

LUMINAIRE PHOTOMETRIC TEST REPORT

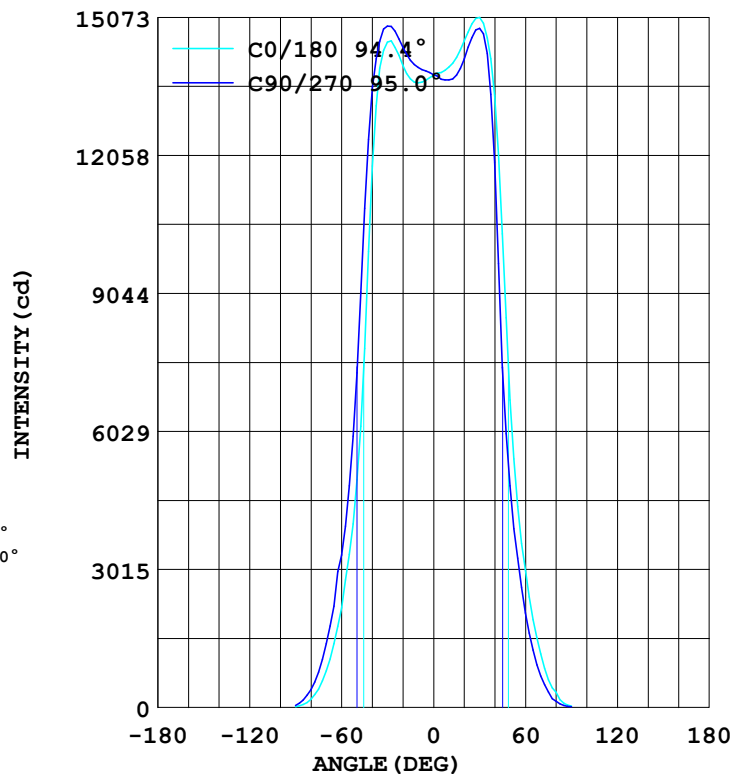
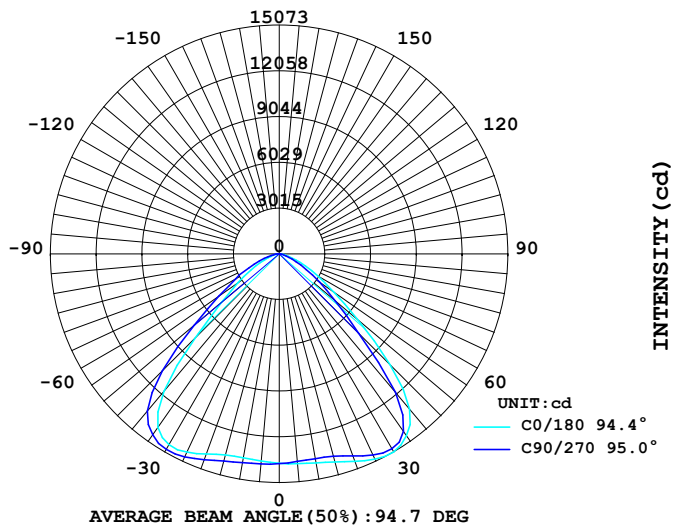
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L20040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	15108	S/MH (C0/180)	1.35
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.46
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	34097	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.1	Current(A)	0.207
NOMINAL FLUX(lm)	34097.0	η up (%)	0.0	Power(W)	200.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.3	Effective Flux(lm)	34097.0	EEI	0.088

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.25

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

Color Temperature Data List

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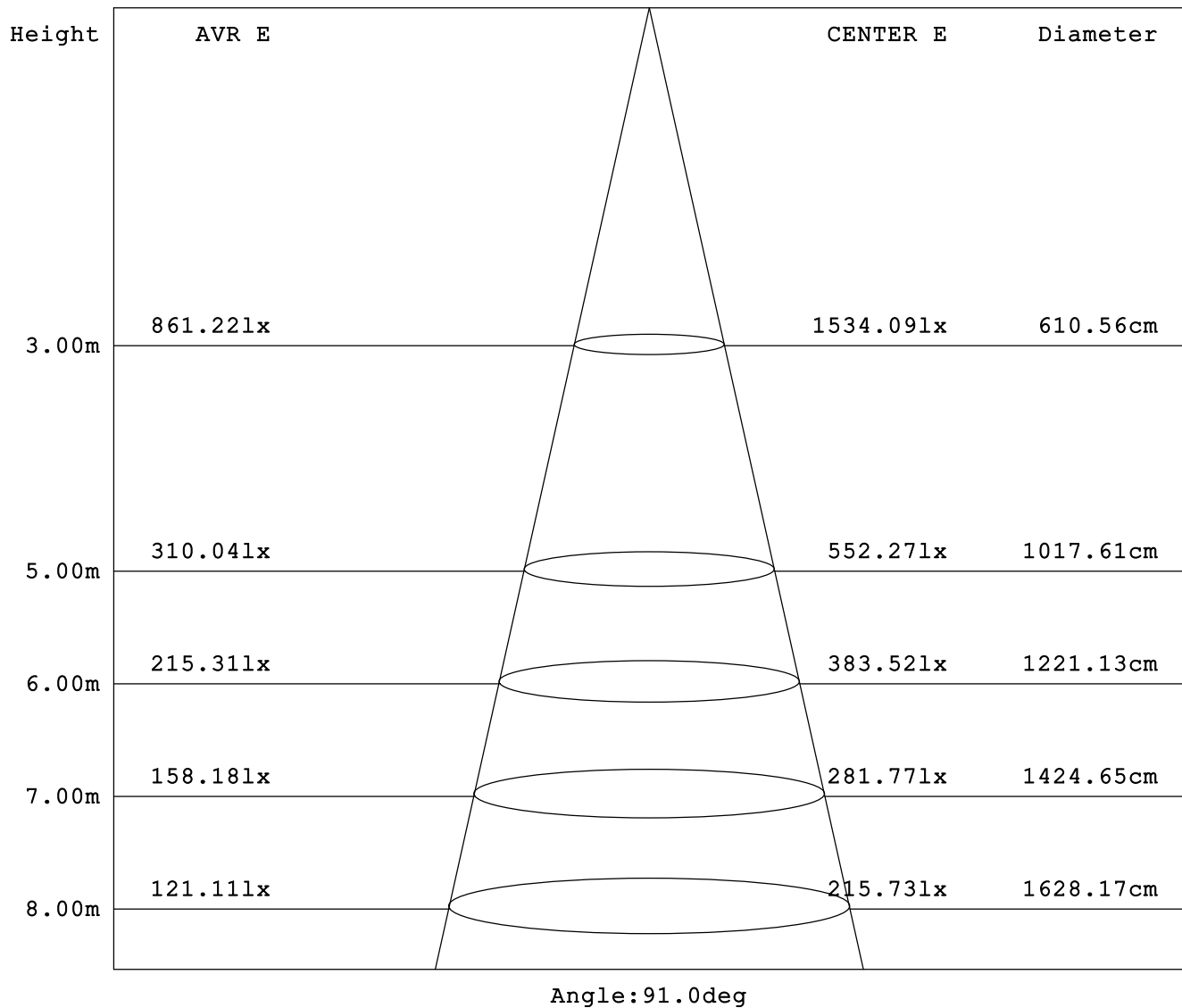
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Operators:
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AVERAGE AND CENTER E Figure

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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	1370	1379	1390	1390	1387	1381	1372	1368	0- 5	330.1	330.1
10.0	1364	1383	1398	1404	1399	1382	1371	1360	5- 10	987.7	1318
15.0	1373	1400	1413	1426	1420	1395	1381	1366	10- 15	1648	2966
20.0	1403	1426	1443	1463	1456	1424	1416	1393	15- 20	2327	5293
25.0	1441	1442	1477	1502	1493	1468	1463	1434	20- 25	3036	8330
30.0	1453	1424	1488	1508	1507	1487	1483	1448	25- 30	3728	12058
35.0	1396	1351	1455	1458	1463	1455	1428	1391	30- 35	4284	16341
40.0	1183	1132	1353	1314	1337	1331	1191	1180	35- 40	4497	20839
45.0	783.8	774.5	1090	1025	1034	1024	742.3	803.5	40- 45	4023	24861
50.0	497.6	534.8	731.1	664.5	671.5	641.5	483.8	538.1	45- 50	3005	27866
55.0	334.3	368.1	484.4	455.5	439.1	423.9	326.1	371.7	50- 55	2134	30000
60.0	217.9	242.2	332.9	323.7	300.8	301.0	206.8	241.0	55- 60	1539	31539
65.0	139.1	153.4	221.1	213.8	192.2	197.6	125.4	148.4	60- 65	1078	32617
70.0	80.12	88.26	139.6	132.3	117.2	122.9	68.62	82.37	65- 70	693.5	33310
75.0	40.15	44.69	77.01	76.61	60.61	69.85	34.04	41.29	70- 75	409.3	33720
80.0	17.61	24.39	39.12	41.08	33.09	40.04	13.62	23.48	75- 80	219.1	33939
85.0	6.605	11.61	16.21	21.88	9.545	21.72	4.577	10.09	80- 85	110.9	34050
90.0	1.839	3.396	4.873	11.38	2.832	9.800	1.785	2.872	85- 90	47.25	34097
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:×10cd									UNIT:lm	

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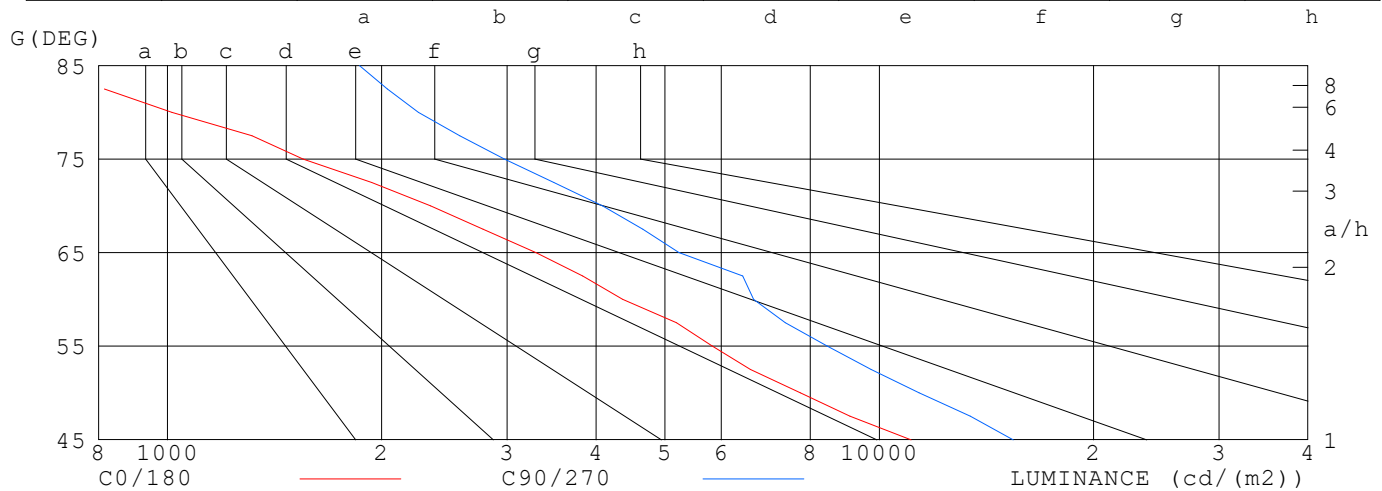
LUMINANCE LIMITATION CURVES

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	758	1861
80	1014	2253
75	1551	2976
70	2343	4083
65	3292	5233
60	4360	6659
55	5829	8446
50	7742	11375
45	11085	15417

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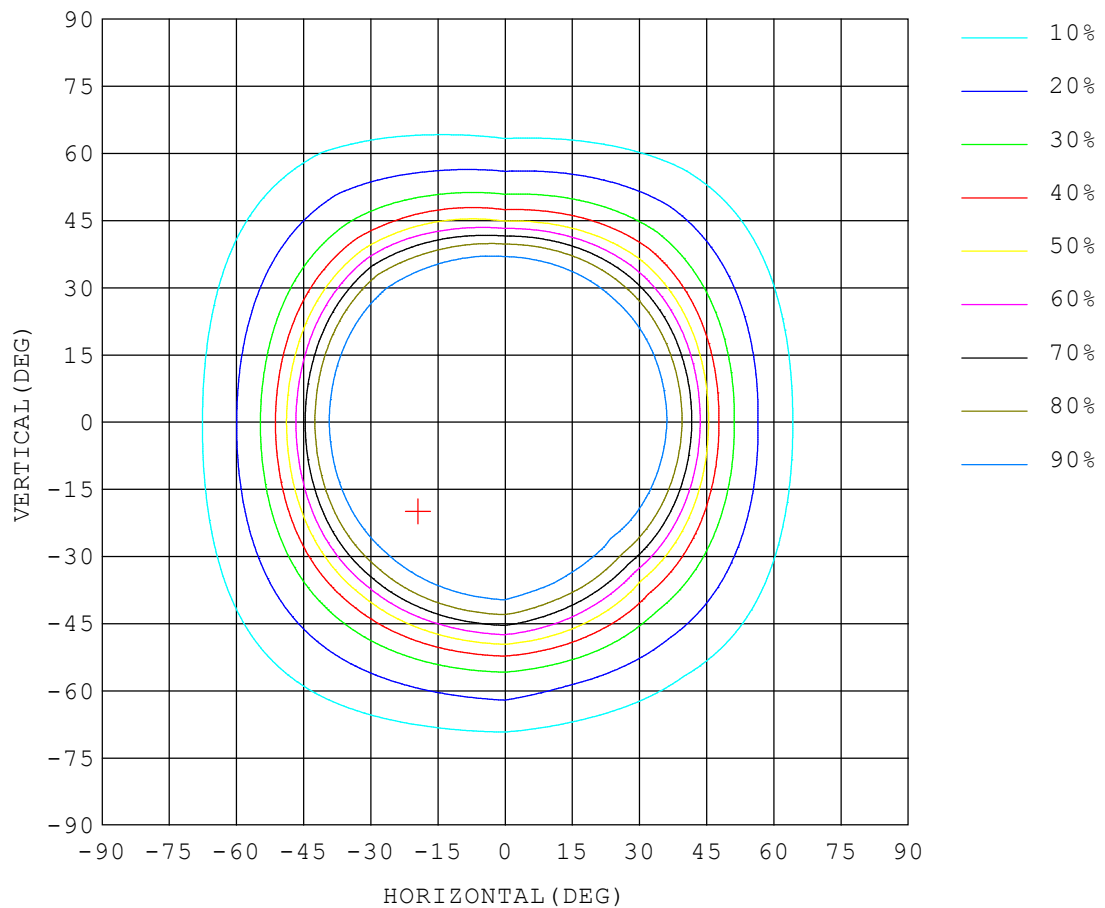
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ISOCANDELA DIAGRAM

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UNIT: cd



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