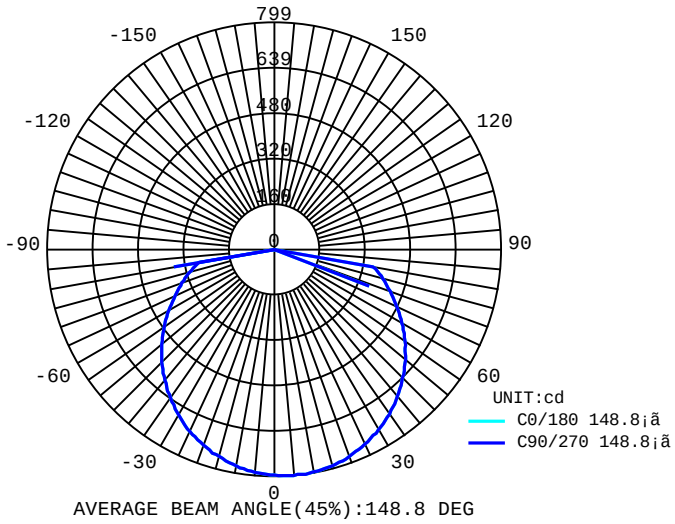
LUMINAIRE PHOTOMETRIC TEST REPORT

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 3800K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	799.3	S/MH(C0/180)	1.38
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.38
NOMINAL POWER(W)	18	TOTAL FLUX(lm)	2797.3	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	152.0	Current(A)	0.080
NOMINAL FLUX(lm)	2797.3	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)	2797.3	EEI	0.090(A++)

LUMINOUS INTENSITY DISTRIBUTION



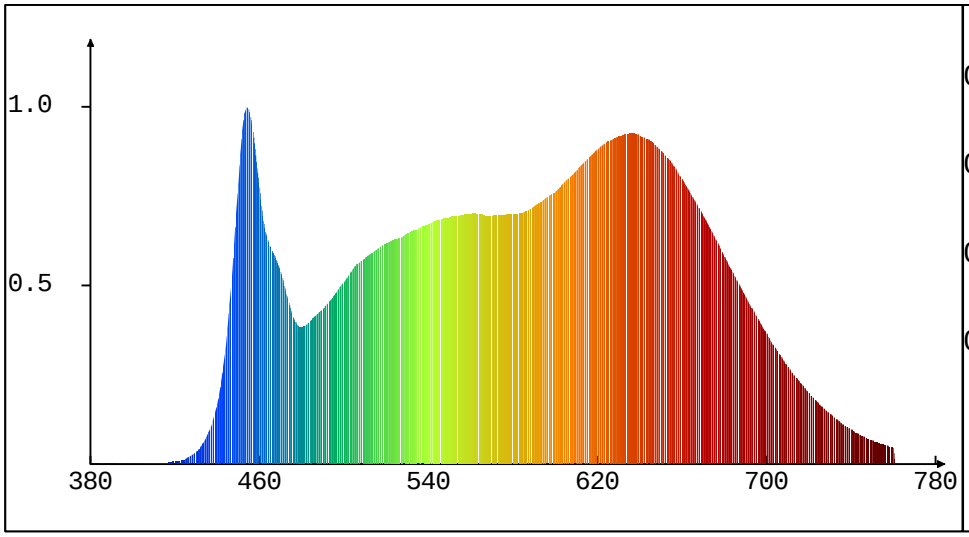
AVERAGE BEAM ANGLE(45%):148.8 DEG

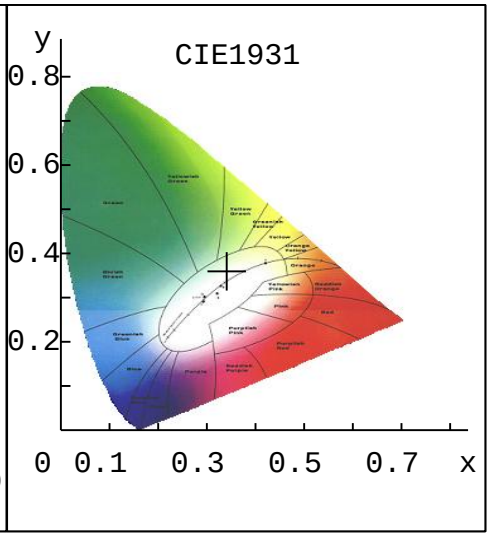
Test System:HopooColor HP880	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:2.000 m
Test Date:09-20-2024	Remarks:

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: 3838K Chro. Coor.: xa=0.3863 ya=0.3762 u'a=0.2292 v'a=0.5022 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3863 y=0.3762 u'=0.2292 v'=0.5022 duv=-0.0019

CCT: 3838K Dominant Wave: 580.7nm Purity: 28.9% Light Intensity: 857.3cd

Flux RGB Ratio: R=46.0%,G=35.5%,B=18.4% Peak Wave: 453.3nm Half Width: 24.9nm

Rendering Index: Ra= 96.5

R1 =96	R2 =97	R3 =98	R4 =97	R5 =96	R6 =95	R7 =97	R8 =95
R9 =89	R10=96	R11=96	R12=76	R13=96	R14=98	R15=94	

Instrument State

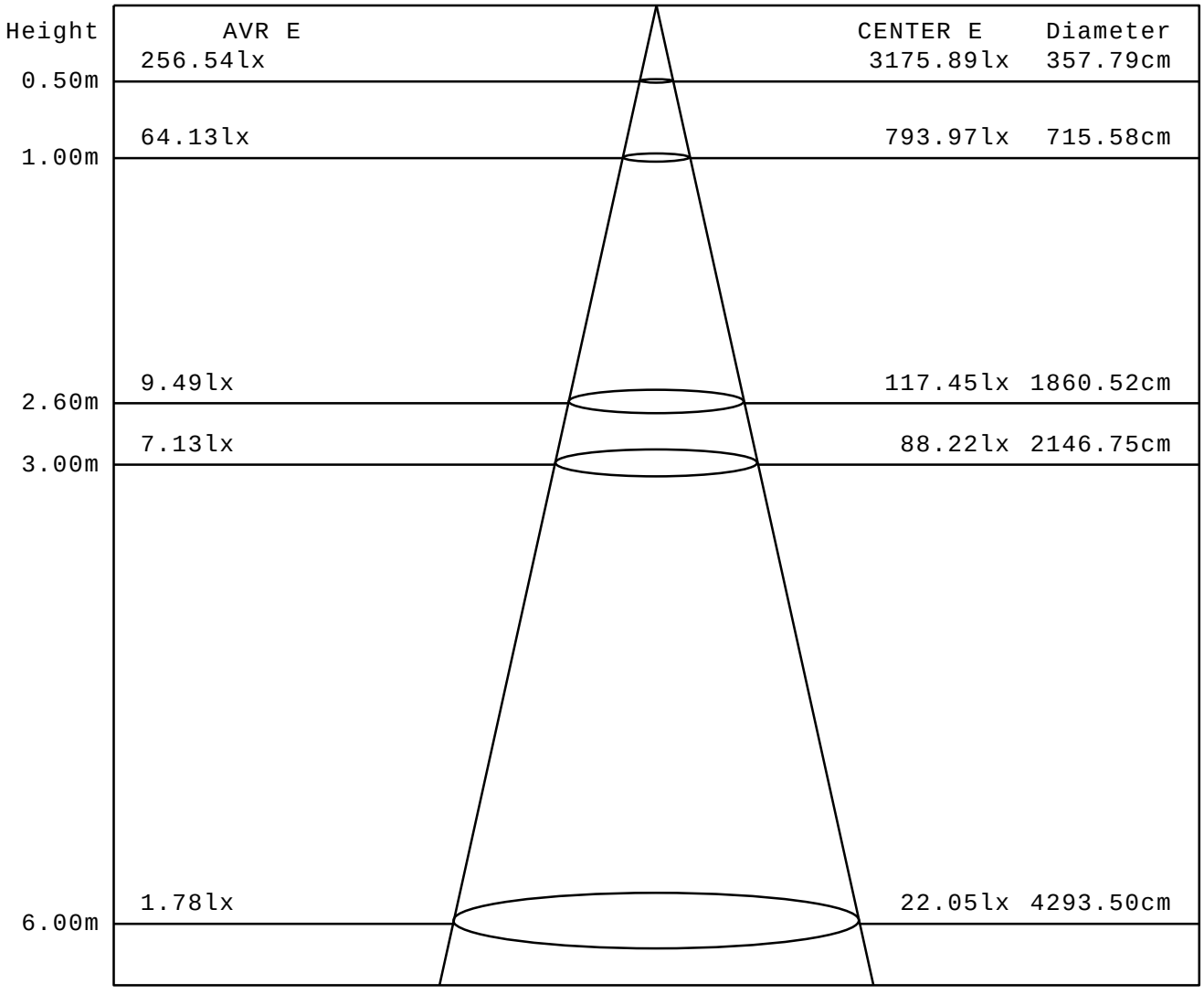
Scan Range: 380nm-780nmIntegral Time: 150.0ms Peak Signal: 150000 Dark Signal: 56123

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:

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 3800K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy



Angle:148.8deg

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

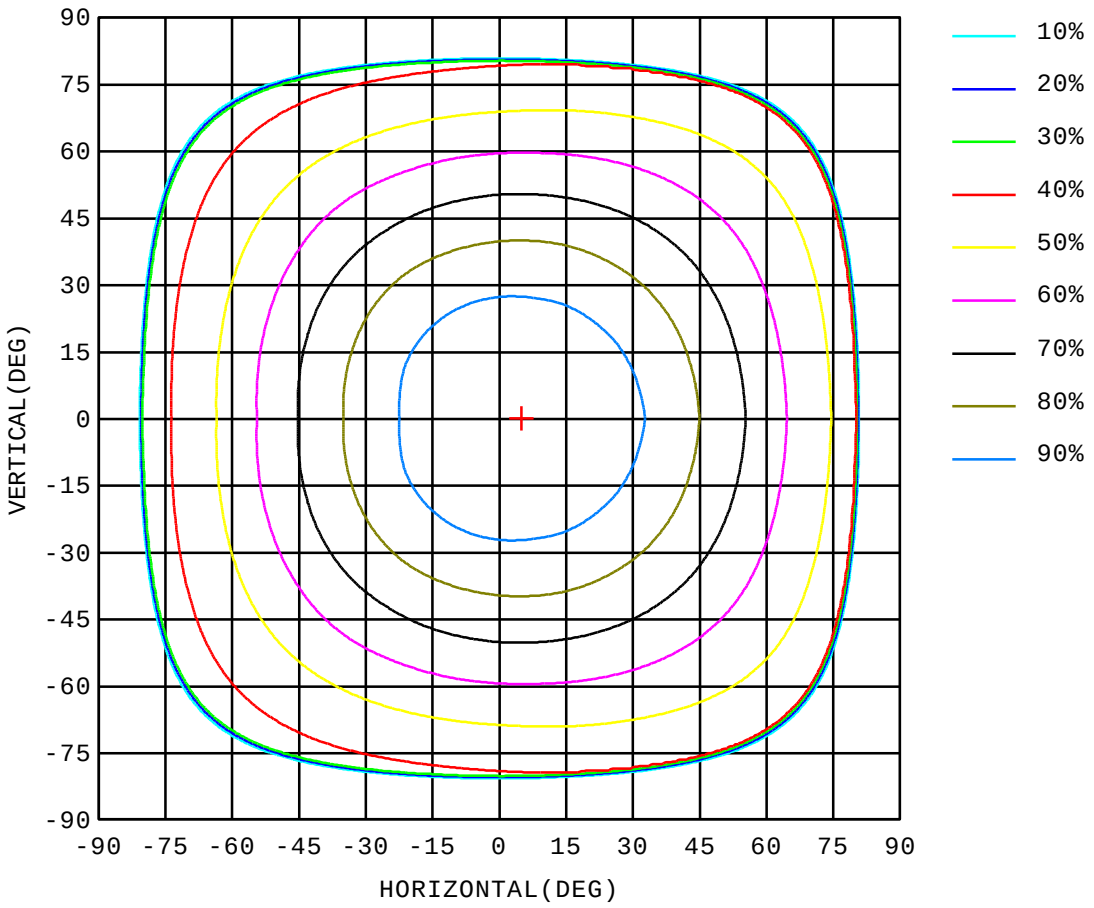
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:2.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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 3800K setting	NOTES: Selectable color temperature and wattage	MEASURED BY: Lamppukauppa Led Store Oy

UNIT: cd



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: