

LUMINAIRE PHOTOMETRIC TEST REPORT

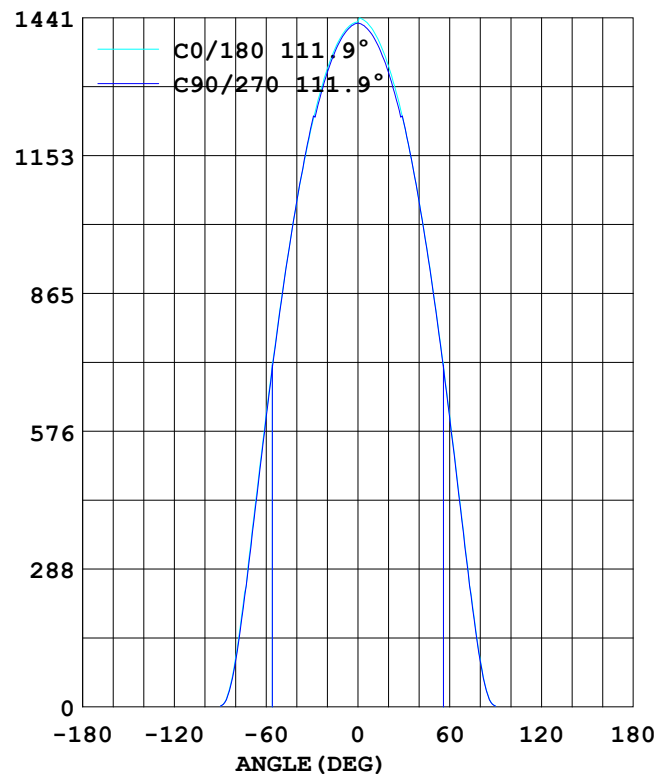
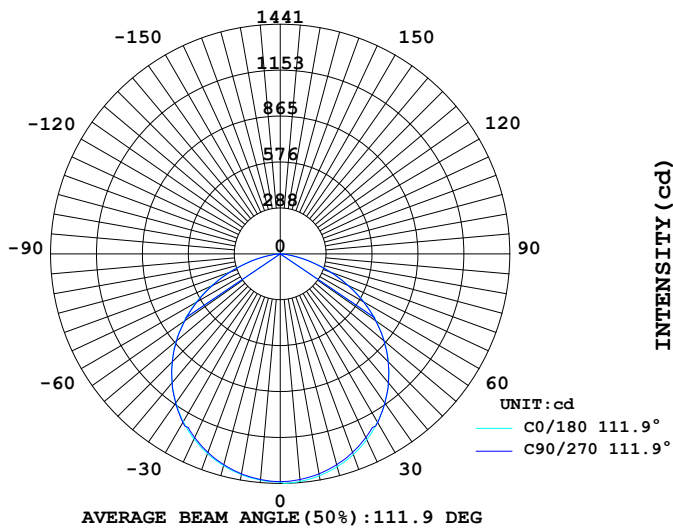
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Emilia CR	TYPE: IL-PL32-N03640-110	WEIGHT:
SPECIFICATION: 2835LED、4000K	DIMENSION: 595*595	SERIAL No.:

DATA OF LAMP		Imax(cd)	1442	S/MH (C0/180)	1.26
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER (W)	36	TOTAL FLUX (lm)	3912.5	Voltage (V)	226.8
RATED VOLTAGE (V)	226	EFFICIENCY (lm/W)	109.3	Current (A)	0.208
NOMINAL FLUX (lm)	3912.6	η up (%)	0.0	Power (W)	35.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.956
TEST VOLTAGE (V)	226.9	Effective Flux (lm)	3912.6	EEI	0.137

LUMINOUS INTENSITY DISTRIBUTION

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

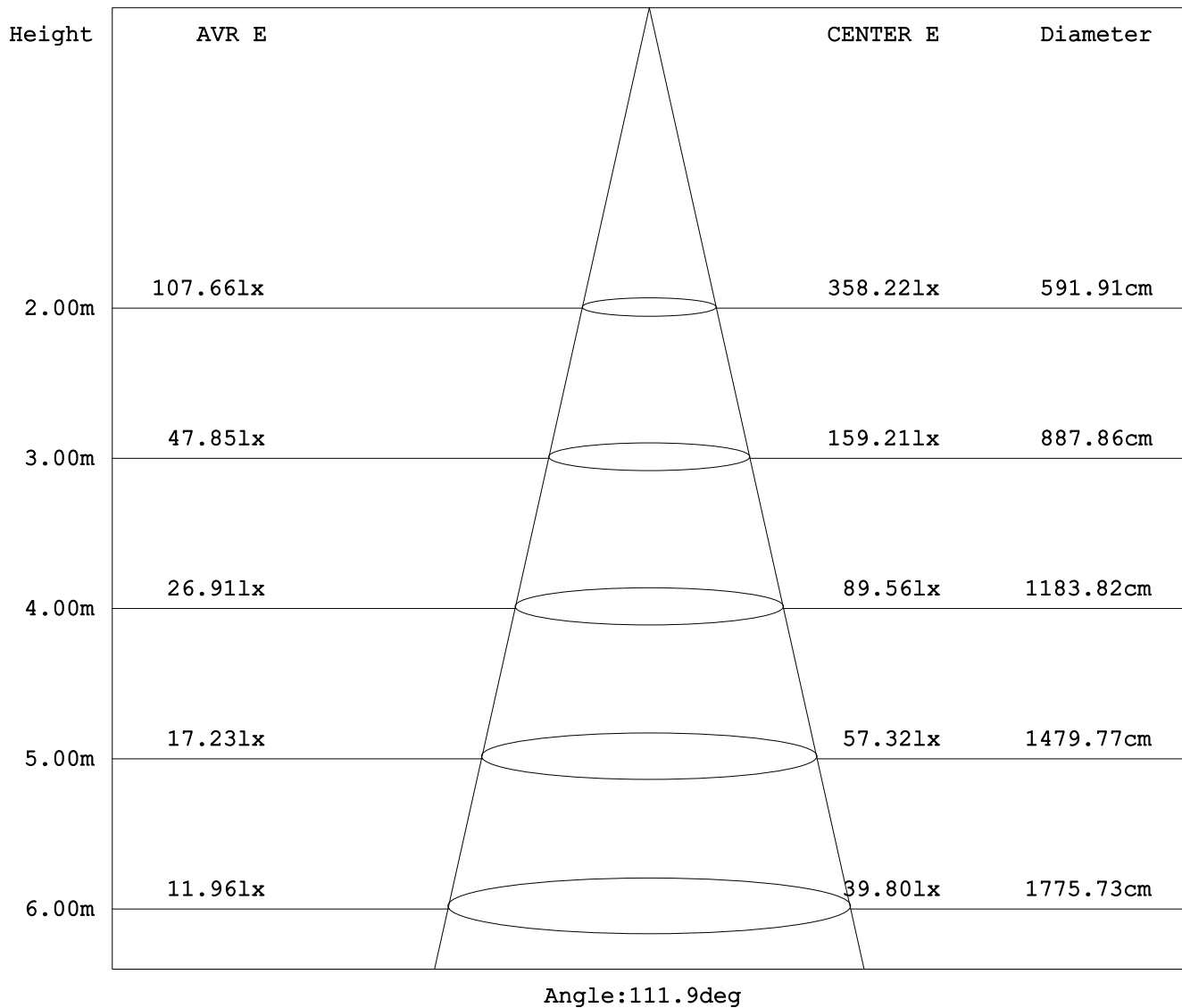
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zOne	total
5.0	1425	1418	1422	1435	1434	1435	1422	1418	0- 5	34.18	34.18
10.0	1407	1399	1402	1415	1415	1415	1402	1399	5- 10	101.3	135.5
15.0	1376	1367	1370	1383	1383	1383	1370	1367	10- 15	164.9	300.5
20.0	1334	1323	1327	1340	1340	1340	1327	1323	15- 20	223.0	523.5
25.0	1281	1268	1272	1285	1286	1285	1272	1268	20- 25	273.6	797.2
30.0	1217	1202	1222	1219	1221	1219	1222	1202	25- 30	315.2	1112
35.0	1142	1126	1145	1142	1145	1142	1145	1126	30- 35	346.6	1459
40.0	1055	1036	1056	1052	1057	1052	1056	1036	35- 40	365.2	1824
45.0	959.2	937.9	958.0	954.0	960.2	954.0	958.0	937.9	40- 45	371.0	2195
50.0	853.0	829.1	849.6	844.7	852.4	844.7	849.6	829.1	45- 50	363.2	2559
55.0	736.4	711.0	731.5	725.9	735.2	725.9	731.5	711.0	50- 55	341.4	2900
60.0	611.4	584.0	604.7	598.2	609.4	598.2	604.7	584.0	55- 60	306.1	3206
65.0	476.8	450.3	468.8	463.6	473.9	463.6	468.8	450.3	60- 65	258.4	3465
70.0	342.3	331.7	333.9	333.5	338.9	333.5	333.9	331.7	65- 70	201.2	3666
75.0	214.9	187.0	206.1	196.9	211.4	196.9	206.1	187.0	70- 75	138.0	3804
80.0	101.2	81.08	95.18	87.86	98.53	87.86	95.18	81.08	75- 80	76.74	3881
85.0	26.12	14.99	23.76	18.04	24.98	18.04	23.76	14.99	80- 85	28.00	3909
90.0	1.585	0	1.509	0	1.509	0	1.509	0	85- 90	3.885	3913
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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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	17.3	18.8	17.6	19.0	19.2	17.3	18.8	17.6	19.0	19.2
3H	18.6	20.0	18.9	20.2	20.5	18.5	19.9	18.8	20.2	20.4
4H	19.0	20.3	19.3	20.6	20.8	18.9	20.2	19.2	20.5	20.7
6H	19.2	20.4	19.5	20.7	21.0	19.1	20.3	19.4	20.6	20.9
8H	19.2	20.4	19.5	20.7	21.0	19.1	20.3	19.4	20.6	20.9
12H	19.2	20.3	19.5	20.6	20.9	19.1	20.2	19.4	20.5	20.8
4H 2H	17.8	19.1	18.1	19.4	19.6	17.8	19.1	18.1	19.4	19.6
3H	19.3	20.4	19.6	20.7	21.0	19.2	20.3	19.6	20.6	20.9
4H	19.7	20.8	20.1	21.1	21.4	19.7	20.7	20.1	21.0	21.4
6H	20.0	20.9	20.4	21.3	21.6	19.9	20.8	20.3	21.2	21.6
8H	20.0	20.9	20.5	21.3	21.6	20.0	20.8	20.4	21.2	21.6
12H	20.0	20.8	20.5	21.2	21.6	19.9	20.7	20.4	21.1	21.5
8H 4H	19.9	20.7	20.3	21.1	21.5	19.8	20.7	20.2	21.0	21.4
6H	20.2	20.9	20.6	21.3	21.7	20.1	20.8	20.6	21.2	21.6
8H	20.3	20.9	20.7	21.3	21.8	20.2	20.8	20.6	21.2	21.7
12H	20.3	20.8	20.8	21.3	21.7	20.2	20.7	20.7	21.2	21.6
12H 4H	19.8	20.6	20.3	21.0	21.4	19.8	20.6	20.2	20.9	21.3
6H	20.2	20.8	20.6	21.2	21.7	20.1	20.7	20.6	21.2	21.6
8H	20.3	20.8	20.7	21.2	21.7	20.2	20.7	20.7	21.2	21.6

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 3913 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

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