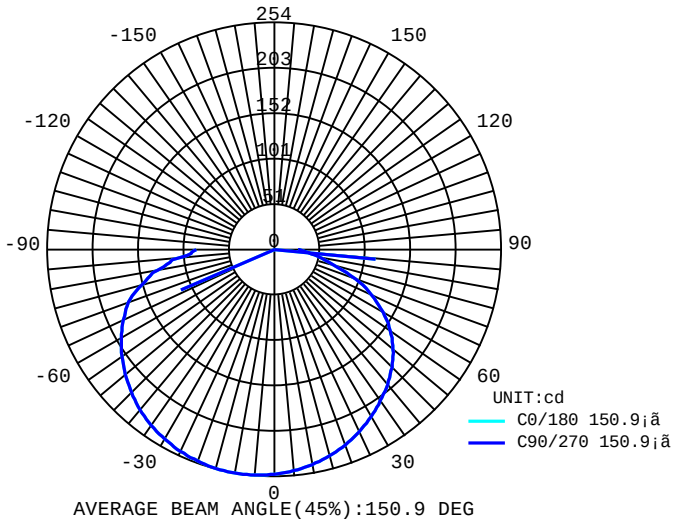
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm-strip-144-24v-IP65-3000-cob-CRI96	SKU: 1cm-strip-144-24v-IP65-3000-cob-CRI96	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	253.5	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1014.5	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	69.3	Current(A)	0.610
NOMINAL FLUX(lm)	1014.6	η up(%)	0.0	Power(W)	14.64
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1014.6	EEI	0.188(A)

LUMINOUS INTENSITY DISTRIBUTION



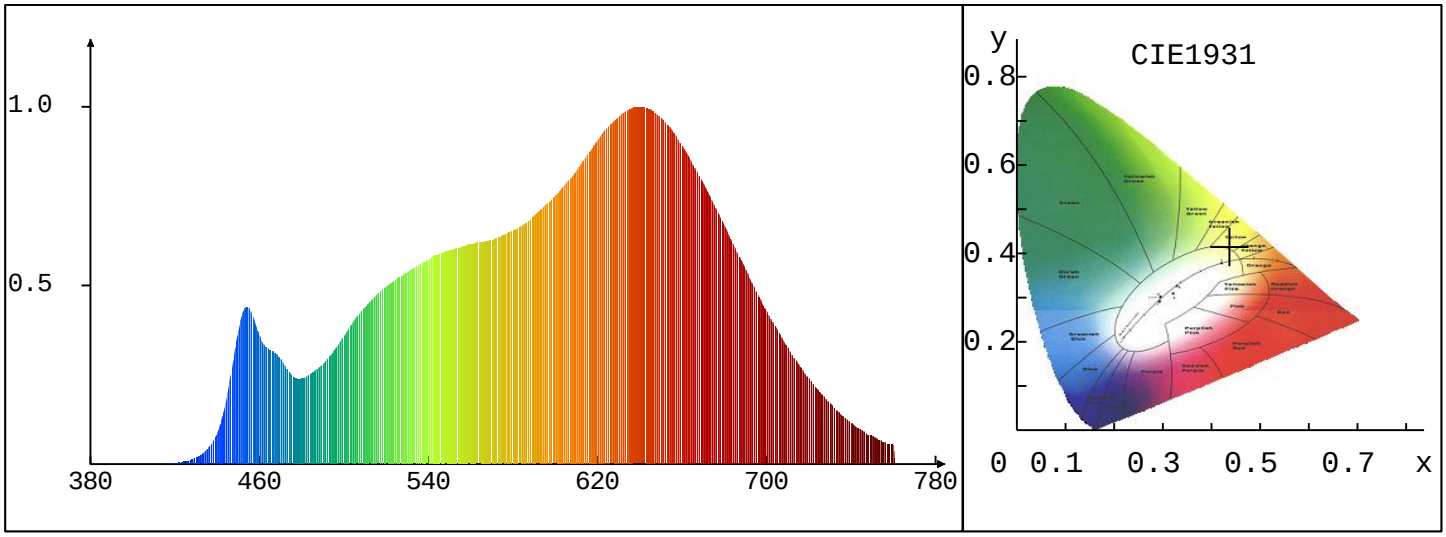
AVERAGE BEAM ANGLE(45%):150.9 DEG

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:



Avg Chro. Para.

CCT: 3029K Chro. Coor.: xa=0.4381 ya=0.4101 u'a=0.2488 v'a=0.5239 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4381 y=0.4101 u'=0.2488 v'=0.5239 duv=0.0022

CCT: 3028K Dominant Wave: 581.9nm Purity: 54.6% Light Intensity: 395.5cd

Flux RGB Ratio: R=55.1%,G=33.9%,B=11.0% Peak Wave: 636.8nm Half Width: 173.7nm

Rendering Index: Ra= 97.7

R1 =98	R2 =100	R3 =95	R4 =97	R5 =98	R6 =99	R7 =98	R8 =97
R9 =98	R10=98	R11=96	R12=83	R13=98	R14=96	R15=98	

Instrument State

Scan Range: 380nm-780nmIntegral Time: 330.0ms Peak Signal: 330000 Dark Signal: 51491

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AVERAGE AND CENTER E Figure

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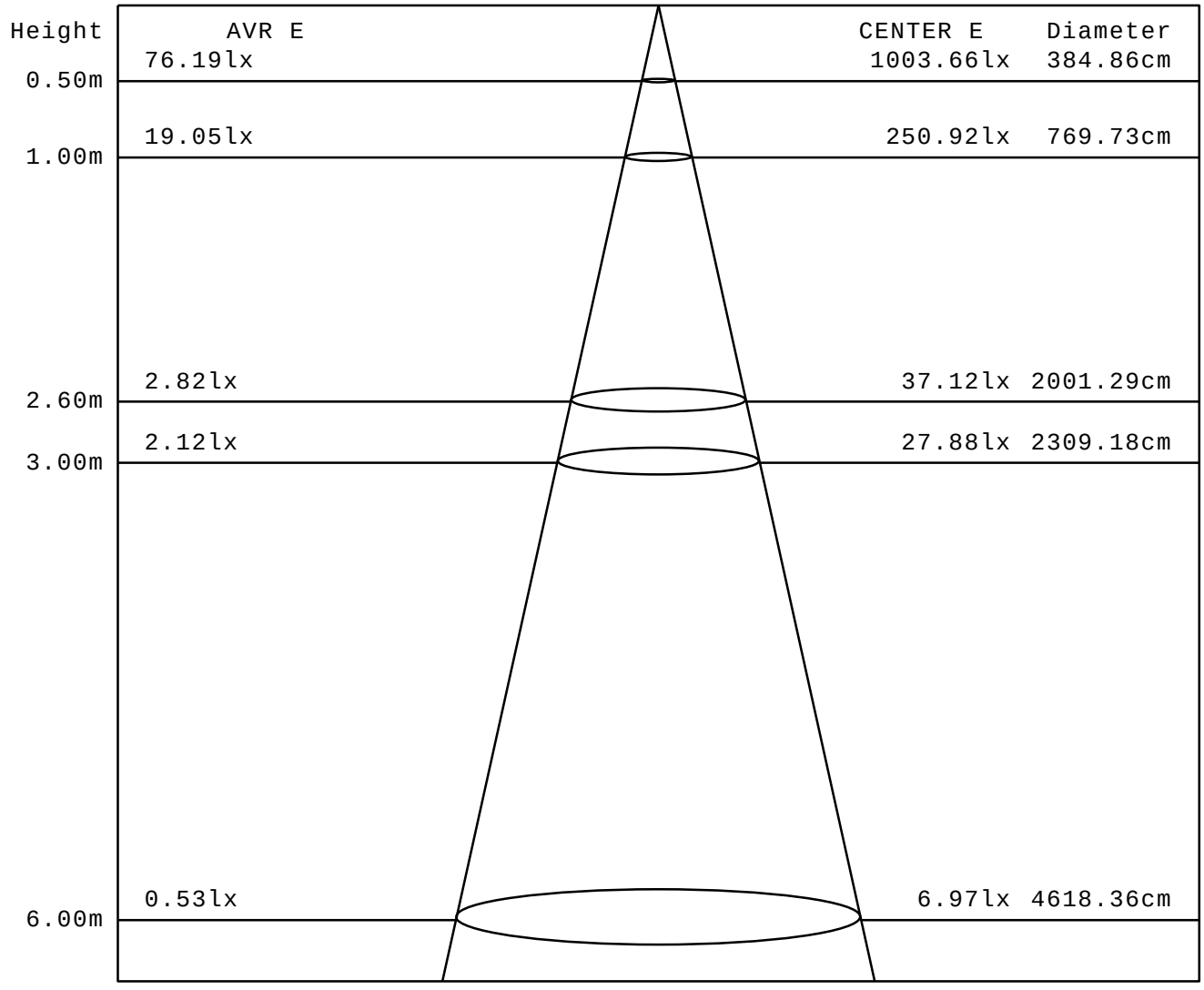

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ISOCANDELA DIAGRAM

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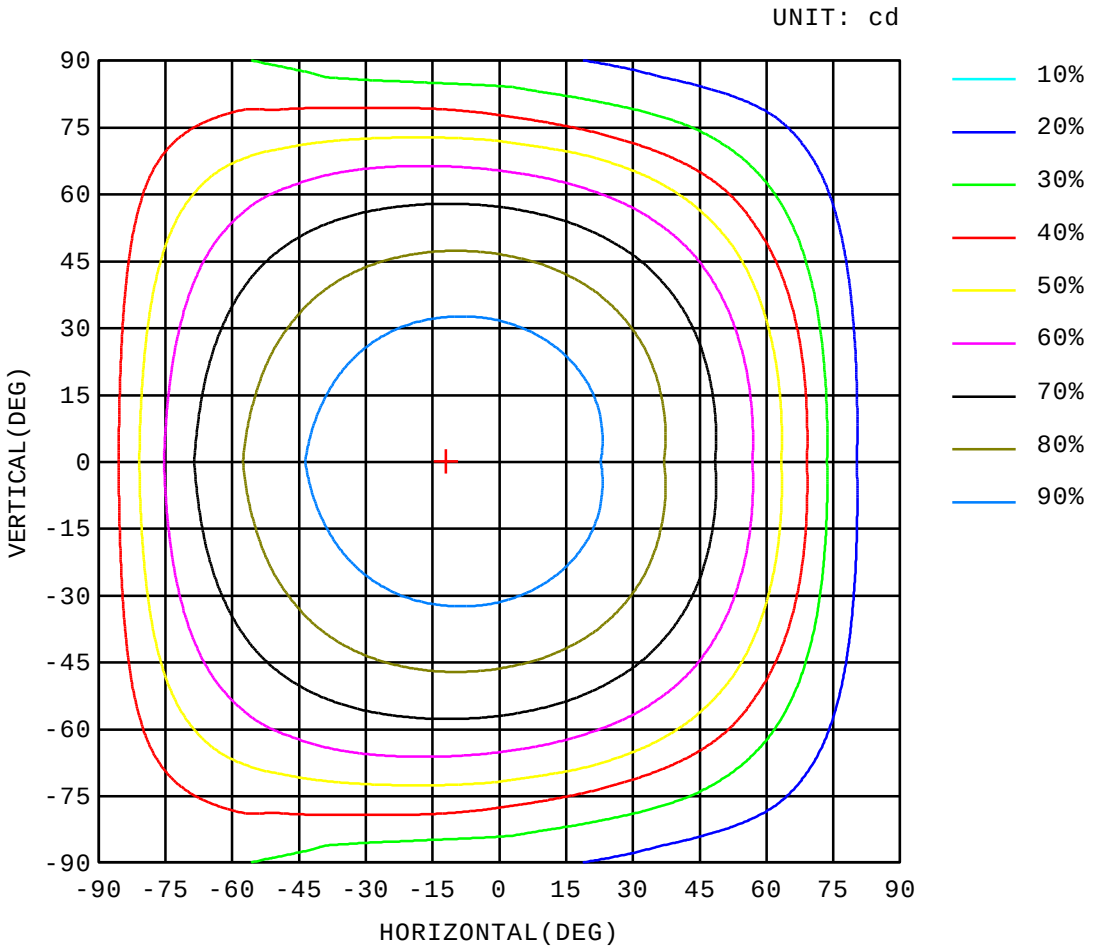

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