

LUMINAIRE PHOTOMETRIC TEST REPORT

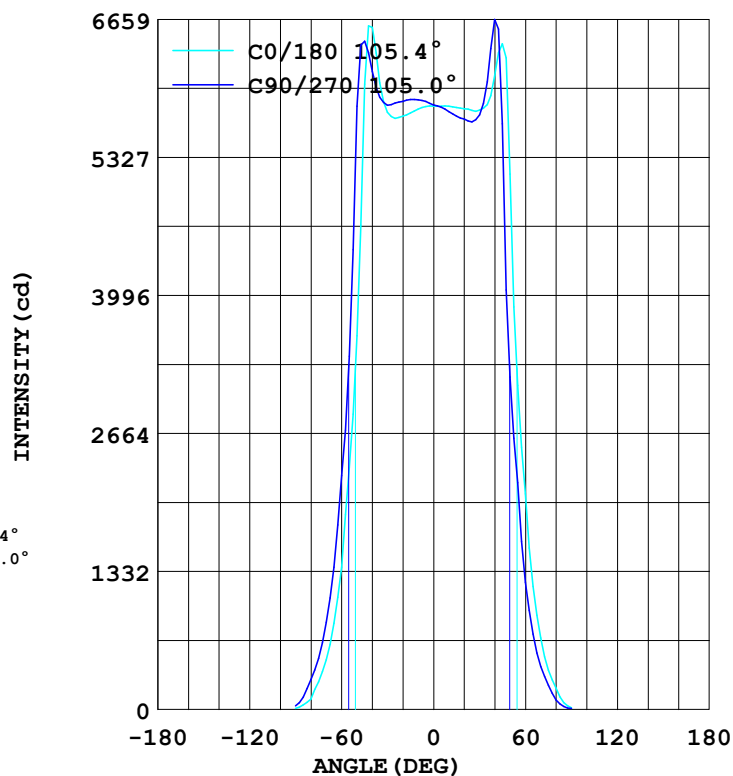
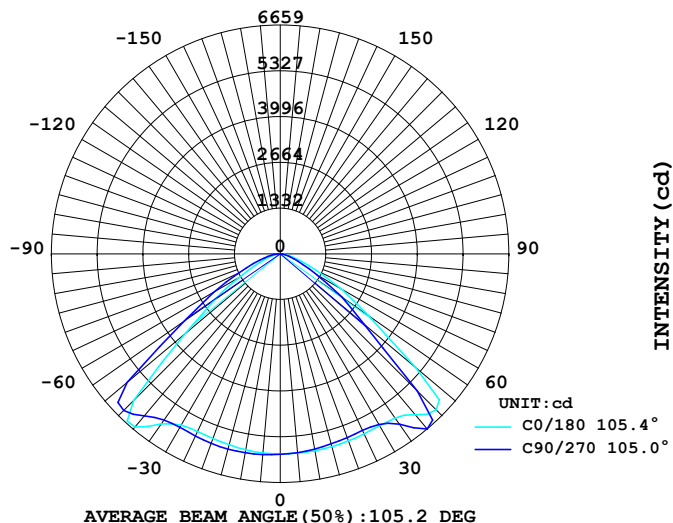
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L10040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	6689	S/MH (C0/180)	1.54
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.59
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	17142	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.6	Current(A)	0.267
NOMINAL FLUX(lm)	17142.0	η up (%)	0.0	Power(W)	100.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	17142.0	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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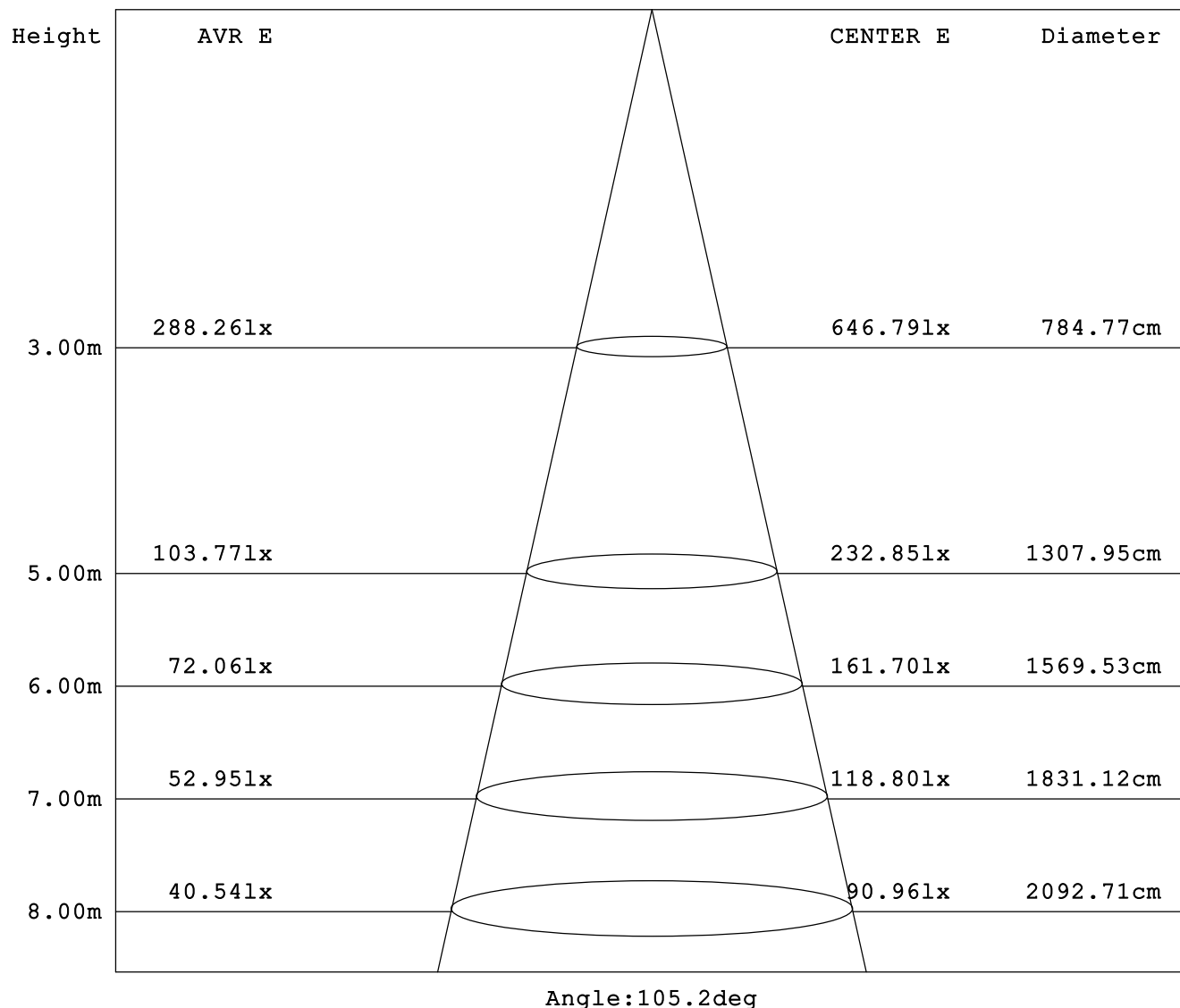
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5817	5822	5866	5844	5822	5796	5812	5815	0- 5	139.2	139.2
10.0	5792	5812	5882	5858	5821	5780	5769	5770	5- 10	416.2	555.5
15.0	5756	5783	5884	5855	5807	5755	5726	5715	10- 15	687.8	1243
20.0	5725	5758	5868	5846	5796	5737	5698	5676	15- 20	951.5	2195
25.0	5704	5728	5852	5836	5782	5729	5670	5643	20- 25	1207	3401
30.0	5761	5766	5831	5830	5783	5706	5739	5705	25- 30	1455	4857
35.0	6047	5979	5906	5929	5836	5751	6057	6004	30- 35	1720	6577
40.0	6582	6396	6153	6220	6115	6088	6659	6527	35- 40	2048	8625
45.0	6035	5721	6447	6459	6422	6689	5650	5612	40- 45	2343	10968
50.0	3606	3198	5822	5238	5165	5380	3209	3192	45- 50	2126	13095
55.0	2336	2230	3408	2980	3127	2865	2188	2252	50- 55	1481	14576
60.0	1374	1547	2257	2077	2081	1948	1228	1357	55- 60	1004	15580
65.0	831.4	890.8	1374	1252	1186	1115	728.9	815.8	60- 65	657.0	16237
70.0	479.4	511.5	841.6	815.4	690.2	669.8	416.3	460.7	65- 70	406.8	16644
75.0	265.7	278.6	491.1	461.4	377.2	385.9	231.8	251.6	70- 75	244.0	16888
80.0	99.24	183.4	287.3	273.7	205.7	245.6	92.47	166.9	75- 80	142.0	17030
85.0	43.75	88.54	120.0	180.8	65.14	165.7	29.88	75.01	80- 85	78.25	17108
90.0	10.42	25.94	36.02	81.50	18.49	67.56	10.49	19.94	85- 90	33.77	17142
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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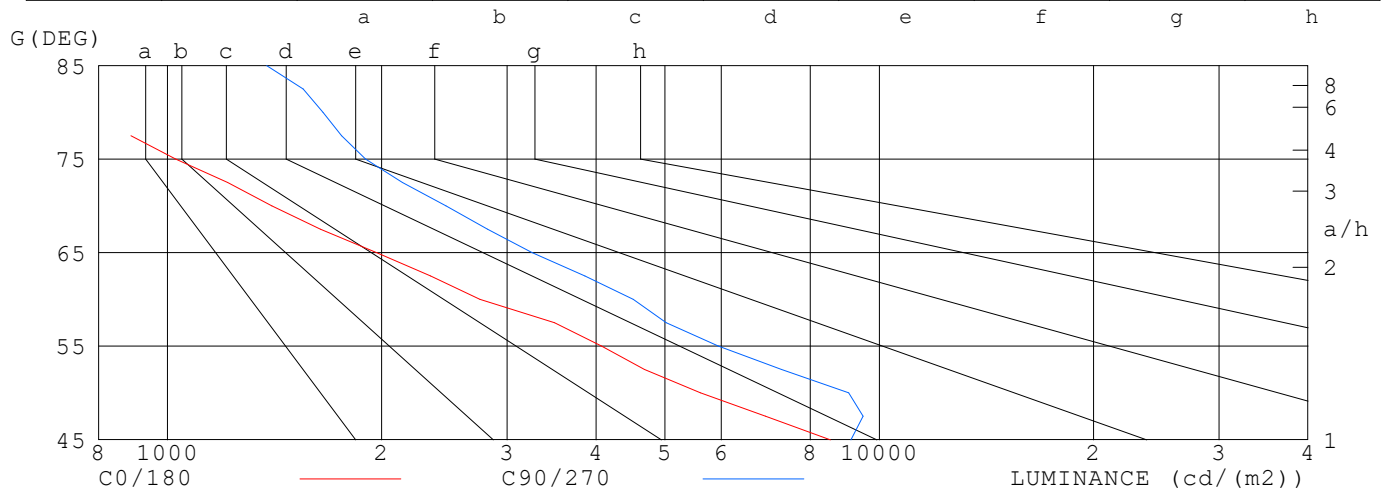
LUMINANCE LIMITATION CURVES

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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	502	1378
80	572	1655
75	1027	1898
70	1402	2461
65	1967	3251
60	2747	4513
55	4073	5943
50	5610	9057
45	8534	9118

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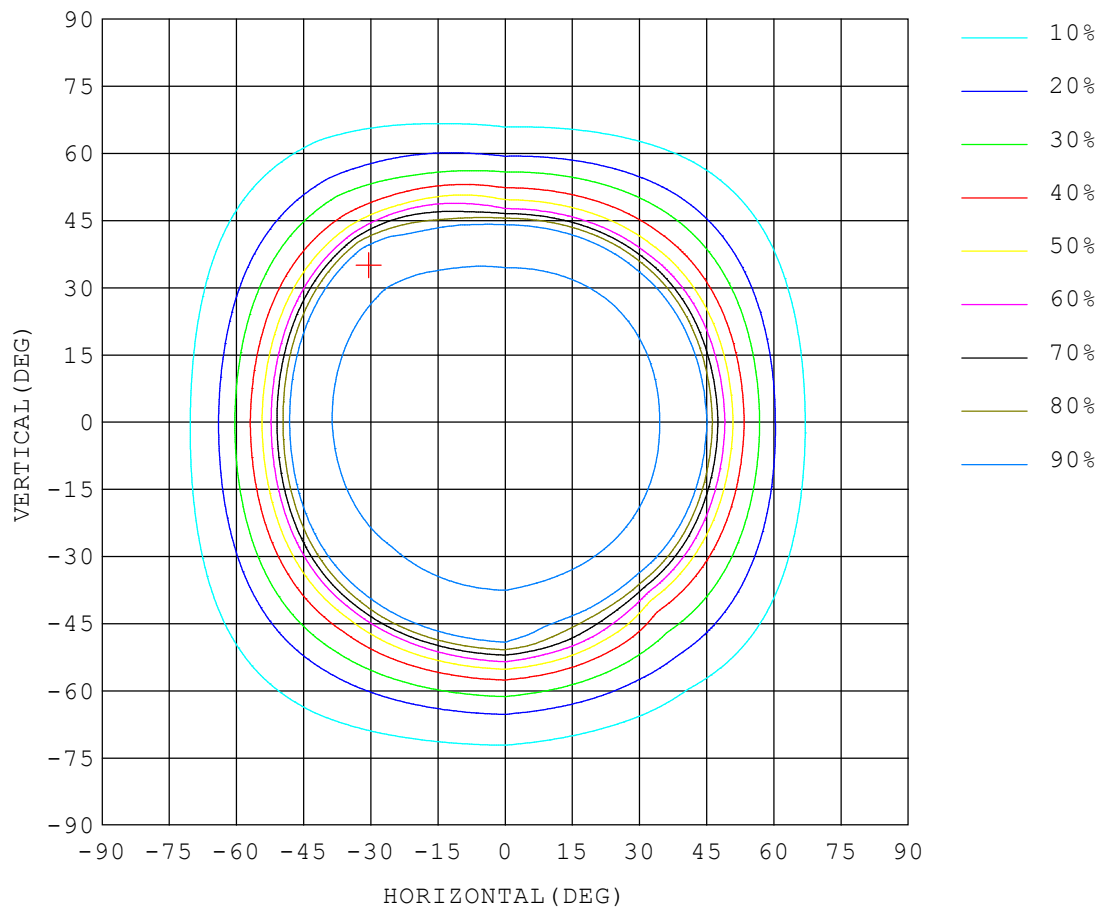
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ISOCANDELA DIAGRAM

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UNIT: cd



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