

LUMINAIRE PHOTOMETRIC TEST REPORT

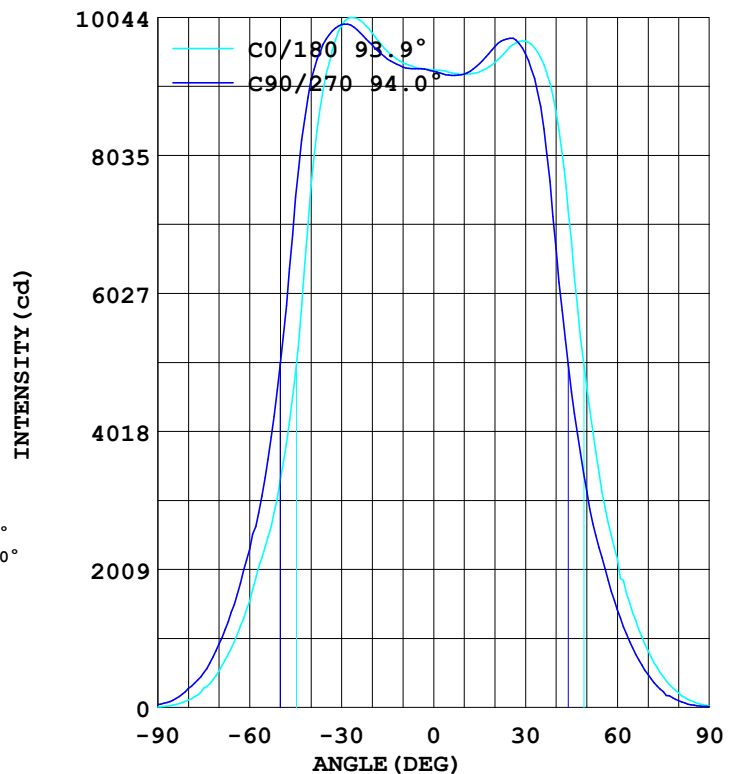
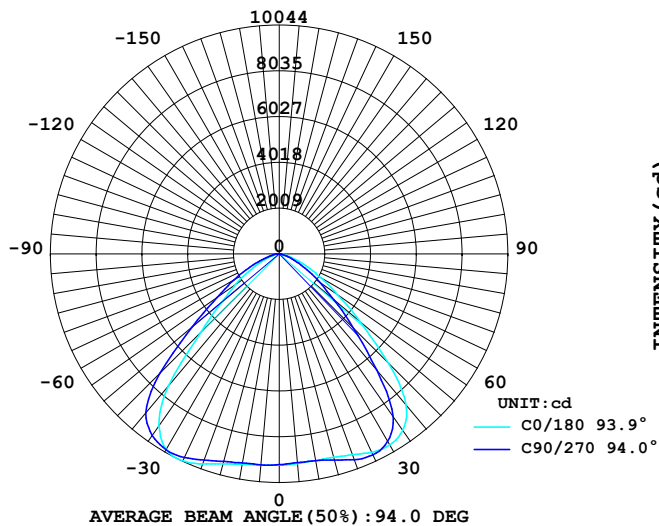
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L15040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10044	S/MH (C0/180)	1.31
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.46
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22558	Voltage(V)	230.0
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current(A)	0.670
NOMINAL FLUX(lm)	22558.0	η up (%)	0.0	Power(W)	150.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.0	Effective Flux(lm)	21800.5	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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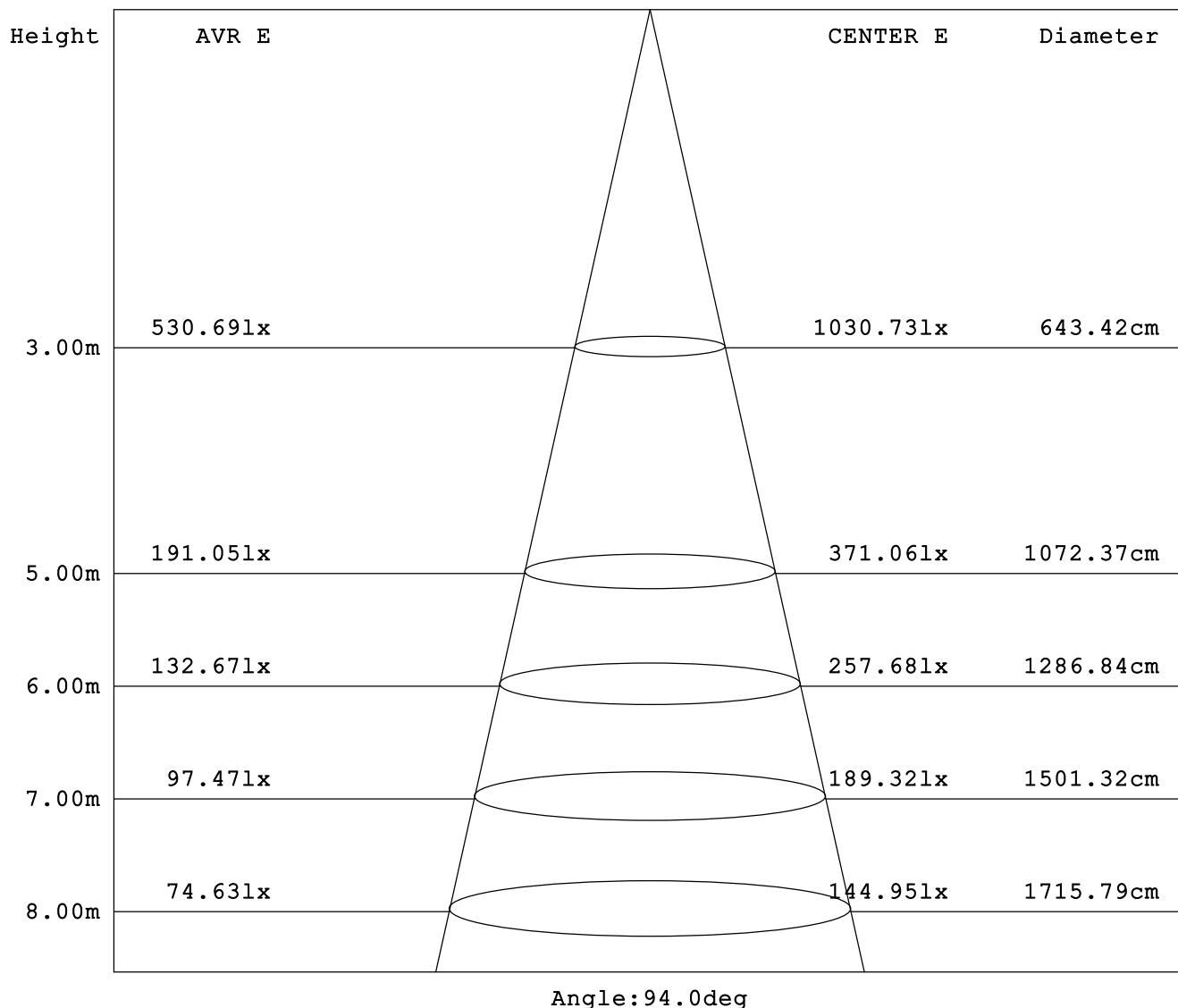
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ZONAL FLUX DIAGRAM

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γ	C0	C90	C180	C270					γ	Zone	total
5.0	930.2	929.7	924.7	920.1					0- 5	221.5	221.5
10.0	938.1	932.1	921.6	921.5					5- 10	663.1	884.6
15.0	954.7	943.5	924.9	937.0					10- 15	1108	1993
20.0	981.4	964.1	938.6	961.2					15- 20	1567	3560
25.0	1003	986.4	961.5	973.7					20- 25	2040	5599
30.0	992.2	993.7	969.5	951.4					25- 30	2485	8085
35.0	921.9	972.7	945.4	874.2					30- 35	2816	10901
40.0	756.8	912.5	866.4	667.2					35- 40	2907	13808
45.0	486.4	742.3	678.4	459.0					40- 45	2581	16389
50.0	330.3	498.0	465.1	314.8					45- 50	1983	18372
55.0	233.7	334.3	313.8	218.6					50- 55	1450	19822
60.0	155.2	231.0	216.6	142.4					55- 60	1054	20876
65.0	96.13	150.1	138.1	86.68					60- 65	729.8	21606
70.0	53.30	92.37	82.95	48.01					65- 70	466.4	22072
75.0	28.08	50.43	44.77	23.05					70- 75	266.9	22339
80.0	10.87	27.63	21.16	9.837					75- 80	137.2	22476
85.0	3.390	10.62	8.142	3.275					80- 85	60.43	22537
90.0	0.911	4.221	2.318	1.383					85- 90	21.26	22558
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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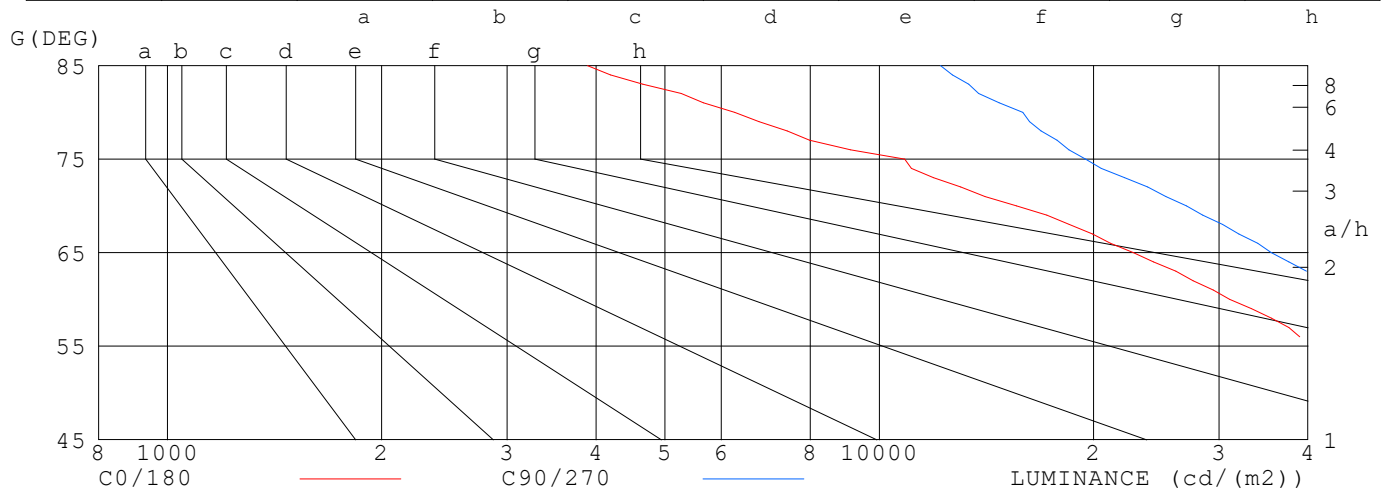
LUMINANCE LIMITATION CURVES

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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	3890	12187
80	6263	15913
75	10850	19486
70	15586	27010
65	22748	35520
60	31054	46201
55	40755	58299
50	51395	77480
45	68801	104988

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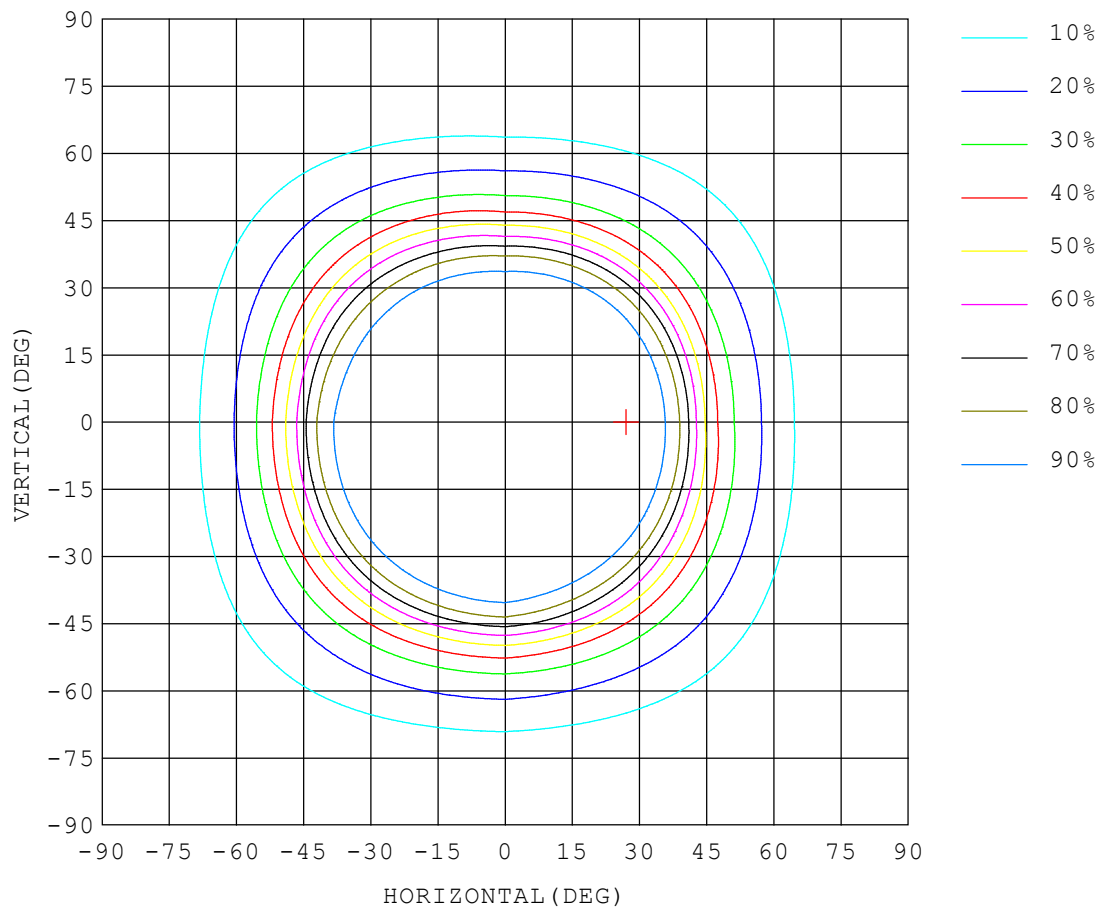
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ISOCANDELA DIAGRAM

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UNIT: cd



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