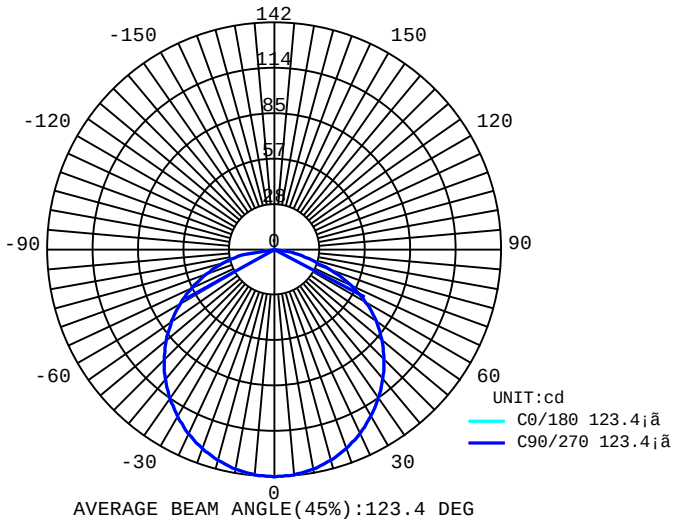
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO 2.0, 3W, 3000K, 24V, dimmable, CRI96	SKU: LUMO-W-3000-24V-3W-2.0	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	142.3	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	411.98	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	140.7	Current(A)	0.122
NOMINAL FLUX(lm)	412.0	η up(%)	0.0	Power(W)	2.928
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	409.7	EEI	0.077(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):123.4 DEG

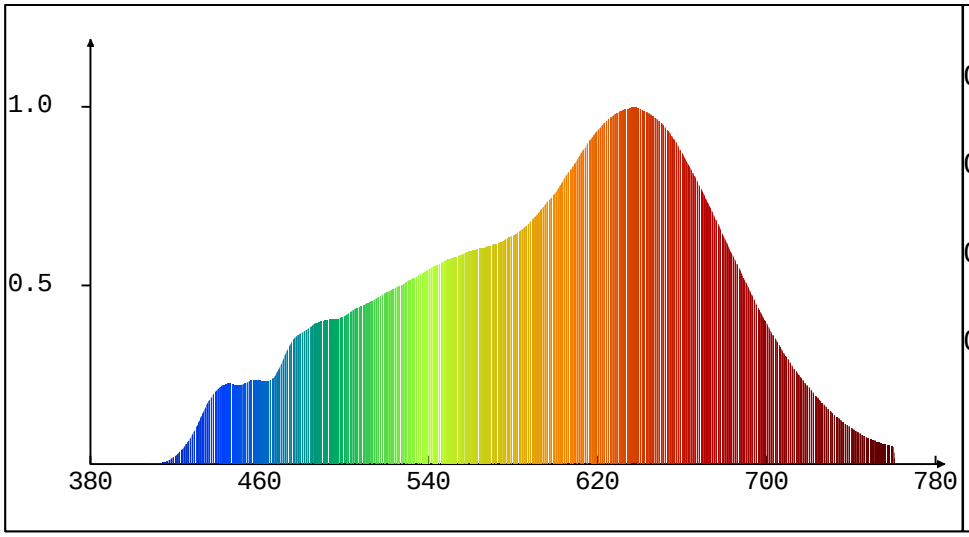
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

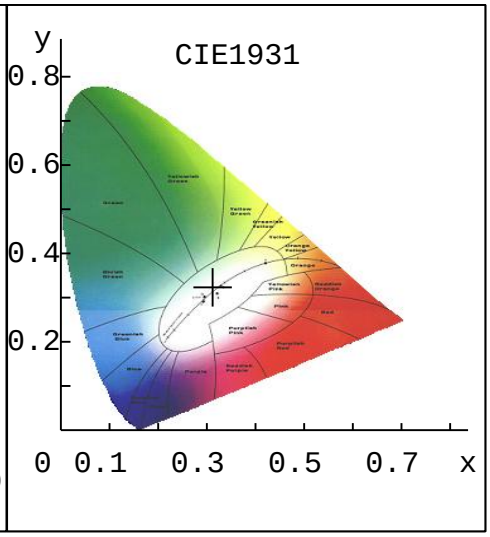
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted/recessed LED worktop light LUMO 2.0, 3W, 3000K, 24V, dimmable, CRI96	SKU: LUMO-W-3000-24V-3W-2.0	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy





Avg Chro. Para.

CCT: 3003K Chro. Coor.: xa=0.4389 ya=0.4085 u'a=0.2499 v'a=0.5234 ¦¤u'v'=0.0001

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4388 y=0.4084 u'=0.2499 v'=0.5234 duv=0.0015

CCT: 3002K Dominant Wave: 582.3nm Purity: 54.3% Light Intensity: 358.4cd

Flux RGB Ratio: R=54.3%,G=33.4%,B=12.3% Peak Wave: 636.8nm Half Width: 164.1nm

Rendering Index: Ra= 95.9

R1 =95	R2 =96	R3 =98	R4 =95	R5 =95	R6 =94	R7 =97	R8 =97
R9 =96	R10=93	R11=92	R12=91	R13=95	R14=99	R15=97	

Instrument State

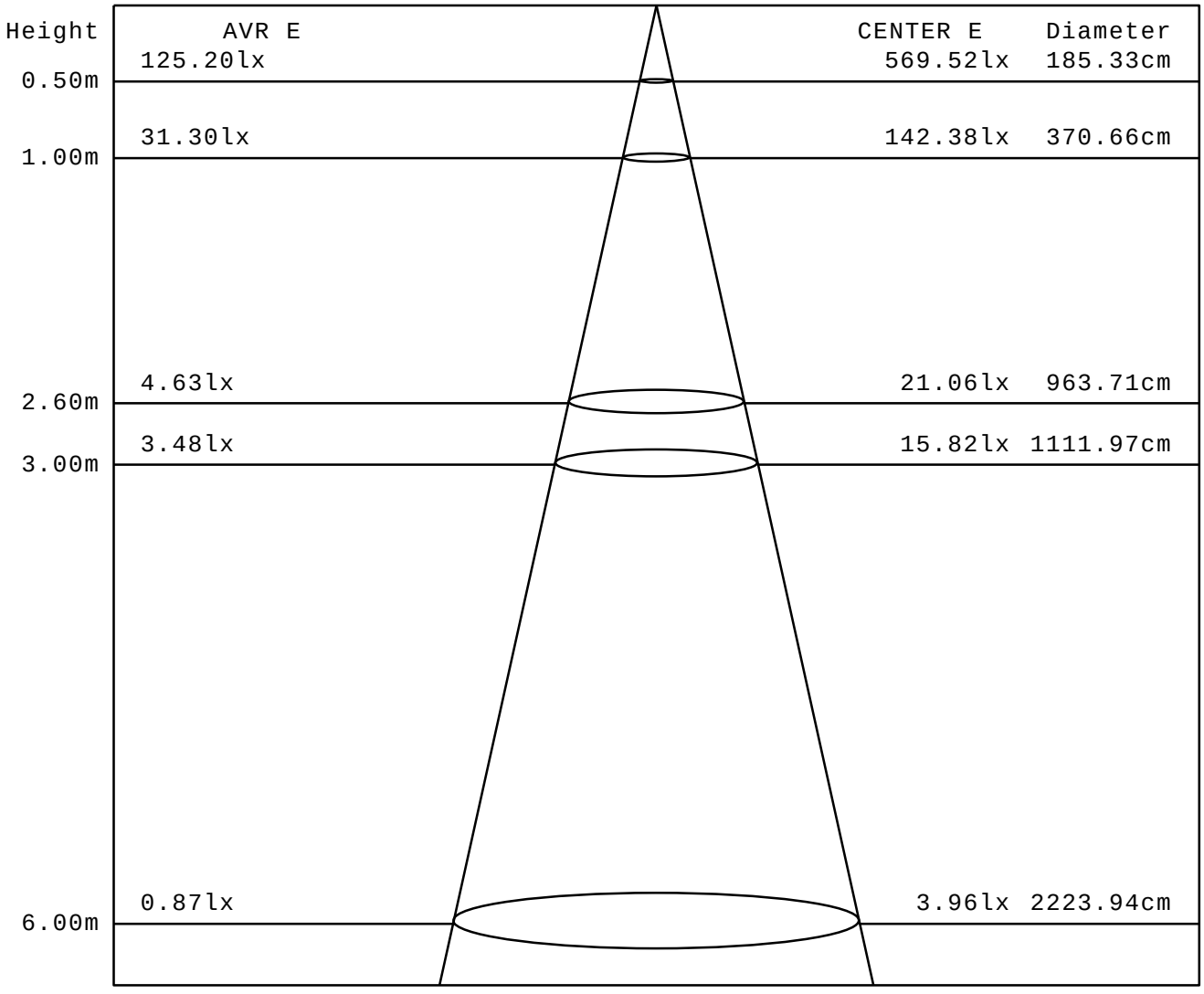
Scan Range: 380nm-780nmIntegral Time: 380.0ms Peak Signal: 380000 Dark Signal: 55776

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 2.0, 3W, 3000K, 24V, dimmable, CRI96	SKU: LUMO-W-3000-24V-3W-2.0	TYPE: LED
SPECIFICATION: LED downlight	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:123.3deg

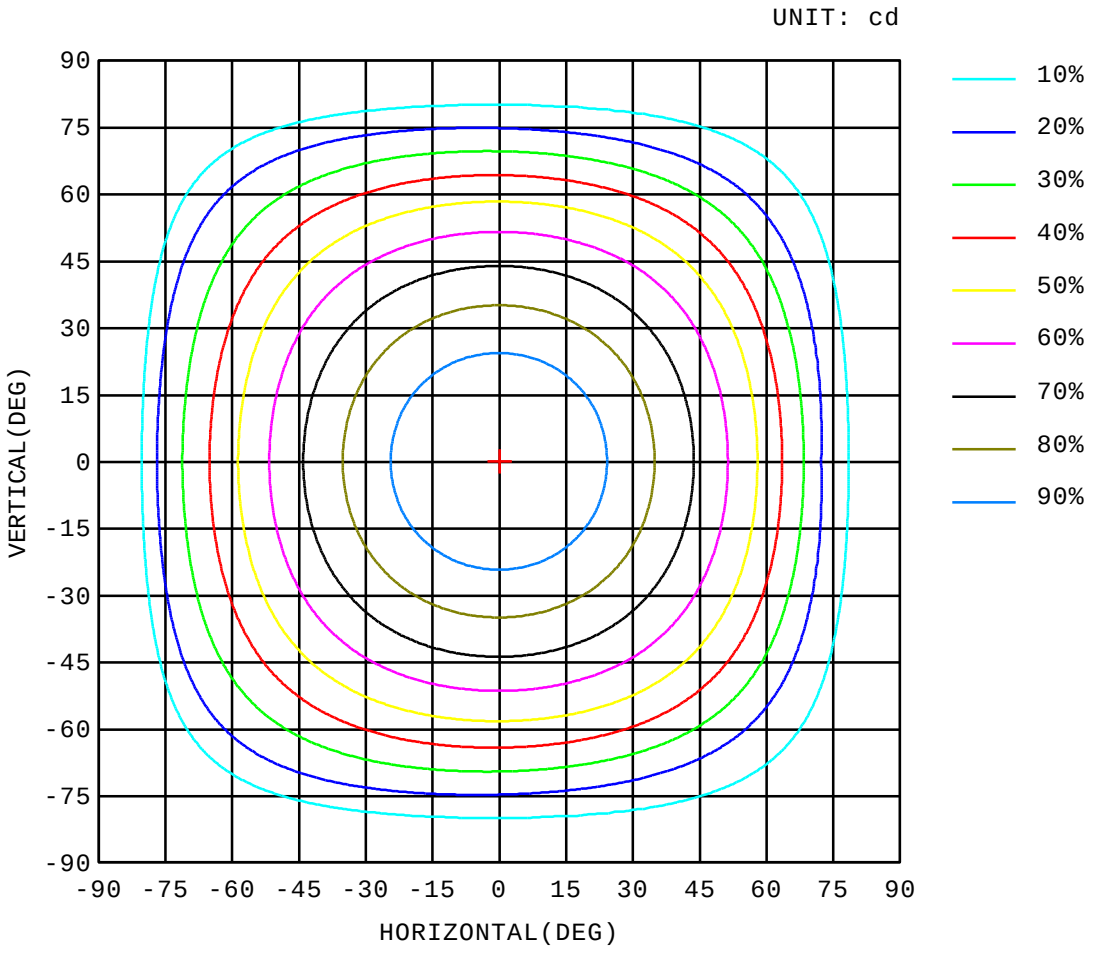
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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 2.0, 3W, 3000K, 24V, dimmable, CRI96	SKU: LUMO-W-3000-24V-3W-2.0	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: