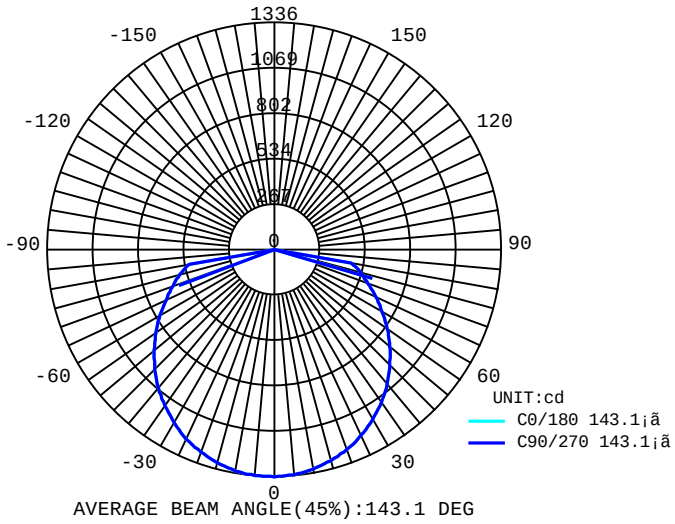
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED tube 25W, T8 150cm, high CRI90, 4000K, 4500 lumens, tiltable	SKU: T8-1500-25W	TYPE: LED
SPECIFICATION: T8 LED tube	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1336	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	25	TOTAL FLUX(lm)	4536.7	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	187.9	Current(A)	0.105
NOMINAL FLUX(lm)	4536.8	η up(%)	0.0	Power(W)	24.15
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	4536.8	EEI	0.073(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):143.1 DEG

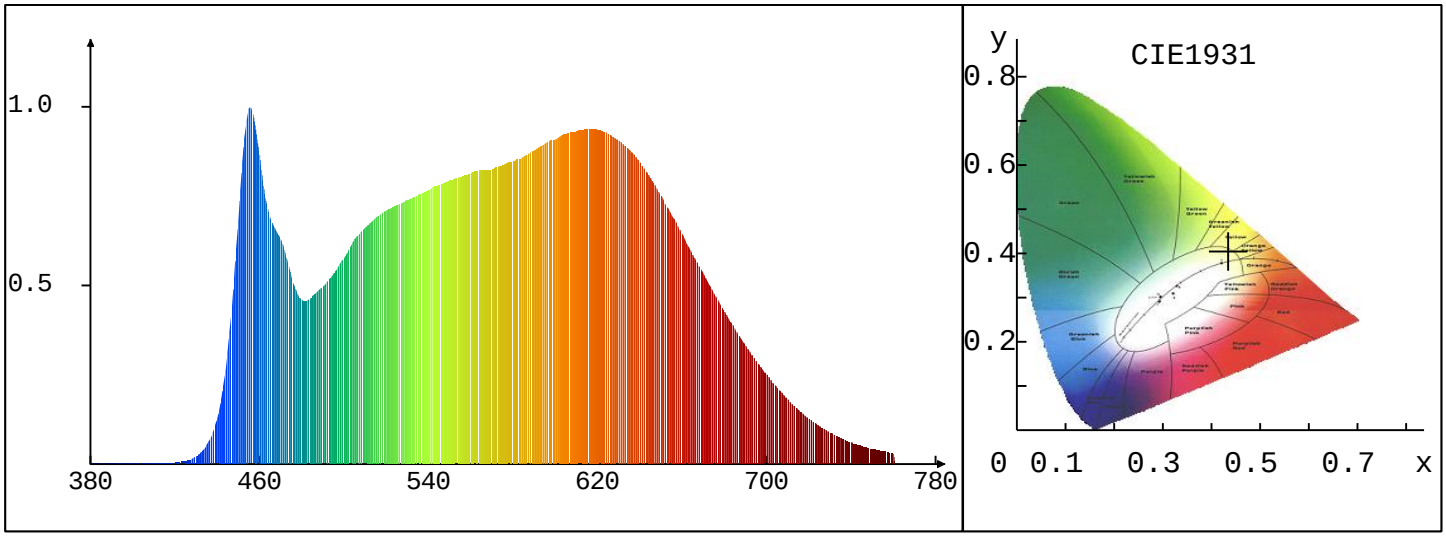
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 3962K Chro. Coor.: xa=0.3857 ya=0.3906 u'a=0.2231 v'a=0.5083 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3857 y=0.3906 u'=0.2231 v'=0.5083 duv=0.0049

CCT: 3961K Dominant Wave: 576.9nm Purity: 33.0% Light Intensity: 978.3cd

Flux RGB Ratio: R=40.0%,G=40.8%,B=19.2% Peak Wave: 454.7nm Half Width: 28.0nm

Rendering Index: Ra= 92.9

R1 =94	R2 =98	R3 =99	R4 =90	R5 =92	R6 =96	R7 =91	R8 =84
R9 =65	R10=94	R11=92	R12=69	R13=95	R14=99	R15=89	

Instrument State

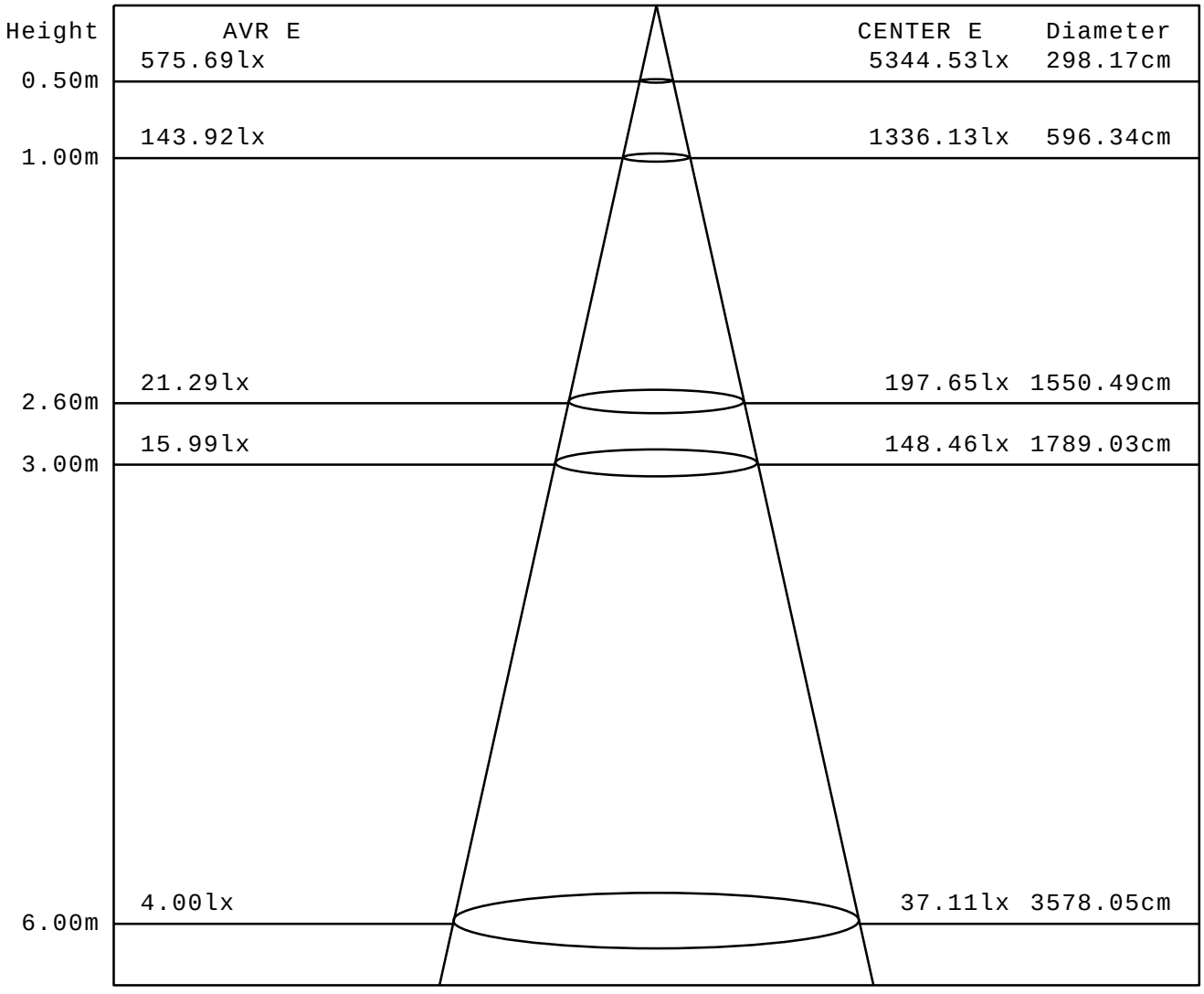
Scan Range: 380nm-780nmIntegral Time: 150.0ms Peak Signal: 150000 Dark Signal: 54880

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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Angle:142.9deg

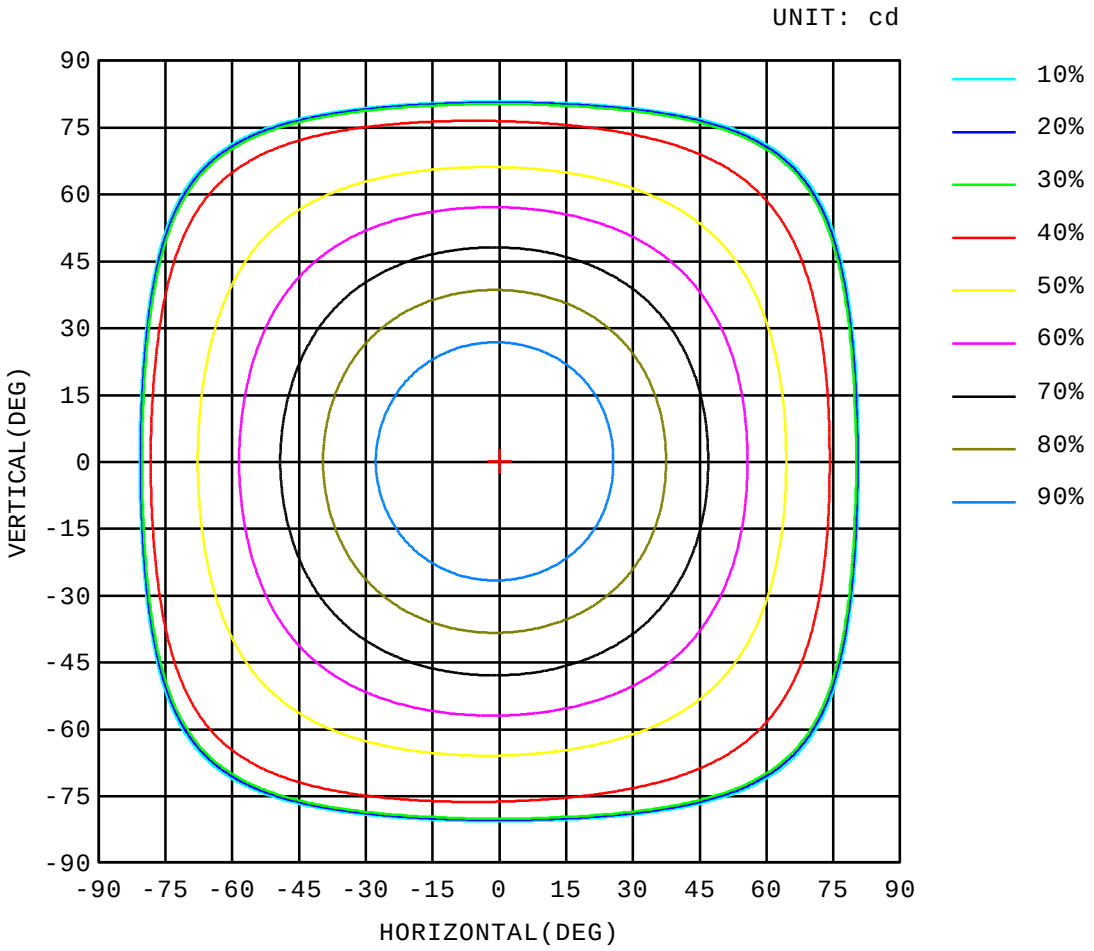
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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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: