

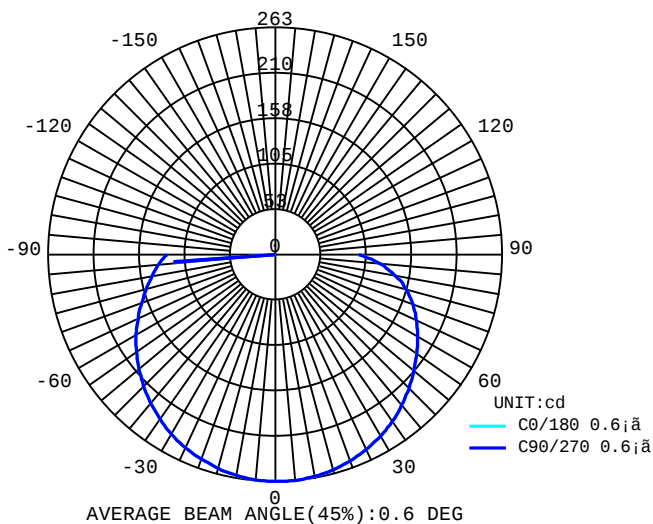
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA www.ledstore.fi		
NAME: LED strip SOLO, 4000K, 24V, 14,4W/m, IP20, CRI96	SKU: STRIP144-24V-IP20-4000-COB	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	262.9	S/MH(C0/180)	1.39
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.39
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1186.2	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	79.7	Current(A)	0.620
NOMINAL FLUX(lm)	1186.2	η up(%)	0.0	Power(W)	14.88
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1186.2	EI	0.168(A+)

LUMINOUS INTENSITY DISTRIBUTION



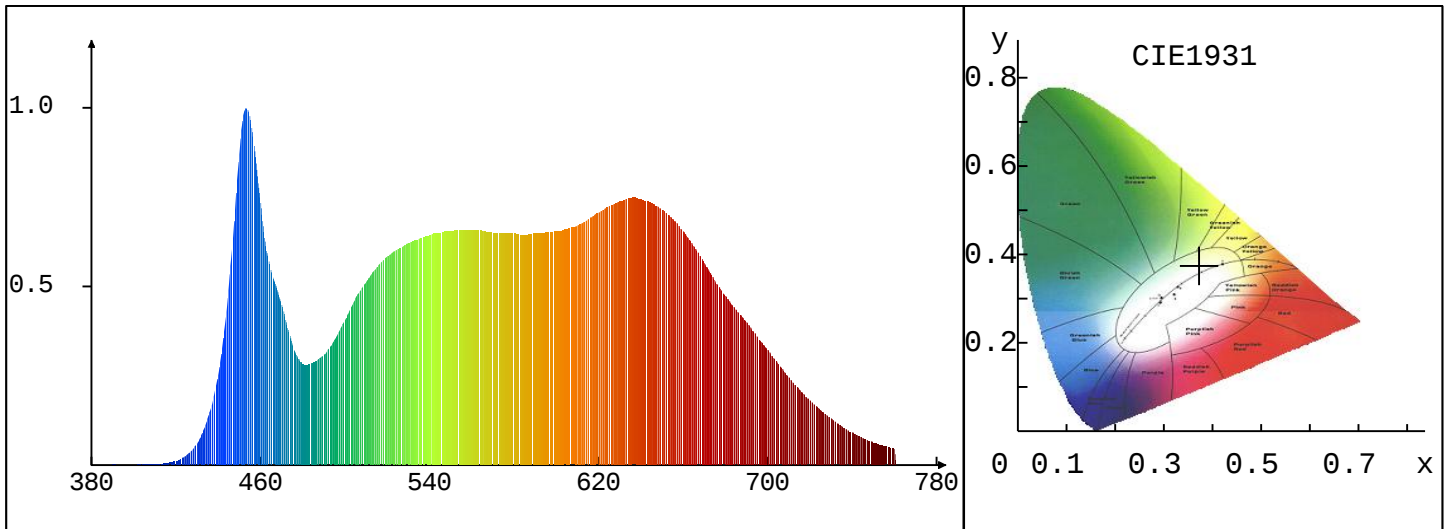
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: 4182K Chro. Coord.: $x_a=0.3726$ $y_a=0.3711$ $u'_a=0.2222$ $v'_a=0.4979$ $|u'_a v'_a|=0.0000$ Current Angle: $C=0.0^\circ$ $G=0.0^\circ$

Chroma Parameters

Chro.Coord.: $x=0.3727$ $y=0.3712$ $u'=0.2222$ $v'=0.4980$ $duv=-0.0003$

CCT: 4181K Dominant Wave: 578.5nm Purity: 23.2% Light Intensity: 501.1cd

Flux RGB Ratio: R=43.3%, G=37.3%, B=19.5% Peak Wave: 452.4nm Half Width: 21.9nm

Rendering Index: Ra= 95.9

R1 =97	R2 =96	R3 =92	R4 =97	R5 =95	R6 =92	R7 =99	R8 =99
R9 =96	R10=89	R11=95	R12=68	R13=97	R14=95	R15=97	

Instrument State

Scan Range: 380nm-780nm Integral Time: 260.0ms Peak Signal: 260000 Dark Signal: 60507

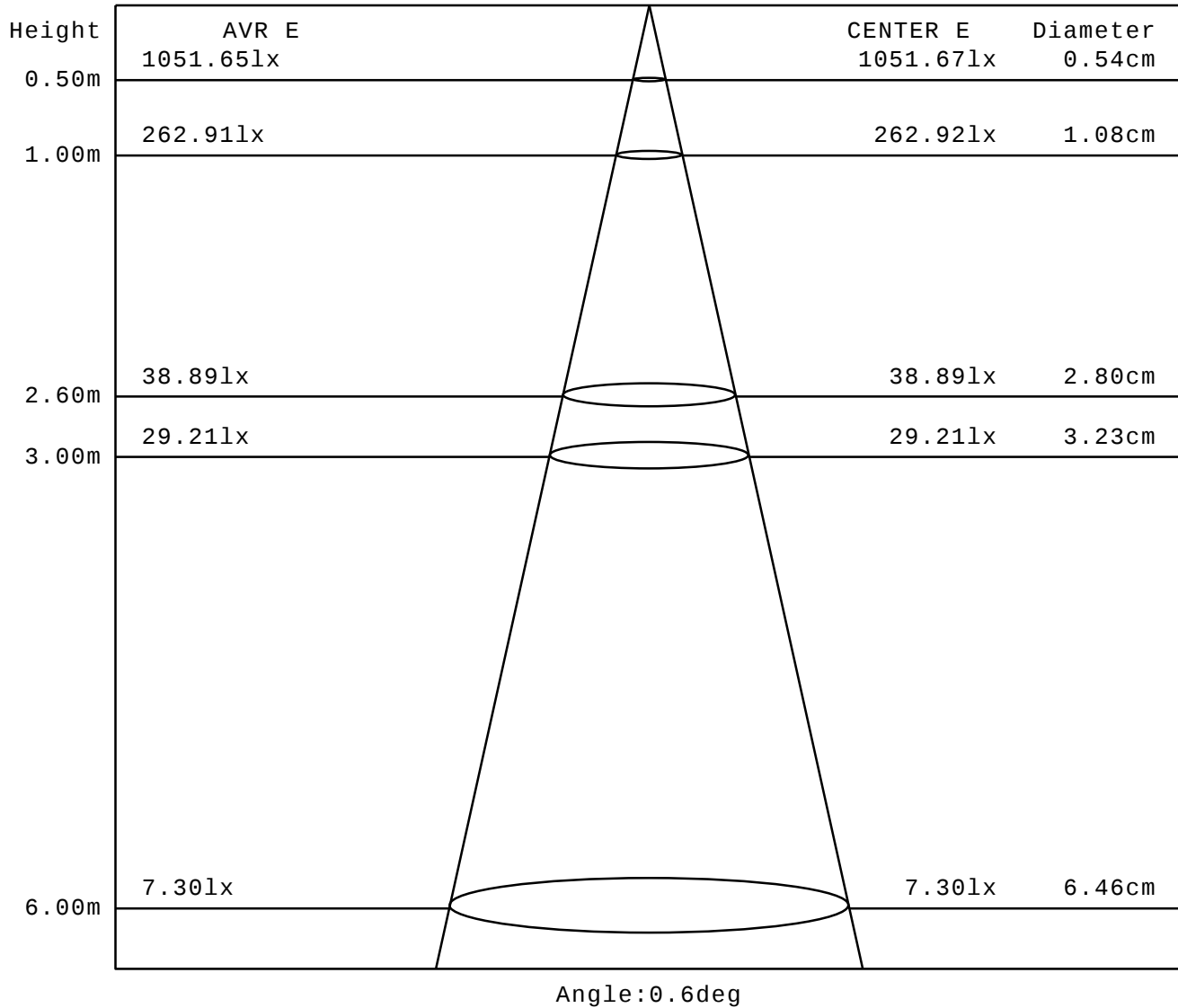
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AVERAGE AND CENTER E Figure

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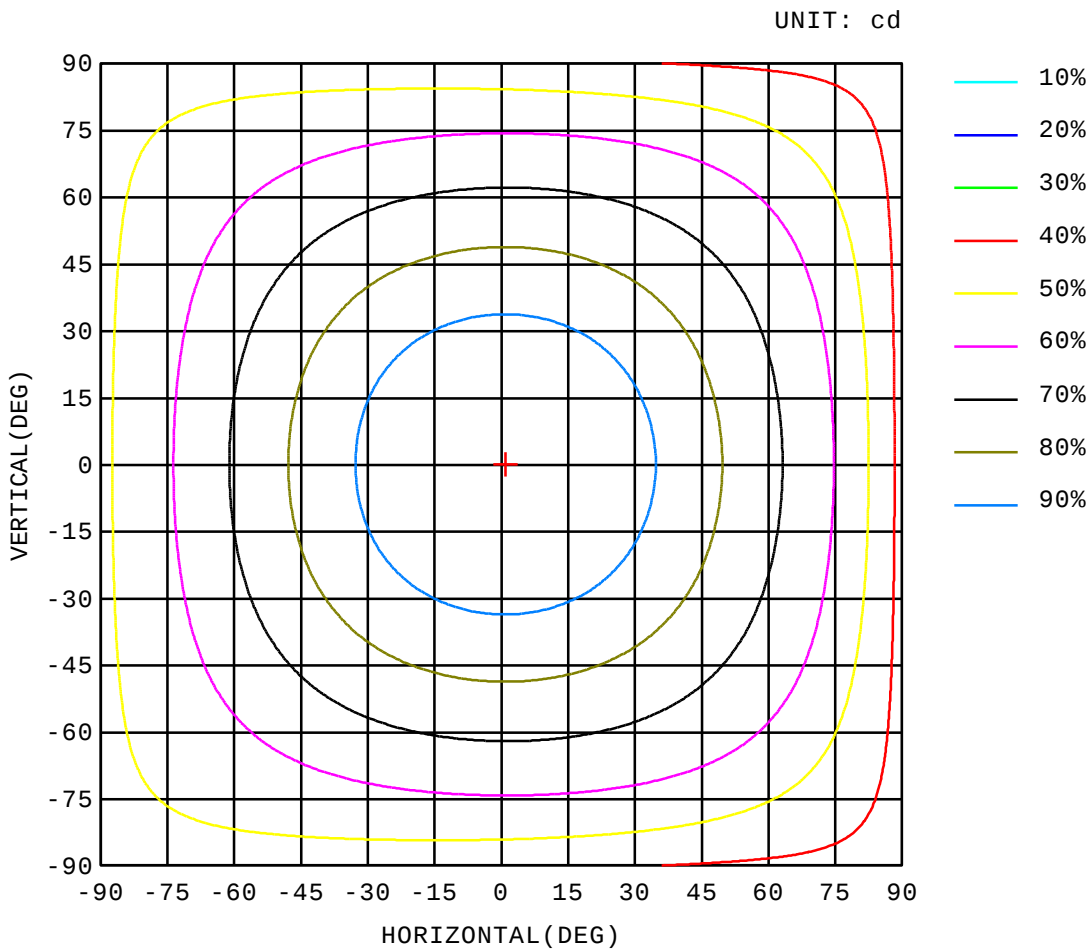
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ISOCANDELA DIAGRAM

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