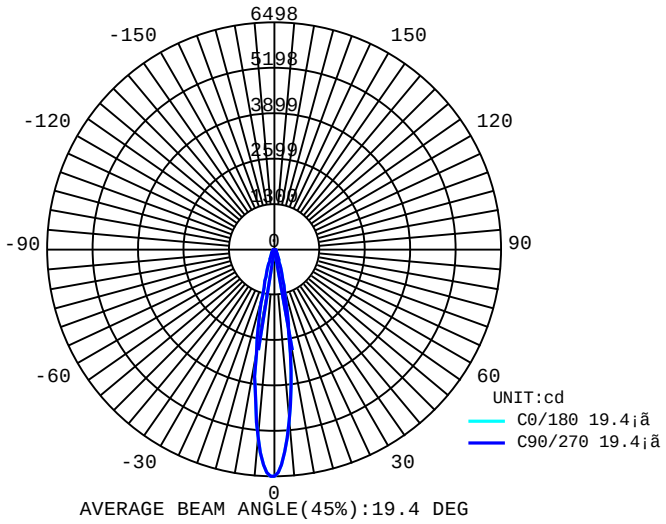
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED BEAM directional floor/wall/ceiling luminaire, 3500K, 11W, CRI93, IP65, matte black	SKU: BEAM-11W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	6498	S/MH(C0/180)	0.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.30
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	1238.3	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	112.2	Current(A)	0.048
NOMINAL FLUX(lm)	1238.4	η up(%)	0.0	Power(W)	11.04
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	737.0	EEI	0.184(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):19.4 DEG

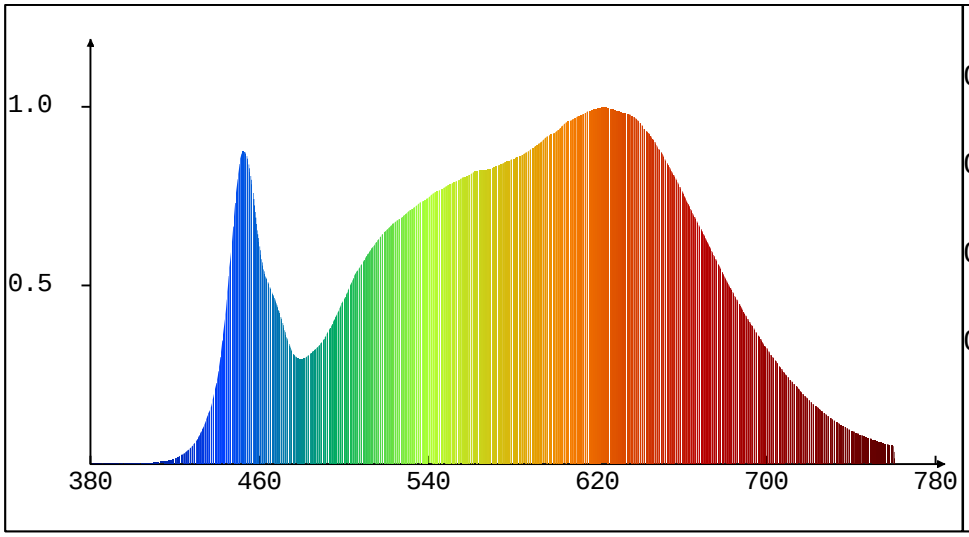
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

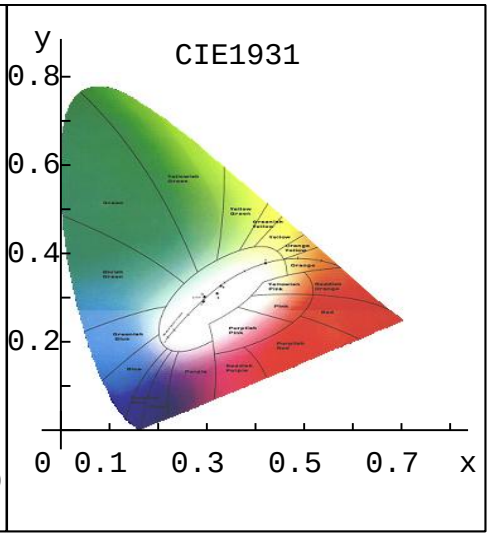
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 3507K Chro. Coor.: xa=0.4055 ya=0.3921 u'a=0.2353 v'a=0.5118 ¦¤u'v'=0.0012

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4041 y=0.3924 u'=0.2342 v'=0.5118 duv=0.0010

CCT: 3540K Dominant Wave: 580.3nm Purity: 39.1% Light Intensity: 26007.3cd

Flux RGB Ratio: R=45.2%,G=38.9%,B=15.9% Peak Wave: 623.0nm Half Width: 179.5nm

Rendering Index: Ra= 93.4

R1 =94	R2 =95	R3 =95	R4 =94	R5 =93	R6 =93	R7 =96	R8 =88
R9 =70	R10=87	R11=94	R12=72	R13=94	R14=96	R15=92	

Instrument State

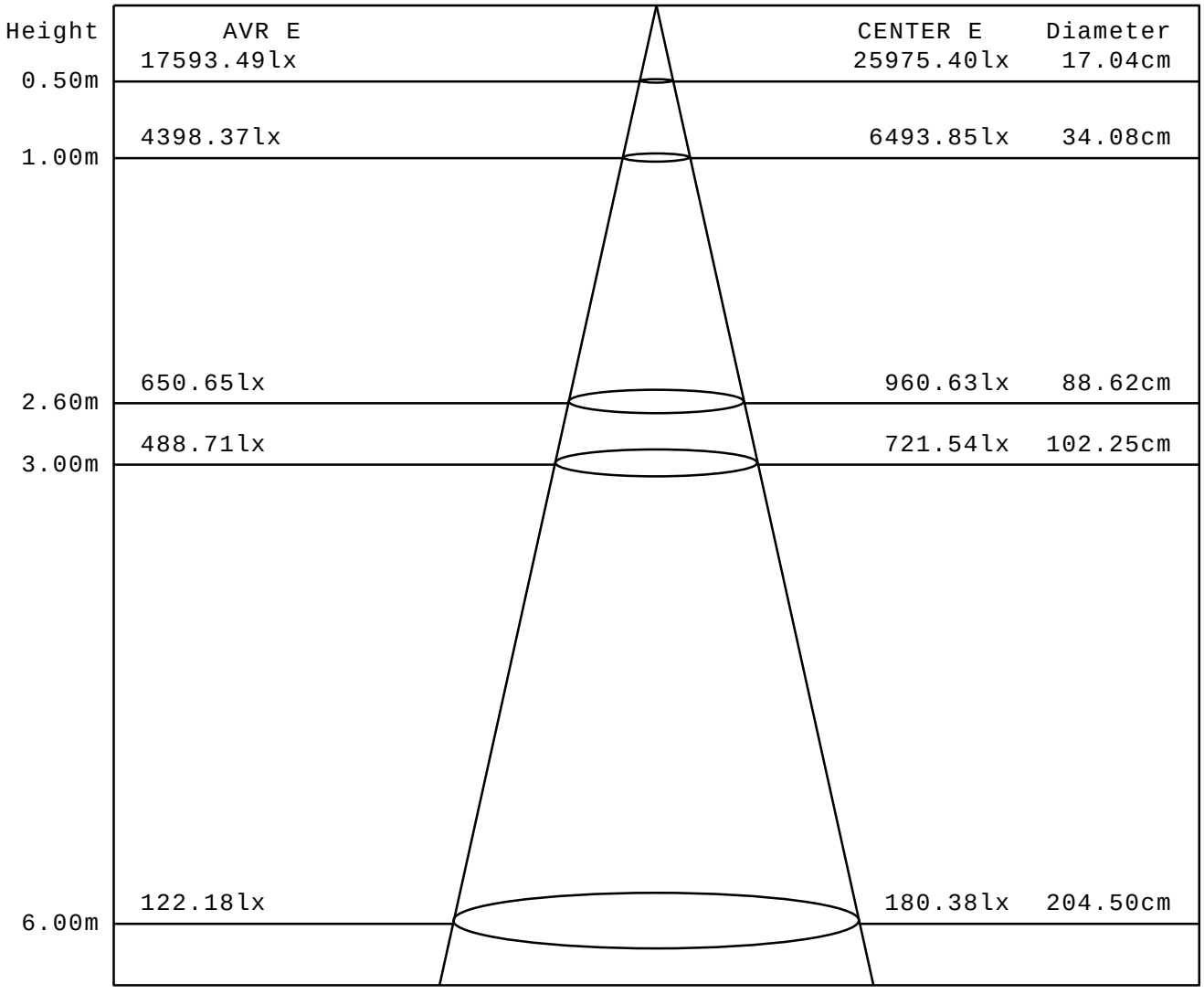
Scan Range: 380nm-780nmIntegral Time: 6.0ms Peak Signal: 6000 Dark Signal: 53553

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: LED BEAM directional floor/wall/ceiling luminaire, 3500K, 11W, CRI93, IP65, matte black	SKU: BEAM-11W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:19.3deg

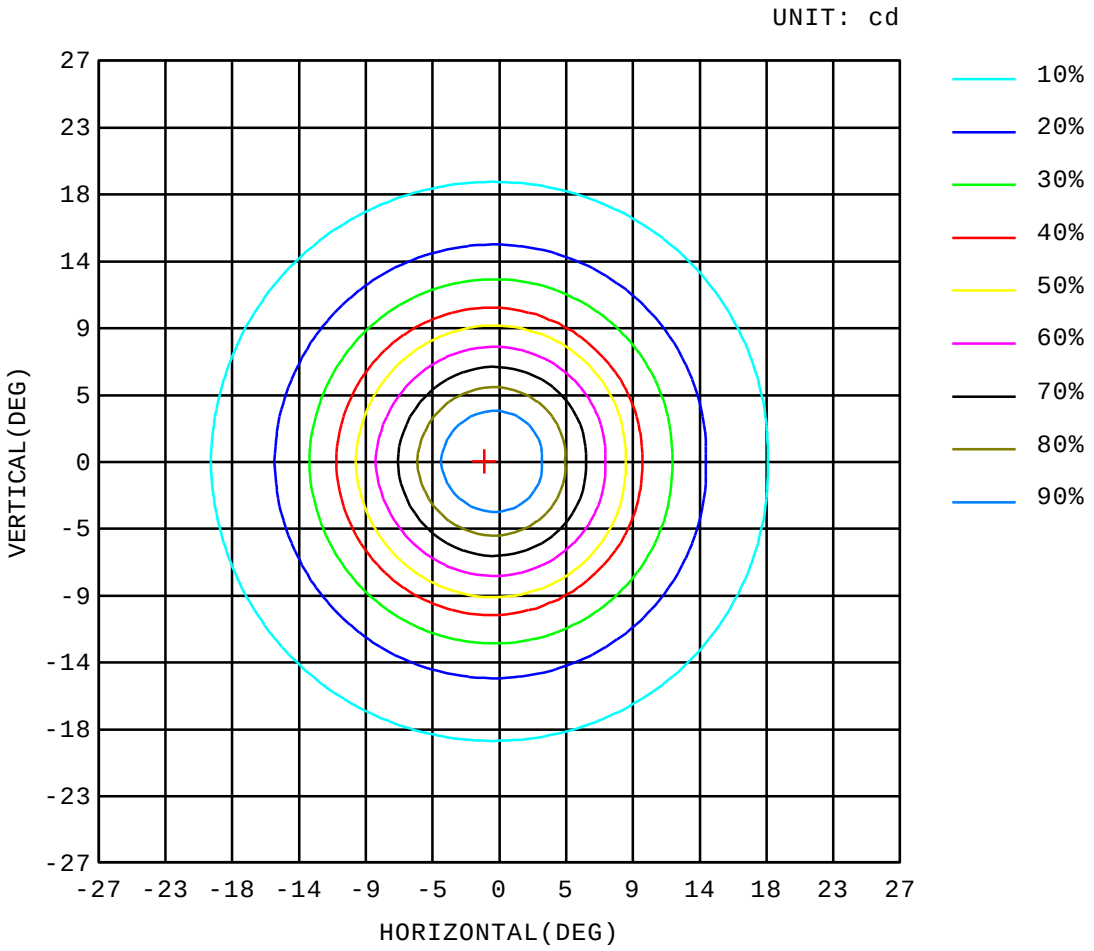
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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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: