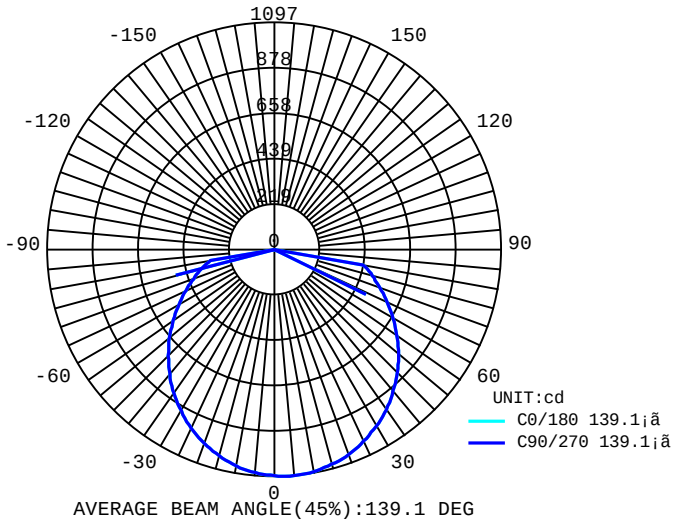
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Compatible LED tube 20W, T8 120cm, HIGH CRI95, 4000K, 3600 lumen	SKU: T8-1500-20W-C	TYPE: LED
SPECIFICATION: T8 LED tube	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1097	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	3622.0	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	175.0	Current(A)	0.090
NOMINAL FLUX(lm)	3622.0	η up(%)	0.0	Power(W)	20.70
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	3622.0	EEI	0.078(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):139.1 DEG

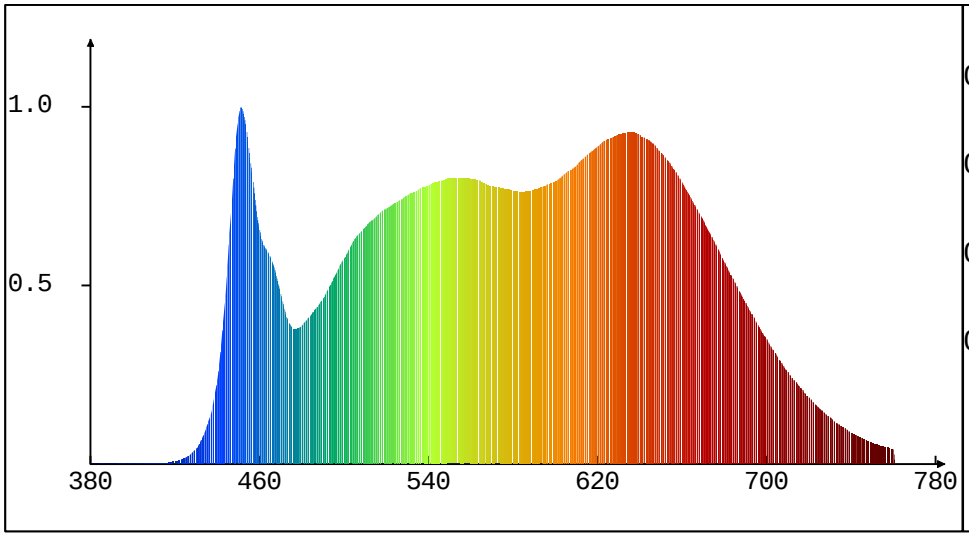
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

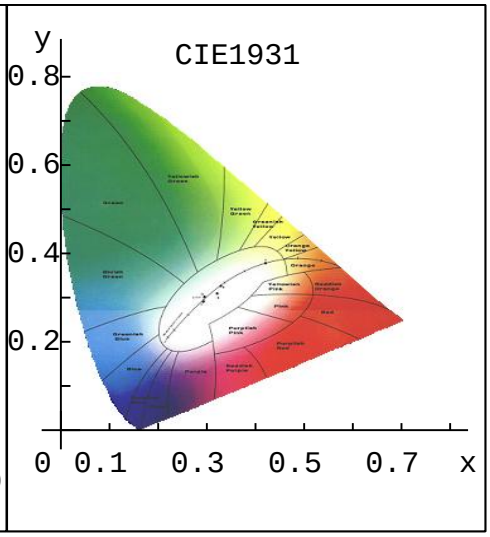
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:2.000 m
Remarks:

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: 4052K Chro. Coor.: xa=0.3812 ya=0.3872 u'a=0.2215 v'a=0.5062 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3813 y=0.3872 u'=0.2215 v'=0.5062 duv=0.0046

CCT: 4051K Dominant Wave: 576.6nm Purity: 30.6% Light Intensity: 810.6cd

Flux RGB Ratio: R=43.5%,G=38.3%,B=18.2% Peak Wave: 450.6nm Half Width: 24.4nm

Rendering Index: Ra= 96.6

R1 =98	R2 =97	R3 =95	R4 =97	R5 =96	R6 =94	R7 =98	R8 =98
R9 =95	R10=92	R11=97	R12=71	R13=97	R14=97	R15=96	

Instrument State

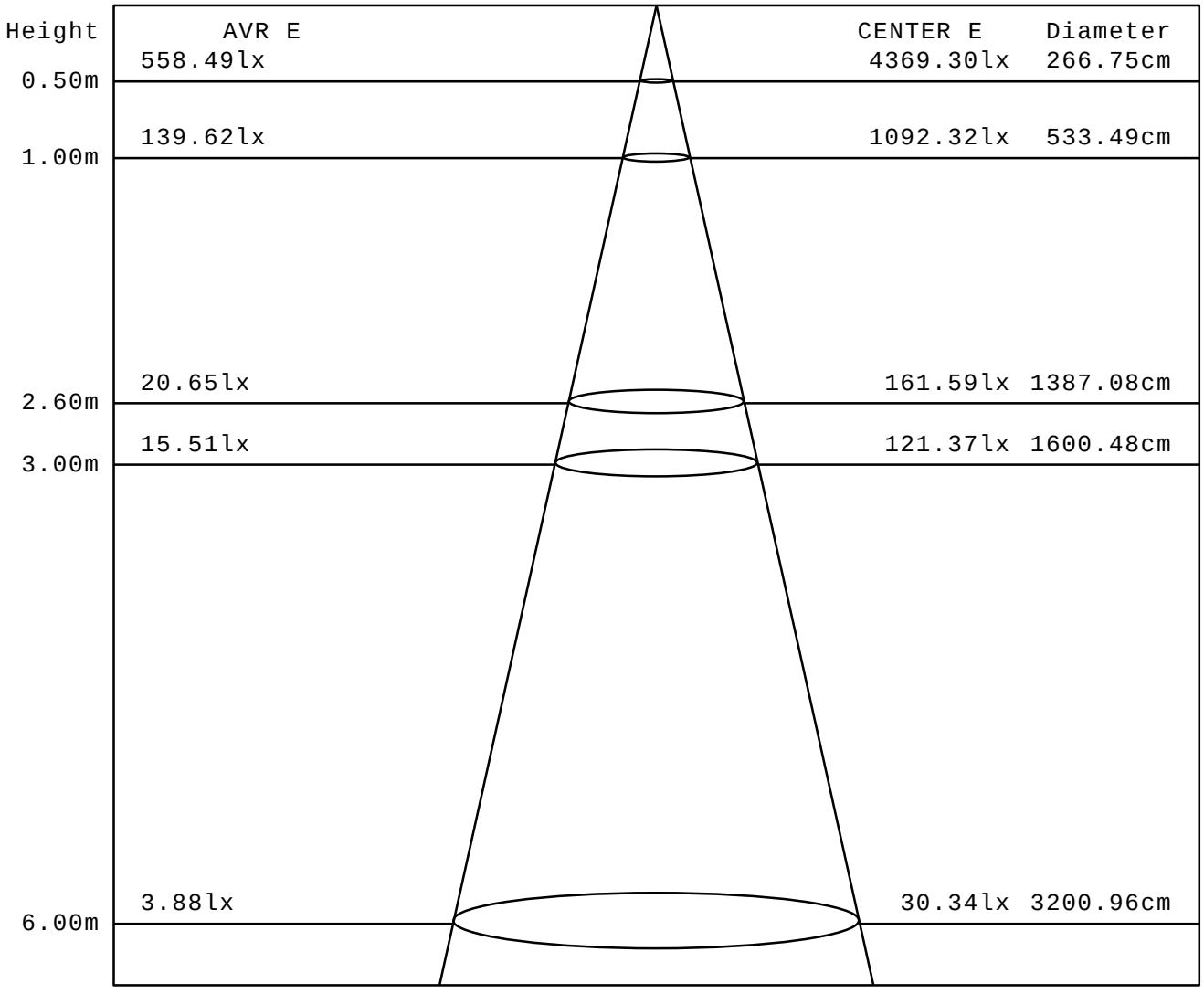
Scan Range: 380nm-780nmIntegral Time: 190.0ms Peak Signal: 190000 Dark Signal: 60061

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: Compatible LED tube 20W, T8 120cm, HIGH CRI95, 4000K, 3600 lumen	SKU: T8-1500-20W-C	TYPE: LED
SPECIFICATION: T8 LED tube	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:138.9deg

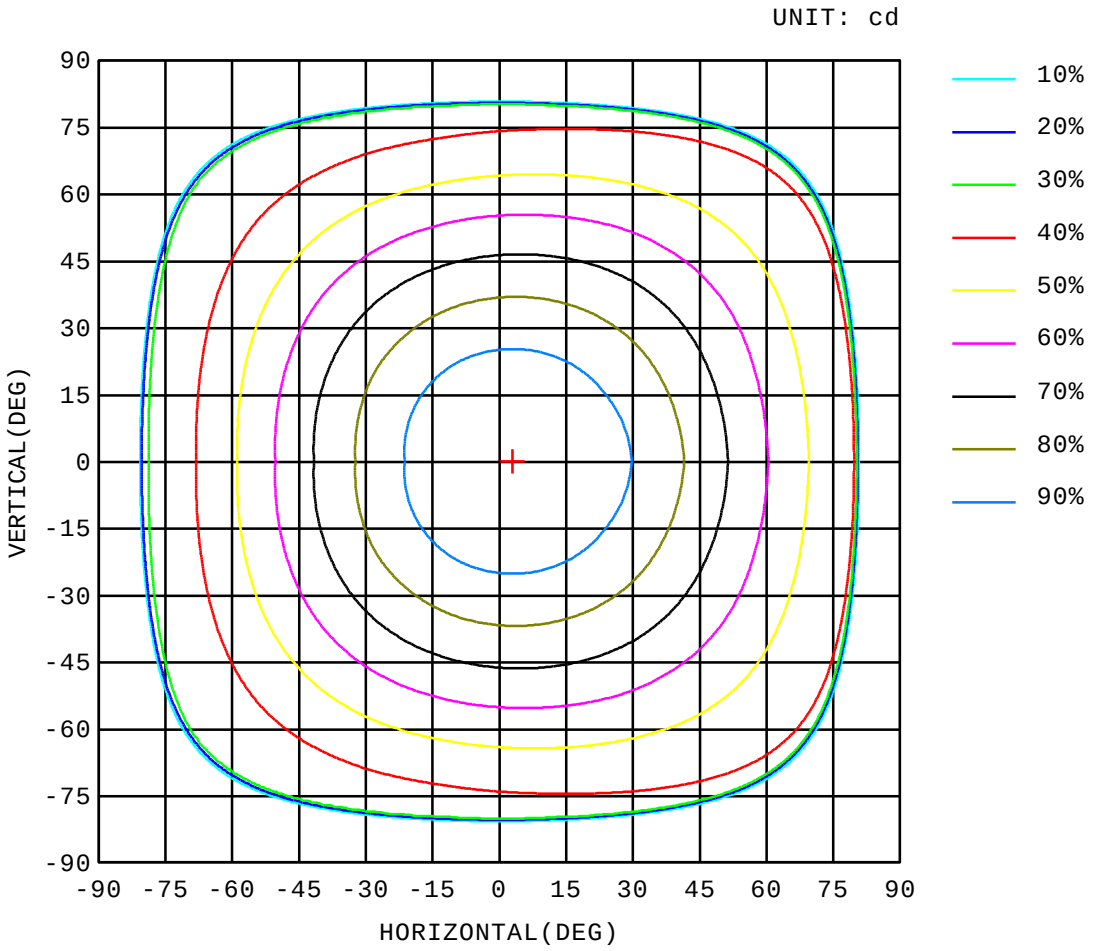
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: