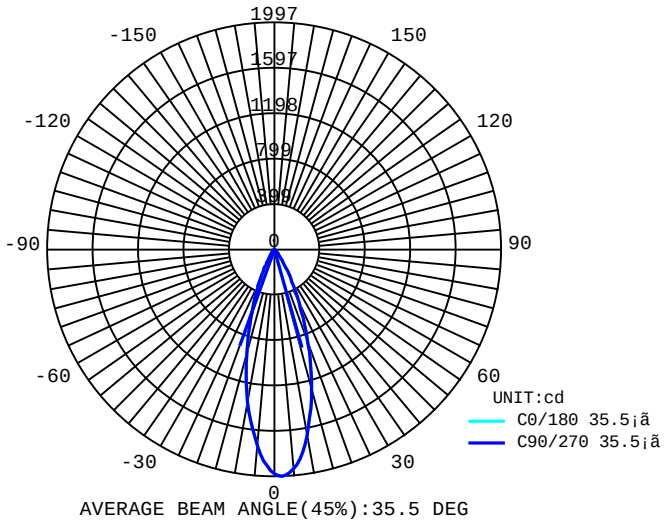
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED E27 PAR20, 45°, high CRI92, dimmable spot 8W, 4000K	SKU: PAR-7W-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1997	S/MH(C0/180)	0.61
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.61
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	783.76	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	97.4	Current(A)	0.035
NOMINAL FLUX(lm)	783.8	η up(%)	0.0	Power(W)	8.050
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	676.0	EEI	0.144(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):35.5 DEG

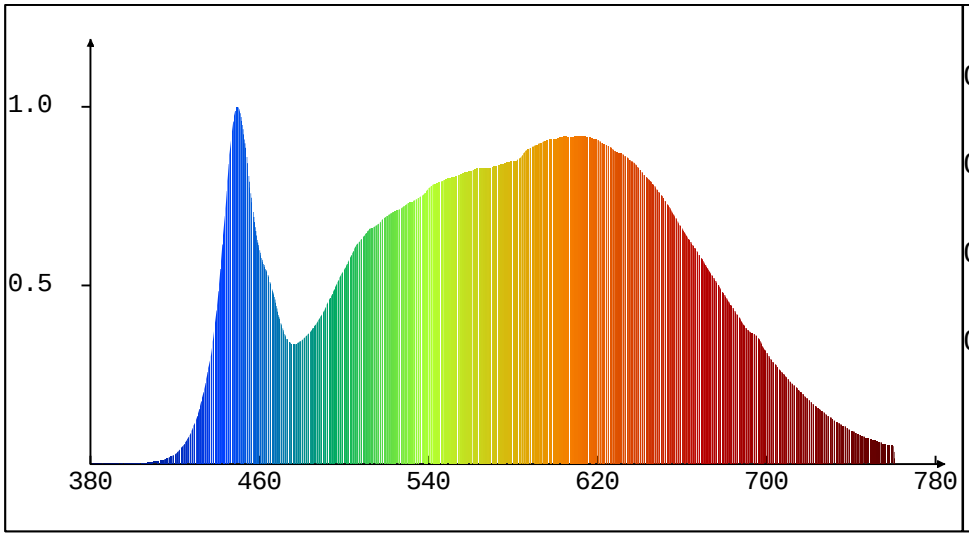
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

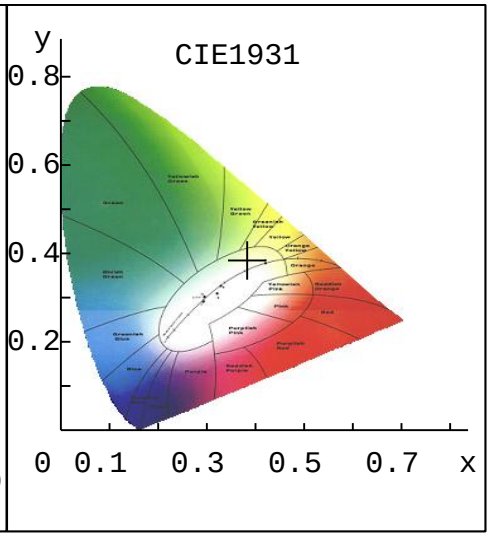
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
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Avg Chro. Para.

CCT: 3993K Chro. Coor.: xa=0.3823 ya=0.3824 u'a=0.2241 v'a=0.5043 ¦¤u'v'=0.0011

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3832 y=0.3812 u'=0.2251 v'=0.5039 duv=0.0013

CCT: 3959K Dominant Wave: 578.6nm Purity: 29.4% Light Intensity: 9251.4cd

Flux RGB Ratio: R=41.1%,G=39.9%,B=19.0% Peak Wave: 448.6nm Half Width: 24.2nm

Rendering Index: Ra= 92.0

R1 =92	R2 =94	R3 =95	R4 =93	R5 =91	R6 =92	R7 =94	R8 =85
R9 =61	R10=85	R11=93	R12=73	R13=92	R14=97	R15=89	

Instrument State

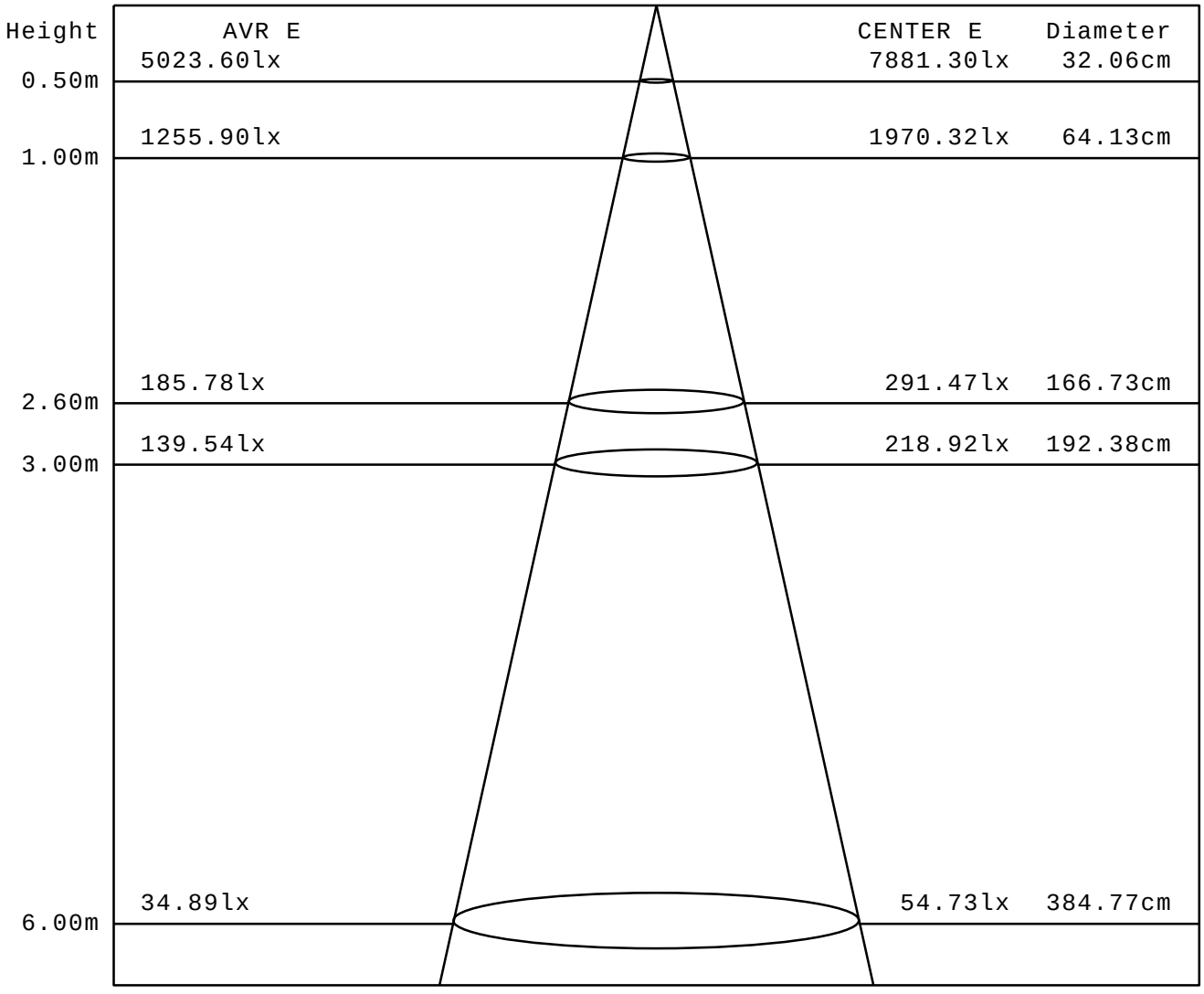
Scan Range: 380nm-780nmIntegral Time: 15.0ms Peak Signal: 15000 Dark Signal: 52428

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 E27 PAR20, 45°, high CRI92, dimmable spot 8W, 4000K	SKU: PAR-7W-4000	TYPE: LED
SPECIFICATION: LED spot	NOTES: Single color	MEASURED BY: Lamppukauppa Led Store Oy



Angle:35.6deg

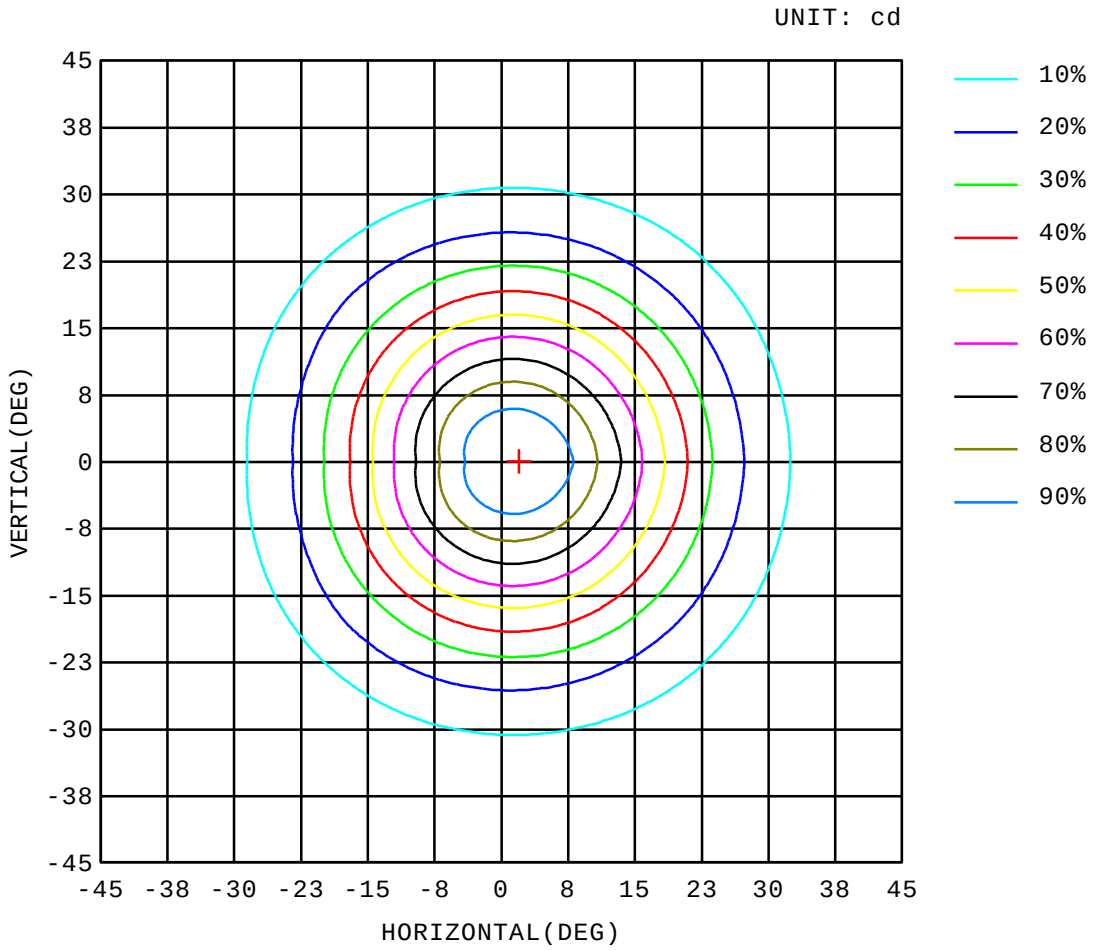
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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 E27 PAR20, 45°, high CRI92, dimmable spot 8W, 4000K	SKU: PAR-7W-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: