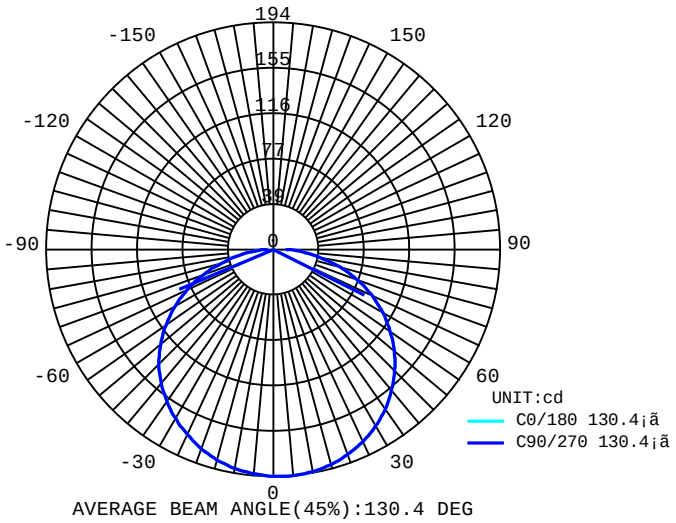
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED strip HELMI, 4000K, 24V, 7,2W/m, IP20, CRI94	SKU: STRIP72-24V-IP20-4000-SMD	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	193.7	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	7.2	TOTAL FLUX(lm)	633.11	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	77.6	Current(A)	0.340
NOMINAL FLUX(lm)	633.1	η up(%)	0.0	Power(W)	8.160
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	626.2	EEI	0.155(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):130.4 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:1.000 m
Remarks:

Spectrum Chart

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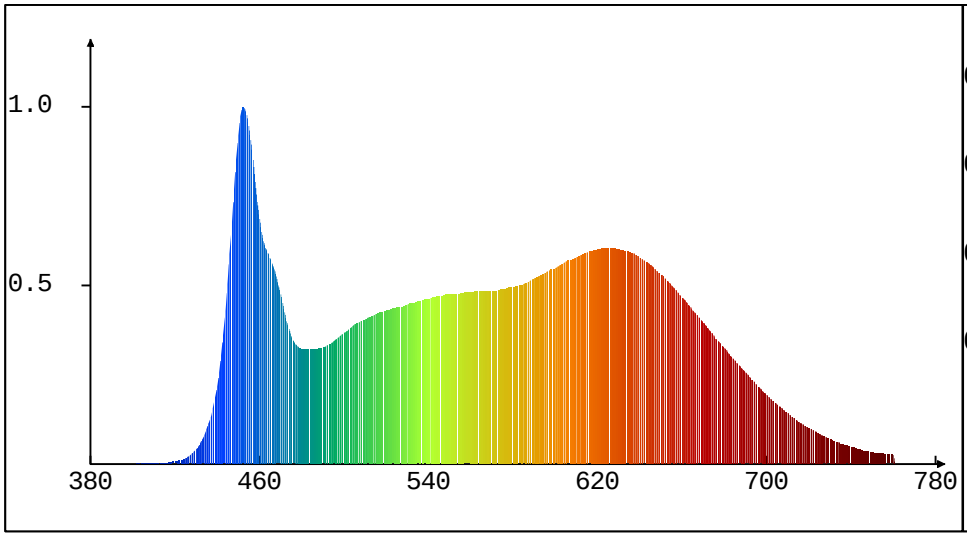

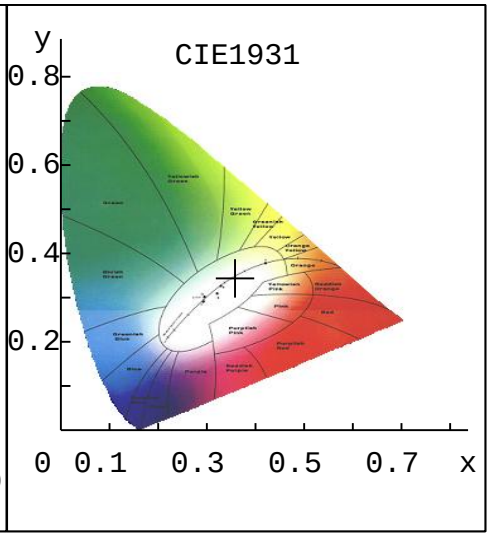

Avg Chro. Para.

CCT: 4414K Chro. Coor.: xa=0.3591 ya=0.3407 u'a=0.2255 v'a=0.4814 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3590 y=0.3407 u'=0.2255 v'=0.4813 duv=-0.0110

CCT: 4415K Dominant Wave: 593.0nm Purity: 9.9% Light Intensity: 364.7cd

Flux RGB Ratio: R=40.1%,G=35.4%,B=24.5% Peak Wave: 451.5nm Half Width: 23.7nm

Rendering Index: Ra= 94.3

R1 =92	R2 =93	R3 =98	R4 =97	R5 =93	R6 =91	R7 =96	R8 =95
R9 =85	R10=90	R11=94	R12=75	R13=91	R14=99	R15=90	

Instrument State

Scan Range: 380nm-780nmIntegral Time: 240.0ms Peak Signal: 240000 Dark Signal: 52772

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AVERAGE AND CENTER E Figure

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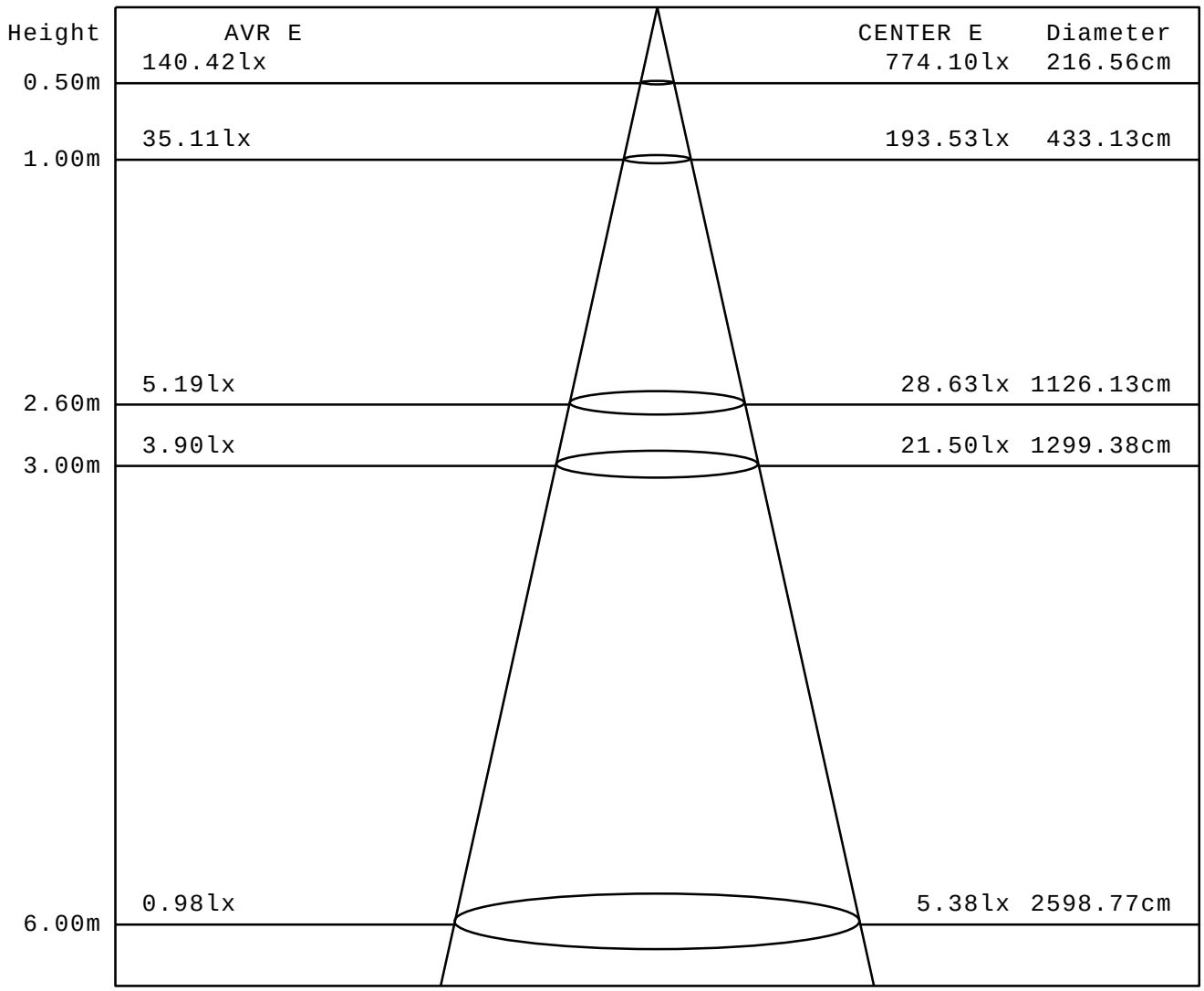

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ISOCANDELA DIAGRAM

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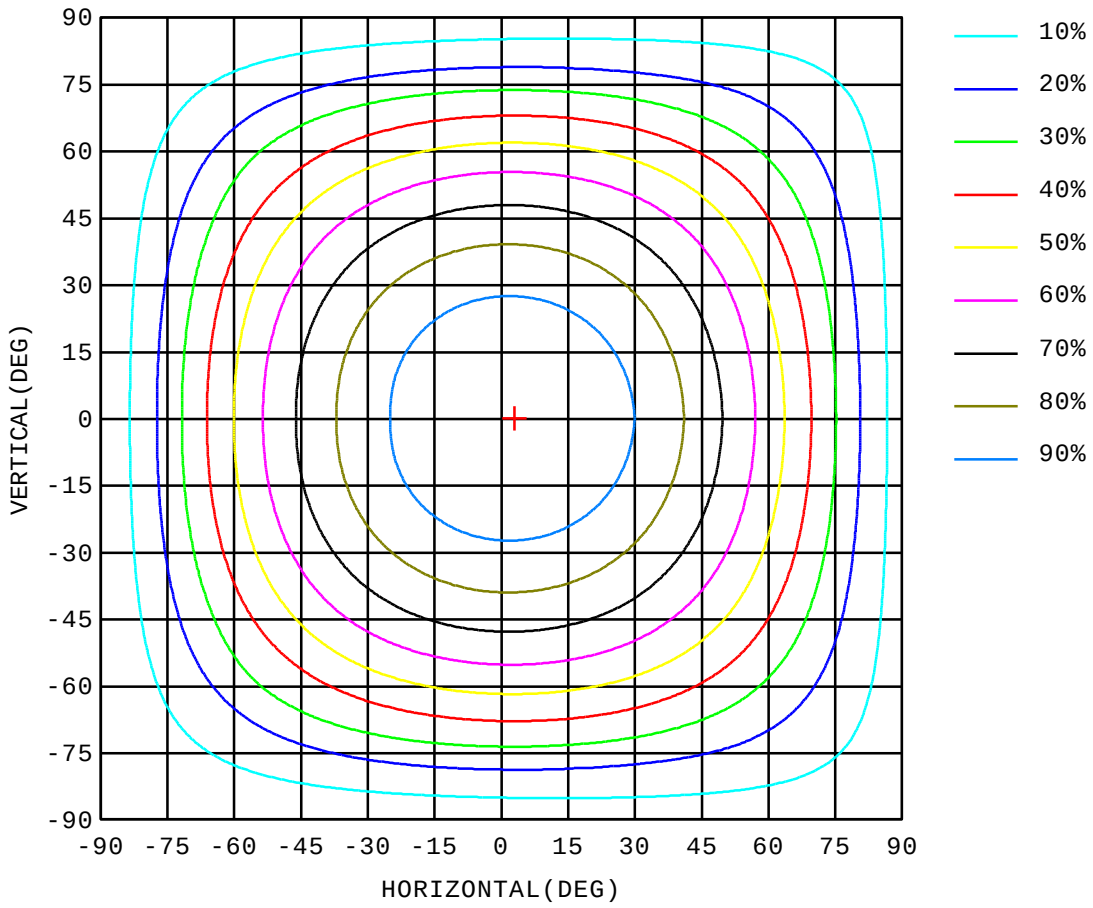
UNIT: cd



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