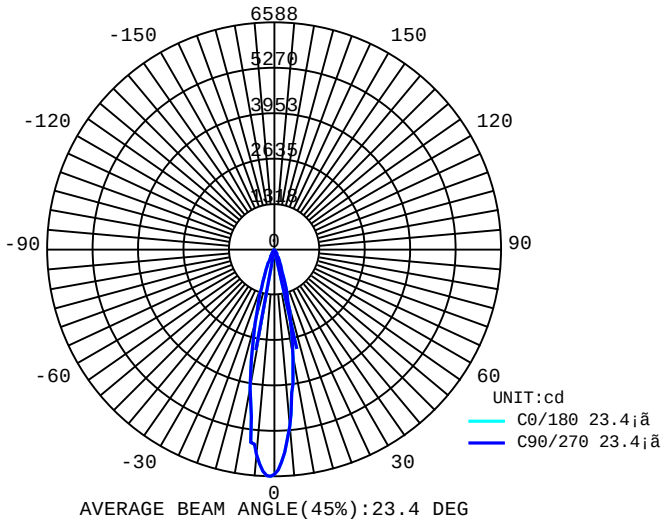
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight —KOLO ROUND, CCT 2800-6600K,dimmable, Pull-out 10W, high CRI96	SKU: KOLO	TYPE: LED
SPECIFICATION: LED downlight, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	6588	S/MH(C0/180)	0.33
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.33
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	1275.5	Voltage(V)	24.00
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	129.2	Current(A)	0.235
NOMINAL FLUX(lm)	1275.6	η up(%)	0.0	Power(W)	9.870
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	1043.4	EEI	0.124(A+)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):23.4 DEG

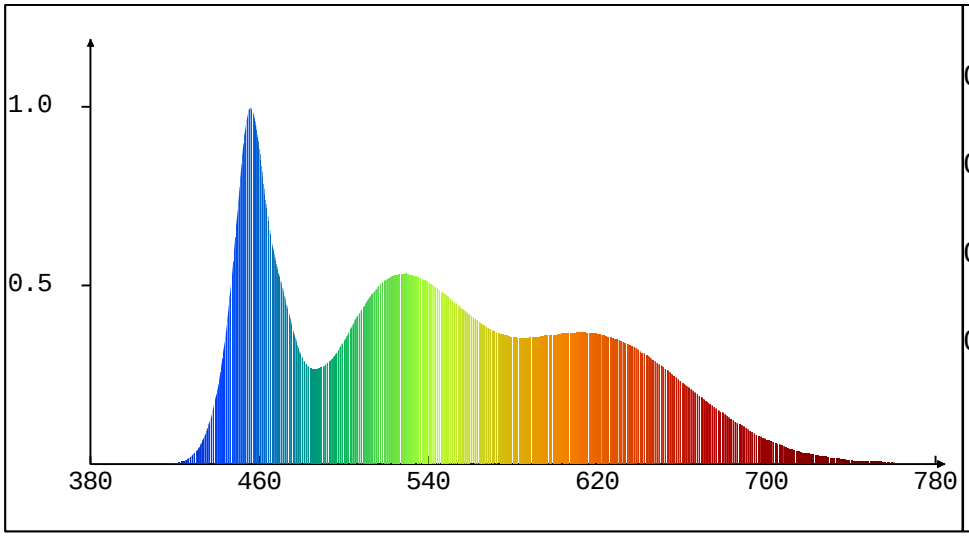
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

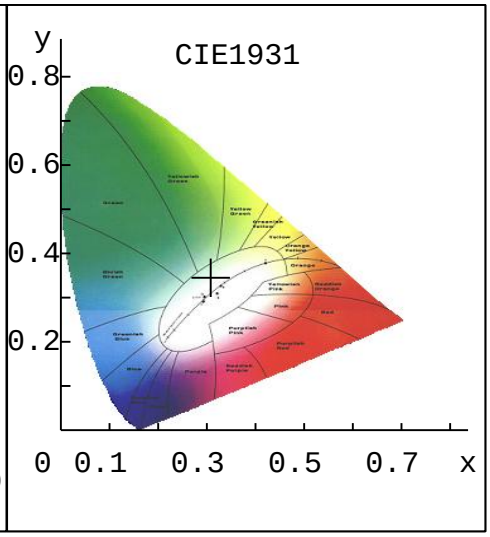
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED downlight —KOLO ROUND, CCT 2800-6600K,dimmable, Pull-out 10W, high CRI96	SKU: KOLO	TYPE: LED
SPECIFICATION: LED downlight, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy





Avg Chro. Para.

CCT: 6587K Chro. Coor.: xa=0.3093 ya=0.3421 u'a=0.1907 v'a=0.4746 ¦¤u'v'=0.0006

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3084 y=0.3416 u'=0.1903 v'=0.4742 duv=0.0116

CCT: 6636K Dominant Wave: 496.0nm Purity: 7.9% Light Intensity: 248.9cd

Flux RGB Ratio: R=26.7%,G=42.4%,B=30.9% Peak Wave: 454.7nm Half Width: 24.0nm

Rendering Index: Ra= 92.2

R1 =93	R2 =94	R3 =94	R4 =91	R5 =90	R6 =91	R7 =96	R8 =90
R9 =70	R10=85	R11=90	R12=59	R13=93	R14=97	R15=89	

Instrument State

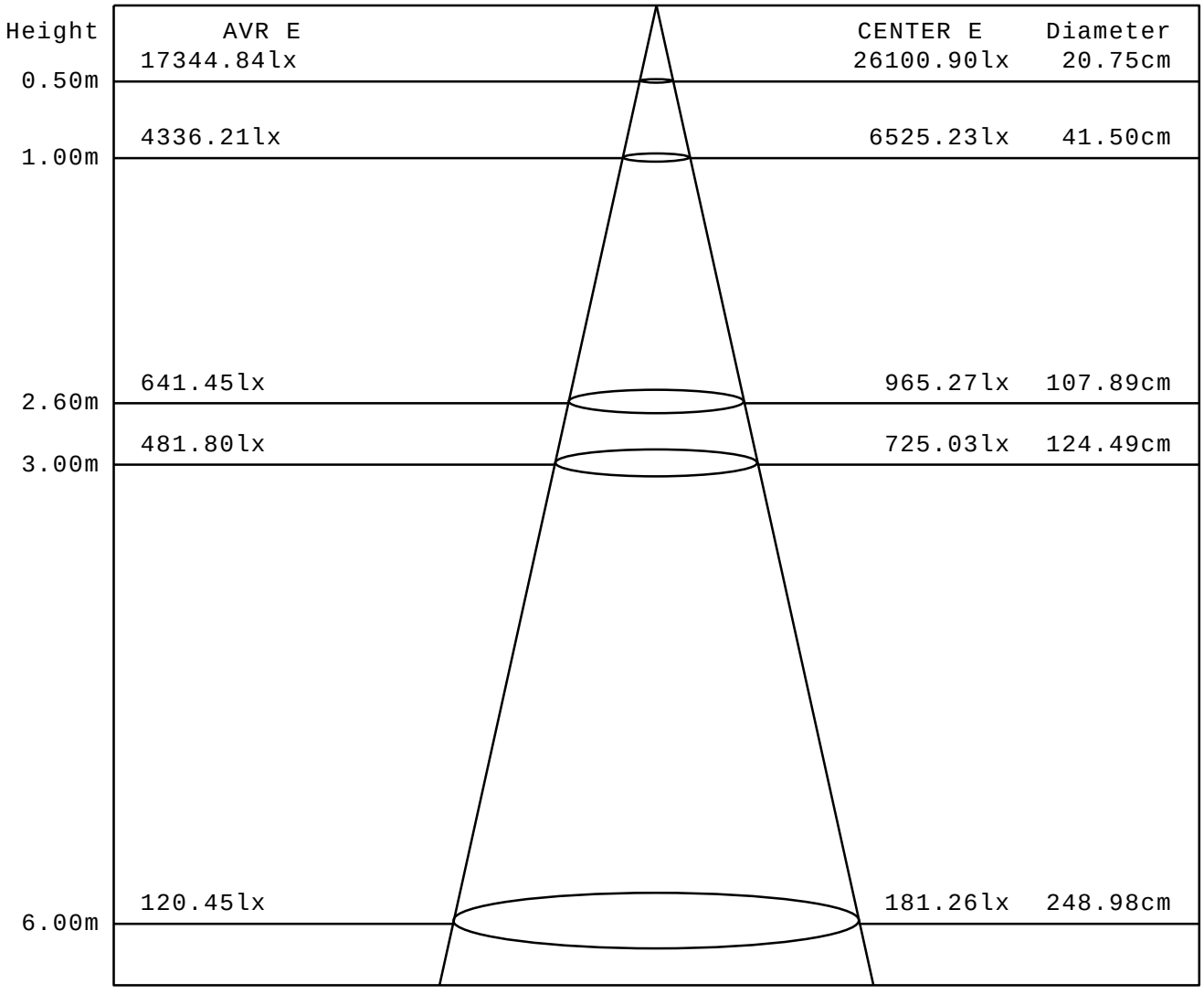
Scan Range: 380nm-780nmIntegral Time: 310.0ms Peak Signal: 310000 Dark Signal: 53678

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 downlight —KOLO ROUND, CCT 2800-6600K,dimmable, Pull-out 10W, high CRI96	SKU: KOLO	TYPE: LED
SPECIFICATION: LED downlight, measured at the cool end of the color temperature range	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy



Angle:23.4deg

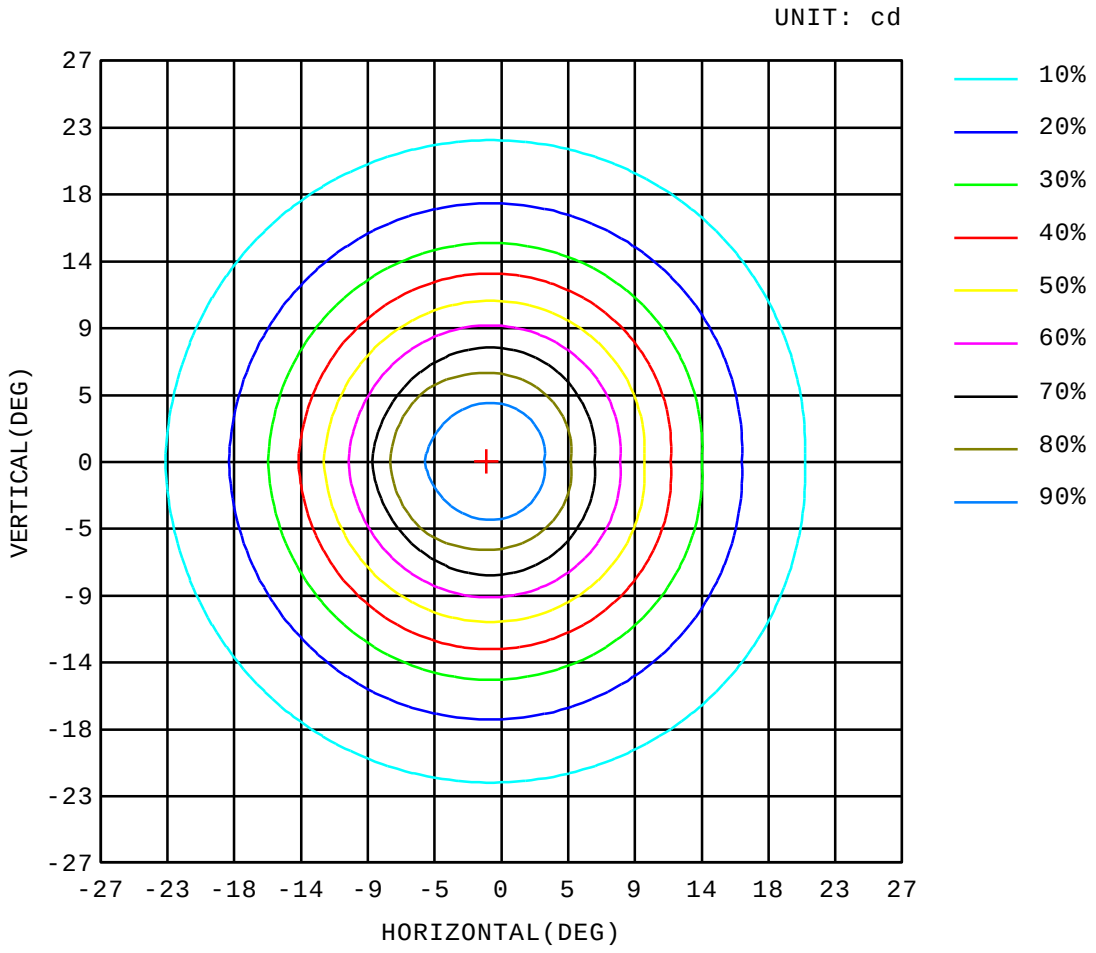
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

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		
NAME: LED downlight —KOLO ROUND, CCT 2800-6600K,dimmable, Pull-out 10W, high CRI96	SKU: KOLO	TYPE: LED
SPECIFICATION: LED downlight, measured at the cool end of the color temperature range	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: