

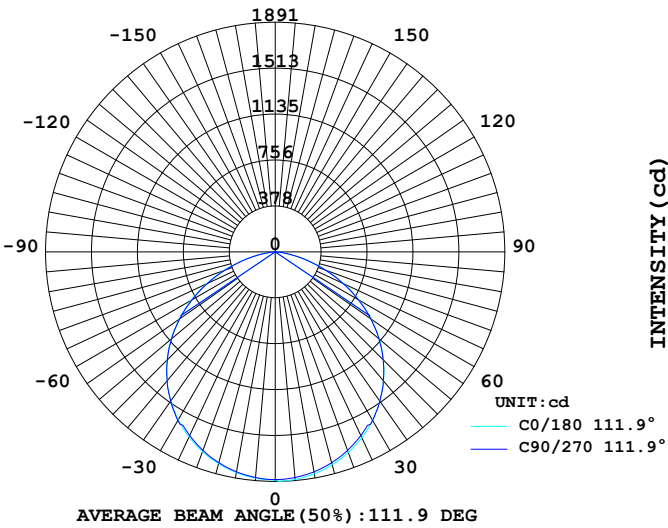
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

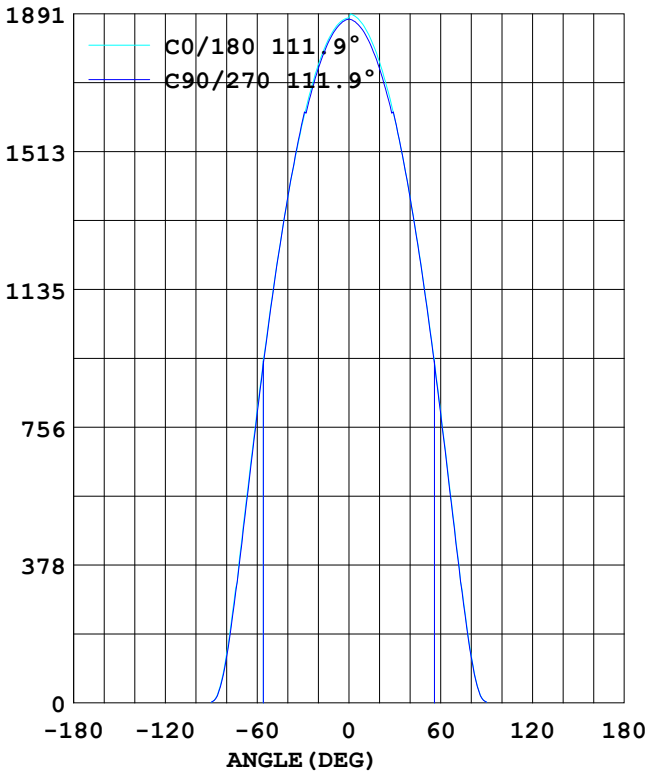
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Emilia CR	TYPE: IL-PL32-N04840-110	WEIGHT:
SPECIFICATION: 2835LED、4000K	DIMENSION: 595*595	SERIAL No.:

DATA OF LAMP		Imax(cd)	1892	S/MH (C0/180)	1.26
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	46	TOTAL FLUX(lm)	5133.4	Voltage(V)	226.8
RATED VOLTAGE (V)	226	EFFICIENCY (lm/W)	113.7	Current(A)	0.208
NOMINAL FLUX(lm)	5133.4	$\eta$ up (%)	0.0	Power (W)	45.13
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.956
TEST VOLTAGE (V)	226.9	Effective Flux(lm)	5133.4	EEI	0.132

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025.07.16

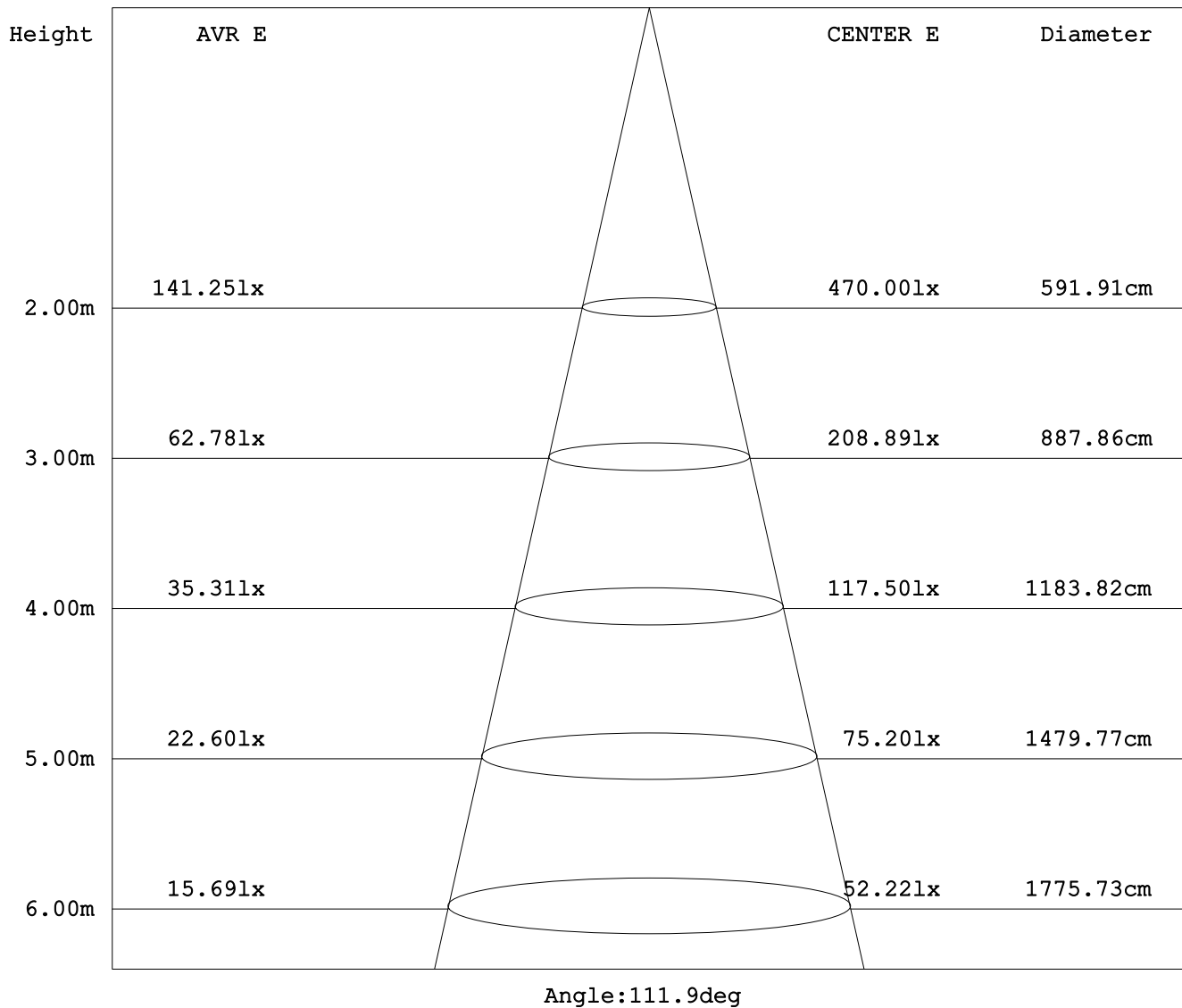
Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

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# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Emilia CR	TYPE:IL-PL32-N04840-110	WEIGHT:
SPECIFICATION:2835LED、4000K	DIMENSION: 595*595	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zOne	total
5.0	1870	1861	1865	1883	1881	1883	1865	1861	0- 5	44.85	44.85
10.0	1846	1835	1840	1857	1856	1857	1840	1835	5- 10	132.9	177.8
15.0	1806	1793	1797	1815	1814	1815	1797	1793	10- 15	216.4	394.2
20.0	1751	1736	1740	1758	1758	1758	1740	1736	15- 20	292.6	686.9
25.0	1681	1664	1668	1686	1687	1686	1668	1664	20- 25	358.9	1046
30.0	1597	1578	1604	1599	1602	1599	1604	1578	25- 30	413.6	1460
35.0	1499	1477	1502	1498	1502	1498	1502	1477	30- 35	454.8	1914
40.0	1385	1359	1386	1380	1387	1380	1386	1359	35- 40	479.2	2394
45.0	1259	1231	1257	1252	1260	1252	1257	1231	40- 45	486.8	2881
50.0	1119	1088	1115	1108	1118	1108	1115	1088	45- 50	476.5	3357
55.0	966.2	932.8	959.7	952.4	964.6	952.4	959.7	932.8	50- 55	447.9	3805
60.0	802.2	766.2	793.3	784.9	799.5	784.9	793.3	766.2	55- 60	401.6	4207
65.0	625.5	590.8	615.1	608.3	621.7	608.3	615.1	590.8	60- 65	339.1	4546
70.0	449.1	435.2	438.1	437.6	444.6	437.6	438.1	435.2	65- 70	264.0	4810
75.0	282.0	245.3	270.4	258.3	277.3	258.3	270.4	245.3	70- 75	181.0	4991
80.0	132.8	106.3	124.8	115.2	129.2	115.2	124.8	106.3	75- 80	100.6	5092
85.0	34.27	19.68	31.18	23.67	32.78	23.67	31.18	19.68	80- 85	36.74	5128
90.0	2.080	0	1.980	0	1.980	0	1.980	0	85- 90	5.097	5133
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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## Uncorrected UGR Table

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MANUFACTURER: ILUMEN GMBH						Address:					
NAME: Emilia CR						TYPE:IL-PL32-N04840-110			WEIGHT:		
SPECIFICATION:2835LED、4000K						DIMENSION: 595*595		SERIAL No.:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	18.3	19.8	18.5	20.0	20.2	18.2	19.7	18.5	19.9	20.1	
3H	19.6	20.9	19.9	21.2	21.4	19.5	20.9	19.8	21.1	21.3	
4H	19.9	21.3	20.3	21.5	21.8	19.9	21.2	20.2	21.4	21.7	
6H	20.1	21.4	20.5	21.6	21.9	20.0	21.3	20.4	21.5	21.8	
8H	20.1	21.3	20.5	21.6	21.9	20.1	21.2	20.4	21.5	21.8	
12H	20.1	21.3	20.5	21.6	21.9	20.0	21.2	20.4	21.5	21.8	
4H 2H	18.8	20.1	19.1	20.3	20.6	18.7	20.1	19.1	20.3	20.6	
3H	20.2	21.3	20.6	21.6	21.9	20.1	21.3	20.5	21.6	21.9	
4H	20.7	21.7	21.1	22.0	22.4	20.6	21.7	21.0	22.0	22.3	
6H	21.0	21.9	21.3	22.2	22.6	20.9	21.8	21.3	22.1	22.5	
8H	21.0	21.8	21.4	22.2	22.6	20.9	21.7	21.3	22.1	22.5	
12H	21.0	21.8	21.4	22.1	22.6	20.9	21.7	21.3	22.0	22.5	
8H 4H	20.8	21.7	21.2	22.0	22.4	20.7	21.6	21.2	22.0	22.3	
6H	21.1	21.8	21.6	22.2	22.7	21.1	21.8	21.5	22.2	22.6	
8H	21.2	21.8	21.7	22.3	22.7	21.1	21.7	21.6	22.2	22.6	
12H	21.2	21.8	21.7	22.2	22.7	21.1	21.7	21.6	22.1	22.6	
12H 4H	20.8	21.6	21.2	21.9	22.3	20.7	21.5	21.1	21.9	22.3	
6H	21.1	21.8	21.6	22.2	22.6	21.1	21.7	21.5	22.1	22.5	
8H	21.2	21.7	21.7	22.2	22.7	21.1	21.6	21.6	22.1	22.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.5					+ 0.4 / - 0.4					

CIE Pub.117 Corrected 5133 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

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