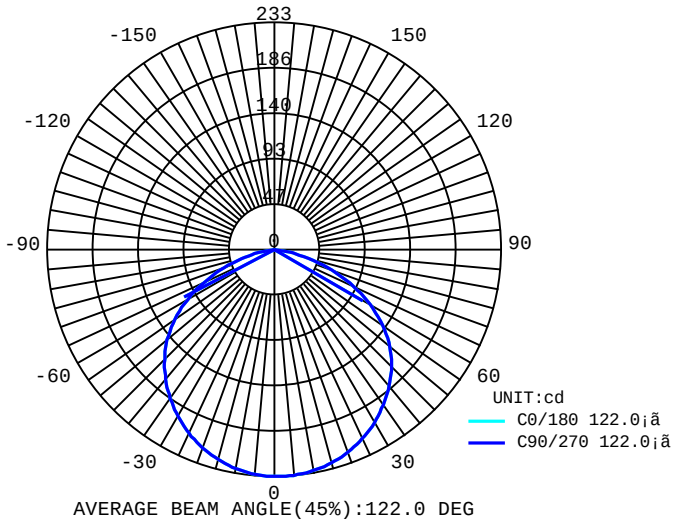
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Recessed LED PANEL 120x120, 5W, dimmable, IP54, high CRI93, 4000K	SKU: PANEL120-4000	TYPE: LED
SPECIFICATION: LED panel	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	233.0	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	667.01	Voltage(V)	36.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	137.2	Current(A)	0.135
NOMINAL FLUX(lm)	667.0	η up(%)	0.0	Power(W)	4.860
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	36.0	Effictive Flux(lm)	660.8	EEI	0.088(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):122.0 DEG

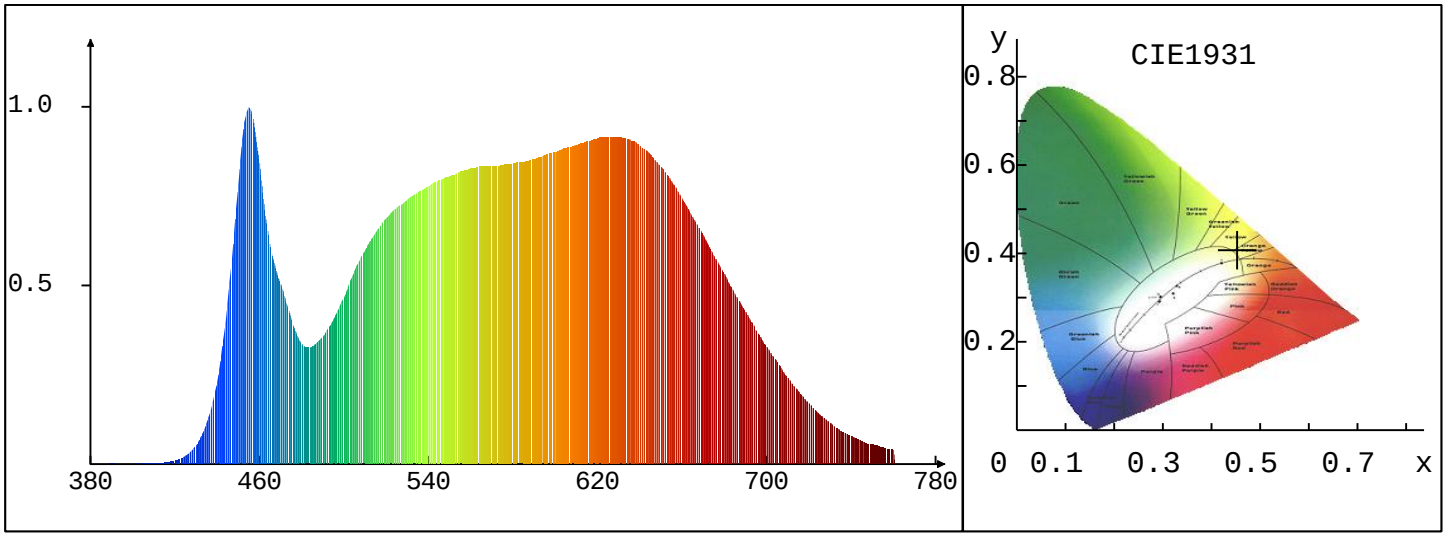
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Recessed LED PANEL 120x120, 5W, dimmable, IP54, high CRI93, 4000K	SKU: PANEL120-4000	TYPE: LED
SPECIFICATION: LED panel	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 3864K Chro. Coor.: xa=0.3886 ya=0.3874 u'a=0.2263 v'a=0.5074 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3886 y=0.3874 u'=0.2263 v'=0.5074 duv=0.0026

CCT: 3864K Dominant Wave: 578.3nm Purity: 32.9% Light Intensity: 537.2cd

Flux RGB Ratio: R=43.0%,G=39.5%,B=17.6% Peak Wave: 454.0nm Half Width: 24.2nm

Rendering Index: Ra= 92.8

R1 =93	R2 =95	R3 =94	R4 =92	R5 =91	R6 =91	R7 =97	R8 =90
R9 =72	R10=86	R11=92	R12=66	R13=94	R14=96	R15=91	

Instrument State

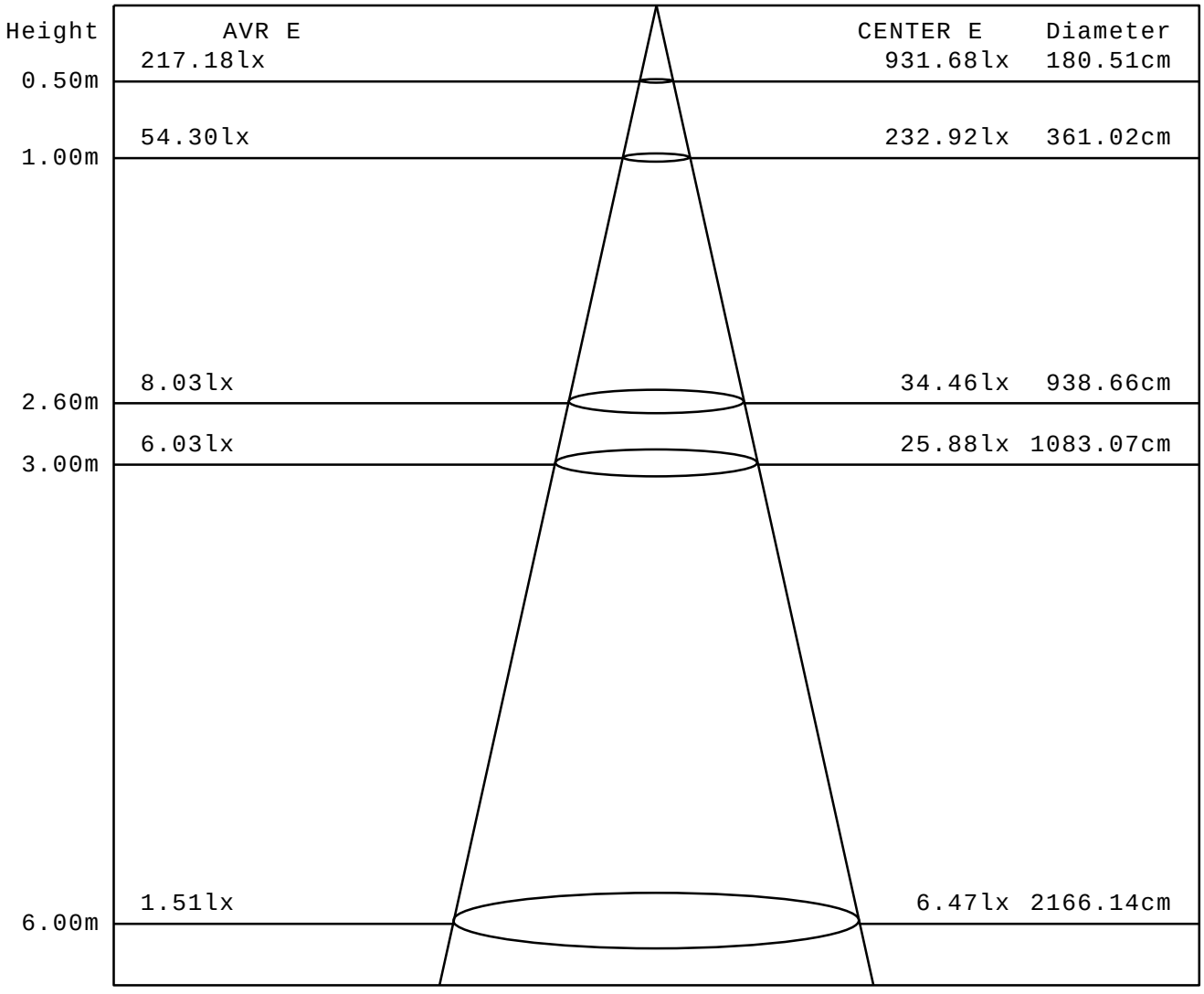
Scan Range: 380nm-780nmIntegral Time: 280.0ms Peak Signal: 280000 Dark Signal: 56636

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: Recessed LED PANEL 120x120, 5W, dimmable, IP54, high CRI93, 4000K	SKU: PANEL120-4000	TYPE: LED
SPECIFICATION: LED panel	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:122.0deg

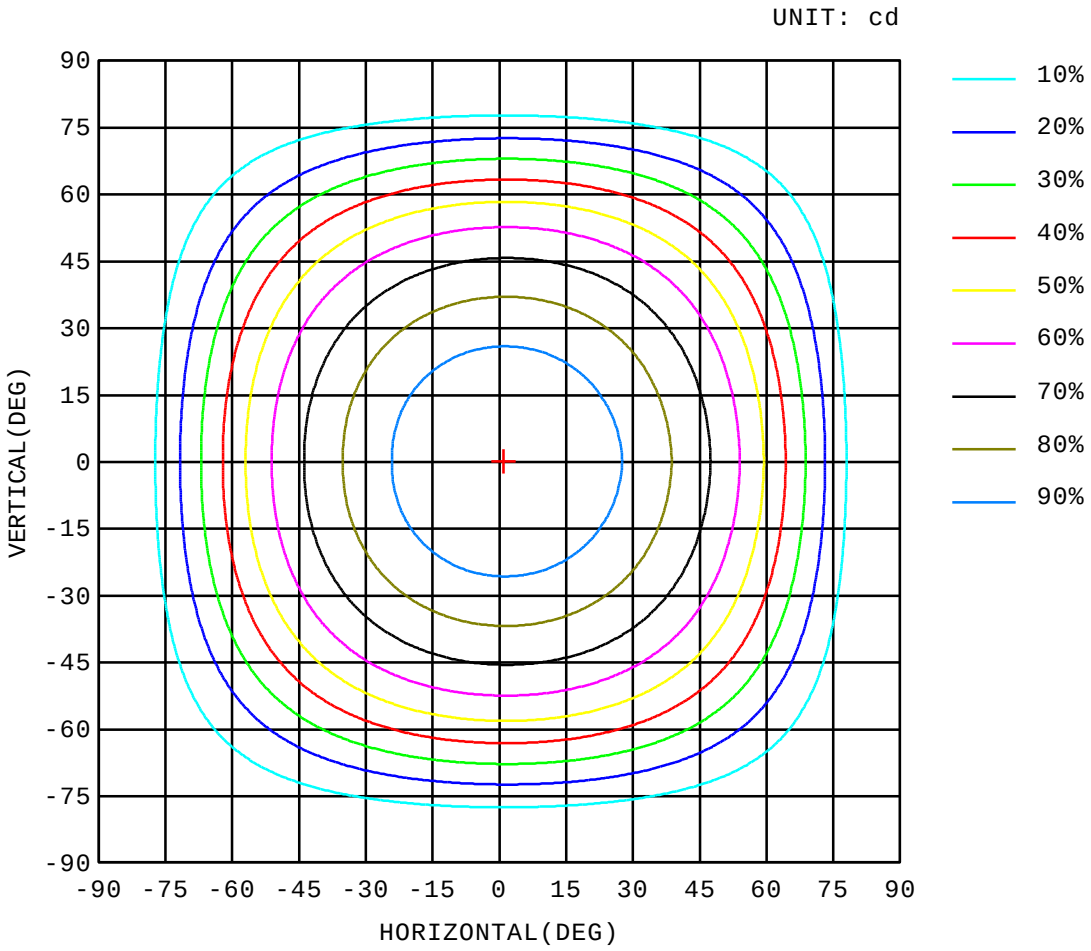
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: Recessed LED PANEL 120x120, 5W, dimmable, IP54, high CRI93, 4000K	SKU: PANEL120-4000	TYPE: LED
SPECIFICATION: LED panel	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: