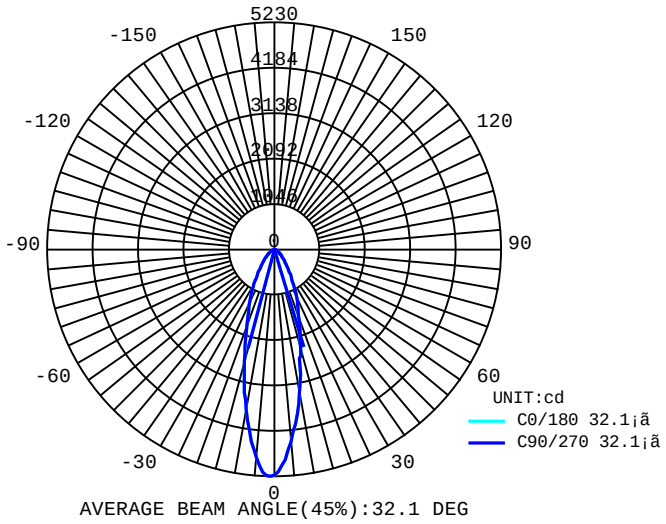
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED BEAM directional floor/wall/ceiling lamp, 3500K, 22W, CRI94, IP65, matte black	SKU: BEAM-22W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	5230	S/MH(C0/180)	0.44
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.44
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	2599.2	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	117.7	Current(A)	0.096
NOMINAL FLUX(lm)	2599.3	η up(%)	0.0	Power(W)	22.08
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	2042.5	EEI	0.147(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):32.1 DEG

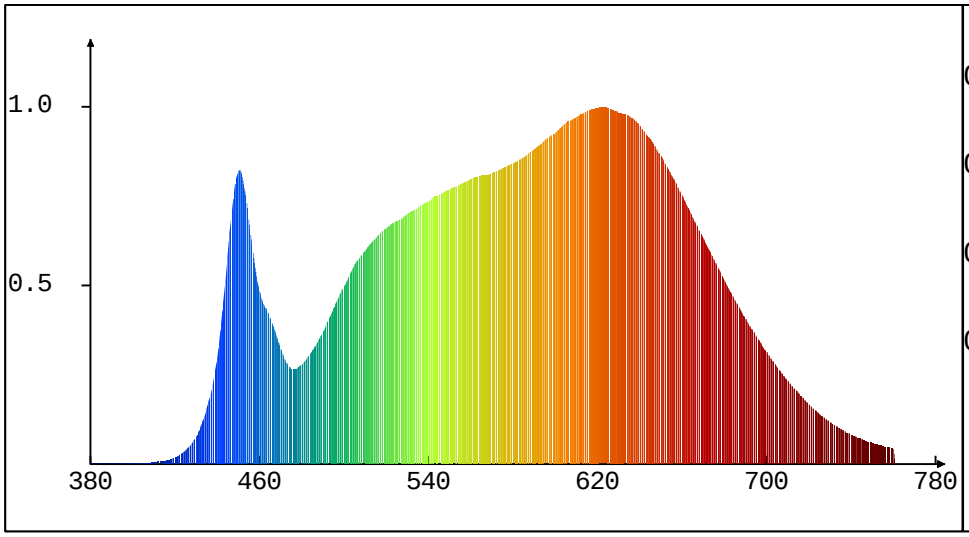
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

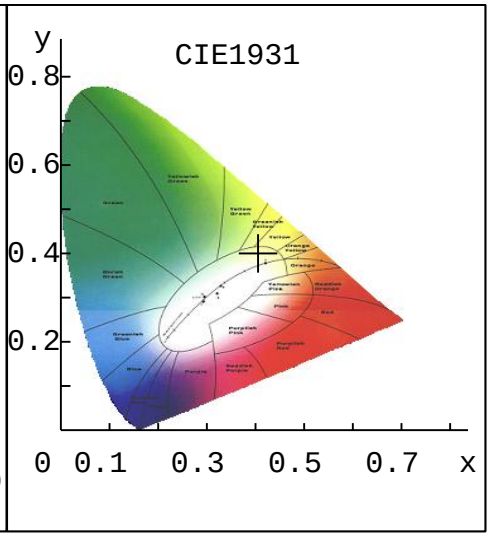
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED BEAM directional floor/wall/ceiling lamp, 3500K, 22W, CRI94, IP65, matte black	SKU: BEAM-22W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy





Avg Chro. Para.

CCT: 3530K Chro. Coor.: xa=0.4057 ya=0.3955 u'a=0.2340 v'a=0.5133 ¦¤u'v'=0.0005

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4065 y=0.3961 u'=0.2343 v'=0.5136 duv=0.0020

CCT: 3516K Dominant Wave: 580.0nm Purity: 40.9% Light Intensity: 22061.6cd

Flux RGB Ratio: R=45.2%,G=39.3%,B=15.5% Peak Wave: 621.9nm Half Width: 181.5nm

Rendering Index: Ra= 93.8

R1 =94	R2 =95	R3 =95	R4 =95	R5 =93	R6 =93	R7 =96	R8 =88
R9 =69	R10=88	R11=96	R12=76	R13=94	R14=97	R15=91	

Instrument State

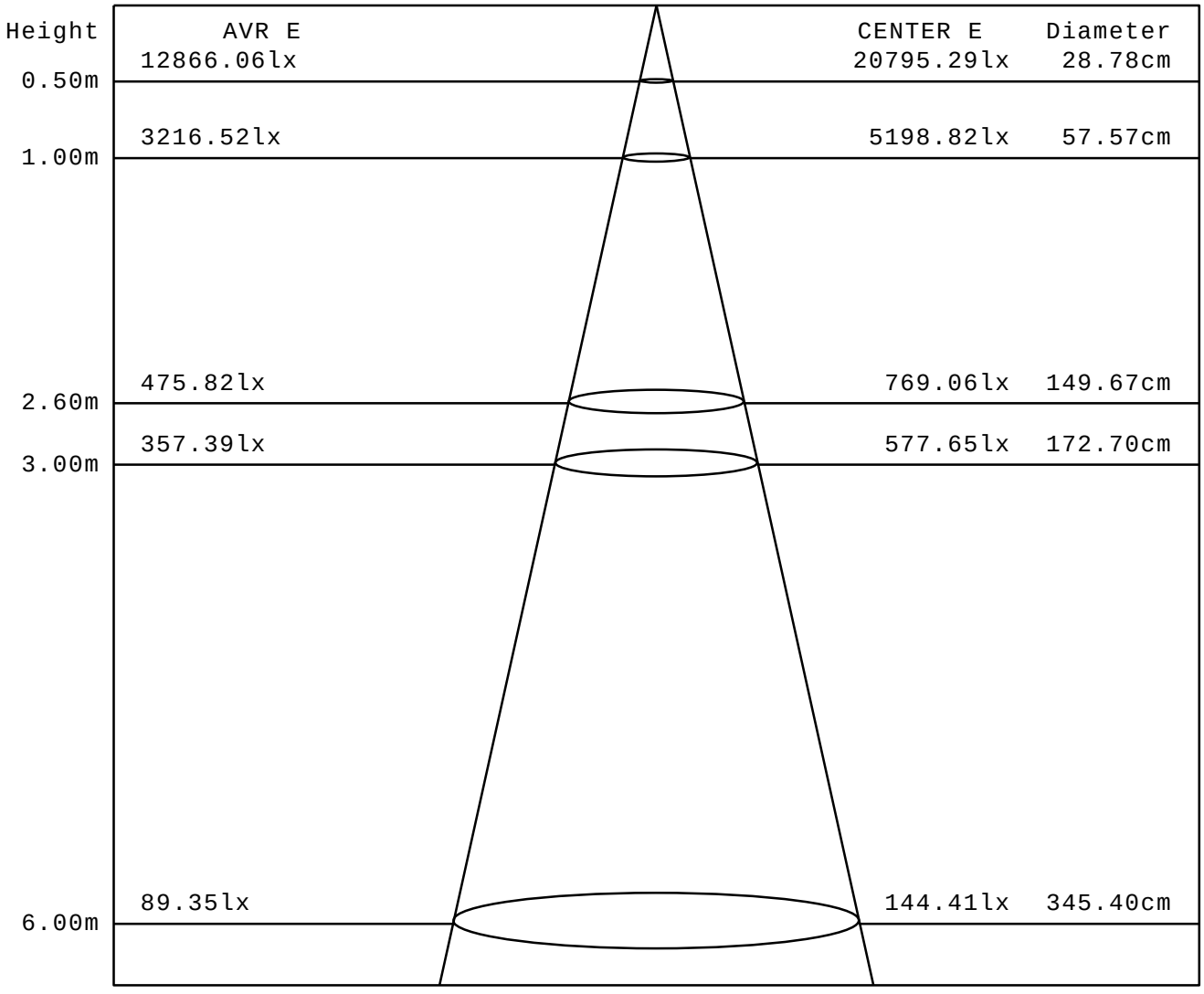
Scan Range: 380nm-780nmIntegral Time: 7.0ms Peak Signal: 7000 Dark Signal: 53422

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 lamp, 3500K, 22W, CRI94, IP65, matte black	SKU: BEAM-22W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:32.1deg

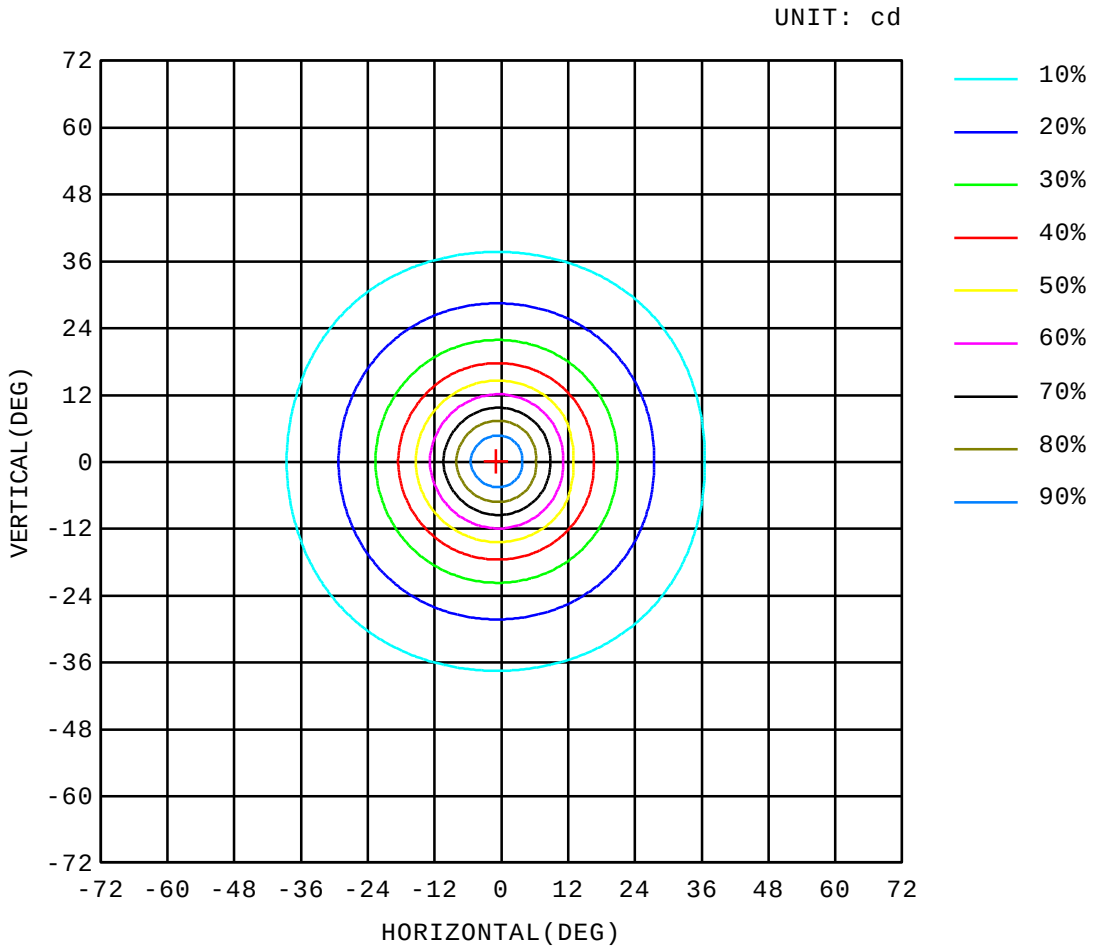
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: LED BEAM directional floor/wall/ceiling lamp, 3500K, 22W, CRI94, IP65, matte black	SKU: BEAM-22W-MAA	TYPE: LED
SPECIFICATION: LED floor/wall/ceiling light	NOTES: Color temperature adjustable	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: