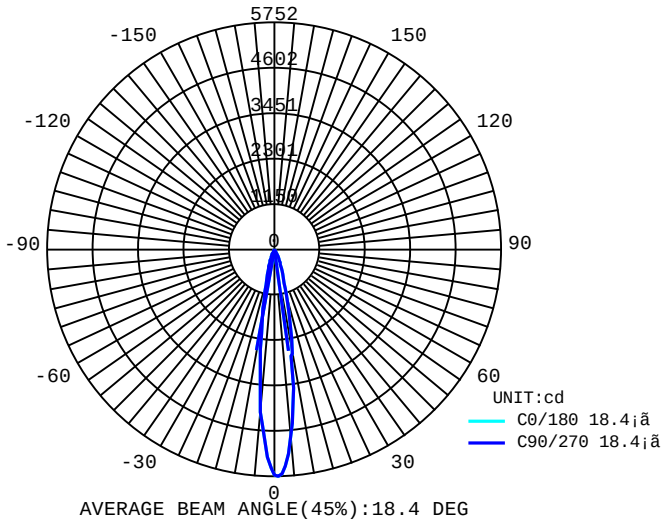
LUMINAIRE PHOTOMETRIC TEST REPORT

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 CRI90, 3000K	SKU: LINJA5-3000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	5752	S/MH(C0/180)	0.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.31
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	806.95	Voltage(V)	20.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	80.7	Current(A)	0.500
NOMINAL FLUX(lm)	807.0	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)	613.7	EEI	0.193(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):18.4 DEG

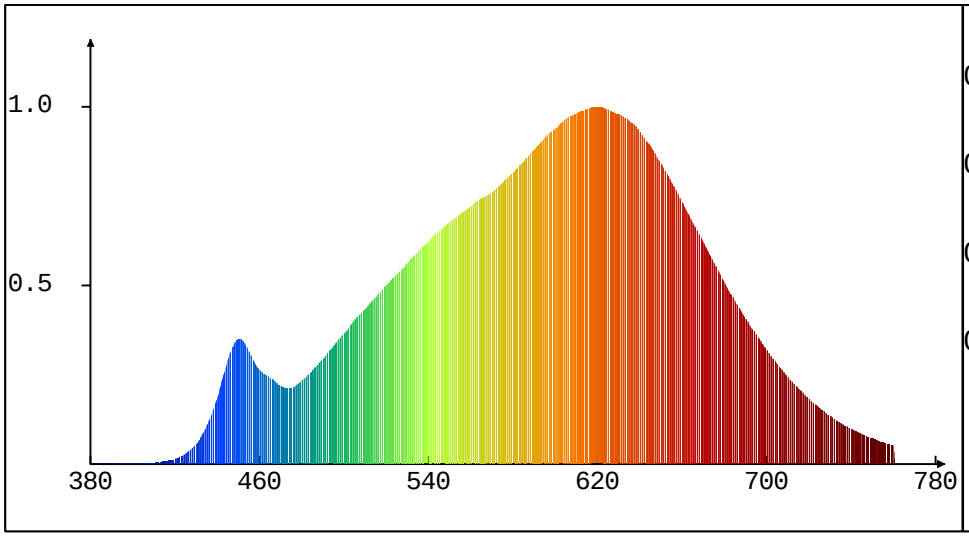
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

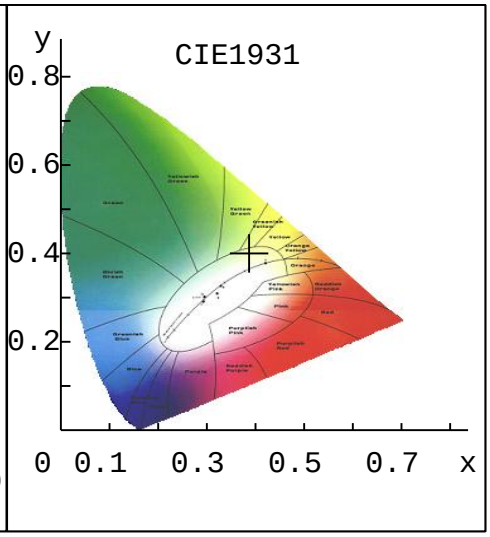
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 2970K Chro. Coor.: xa=0.4471 ya=0.4212 u'a=0.2498 v'a=0.5294 ¦¤u'v'=0.0006

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4461 y=0.4200 u'=0.2496 v'=0.5288 duv=0.0050

CCT: 2977K Dominant Wave: 581.3nm Purity: 60.0% Light Intensity: 13705.8cd

Flux RGB Ratio: R=50.5%,G=38.7%,B=10.8% Peak Wave: 619.8nm Half Width: 161.2nm

Rendering Index: Ra= 90.1

R1 =89	R2 =93	R3 =96	R4 =90	R5 =89	R6 =92	R7 =93	R8 =79
R9 =50	R10=83	R11=90	R12=76	R13=90	R14=97	R15=84	

Instrument State

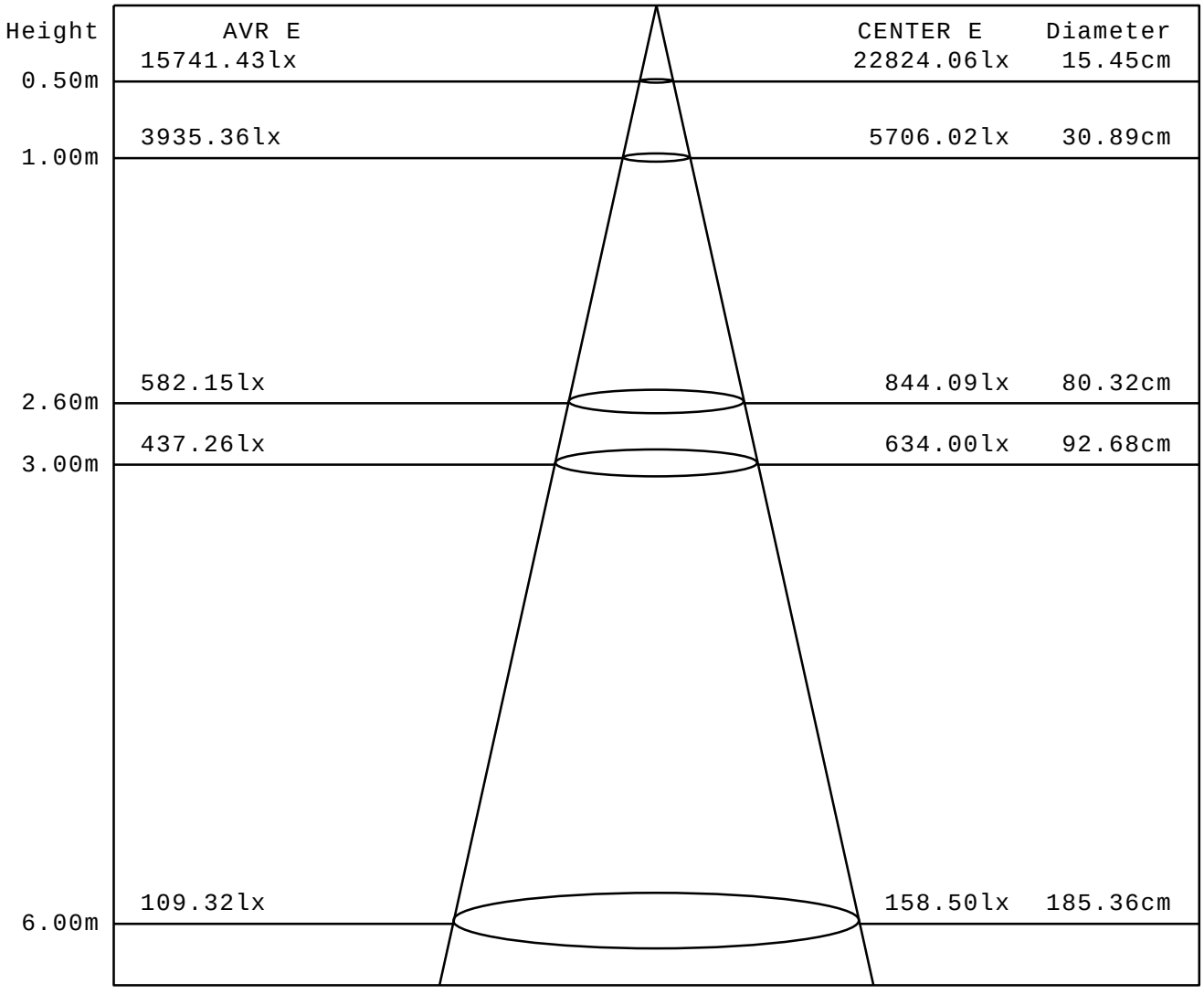
Scan Range: 380nm-780nmIntegral Time: 10.0ms Peak Signal: 10000 Dark Signal: 52743

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 CRI90, 3000K	SKU: LINJA5-3000	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:17.6deg

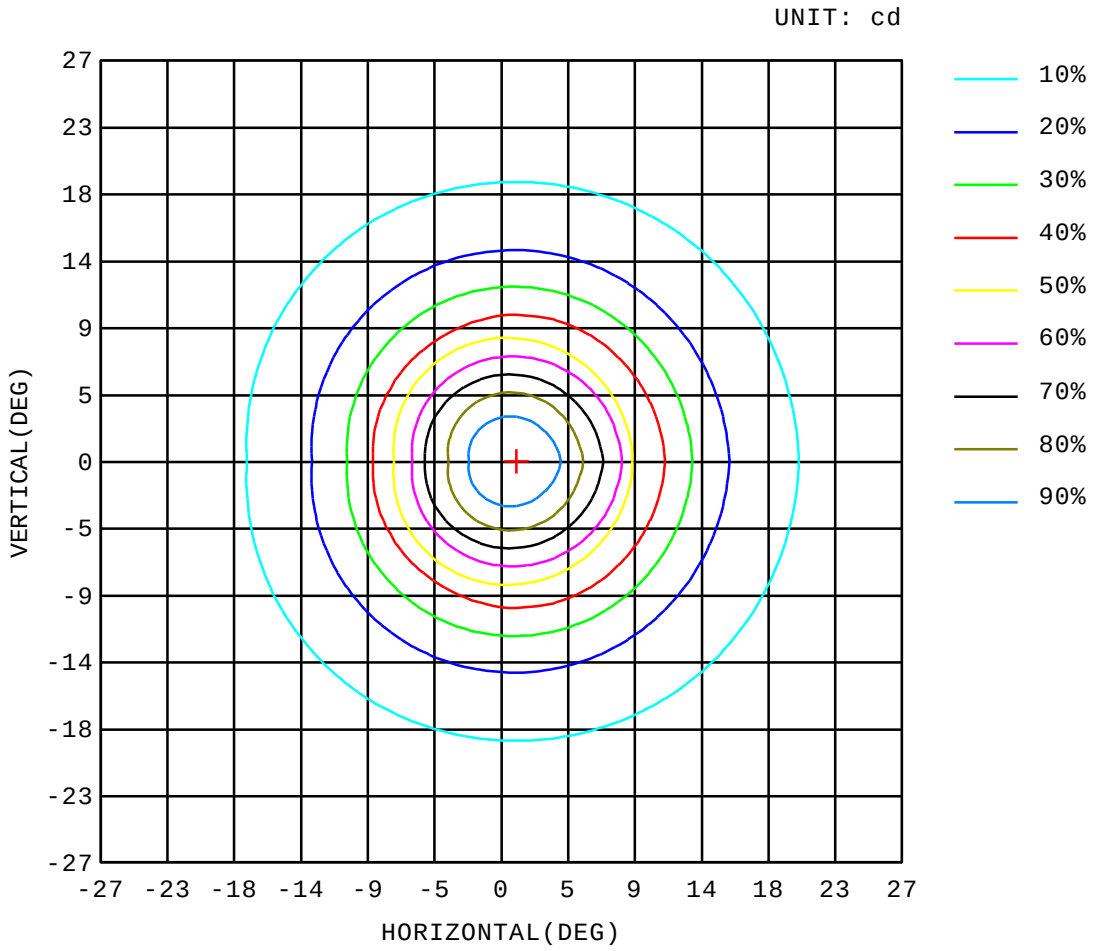
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: