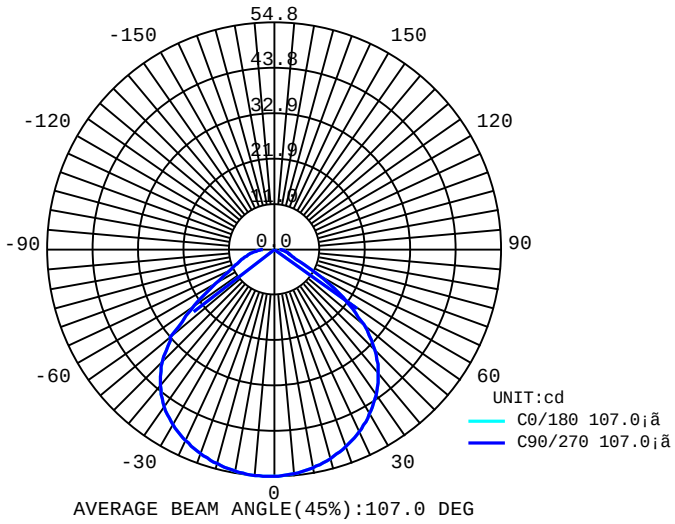
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO, 1W, 3000K, 24V, dimmable, CRI85	SKU: LUMO-W-3000-24V-1W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	54.79	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	137.10	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	126.9	Current(A)	0.045
NOMINAL FLUX(lm)	137.1	η up(%)	0.0	Power(W)	1.080
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	131.1	EEI	0.065(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):107.0 DEG

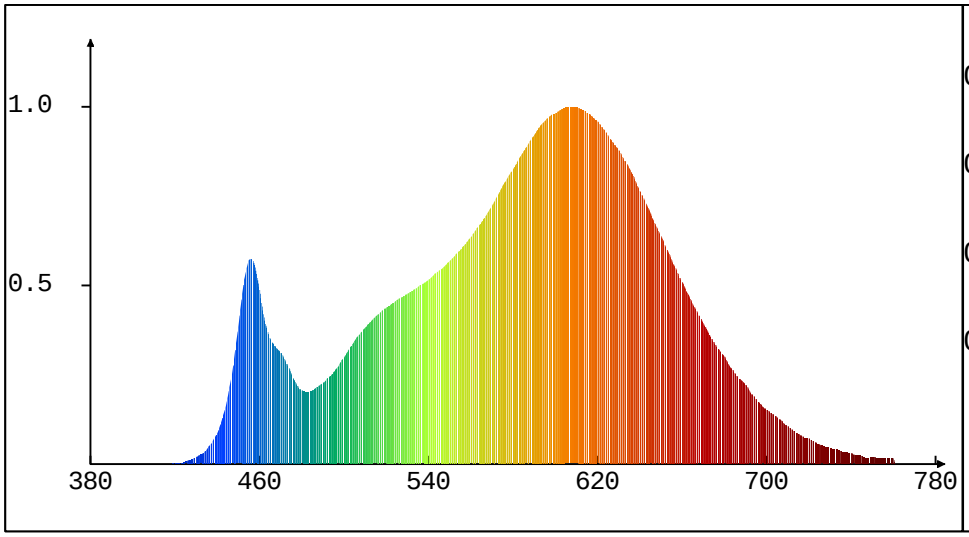
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

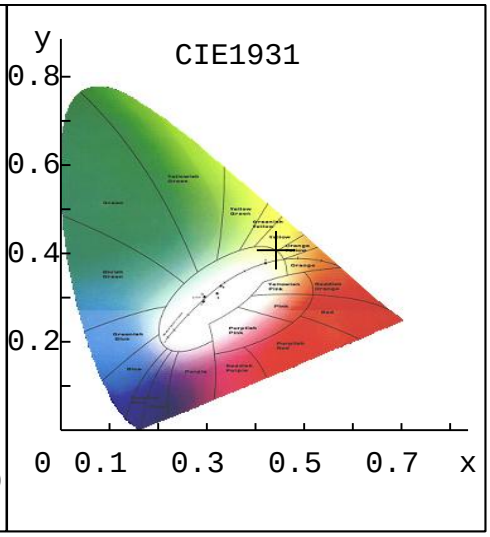
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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, 1W, 3000K, 24V, dimmable, CRI85	SKU: LUMO-W-3000-24V-1W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy





Avg Chro. Para.

CCT: 2910K Chro. Coor.: xa=0.4420 ya=0.4033 u'a=0.2542 v'a=0.5218 ¦¤u'v'=0.0012

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4426 y=0.4034 u'=0.2545 v'=0.5220 duv=-0.0010

CCT: 2901K Dominant Wave: 583.6nm Purity: 53.9% Light Intensity: 174.6cd

Flux RGB Ratio: R=45.2%,G=41.8%,B=13.0% Peak Wave: 608.8nm Half Width: 125.5nm

Rendering Index: Ra= 85.0

R1 =85	R2 =95	R3 =94	R4 =82	R5 =85	R6 =94	R7 =83	R8 =63
R9 =18	R10=87	R11=82	R12=75	R13=88	R14=98	R15=78	

Instrument State

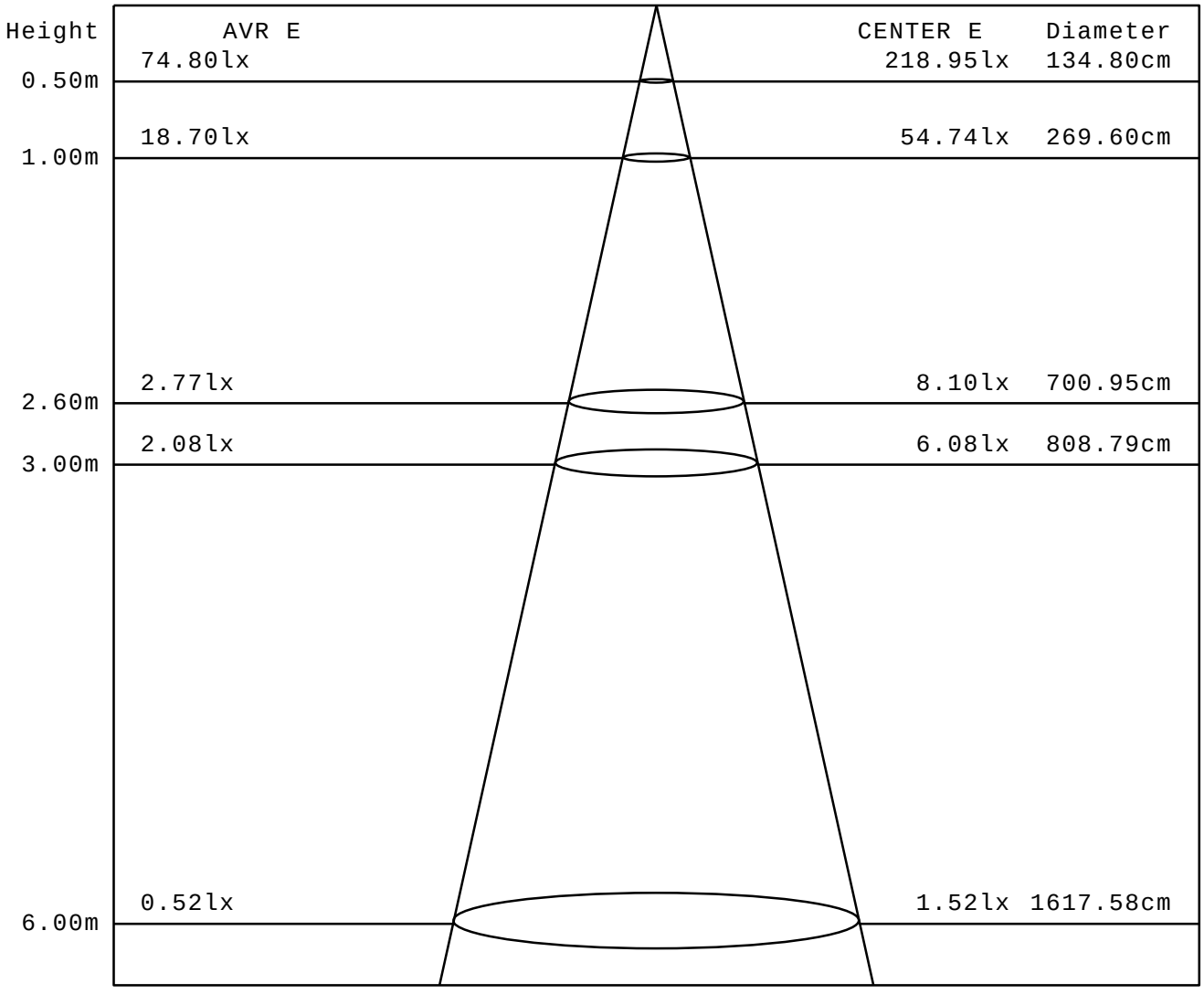
Scan Range: 380nm-780nmIntegral Time: 780.0ms Peak Signal: 780000 Dark Signal: 60248

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, 1W, 3000K, 24V, dimmable, CRI85	SKU: LUMO-W-3000-24V-1W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:106.9deg

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

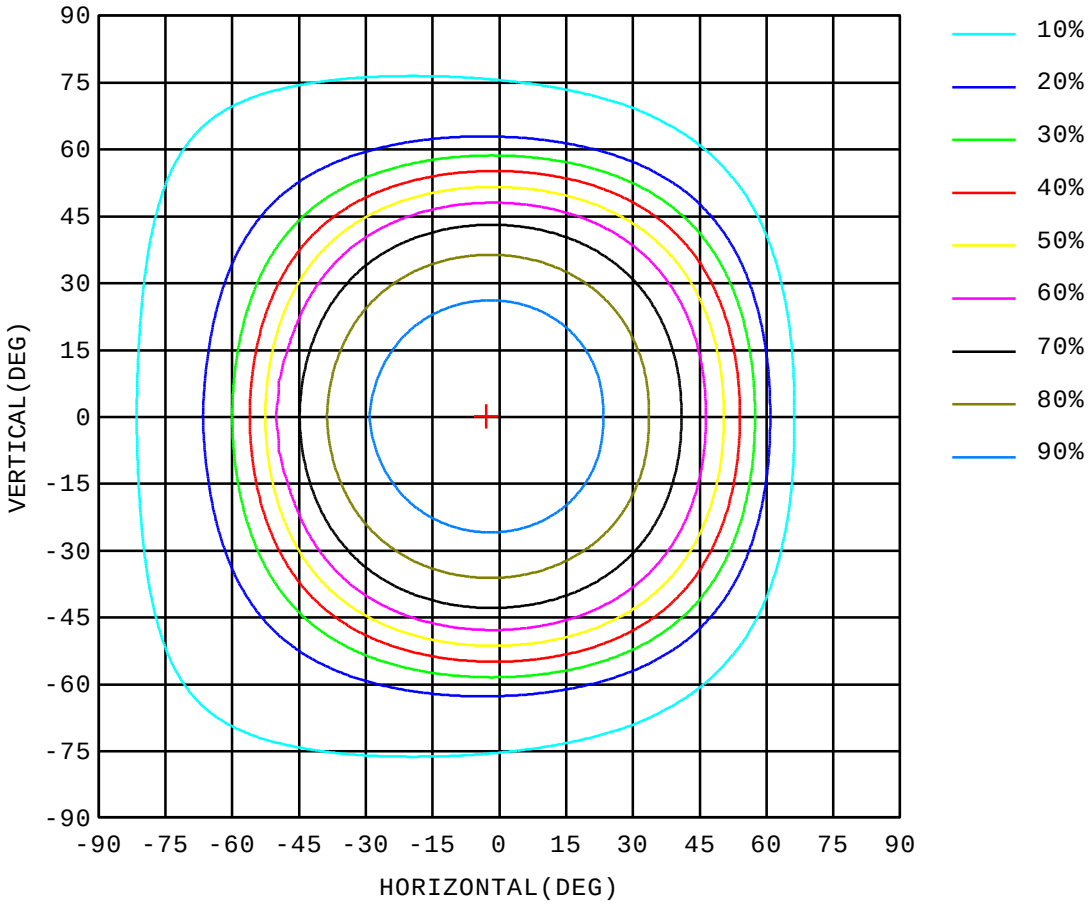
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

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, 1W, 3000K, 24V, dimmable, CRI85	SKU: LUMO-W-3000-24V-1W	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: