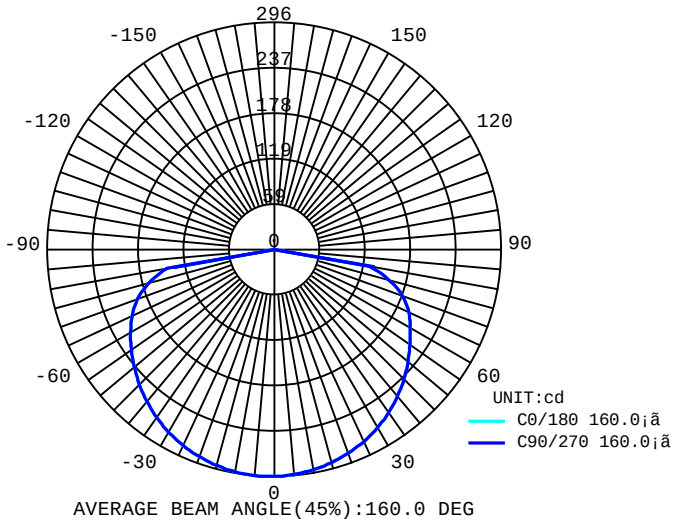
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED nauha SOLO, 4000K, 24V, 14,4W/m, IP65, CRI91	SKU: 1cm-strip-144-24v-IP65-4000-COB	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	296.4	S/MH(C0/180)	1.36
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.36
NOMINAL POWER(W)	14.4	TOTAL FLUX(lm)	1168.2	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	82.5	Current(A)	0.590
NOMINAL FLUX(lm)	1168.2	η up(%)	0.0	Power(W)	14.16
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1168.2	EEI	0.162(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):160.0 DEG

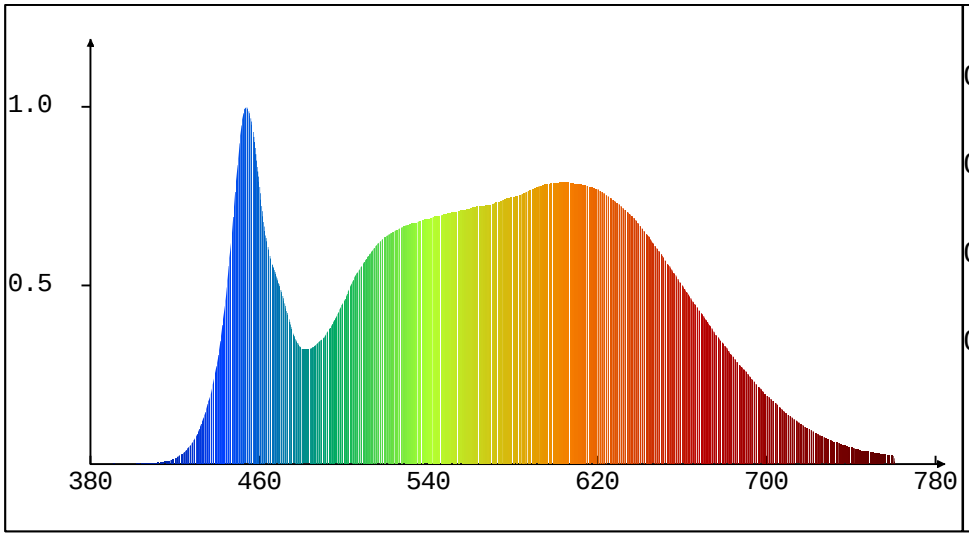
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

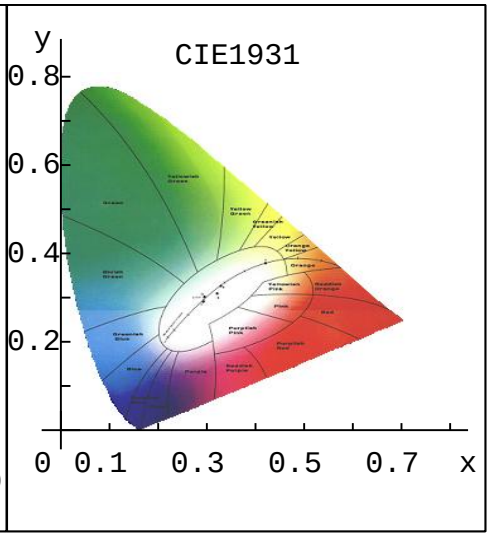
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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Avg Chro. Para.

CCT: 4218K Chro. Coor.: xa=0.3725 ya=0.3759 u'a=0.2202 v'a=0.5000 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3724 y=0.3758 u'=0.2202 v'=0.5000 duv=0.0020

CCT: 4219K Dominant Wave: 577.0nm Purity: 24.6% Light Intensity: 573.6cd

Flux RGB Ratio: R=37.1%,G=41.8%,B=21.1% Peak Wave: 452.6nm Half Width: 24.4nm

Rendering Index: Ra= 91.2

R1 =91	R2 =95	R3 =96	R4 =91	R5 =90	R6 =92	R7 =94	R8 =83
R9 =55	R10=86	R11=91	R12=67	R13=92	R14=98	R15=88	

Instrument State

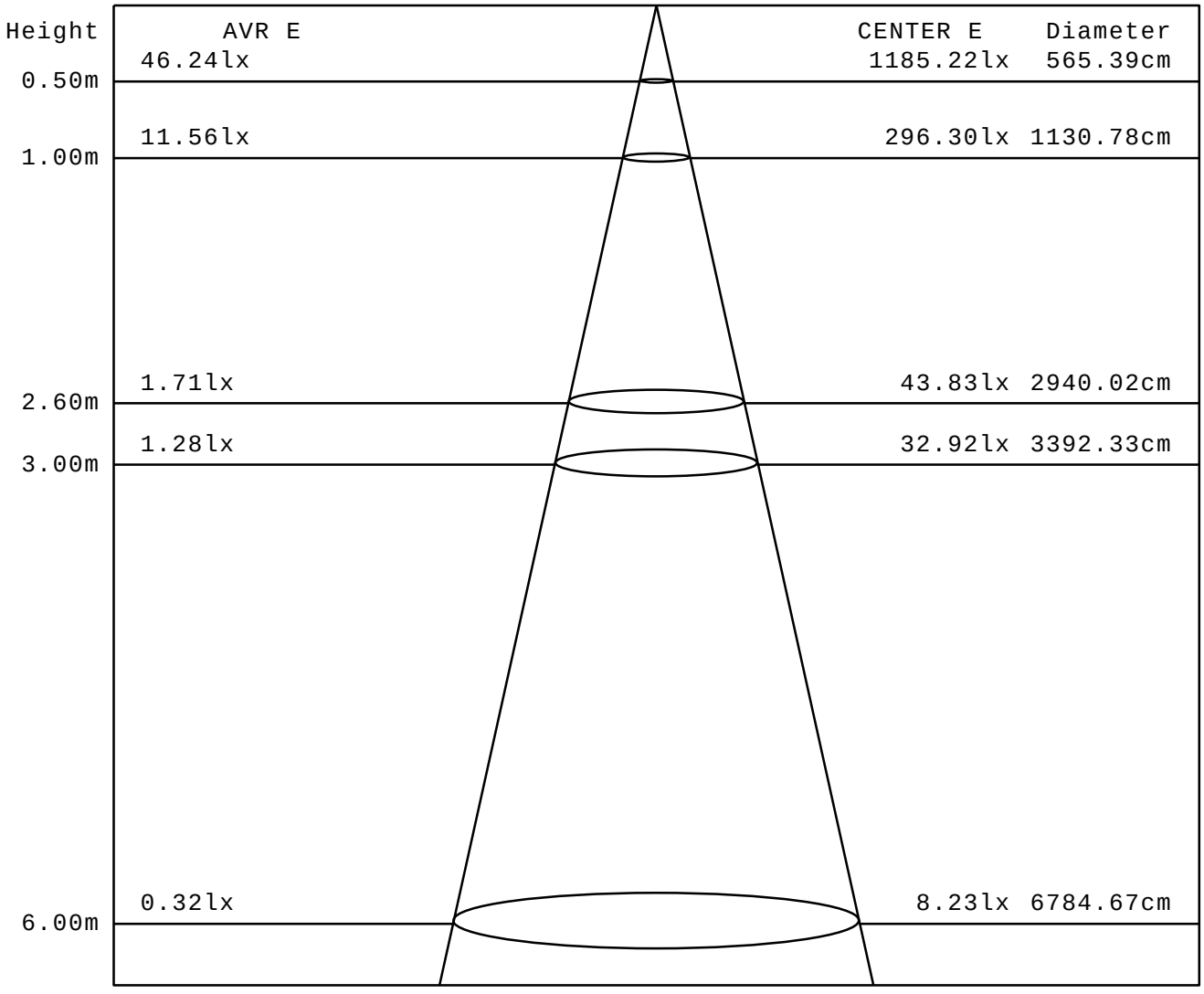
Scan Range: 380nm-780nmIntegral Time: 220.0ms Peak Signal: 220000 Dark Signal: 54008

Test System:HopooColor HP880 Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:1.000 m
Test Date:09-20-2024 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: 1cm LED nauha SOLO, 4000K, 24V, 14,4W/m, IP65, CRI91	SKU: 1cm-strip-144-24v-IP65-4000-COB	TYPE: LED
SPECIFICATION: LED light strip	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:159.9deg

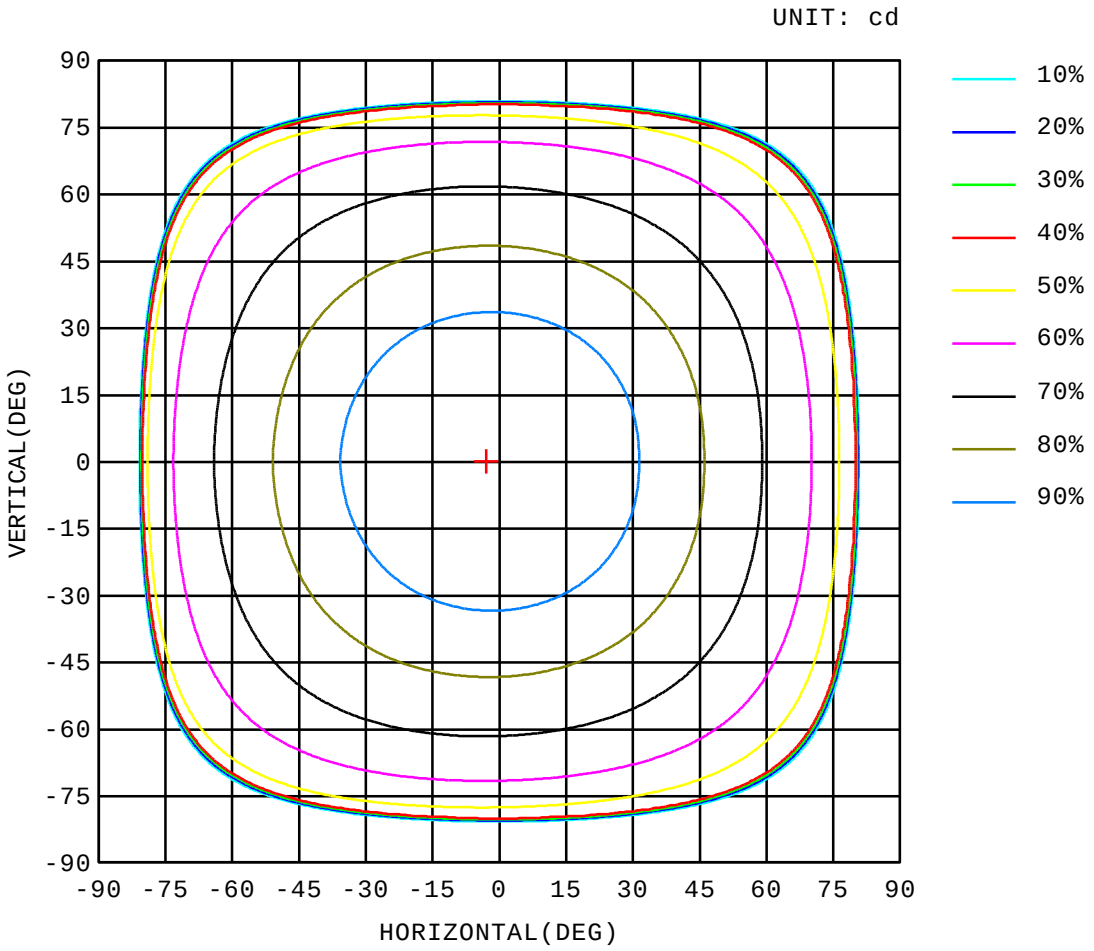
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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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:1.000 m
Remarks: