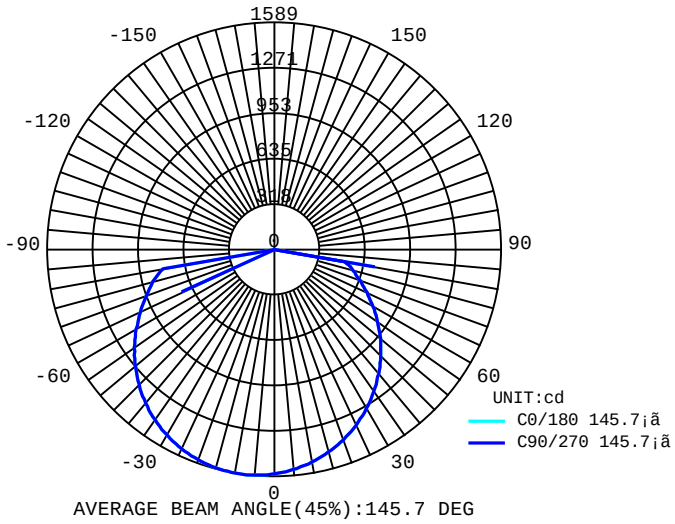
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED tube 3 in 1, 25W/30W/35W, T8 150cm, 3000K/3800K/5000K, CRI 97	SKU: T8-1500-3in1	TYPE: LED
SPECIFICATION: T8 LED tube, measured at 35W and 5000K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1589	S/MH(C0/180)	1.23
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	35	TOTAL FLUX(lm)	5611.1	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	161.6	Current(A)	0.151
NOMINAL FLUX(lm)	5611.2	η up(%)	0.0	Power(W)	34.73
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	5611.2	EEI	0.084(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):145.7 DEG

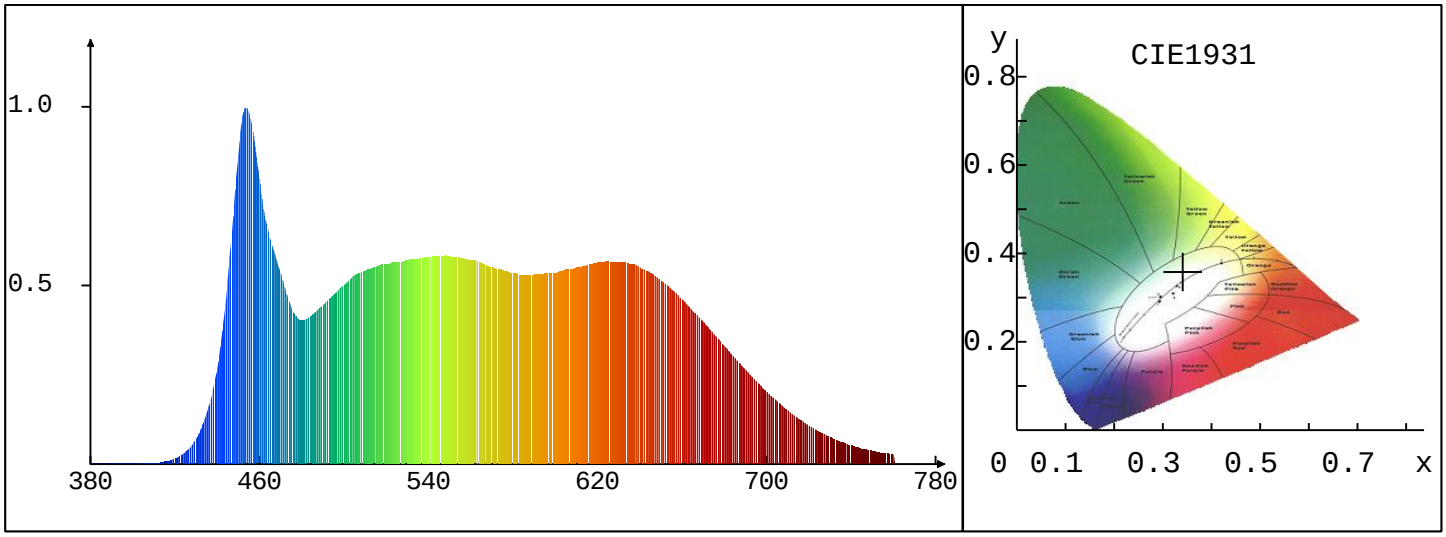
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:2.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 5175K Chro. Coor.: xa=0.3408 ya=0.3544 u'a=0.2075 v'a=0.4854 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3408 y=0.3544 u'=0.2075 v'=0.4854 duv=0.0031

CCT: 5173K Dominant Wave: 566.6nm Purity: 8.6% Light Intensity: 1257.7cd

Flux RGB Ratio: R=35.9%,G=38.4%,B=25.7% Peak Wave: 452.6nm Half Width: 26.4nm

Rendering Index: Ra= 97.3

R1 =98	R2 =100	R3 =98	R4 =97	R5 =97	R6 =96	R7 =97	R8 =96
R9 =94	R10=98	R11=98	R12=75	R13=99	R14=99	R15=97	

Instrument State

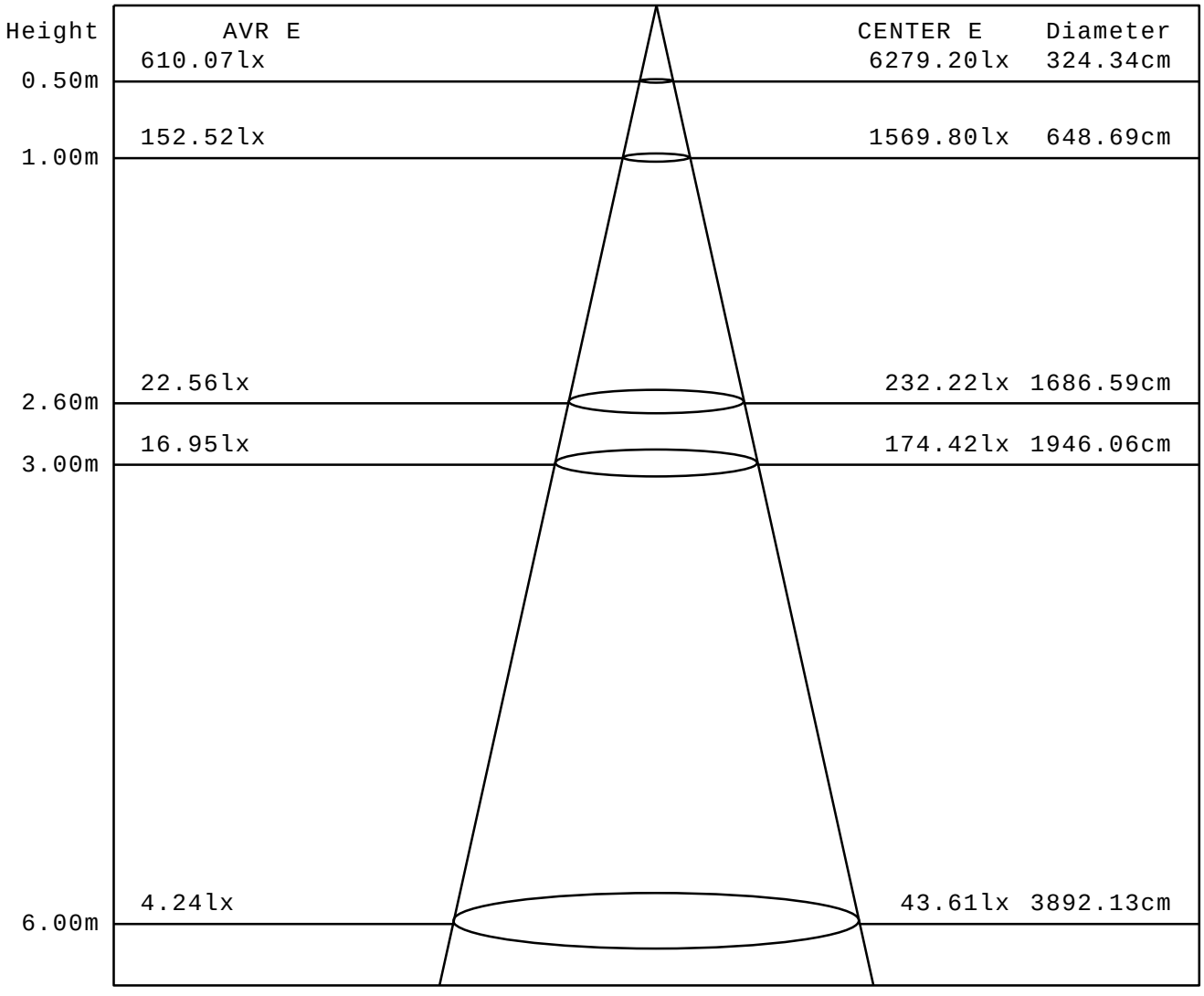
Scan Range: 380nm-780nmIntegral Time: 84.0ms Peak Signal: 84000 Dark Signal: 55925

Test System:HopooColor HP880 Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:2.000 m
Test Date:09-20-2024 Remarks:

AVERAGE AND CENTER E Figure

Report number:

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SPECIFICATION: T8 LED tube, measured at 35W and 5000K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy



Angle:145.7deg

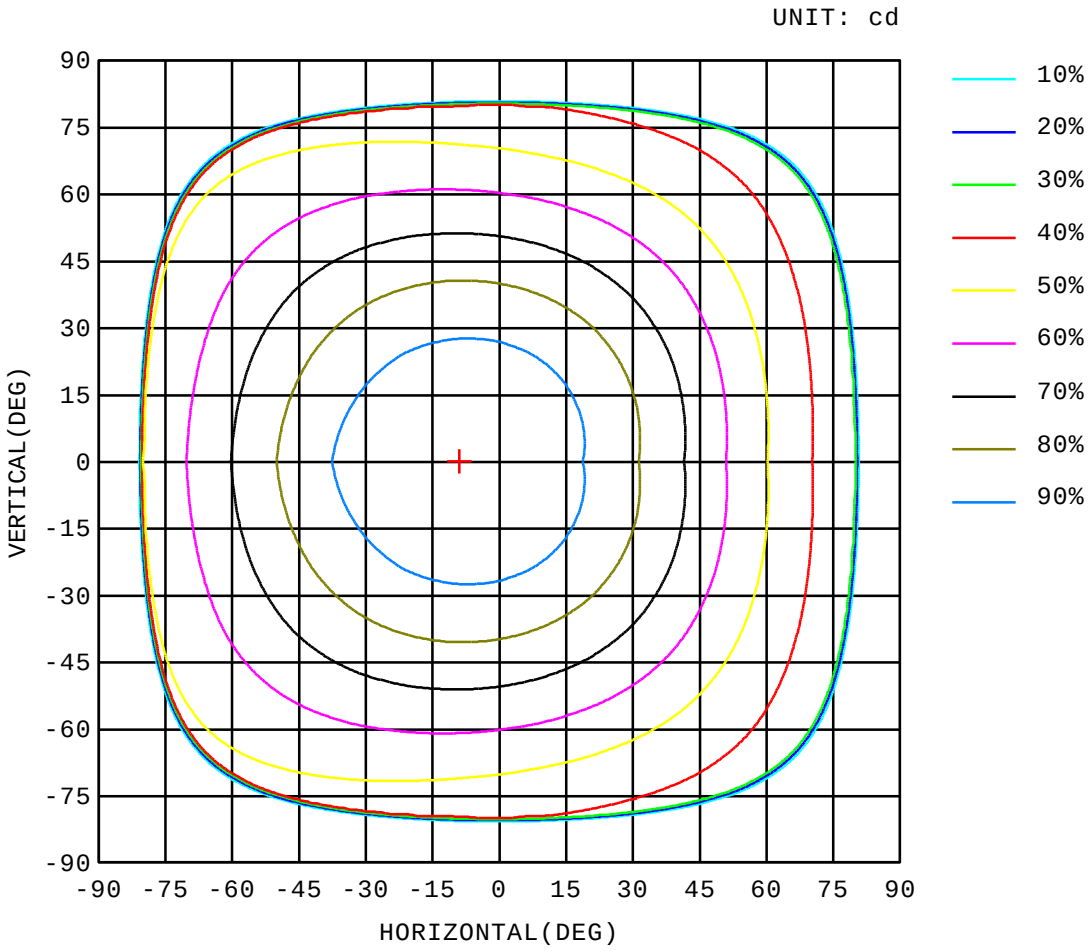
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:2.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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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:2.000 m
Remarks: