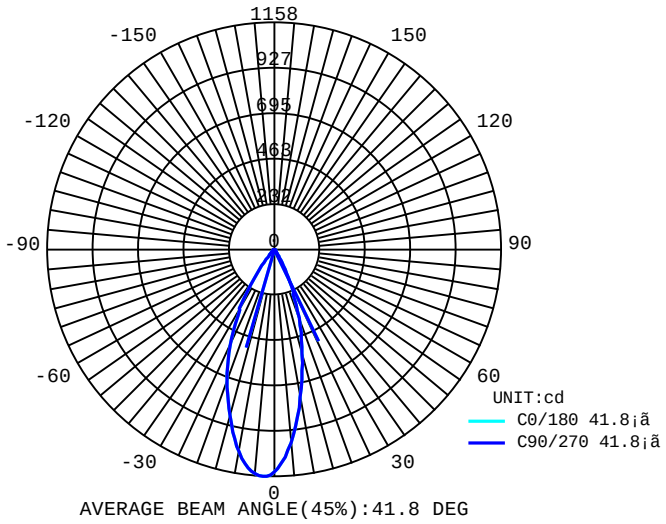
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED MR16 (GU5.3), 40°, high CRI96, spot 5W, 4000K	SKU: MR16-GU5.3-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1158	S/MH(C0/180)	0.48
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.48
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	580.94	Voltage(V)	12.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	127.4	Current(A)	0.380
NOMINAL FLUX(lm)	580.9	η up(%)	0.0	Power(W)	4.560
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effictive Flux(lm)	516.7	EEI	0.101(A++)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):41.8 DEG

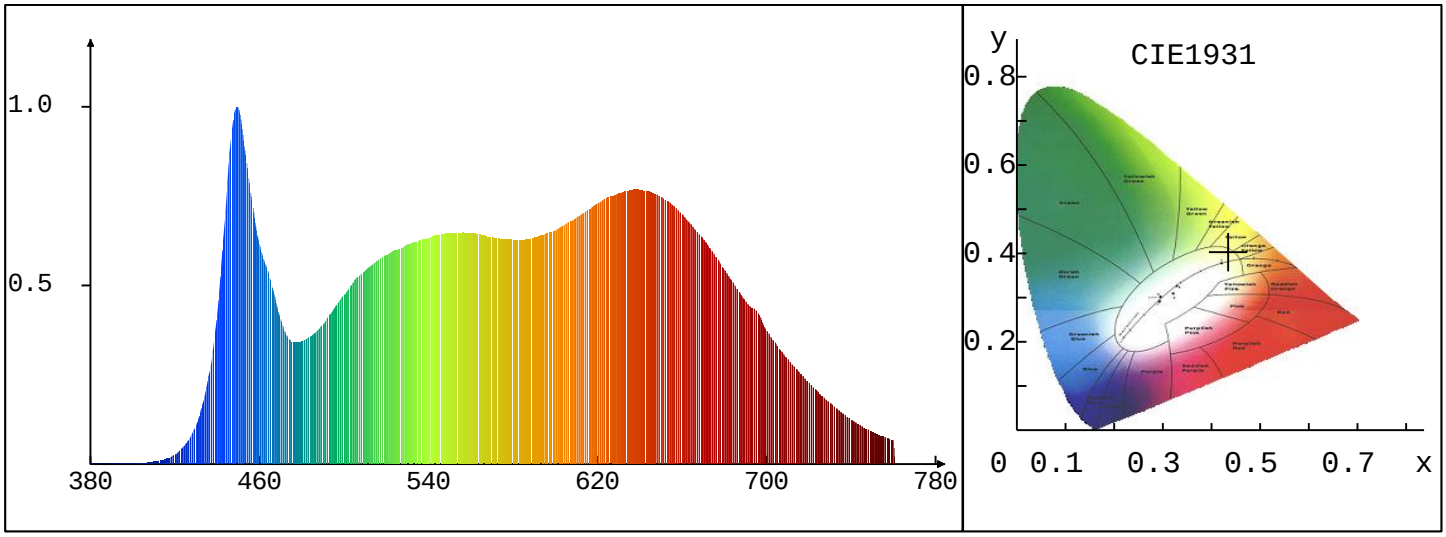
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: LED MR16 (GU5.3), 40°, high CRI96, spot 5W, 4000K	SKU: MR16-GU5.3-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Avg Chro. Para.

CCT: 4217K Chro. Coor.: xa=0.3695 ya=0.3627 u'a=0.2235 v'a=0.4936 ¦¤u'v'=0.0018

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3671 y=0.3605 u'=0.2228 v'=0.4922 duv=-0.0037

CCT: 4275K Dominant Wave: 580.8nm Purity: 18.3% Light Intensity: 4191.1cd

Flux RGB Ratio: R=44.5%,G=34.9%,B=20.5% Peak Wave: 448.6nm Half Width: 24.2nm

Rendering Index: Ra= 96.4

R1 =97	R2 =99	R3 =93	R4 =96	R5 =99	R6 =96	R7 =98	R8 =95
R9 =88	R10=96	R11=94	R12=79	R13=98	R14=96	R15=95	

Instrument State

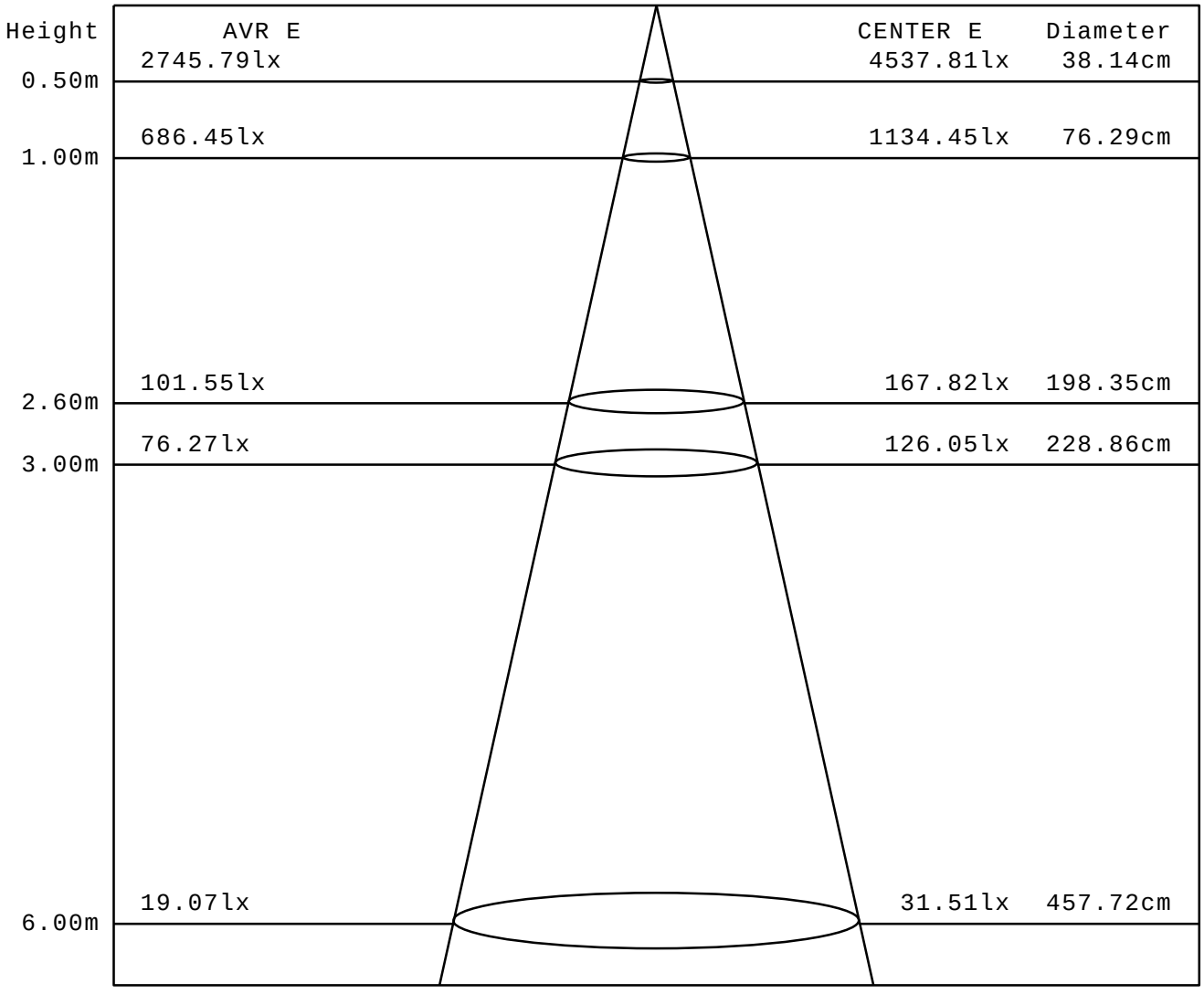
Scan Range: 380nm-780nmIntegral Time: 32.0ms Peak Signal: 32000 Dark Signal: 61833

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 MR16 (GU5.3), 40°, high CRI96, spot 5W, 4000K	SKU: MR16-GU5.3-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:41.8deg

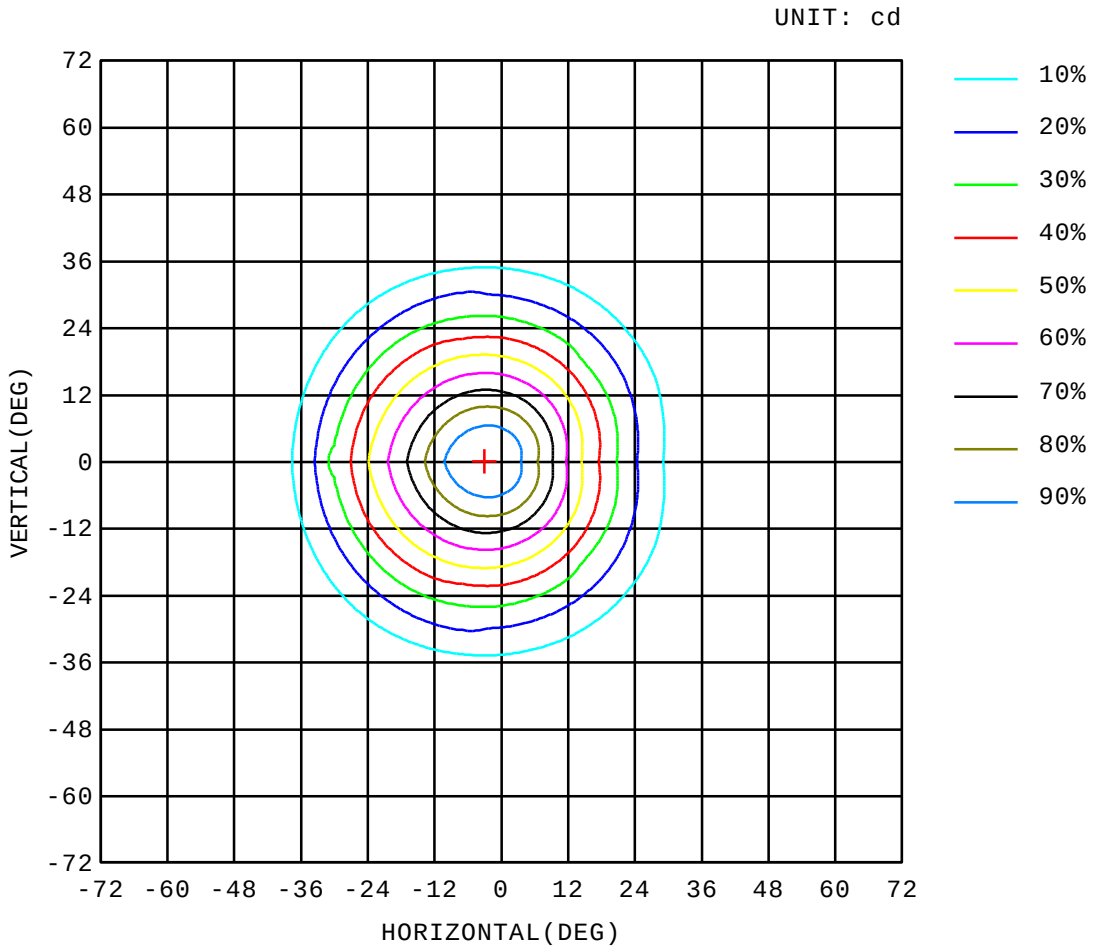
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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: LED MR16 (GU5.3), 40°, high CRI96, spot 5W, 4000K	SKU: MR16-GU5.3-4000	TYPE: LED
SPECIFICATION: LED spot	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: