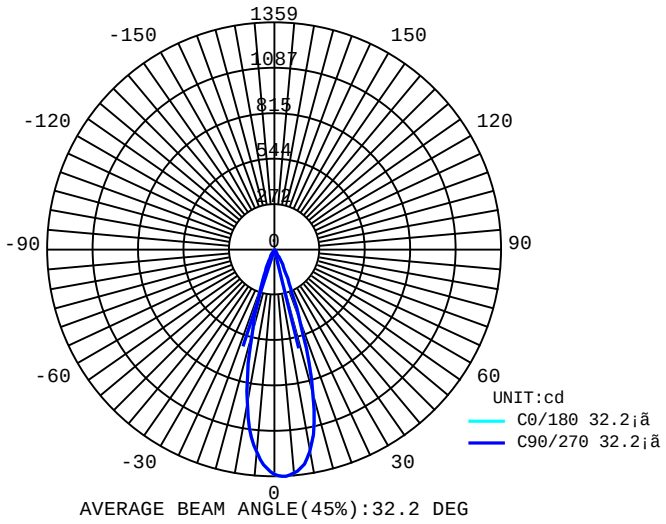
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight — LINJA 2, IP44, dimmable 2x2W, matte white/black, high CRI90, 4000K	SKU: LINJA2-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1359	S/MH(C0/180)	0.53
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.53
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	402.16	Voltage(V)	8.000
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	111.7	Current(A)	0.450
NOMINAL FLUX(lm)	402.2	η up(%)	0.0	Power(W)	3.600
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	8.0	Effictive Flux(lm)	356.2	EEI	0.106(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):32.2 DEG

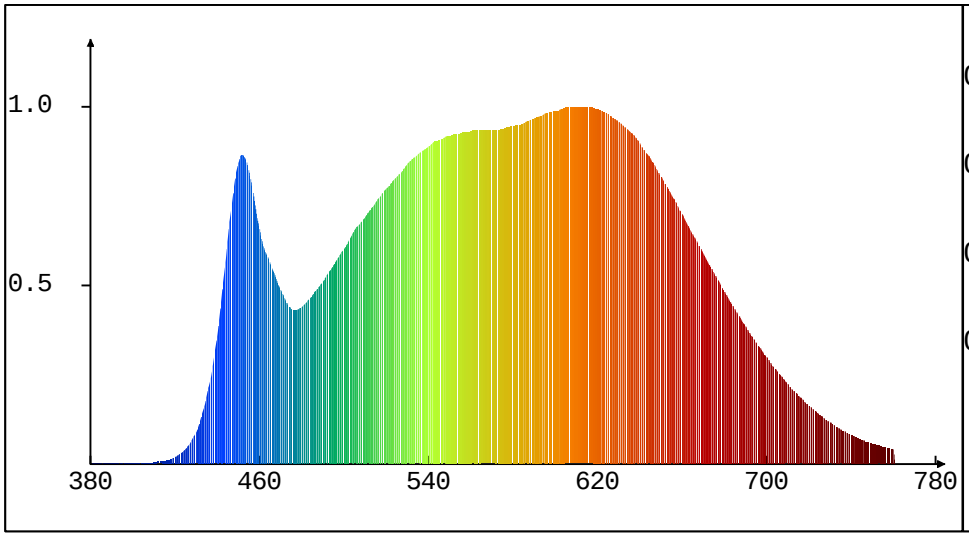
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

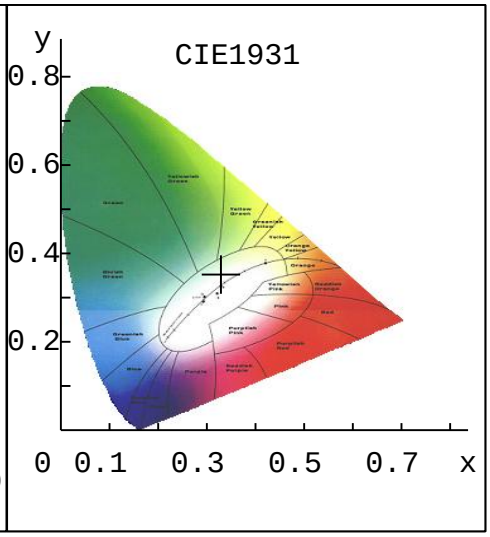
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 3931K Chro. Coor.: xa=0.3893 ya=0.3988 u'a=0.2222 v'a=0.5122 ¦¤u'v'=0.0012

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3875 y=0.3965 u'=0.2220 v'=0.5110 duv=0.0069

CCT: 3956K Dominant Wave: 576.2nm Purity: 35.3% Light Intensity: 3637.5cd

Flux RGB Ratio: R=40.2%,G=41.7%,B=18.2% Peak Wave: 604.9nm Half Width: 190.2nm

Rendering Index: Ra= 90.3

R1 =89	R2 =93	R3 =96	R4 =90	R5 =88	R6 =90	R7 =95	R8 =82
R9 =53	R10=82	R11=89	R12=68	R13=90	R14=97	R15=85	

Instrument State

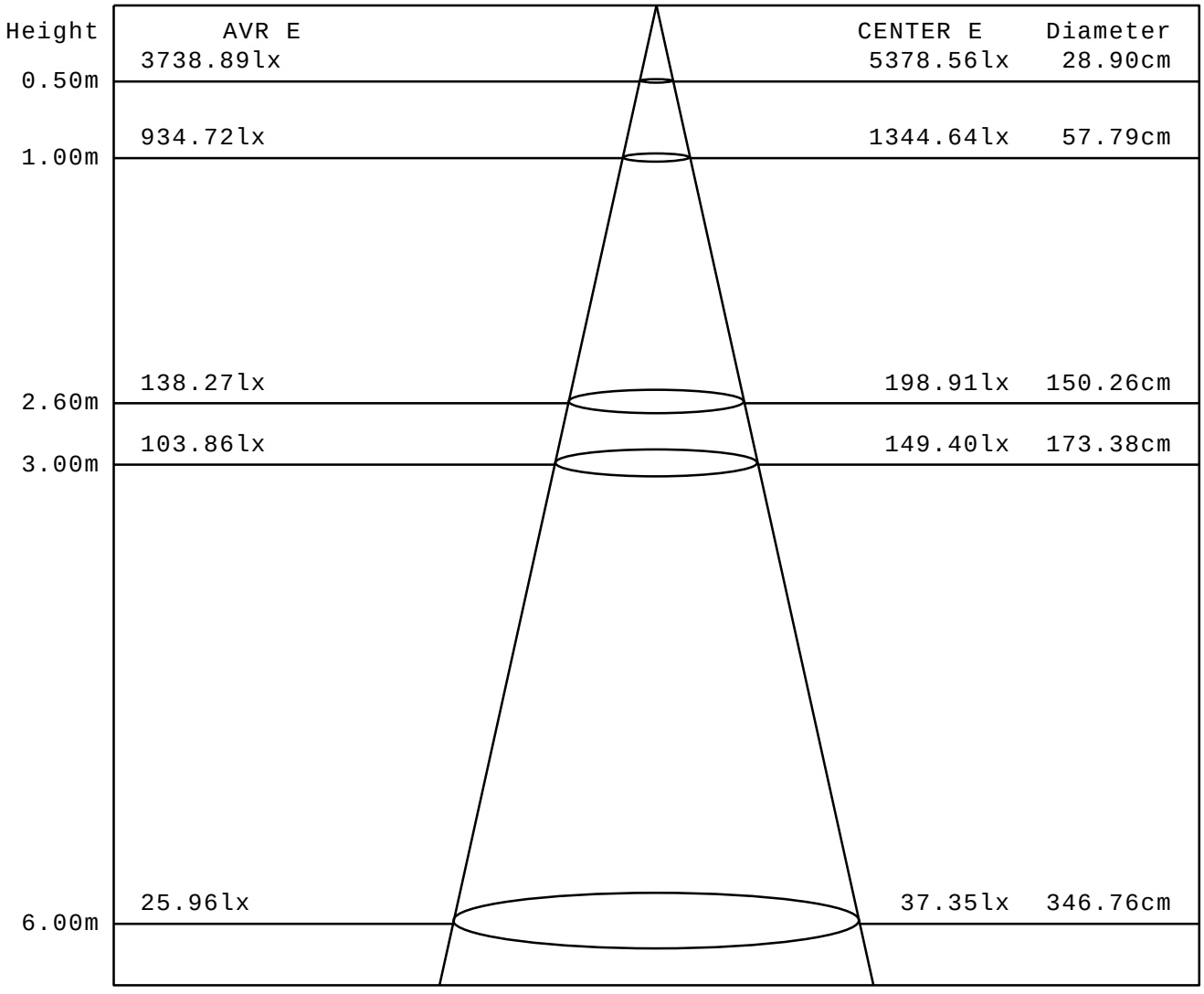
Scan Range: 380nm-780nmIntegral Time: 44.0ms Peak Signal: 44000 Dark Signal: 55411

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: LED downlight — LINJA 2, IP44, dimmable 2x2W, matte white/black, high CRI90, 4000K	SKU: LINJA2-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:32.2deg

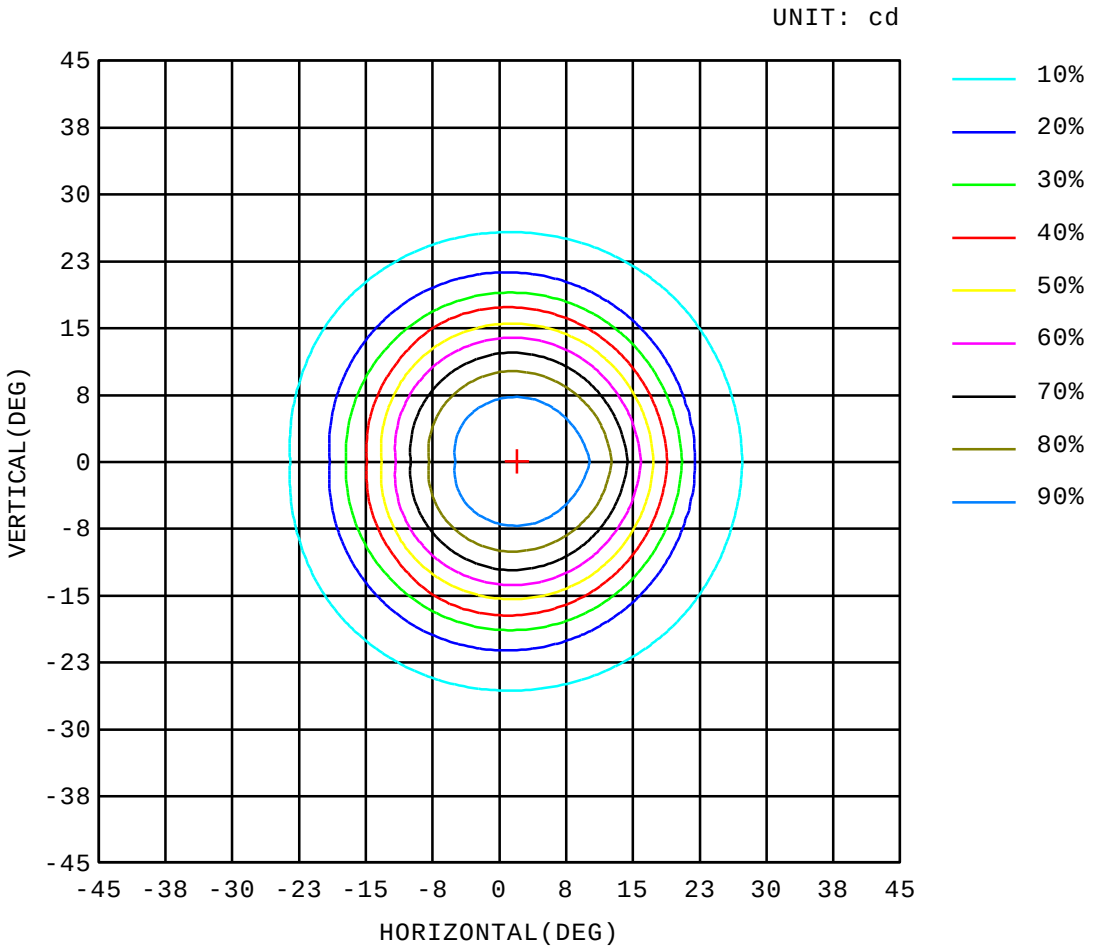
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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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SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



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: