

LUMINAIRE PHOTOMETRIC TEST REPORT

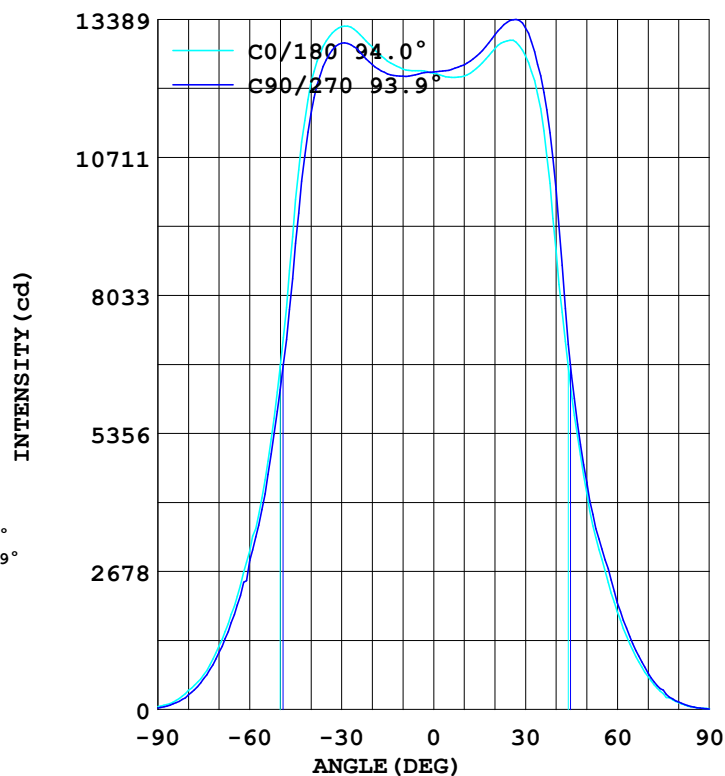
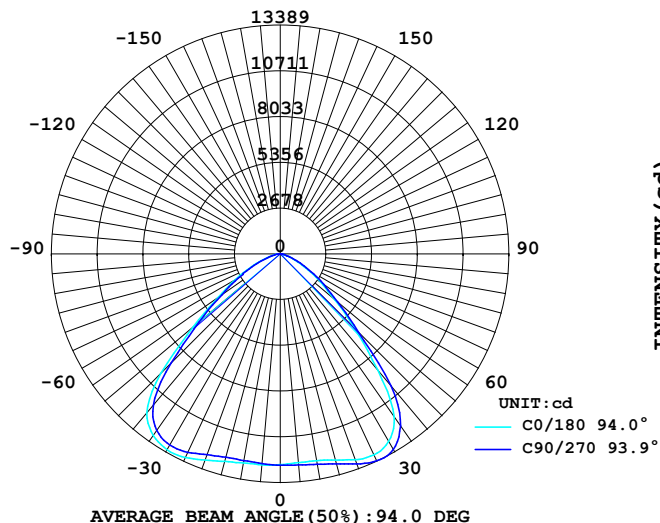
Report number:

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

DATA OF LAMP		Imax(cd)	13389	S/MH (C0/180)	1.46
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.43
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	30070	Voltage(V)	230.0
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.1	Current(A)	0.893
NOMINAL FLUX(lm)	30070.0	η up (%)	0.0	Power(W)	200.3
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.0	Effective Flux(lm)	29060.2	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

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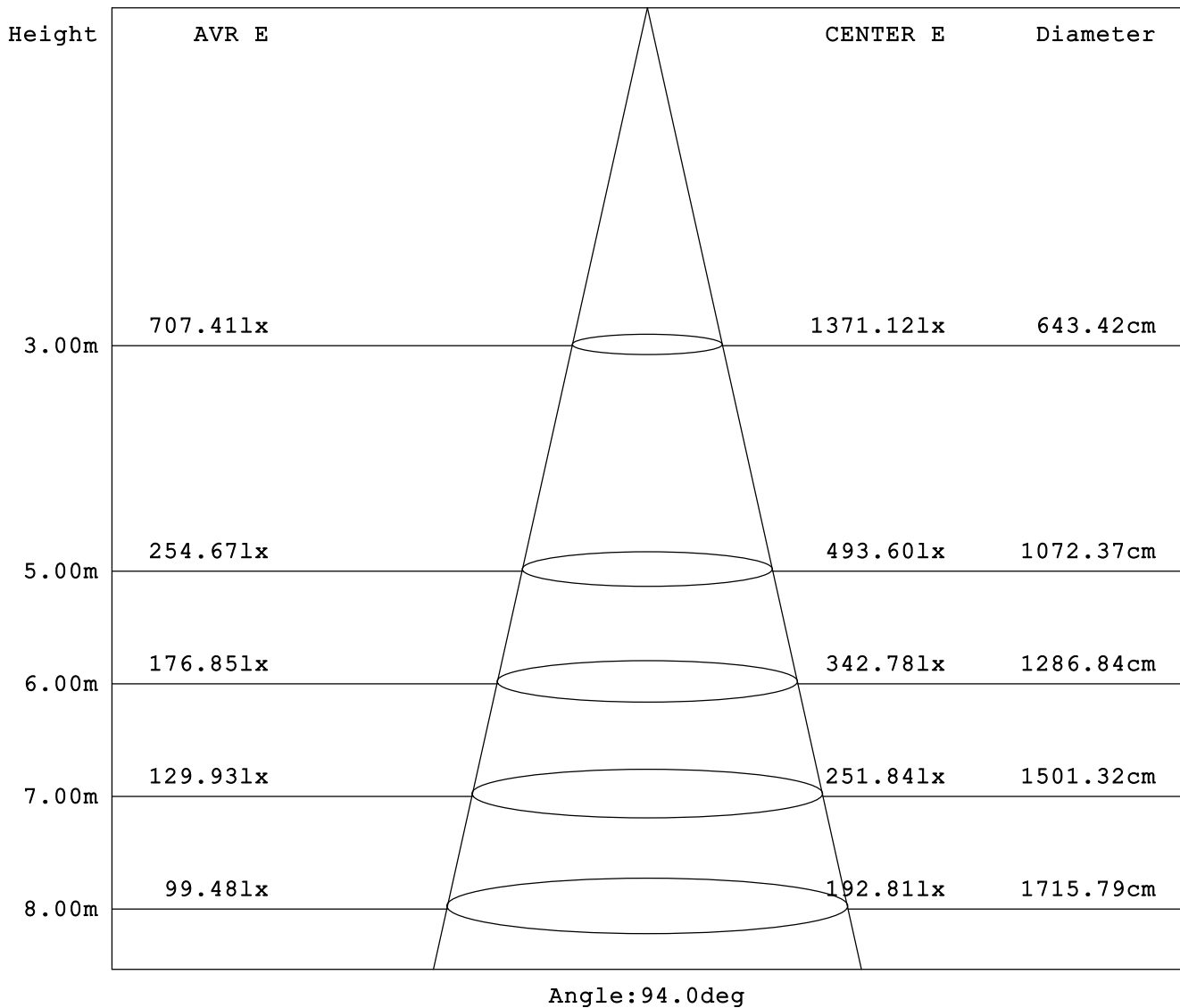
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ZONAL FLUX DIAGRAM

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γ	C0	C90	C180	C270					γ	Zone	total
5.0	1239	1233	1227	1240					0- 5	295.3	295.3
10.0	1243	1229	1228	1251					5- 10	883.9	1179
15.0	1258	1233	1249	1273					10- 15	1477	2656
20.0	1285	1251	1281	1308					15- 20	2089	4745
25.0	1315	1282	1298	1336					20- 25	2719	7464
30.0	1325	1292	1268	1323					25- 30	3313	10777
35.0	1297	1260	1165	1229					30- 35	3754	14531
40.0	1216	1155	889.5	1009					35- 40	3875	18406
45.0	989.5	904.3	611.8	648.5					40- 45	3441	21846
50.0	663.8	620.0	419.7	440.3					45- 50	2643	24490
55.0	445.7	418.3	291.4	311.6					50- 55	1933	26423
60.0	307.9	288.8	189.8	206.9					55- 60	1405	27828
65.0	200.1	184.1	115.5	128.1					60- 65	972.9	28801
70.0	123.1	110.5	64.00	71.05					65- 70	621.7	29422
75.0	67.22	59.68	30.73	37.43					70- 75	355.8	29778
80.0	36.83	28.21	13.11	14.49					75- 80	182.9	29961
85.0	14.15	10.85	4.366	4.519					80- 85	80.55	30042
90.0	5.626	3.090	1.844	1.214					85- 90	28.34	30070
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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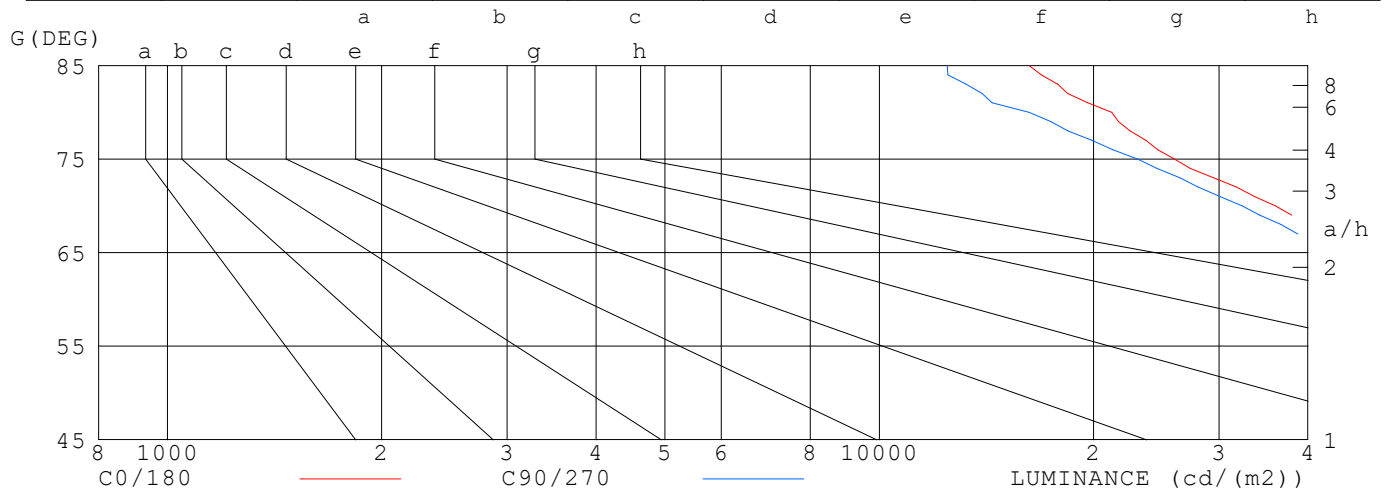
LUMINANCE LIMITATION CURVES

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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	16246	12453
80	21213	16246
75	25975	23059
70	36004	32332
65	47348	43583
60	61587	57771
55	77713	72934
50	103281	96465
45	139950	127895

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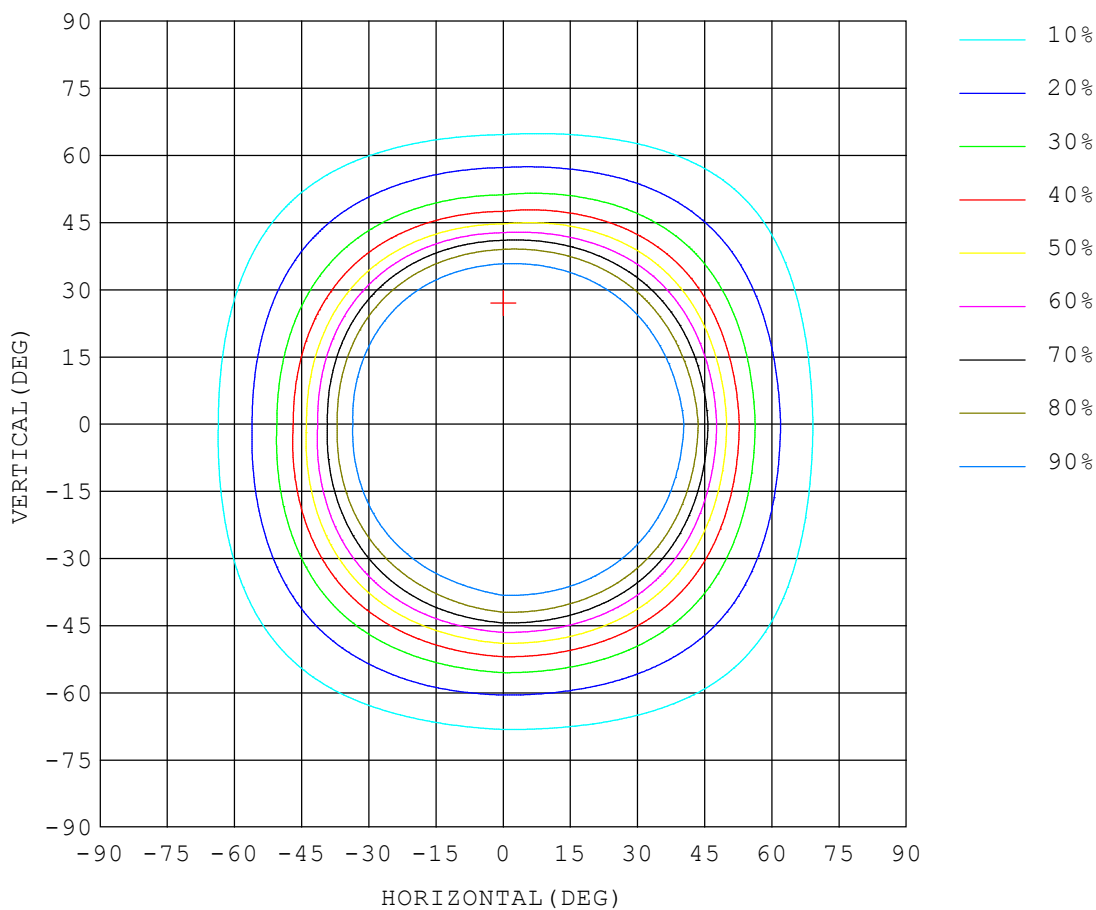
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ISOCANDELA DIAGRAM

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UNIT: cd



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