

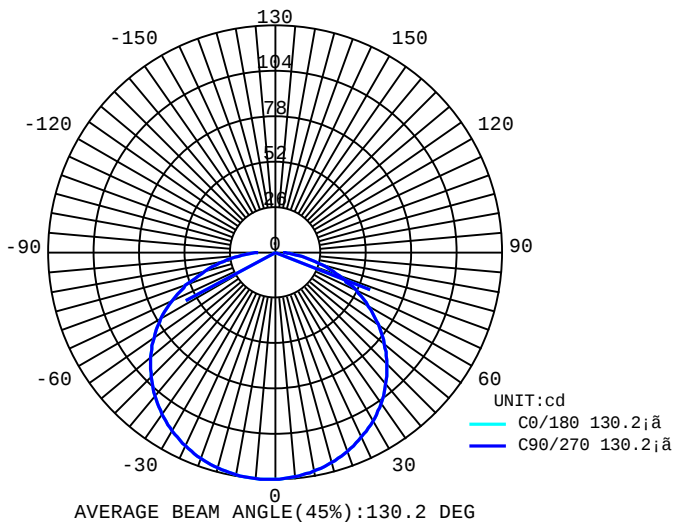
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED CCT STRIP SMD 3528, ADJUSTABLE 2500-6500K 14,4W/m (72W/5m) 24V	SKU: STRIP144-IP21-24V-CCT	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	129.5	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	424.45	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	70.7	Current(A)	0.250
NOMINAL FLUX(lm)	424.5	η up(%)	0.0	Power(W)	6.000
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	420.1	EEL	0.155(A+)

LUMINOUS INTENSITY DISTRIBUTION



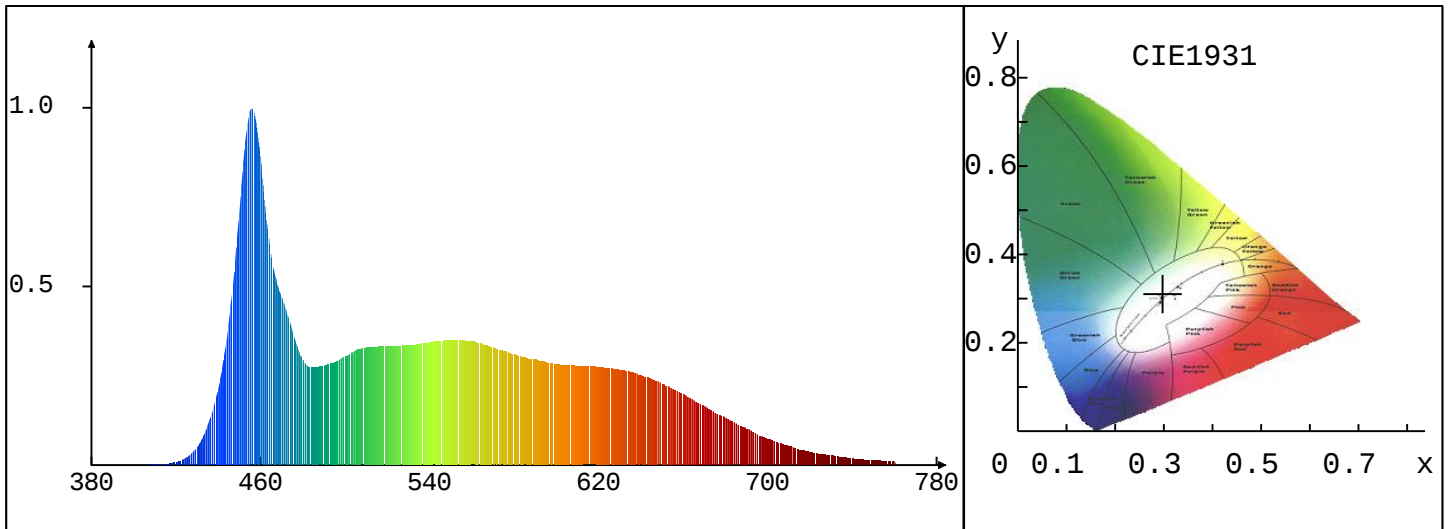
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

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Avg Chro. Para.

CCT: 7719K Chro. Coord.: $x_a=0.2981$ $y_a=0.3075$ $u'_a=0.1957$ $v'_a=0.4541$ $|u'_a v'_a|=0.0001$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.2981$ $y=0.3075$ $u'=0.1957$ $v'=0.4542$ $duv=-0.0002$

CCT: 7718K Dominant Wave: 481.6nm Purity: 14.2% Light Intensity: 235.2cd

Flux RGB Ratio: R=26.8%, G=37.7%, B=35.6% Peak Wave: 454.9nm Half Width: 21.3nm

Rendering Index: Ra= 93.7

R1 =95	R2 =98	R3 =96	R4 =90	R5 =93	R6 =93	R7 =93	R8 =92
R9 =91	R10=97	R11=92	R12=63	R13=99	R14=99	R15=94	

Instrument State

Scan Range: 380nm-780nm Integral Time: 250.0ms Peak Signal: 250000 Dark Signal: 51629

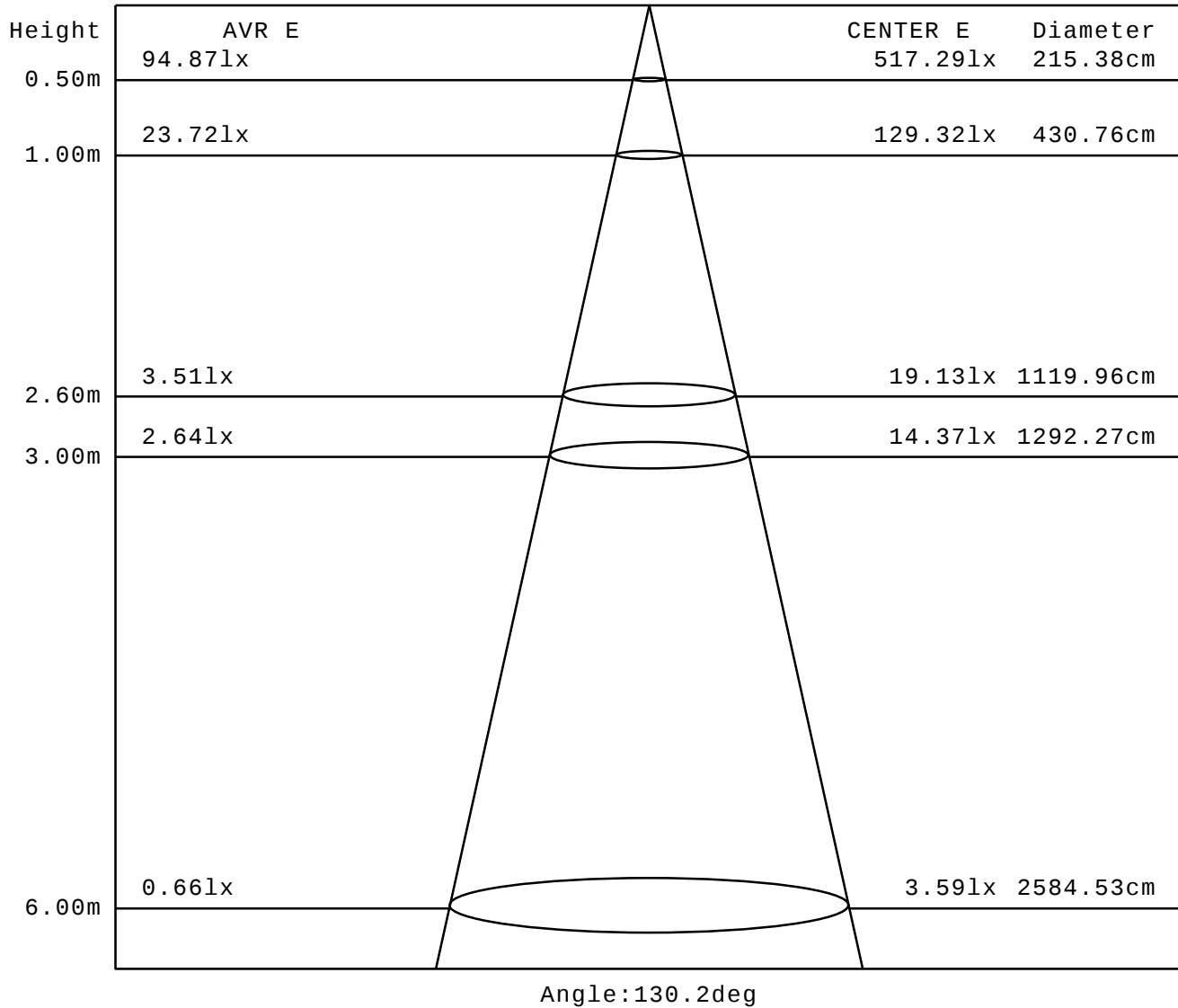
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AVERAGE AND CENTER E Figure

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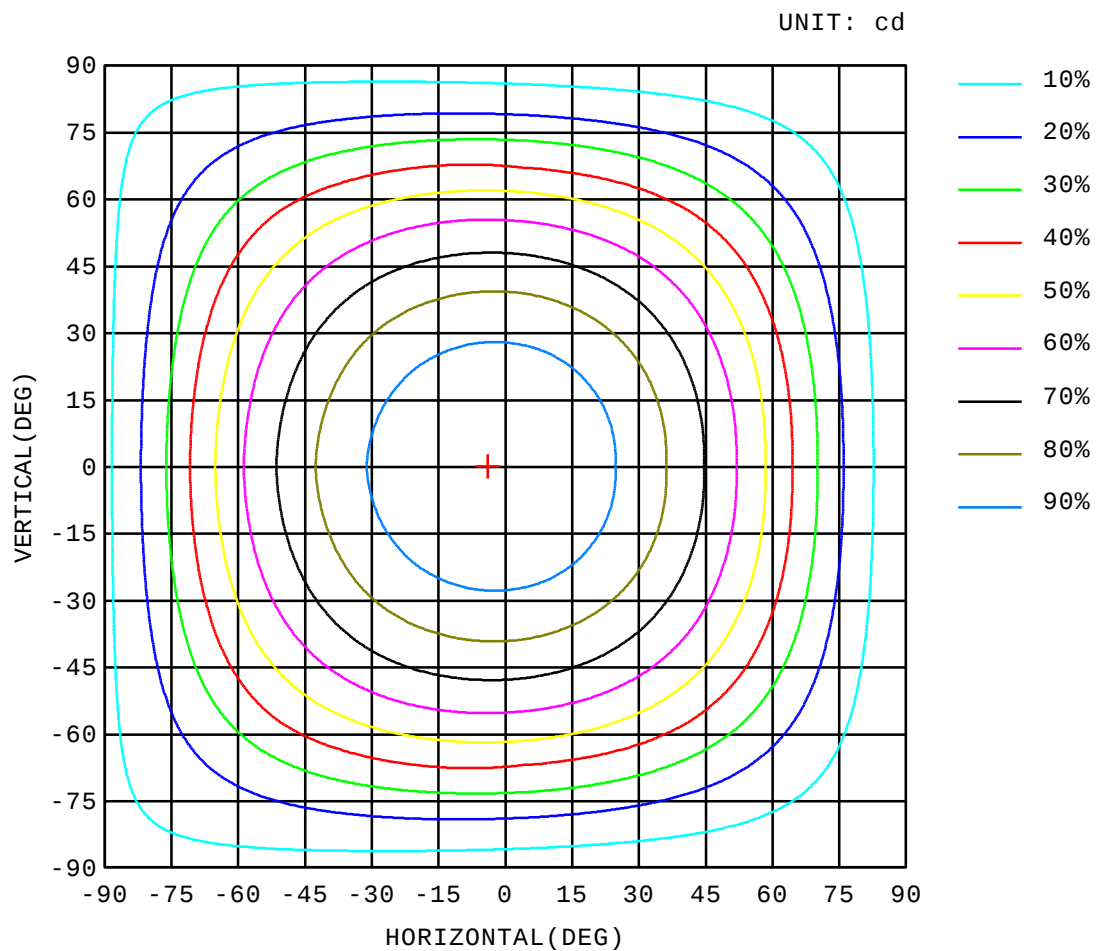
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ISOCANDELA DIAGRAM

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