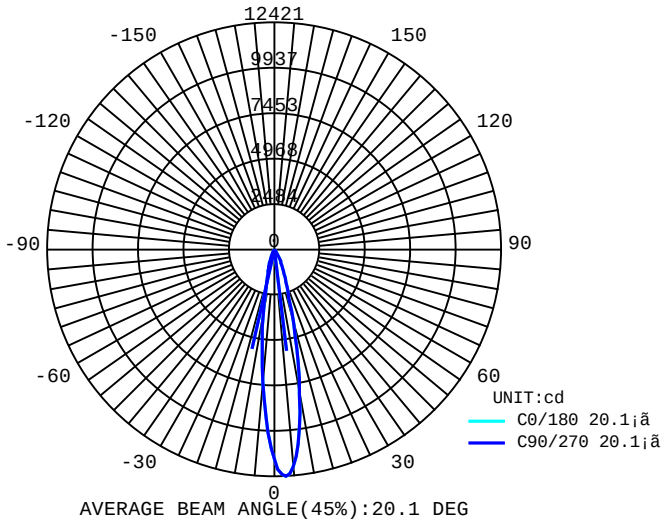
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight — LINJA 10, IP44, dimmable 10x2W, matte white/black, high CRI92, 4000K	SKU: LINJA10-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	12421	S/MH(C0/180)	0.42
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.42
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	2110.4	Voltage(V)	36.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	100.2	Current(A)	0.585
NOMINAL FLUX(lm)	2110.5	η up(%)	0.0	Power(W)	21.05
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	36.0	Effictive Flux(lm)	1644.1	EEI	0.174(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):20.1 DEG

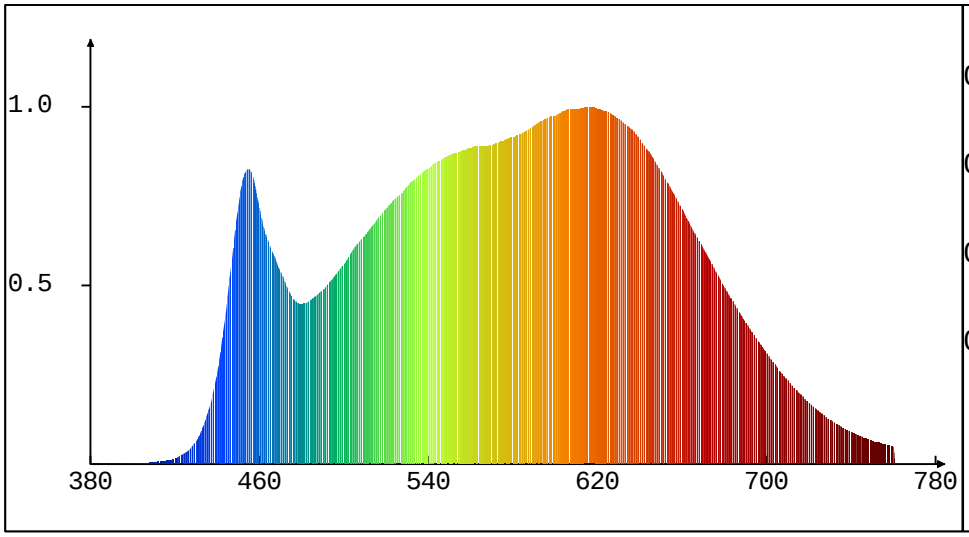
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

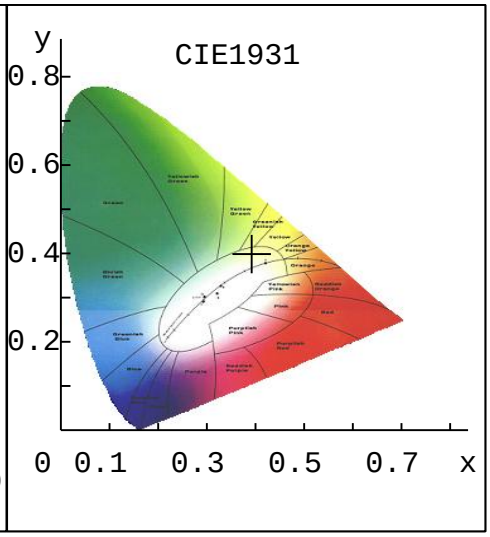
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 3801K Chro. Coor.: xa=0.3940 ya=0.3963 u'a=0.2262 v'a=0.5119 ¦¤u'v'=0.0005

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3932 y=0.3955 u'=0.2260 v'=0.5114 duv=0.0050

CCT: 3812K Dominant Wave: 577.6nm Purity: 36.7% Light Intensity: 19364.2cd

Flux RGB Ratio: R=41.9%,G=40.4%,B=17.7% Peak Wave: 613.8nm Half Width: 188.0nm

Rendering Index: Ra= 91.7

R1 =91	R2 =95	R3 =98	R4 =90	R5 =90	R6 =93	R7 =94	R8 =84
R9 =59	R10=87	R11=90	R12=70	R13=92	R14=98	R15=88	

Instrument State

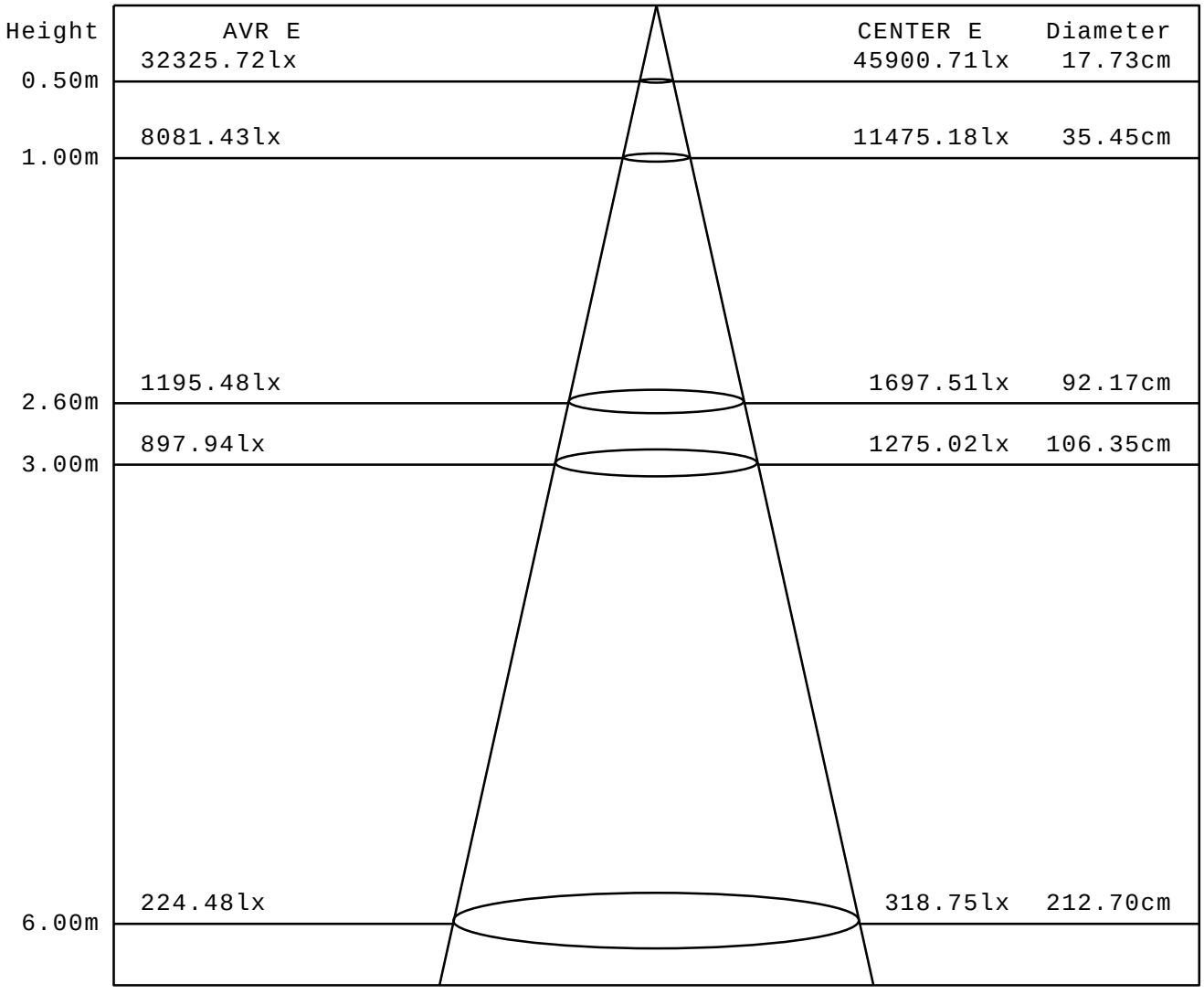
Scan Range: 380nm-780nmIntegral Time: 24.0ms Peak Signal: 7000 Dark Signal: 46774

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 10, IP44, dimmable 10x2W, matte white/black, high CRI92, 4000K	SKU: LINJA10-4000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:20.1deg

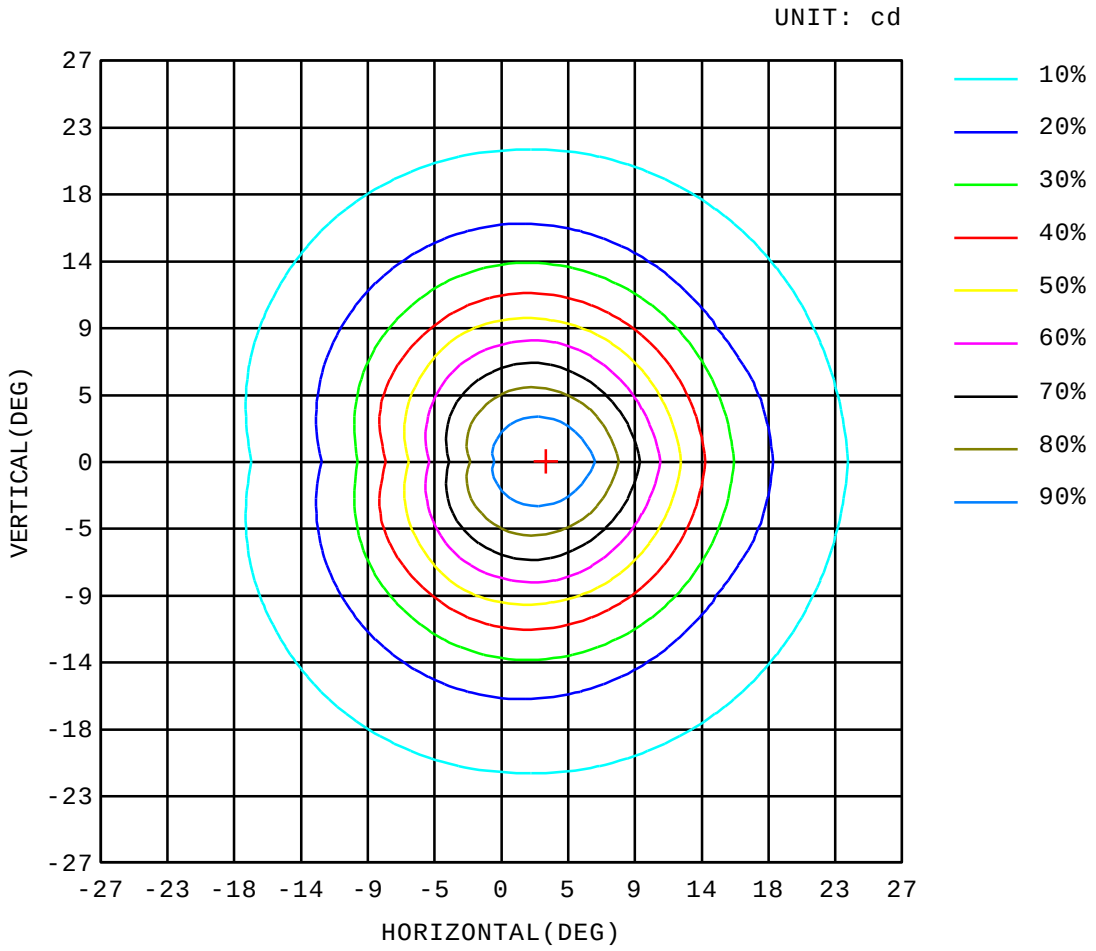
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: