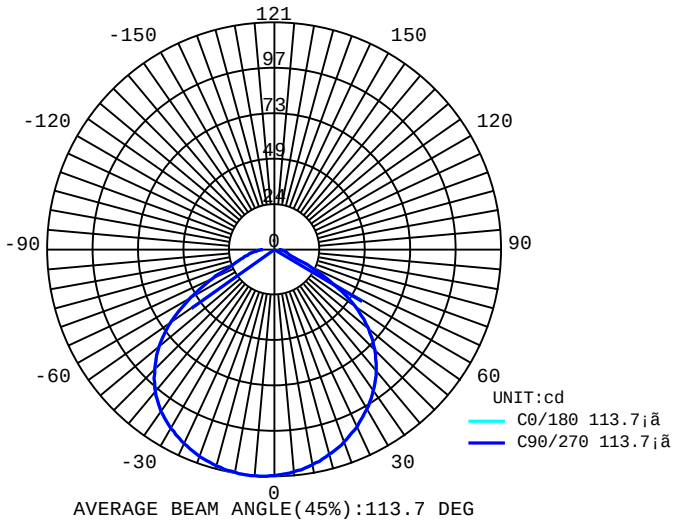
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO, 3W, 4000K, 24V, dimmable, CRI94	SKU: LUMO-W-4000-24V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	121.3	S/MH(C0/180)	1.23
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	322.54	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	122.2	Current(A)	0.110
NOMINAL FLUX(lm)	322.5	η up(%)	0.0	Power(W)	2.640
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	311.6	EEI	0.086(A++)

LUMINOUS INTENSITY DISTRIBUTION



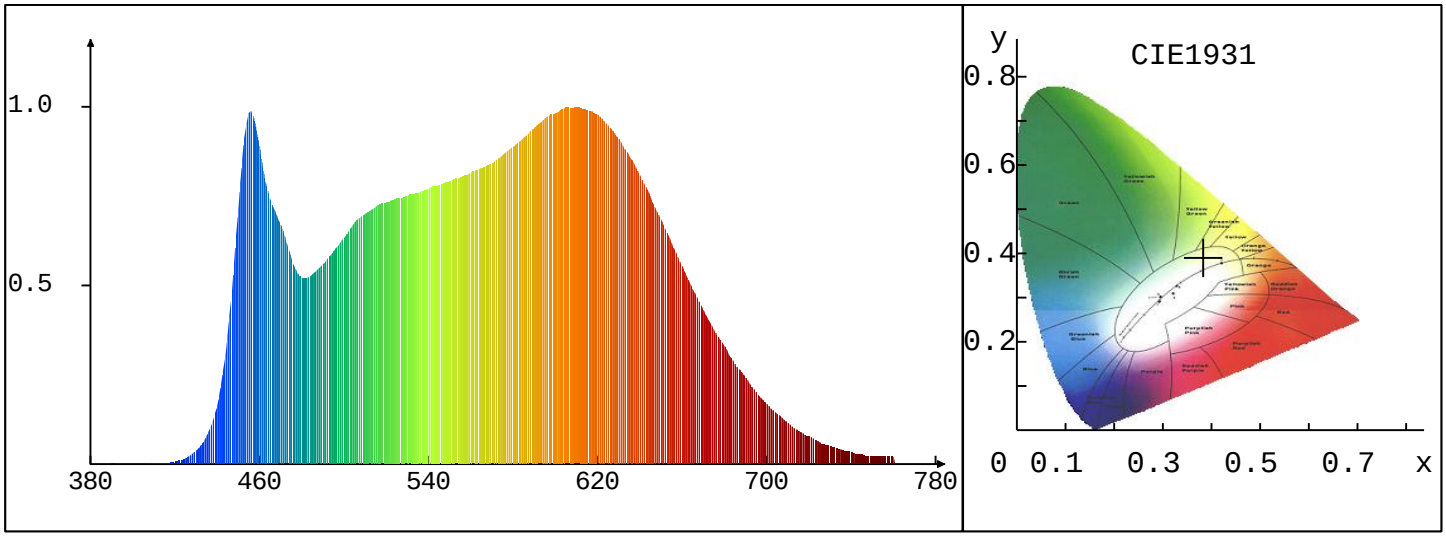
AVERAGE BEAM ANGLE(45%):113.7 DEG

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:

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, 4000K, 24V, dimmable, CRI94	SKU: LUMO-W-4000-24V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 4002K Chro. Coor.: xa=0.3831 ya=0.3871 u'a=0.2228 v'a=0.5065 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3832 y=0.3871 u'=0.2228 v'=0.5065 duv=0.0040

CCT: 4001K Dominant Wave: 577.1nm Purity: 31.2% Light Intensity: 396.9cd

Flux RGB Ratio: R=36.8%,G=42.4%,B=20.9% Peak Wave: 454.7nm Half Width: 33.8nm

Rendering Index: Ra= 91.5

R1 =93	R2 =98	R3 =96	R4 =89	R5 =92	R6 =97	R7 =88	R8 =79
R9 =53	R10=96	R11=92	R12=72	R13=95	R14=98	R15=87	

Instrument State

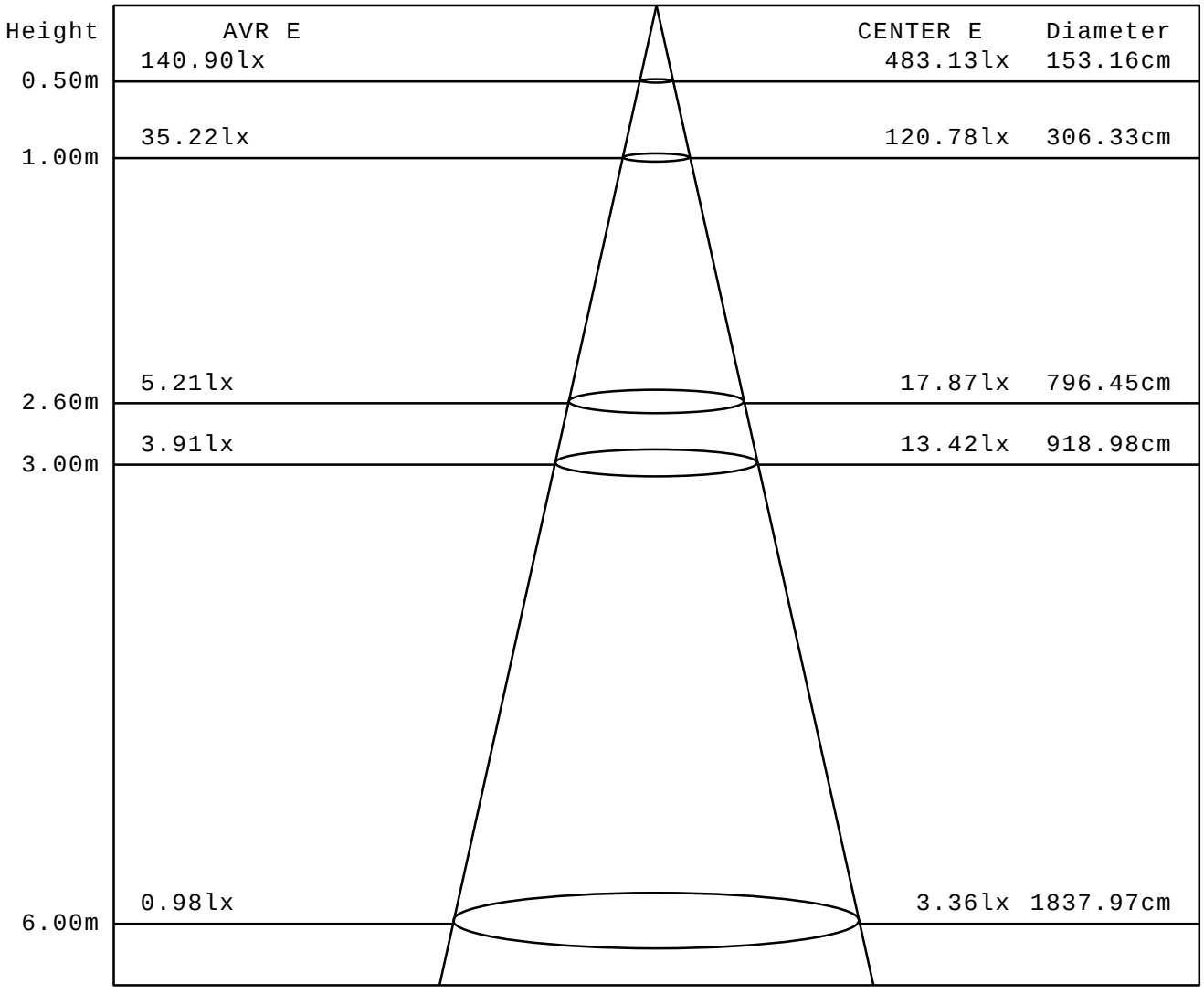
Scan Range: 380nm-780nmIntegral Time: 370.0ms Peak Signal: 370000 Dark Signal: 52511

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, 4000K, 24V, dimmable, CRI94	SKU: LUMO-W-4000-24V-3W	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:113.7deg

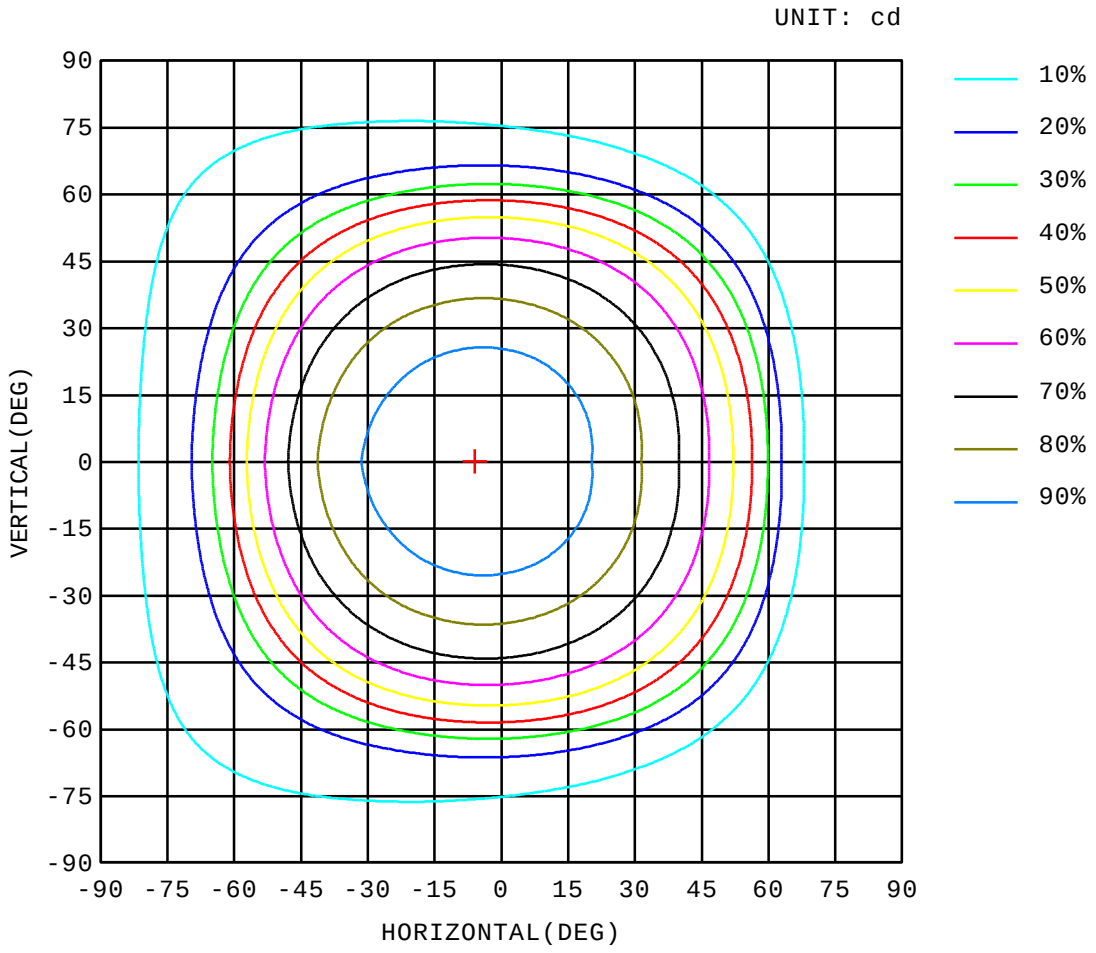
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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, 4000K, 24V, dimmable, CRI94	SKU: LUMO-W-4000-24V-3W	TYPE: LED
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: