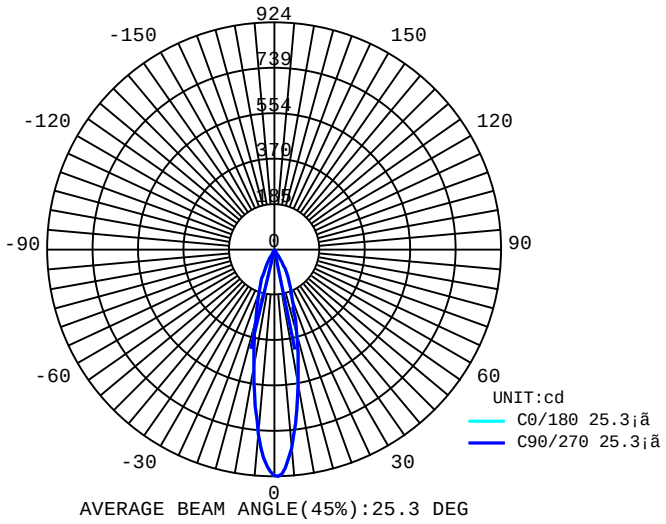
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED TILT directional ground/ceiling/wall light, 3000K, 2W, CRI96, IP65, matte black	SKU: TILT-3000	TYPE: LED
SPECIFICATION: LED ground/ceiling/wall light	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	923.8	S/MH(C0/180)	0.41
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.41
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	230.69	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	111.4	Current(A)	0.009
NOMINAL FLUX(lm)	230.7	η up(%)	0.0	Power(W)	2.070
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	206.4	EEI	0.091(A++)

LUMINOUS INTENSITY DISTRIBUTION



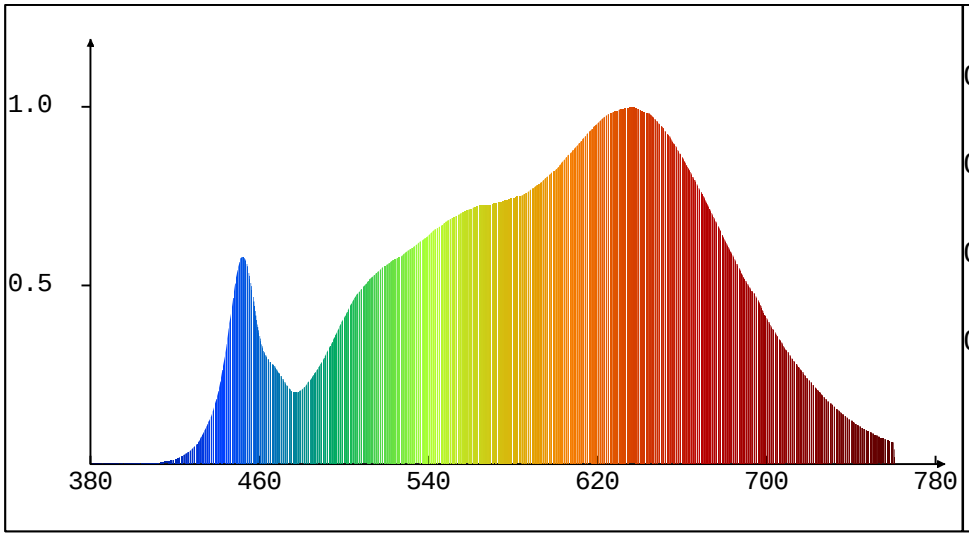
AVERAGE BEAM ANGLE(45%):25.3 DEG

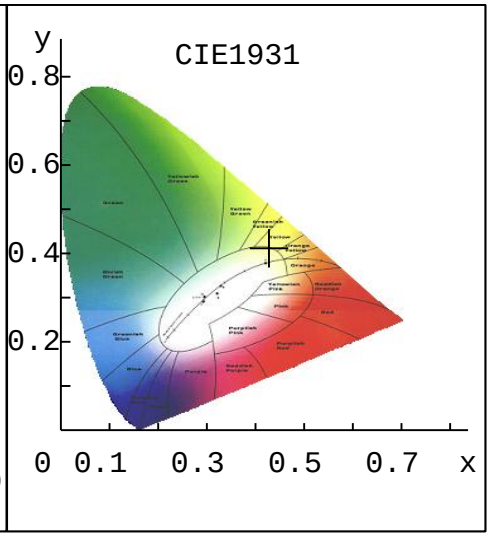
Test System:HopooColor HP880	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:1.000 m
Test Date:09-20-2024	Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
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Avg Chro. Para.

CCT: 3149K Chro. Coor.: xa=0.4310 ya=0.4099 u'a=0.2443 v'a=0.5228 ¦¤u'v'=0.0015

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4282 y=0.4078 u'=0.2434 v'=0.5215 duv=0.0028

CCT: 3181K Dominant Wave: 581.1nm Purity: 50.9% Light Intensity: 3918.5cd

Flux RGB Ratio: R=51.9%,G=36.1%,B=12.0% Peak Wave: 636.8nm Half Width: 181.8nm

Rendering Index: Ra= 96.0

R1 =97	R2 =96	R3 =93	R4 =98	R5 =96	R6 =94	R7 =99	R8 =95
R9 =86	R10=89	R11=97	R12=79	R13=96	R14=96	R15=95	

Instrument State

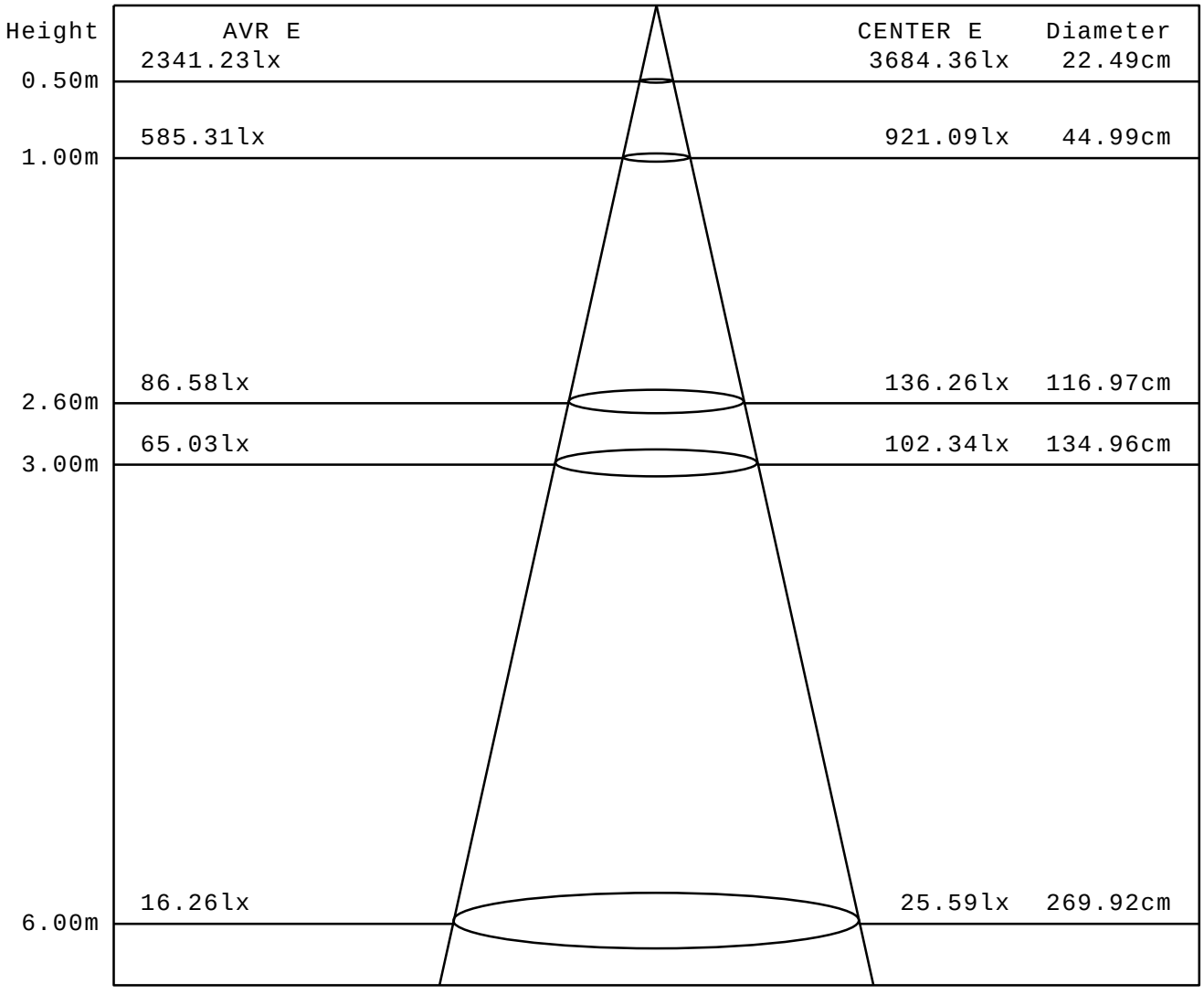
Scan Range: 380nm-780nmIntegral Time: 37.0ms Peak Signal: 37000 Dark Signal: 53626

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 TILT directional ground/ceiling/wall light, 3000K, 2W, CRI96, IP65, matte black	SKU: TILT-3000	TYPE: LED
SPECIFICATION: LED ground/ceiling/wall light	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:25.4deg

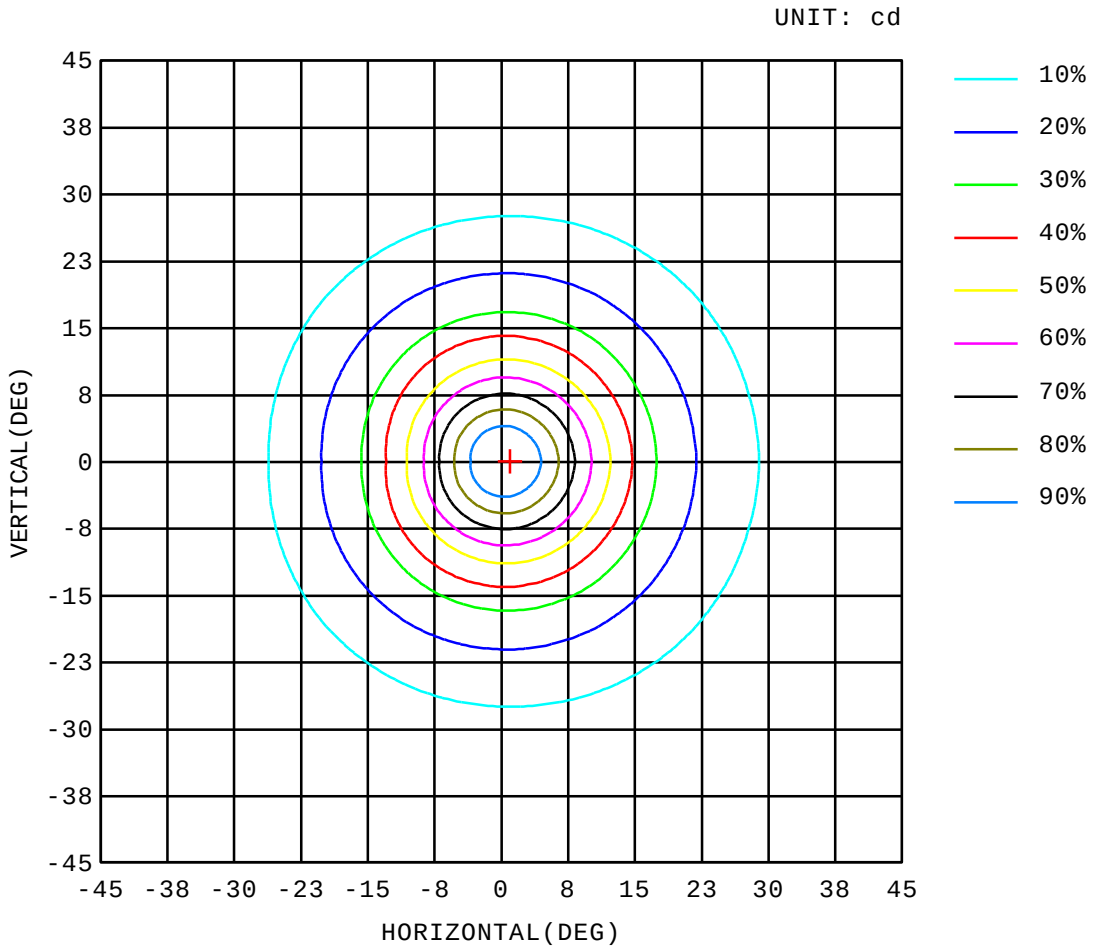
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
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SPECIFICATION: LED ground/ceiling/wall light	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: