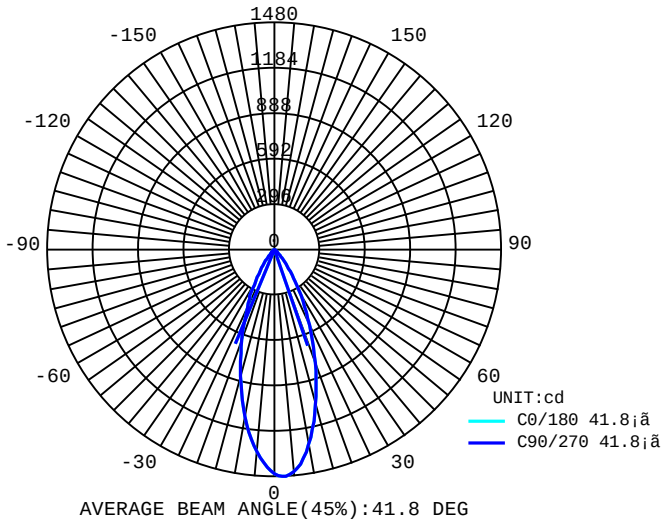
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: COB LED downlight module — ModLed, dimmable 7W, high CRI95, 4000K	SKU: ModLed-4000K-module	TYPE: LED
SPECIFICATION: LED module	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1480	S/MH(C0/180)	0.67
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.67
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	782.44	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	106.3	Current(A)	0.032
NOMINAL FLUX(lm)	782.4	η up(%)	0.0	Power(W)	7.360
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	697.6	EEI	0.128(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):41.8 DEG

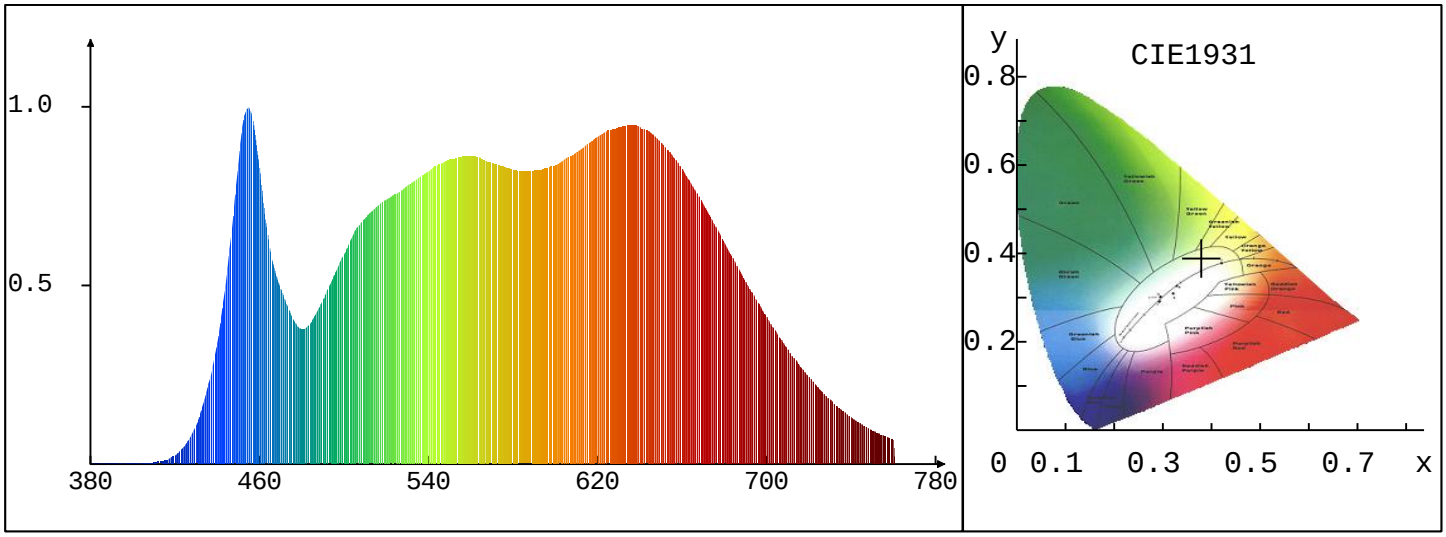
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: COB LED downlight module — ModLed, dimmable 7W, high CRI95, 4000K	SKU: ModLed-4000K-module	TYPE: LED
SPECIFICATION: LED downlight, measured at the warm end of the color temperature range	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 4092K Chro. Coor.: xa=0.3789 ya=0.3837 u'a=0.2214 v'a=0.5044 ¦¤u'v'=0.0004

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3794 y=0.3844 u'=0.2214 v'=0.5048 duv=0.0038

CCT: 4082K Dominant Wave: 576.8nm Purity: 29.2% Light Intensity: 4891.3cd

Flux RGB Ratio: R=44.0%,G=37.8%,B=18.2% Peak Wave: 454.0nm Half Width: 25.3nm

Rendering Index: Ra= 95.5

R1 =96	R2 =96	R3 =94	R4 =96	R5 =94	R6 =93	R7 =99	R8 =97
R9 =89	R10=89	R11=95	R12=71	R13=96	R14=96	R15=95	

Instrument State

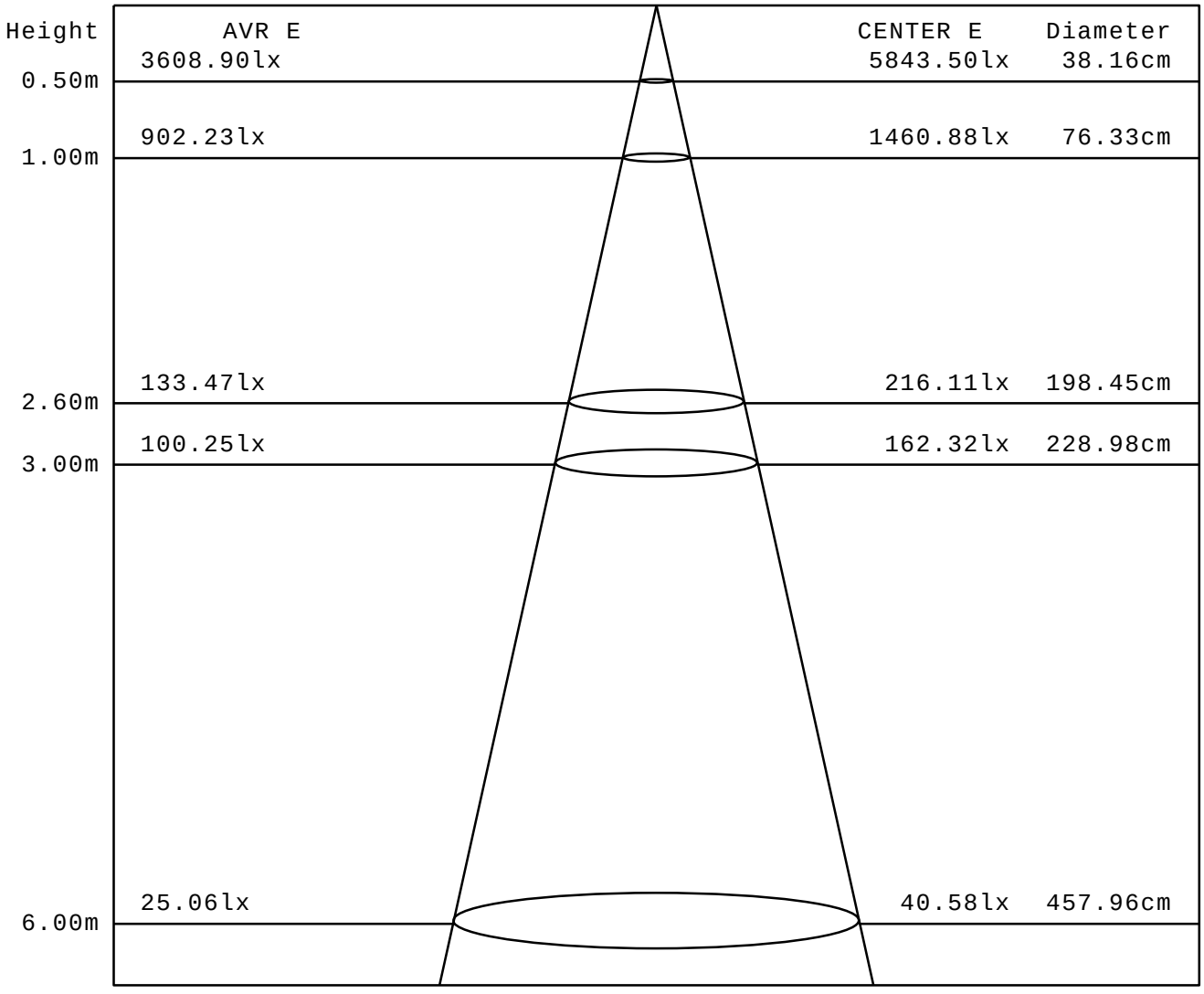
Scan Range: 380nm-780nmIntegral Time: 32.0ms Peak Signal: 32000 Dark Signal: 57179

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: COB LED downlight module — ModLed, dimmable 7W, high CRI95, 4000K	SKU: ModLed-4000K-module	TYPE: LED
SPECIFICATION: LED module	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:41.8deg

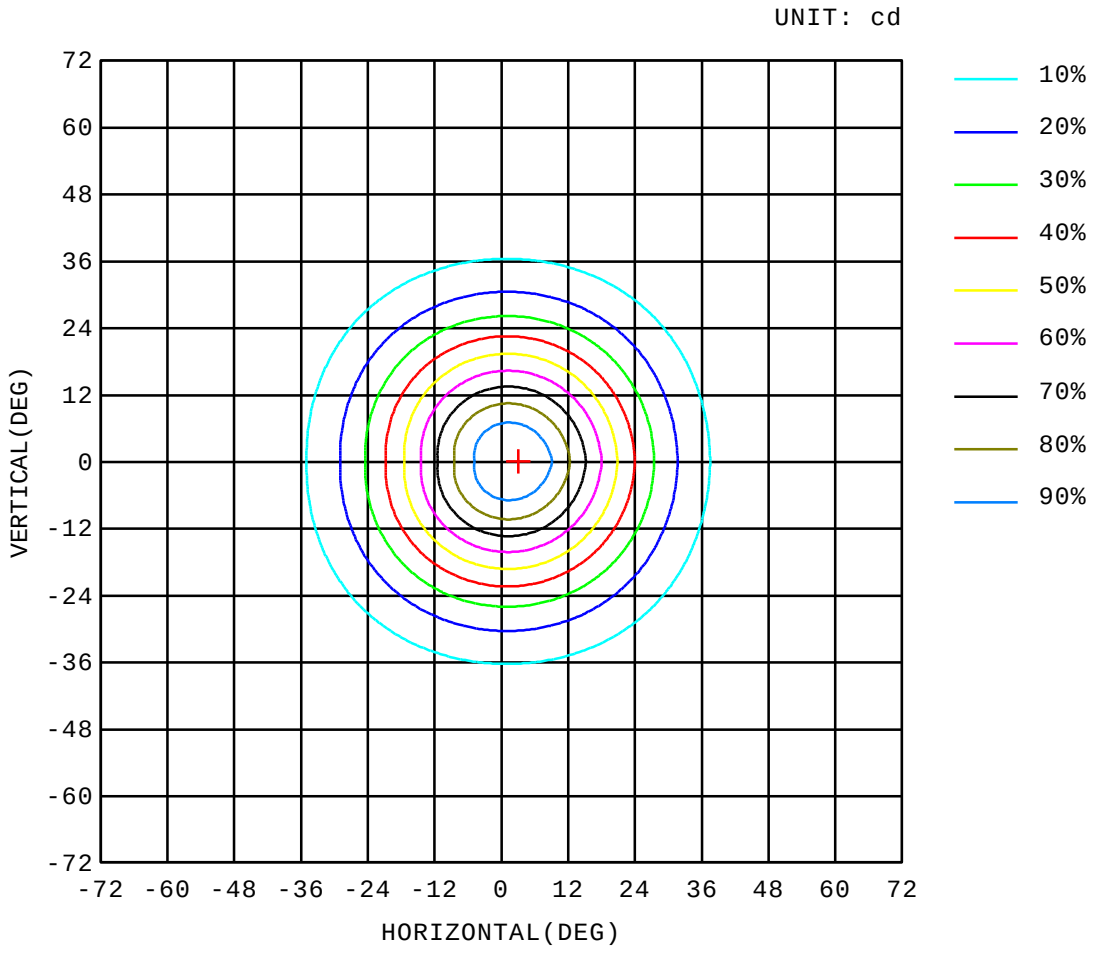
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: COB LED downlight module — ModLed, dimmable 7W, high CRI95, 4000K	SKU: ModLed-4000K-module	TYPE: LED
SPECIFICATION: LED module	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: