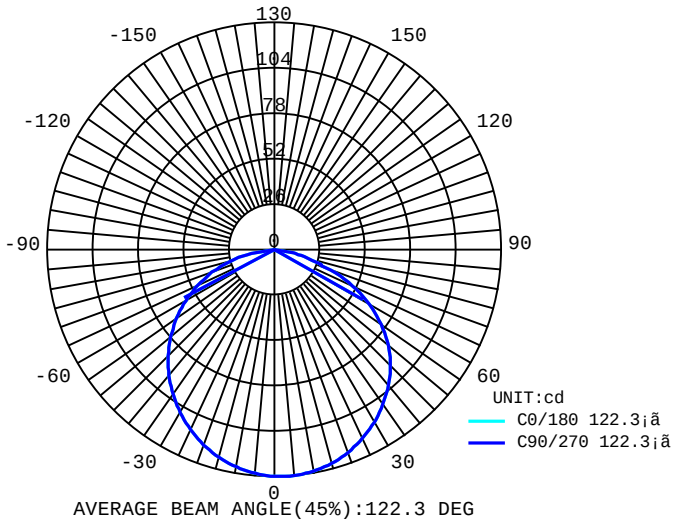
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO, 3W, 3000K, 12V, dimmable, CRI96	SKU: LUMO-W-3000-12V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	130.0	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	373.83	Voltage(V)	12.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	121.2	Current(A)	0.257
NOMINAL FLUX(lm)	373.8	η up(%)	0.0	Power(W)	3.084
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effictive Flux(lm)	372.5	EEI	0.088(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):122.3 DEG

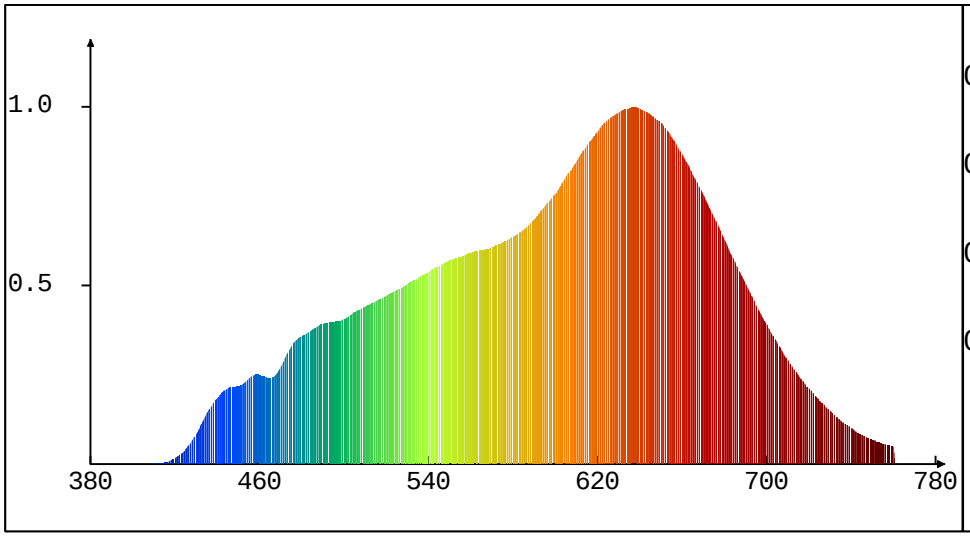
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

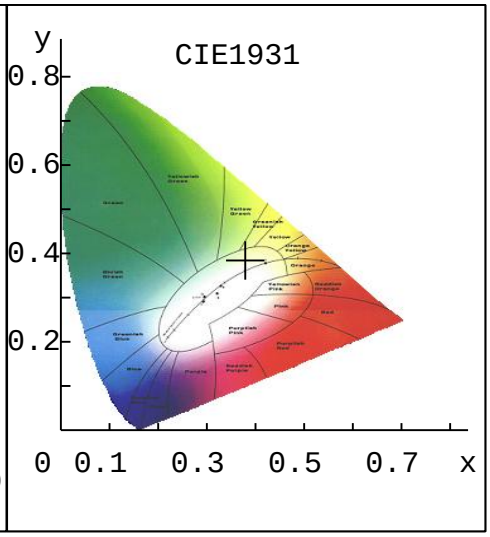
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO, 3W, 3000K, 12V, dimmable, CRI96	SKU: LUMO-W-3000-12V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy





Avg Chro. Para.

CCT: 2977K Chro. Coor.: xa=0.4409 ya=0.4094 u'a=0.2508 v'a=0.5241 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4409 y=0.4094 u'=0.2508 v'=0.5241 duv=0.0016

CCT: 2977K Dominant Wave: 582.4nm Purity: 55.2% Light Intensity: 323.2cd

Flux RGB Ratio: R=54.6%,G=33.4%,B=12.0% Peak Wave: 636.8nm Half Width: 161.9nm

Rendering Index: Ra= 95.8

R1 =95	R2 =96	R3 =98	R4 =95	R5 =95	R6 =94	R7 =97	R8 =97
R9 =96	R10=93	R11=93	R12=91	R13=95	R14=99	R15=97	

Instrument State

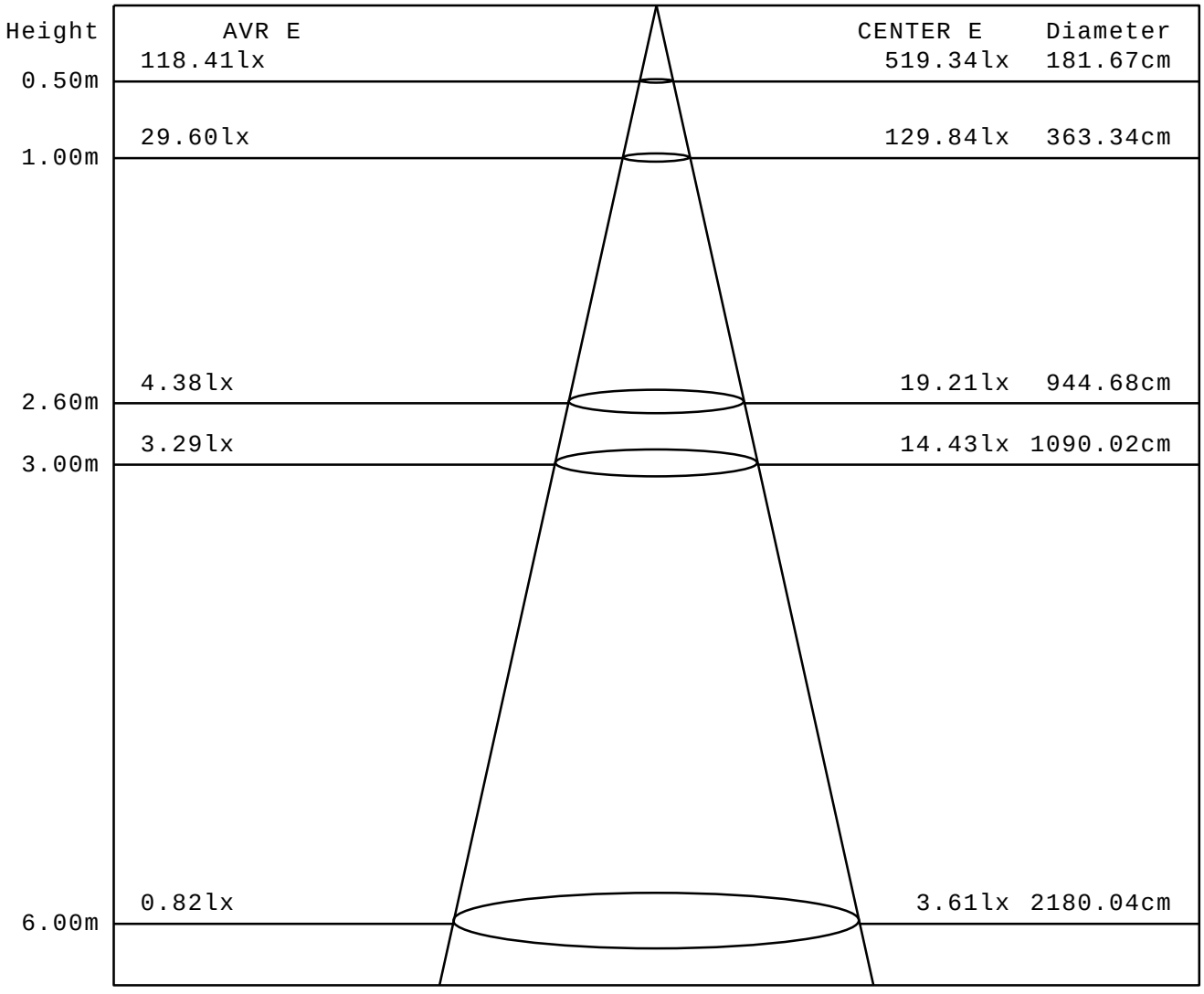
Scan Range: 380nm-780nmIntegral Time: 420.0ms Peak Signal: 420000 Dark Signal: 56609

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: Surface mounted/recessed LED worktop light LUMO, 3W, 3000K, 12V, dimmable, CRI96	SKU: LUMO-W-3000-12V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:122.3deg

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

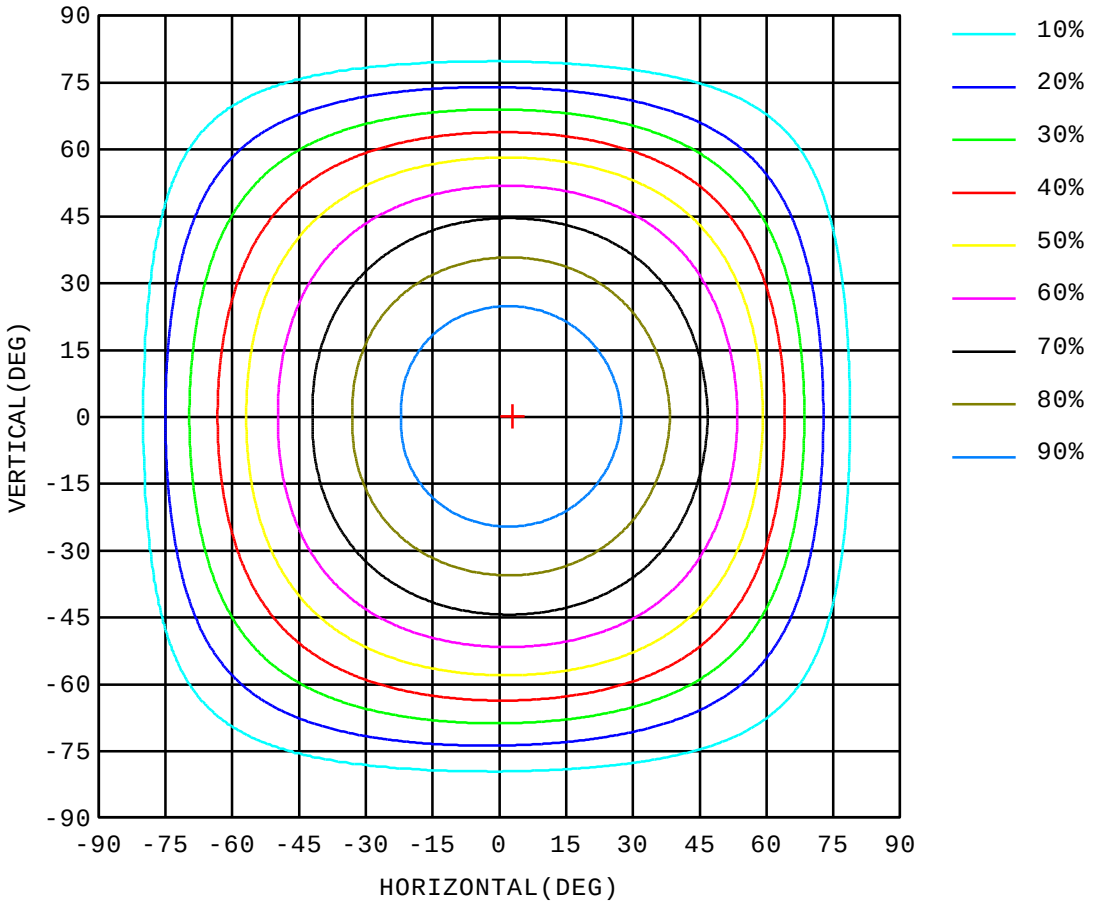
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO, 3W, 3000K, 12V, dimmable, CRI96	SKU: LUMO-W-3000-12V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

UNIT: cd



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: