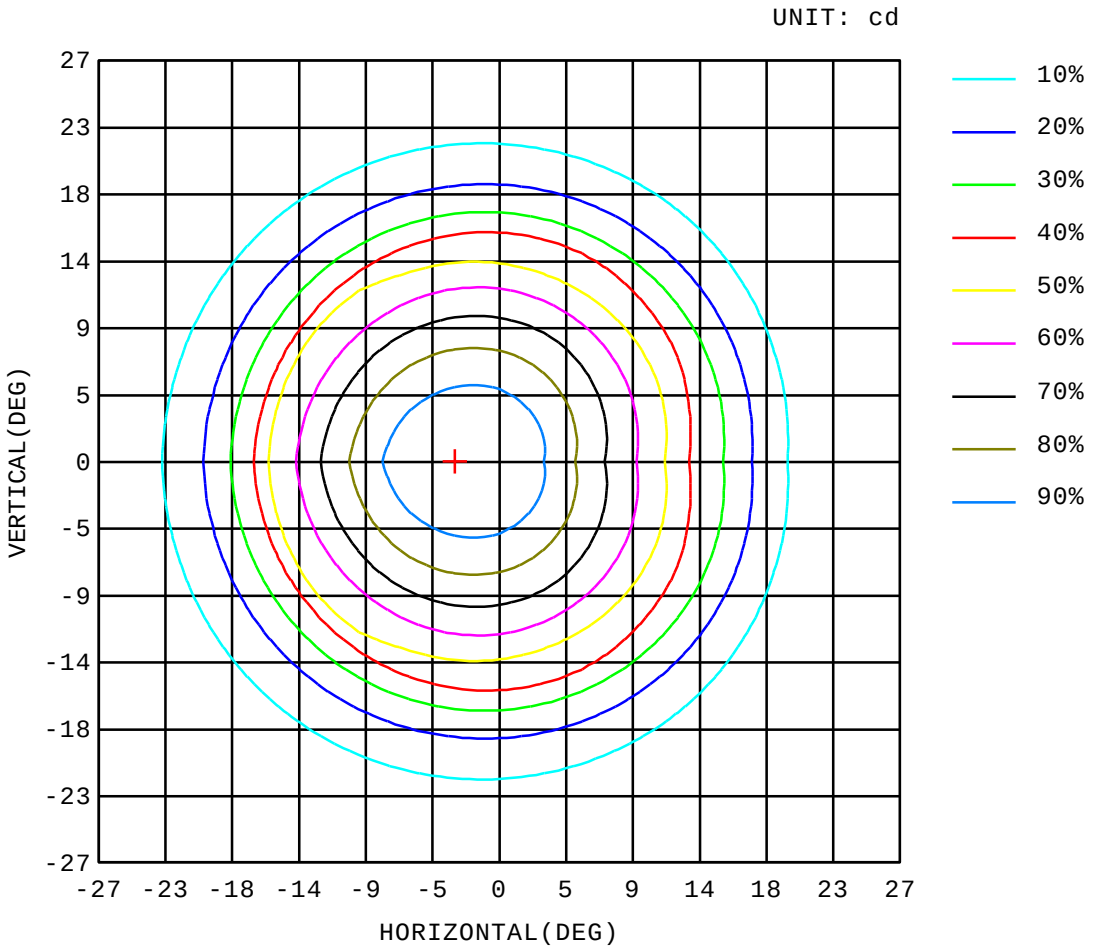
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Led LIGHT for TERRACE set, light UP, 4000K, IP67, 3W	SKU: TER-UP-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: