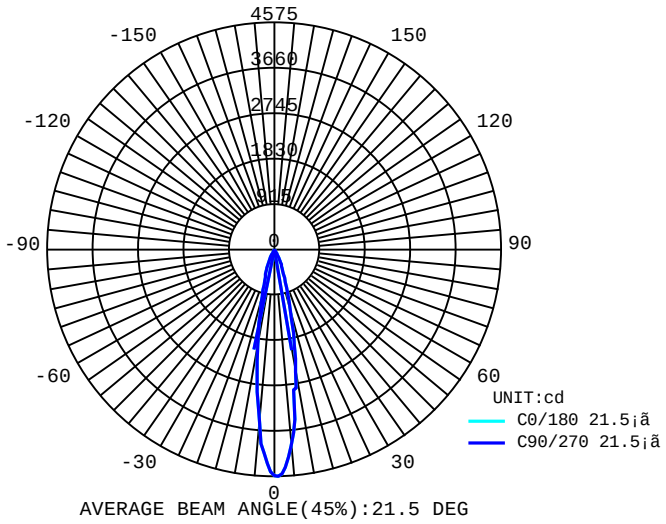
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight — LINJA 5, IP44, dimmable 5x2W, matte white/black, high CRI91, 4000K	SKU: LINJA5-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	4575	S/MH(C0/180)	0.37
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.37
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	830.59	Voltage(V)	20.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	83.1	Current(A)	0.500
NOMINAL FLUX(lm)	830.6	η up(%)	0.0	Power(W)	10.00
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	20.0	Effictive Flux(lm)	659.3	EEI	0.182(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):21.5 DEG

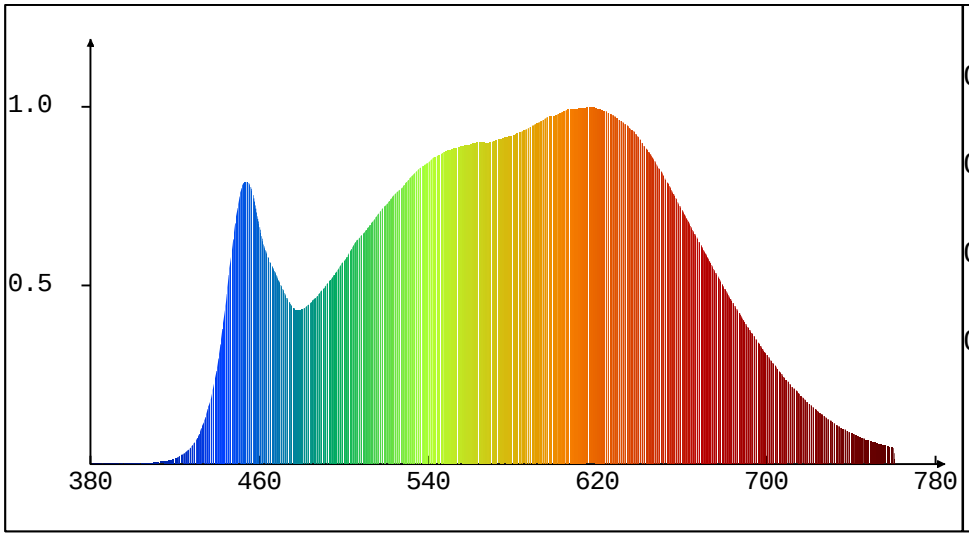
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

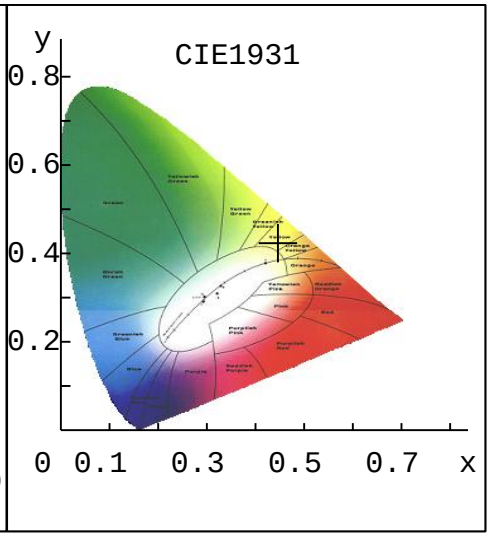
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 3794K Chro. Coor.: xa=0.3958 ya=0.4008 u'a=0.2256 v'a=0.5140 ¦¤u'v'=0.0011

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3941 y=0.3989 u'=0.2252 v'=0.5130 duv=0.0063

CCT: 3818K Dominant Wave: 577.1nm Purity: 38.0% Light Intensity: 12823.1cd

Flux RGB Ratio: R=41.7%,G=41.0%,B=17.3% Peak Wave: 616.8nm Half Width: 188.4nm

Rendering Index: Ra= 91.1

R1 =90	R2 =94	R3 =97	R4 =90	R5 =89	R6 =92	R7 =94	R8 =83
R9 =57	R10=85	R11=89	R12=69	R13=91	R14=98	R15=87	

Instrument State

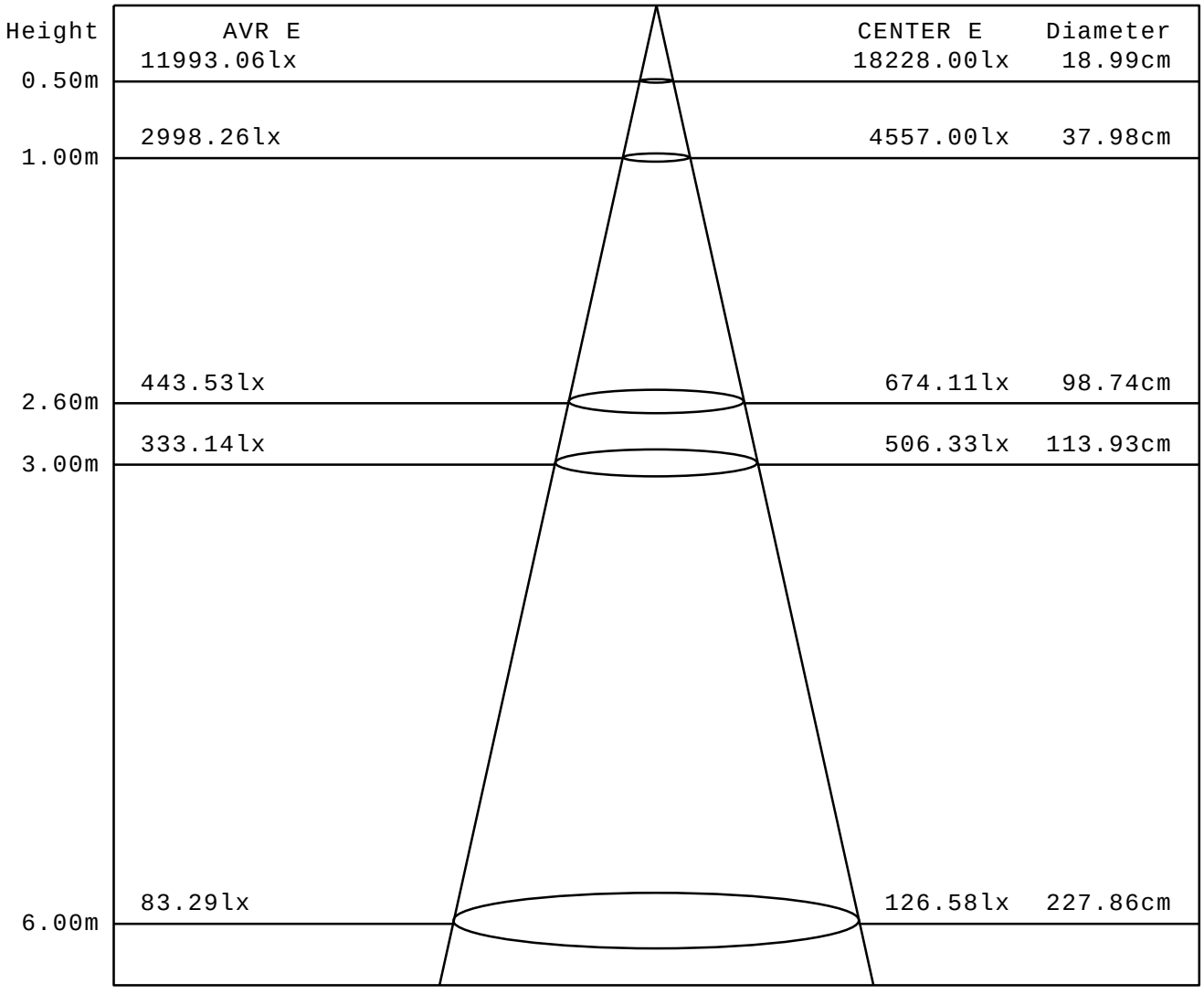
Scan Range: 380nm-780nmIntegral Time: 12.0ms Peak Signal: 12000 Dark Signal: 53016

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 5, IP44, dimmable 5x2W, matte white/black, high CRI91, 4000K	SKU: LINJA5-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:21.5deg

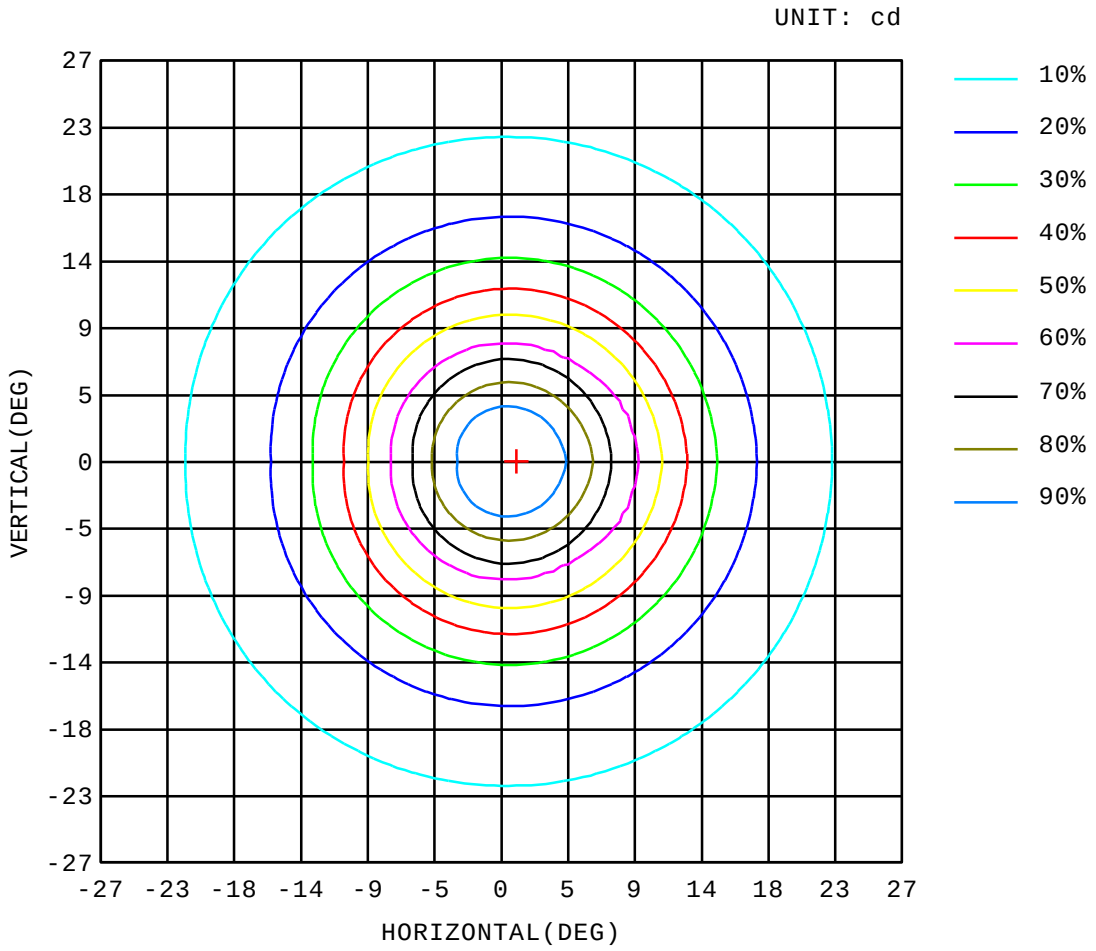
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: