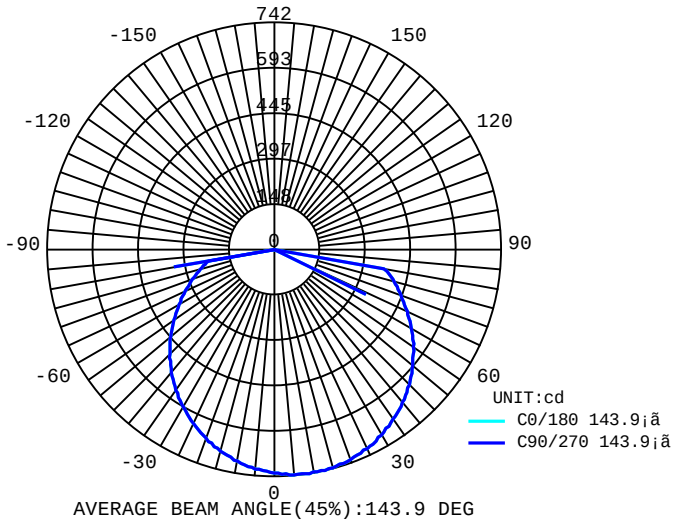
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED tube 3 in 1, 12W/15W/18W, T8 120cm, 3000K/3800K/5000K, CRI 97	SKU: T8-1200-3in1	TYPE: LED
SPECIFICATION: T8 LED tube, measured at 18W and 3000K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	741.6	S/MH(C0/180)	1.43
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.43
NOMINAL POWER(W)	18	TOTAL FLUX(lm)	2583.1	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	140.4	Current(A)	0.080
NOMINAL FLUX(lm)	2583.2	η up(%)	0.0	Power(W)	18.40
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	2583.2	EEI	0.097(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):143.9 DEG

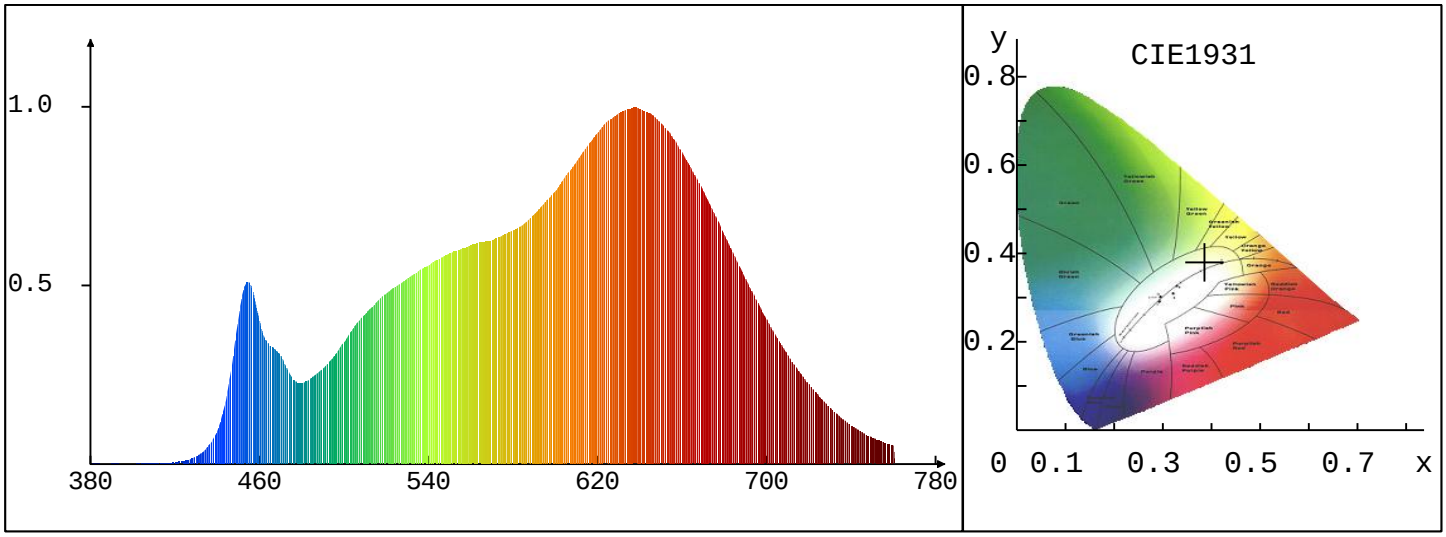
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 2977K Chro. Coor.: xa=0.4382 ya=0.4038 u'a=0.2515 v'a=0.5215 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4381 y=0.4037 u'=0.2515 v'=0.5214 duv=-0.0003

CCT: 2977K Dominant Wave: 583.0nm Purity: 52.7% Light Intensity: 782.4cd

Flux RGB Ratio: R=54.9%,G=33.7%,B=11.4% Peak Wave: 636.8nm Half Width: 166.9nm

Rendering Index: Ra= 98.1

R1 =98	R2 =100	R3 =96	R4 =98	R5 =98	R6 =97	R7 =99	R8 =99
R9 =99	R10=99	R11=96	R12=83	R13=98	R14=97	R15=98	

Instrument State

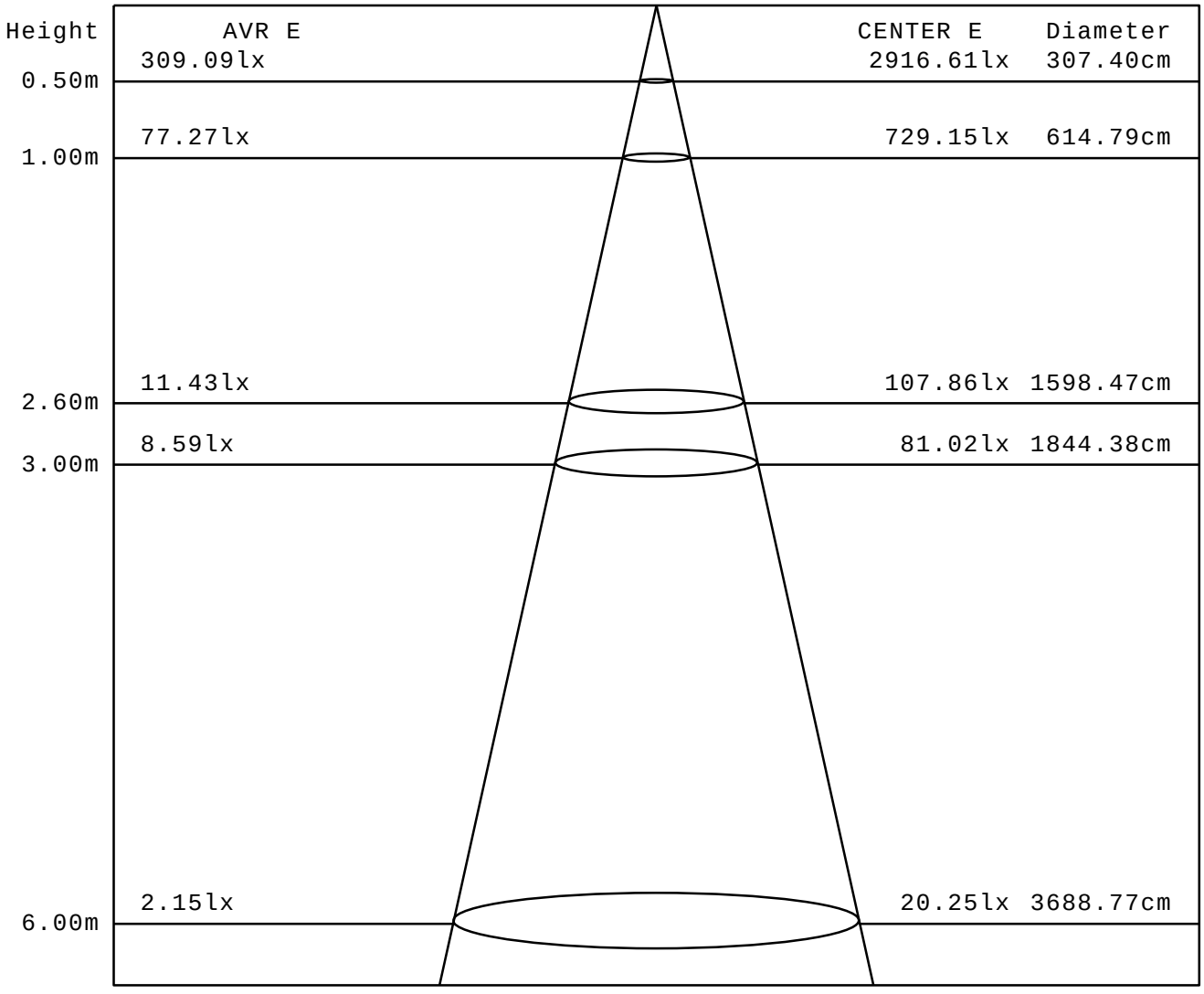
Scan Range: 380nm-780nmIntegral Time: 150.0ms Peak Signal: 150000 Dark Signal: 47857

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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ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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SPECIFICATION: T8 LED tube, measured at 18W and 3000K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy



Angle:144.0deg

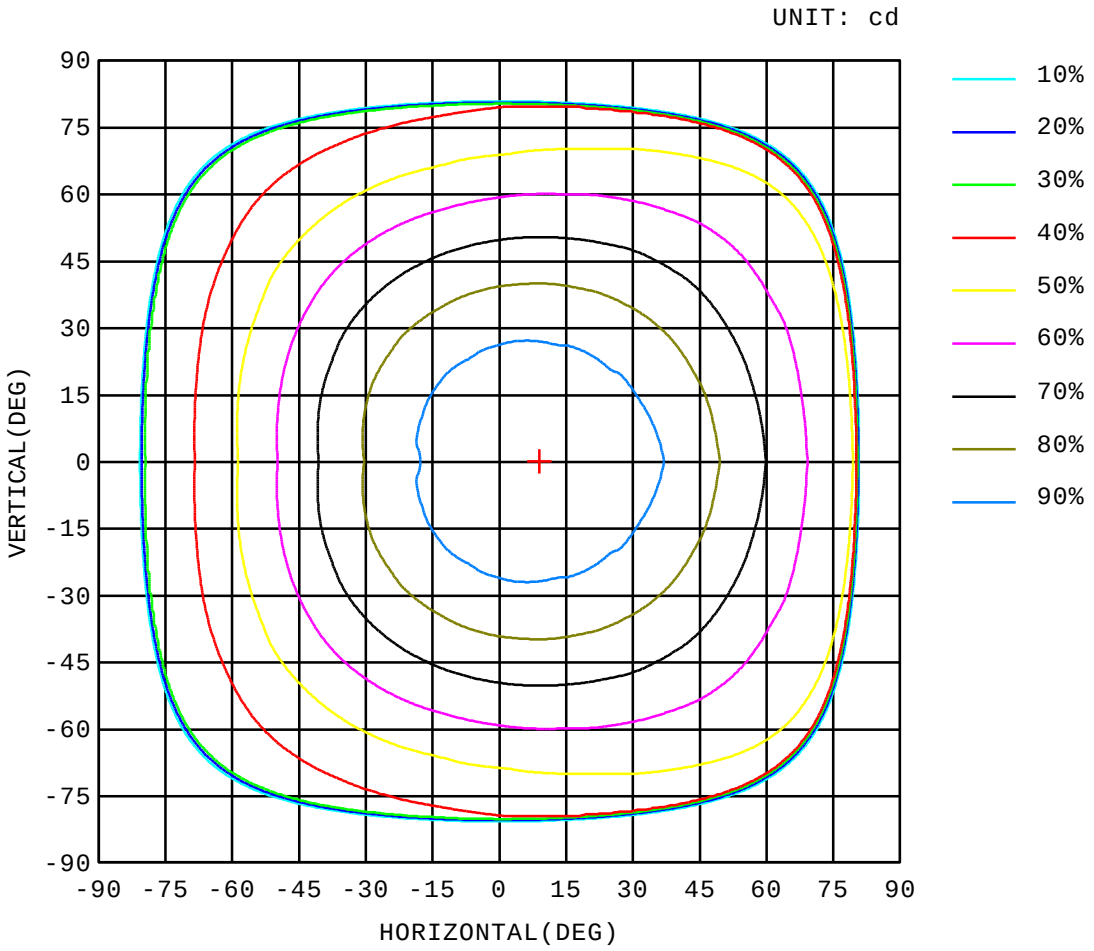
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: