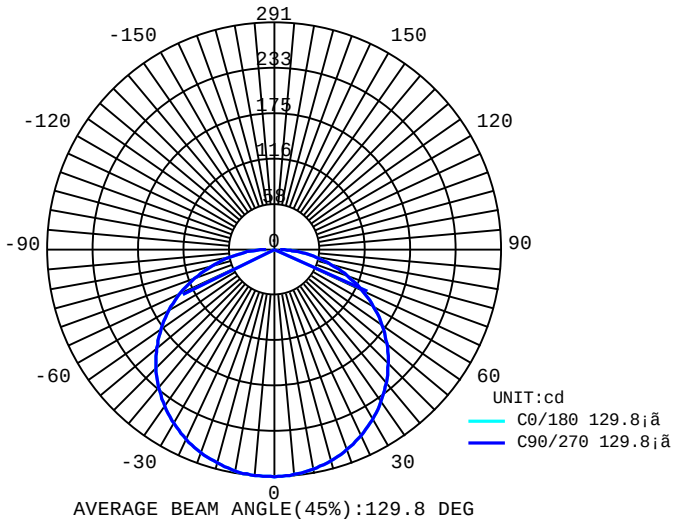
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K	SKU: Plafond280-CCT	TYPE: LED
SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	290.9	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	943.21	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	83.6	Current(A)	0.470
NOMINAL FLUX(lm)	943.2	η up(%)	0.0	Power(W)	11.28
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	933.5	EEI	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):129.8 DEG

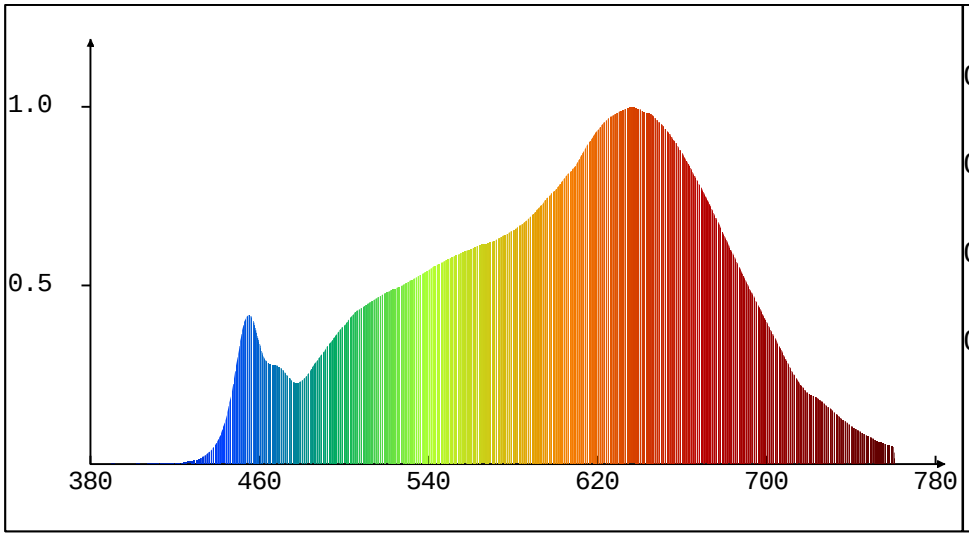
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

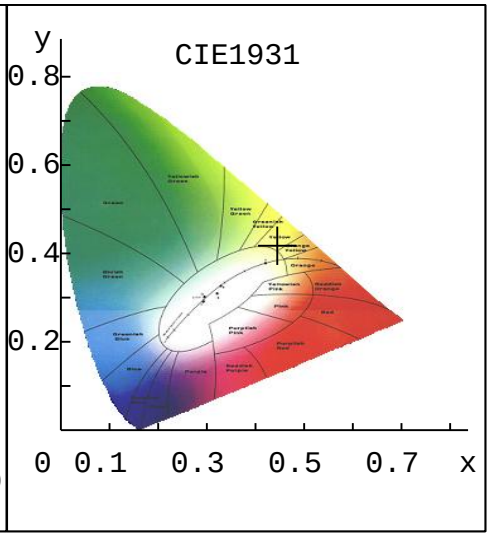
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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

CCT: 2943K Chro. Coor.: xa=0.4452 ya=0.4137 u'a=0.2517 v'a=0.5263 ¦¤u'v'=0.0000

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.4452 y=0.4137 u'=0.2517 v'=0.5263 duv=0.0027

CCT: 2942K Dominant Wave: 582.2nm Purity: 57.8% Light Intensity: 932.9cd

Flux RGB Ratio: R=55.2%,G=34.2%,B=10.7% Peak Wave: 636.8nm Half Width: 164.2nm

Rendering Index: Ra= 97.3

R1 =98	R2 =99	R3 =98	R4 =96	R5 =98	R6 =97	R7 =97	R8 =97
R9 =97	R10=98	R11=95	R12=85	R13=98	R14=98	R15=98	

Instrument State

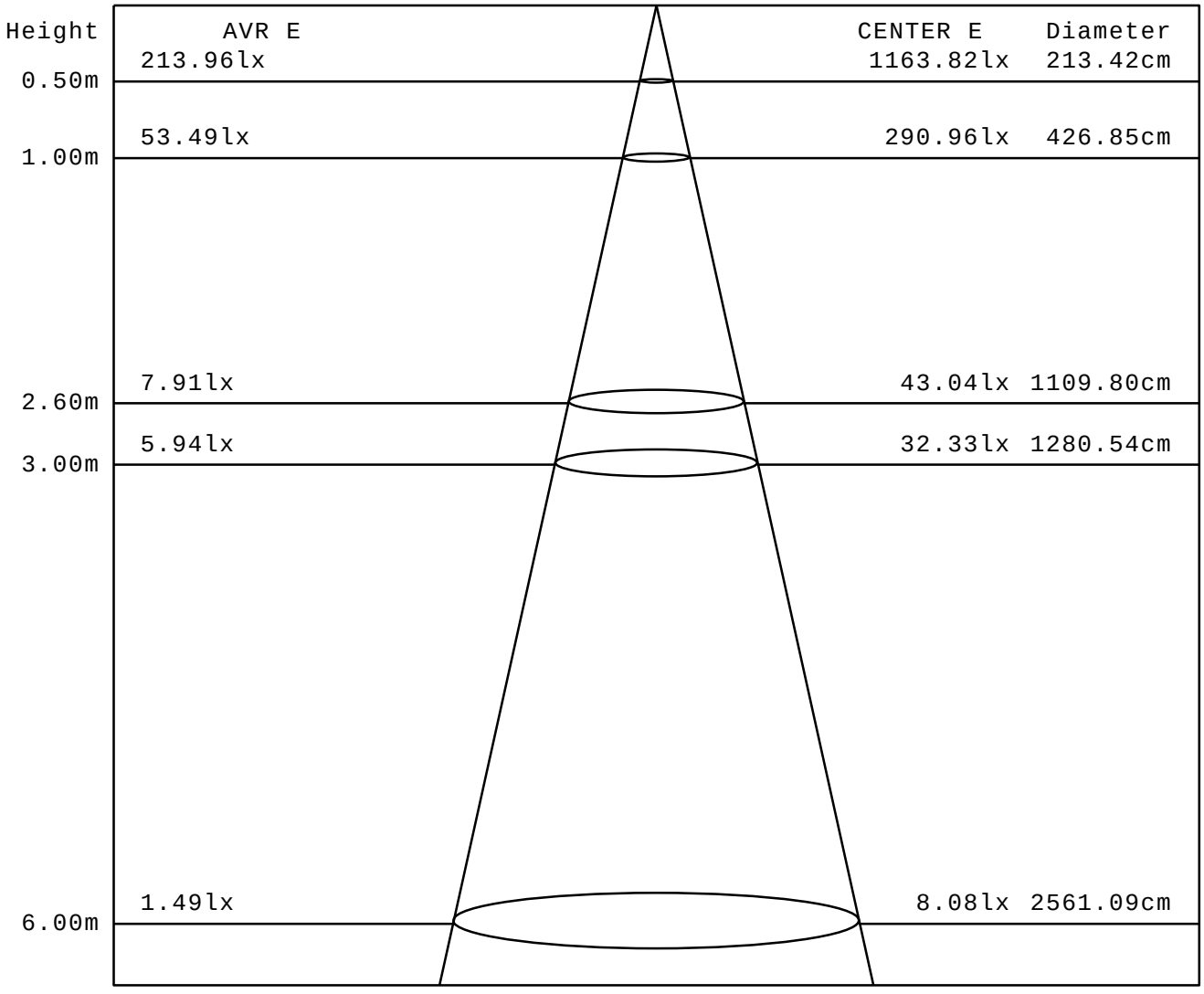
Scan Range: 380nm-780nmIntegral Time: 140.0ms Peak Signal: 140000 Dark Signal: 53740

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: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K	SKU: Plafond280-CCT	TYPE: LED
SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:129.8deg

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

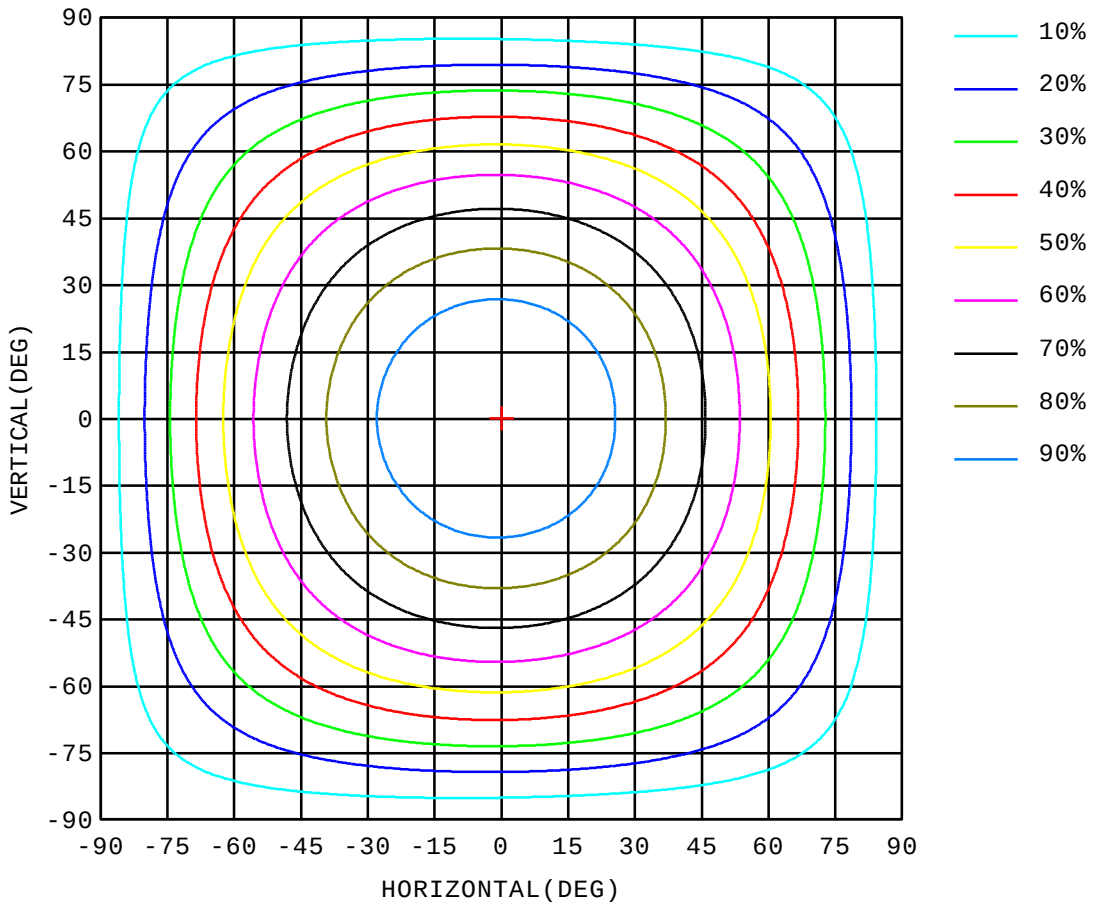
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: Surface mounted LED PLAFOND 280 12W, IP54, dimmable, high CRI97, CCT adjustable 2900-4200-5300K	SKU: Plafond280-CCT	TYPE: LED
SPECIFICATION: LED panel, measured at the warm end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

UNIT: cd



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: