

LUMINAIRE PHOTOMETRIC TEST REPORT

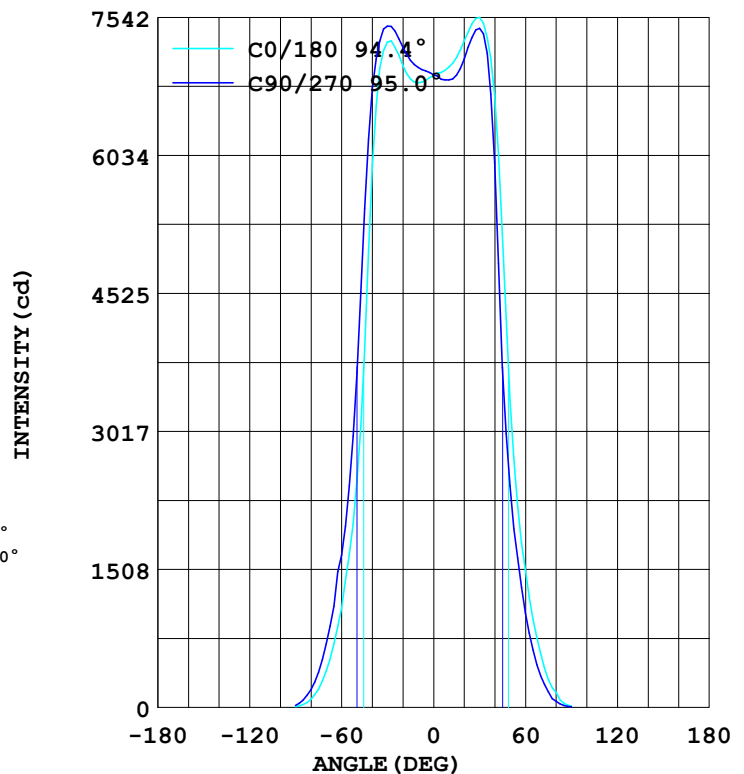
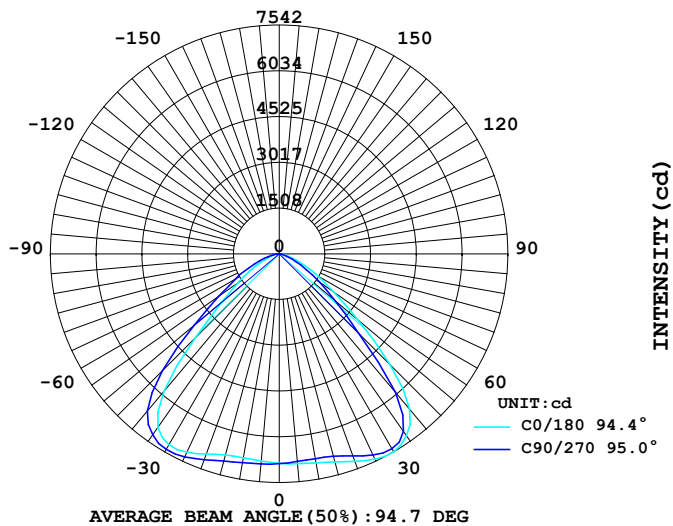
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L10040-691	WEIGHT:
SPECIFICATION: 2835、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	7560	S/MH (C0/180)	1.35
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.46
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	17062	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.1	Current(A)	0.207
NOMINAL FLUX(lm)	17062.0	η up (%)	0.0	Power(W)	100.3
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.3	Effective Flux(lm)	17062.0	EEI	0.088

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

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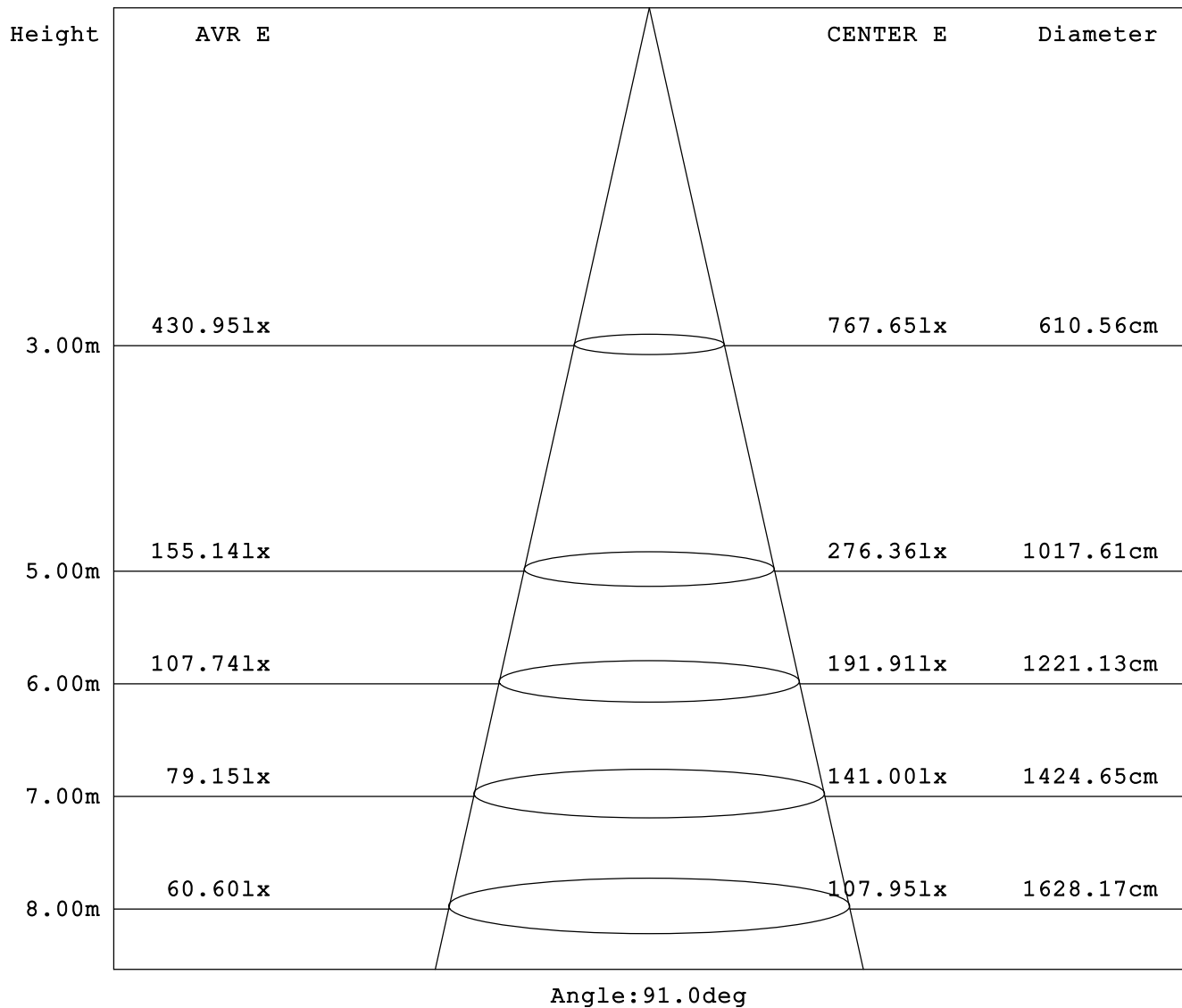
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Operators:
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6854	6900	6956	6954	6940	6910	6866	6848	0- 5	165.1	165.1
10.0	6826	6921	6993	7027	7000	6918	6859	6808	5- 10	494.2	659.4
15.0	6868	7006	7071	7138	7105	6982	6911	6834	10- 15	824.6	1484
20.0	7019	7135	7218	7321	7284	7128	7087	6973	15- 20	1165	2649
25.0	7213	7214	7389	7518	7469	7345	7319	7173	20- 25	1519	4168
30.0	7272	7127	7446	7544	7542	7440	7422	7244	25- 30	1866	6034
35.0	6987	6760	7280	7297	7318	7282	7145	6960	30- 35	2143	8177
40.0	5917	5664	6769	6574	6688	6659	5960	5905	35- 40	2250	10428
45.0	3922	3876	5455	5128	5175	5123	3715	4021	40- 45	2013	12441
50.0	2490	2676	3659	3325	3360	3210	2421	2693	45- 50	1503	13944
55.0	1673	1842	2424	2279	2197	2122	1632	1860	50- 55	1068	15012
60.0	1091	1212	1666	1620	1506	1507	1035	1206	55- 60	770.3	15782
65.0	696.2	767.9	1107	1070	961.8	989.0	627.5	742.7	60- 65	539.2	16321
70.0	400.9	441.6	698.8	662.5	586.6	615.4	343.4	412.2	65- 70	347.0	16668
75.0	200.9	223.6	385.4	383.3	303.3	349.5	170.3	206.6	70- 75	204.8	16873
80.0	88.13	122.0	195.7	205.5	165.5	200.3	68.18	117.4	75- 80	109.6	16983
85.0	33.05	58.10	81.15	109.5	47.76	108.6	22.90	50.51	80- 85	55.51	17038
90.0	9.203	16.99	24.38	56.96	14.17	49.04	8.934	14.37	85- 90	23.64	17062
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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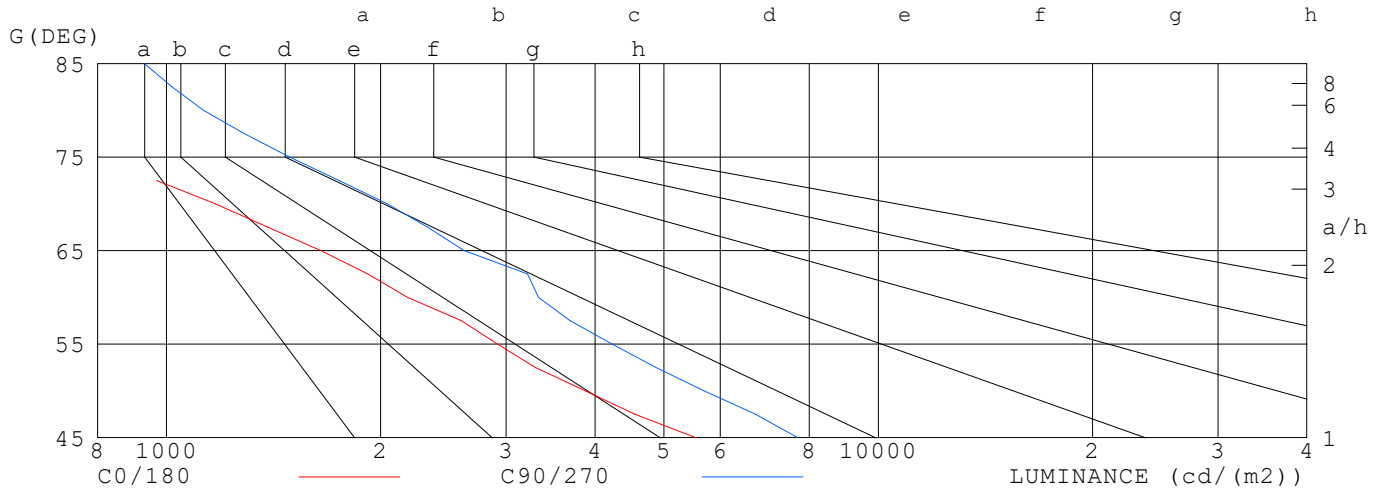
LUMINANCE LIMITATION CURVES

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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	379	931
80	508	1127
75	776	1489
70	1172	2043
65	1647	2618
60	2182	3332
55	2917	4226
50	3874	5692
45	5547	7715

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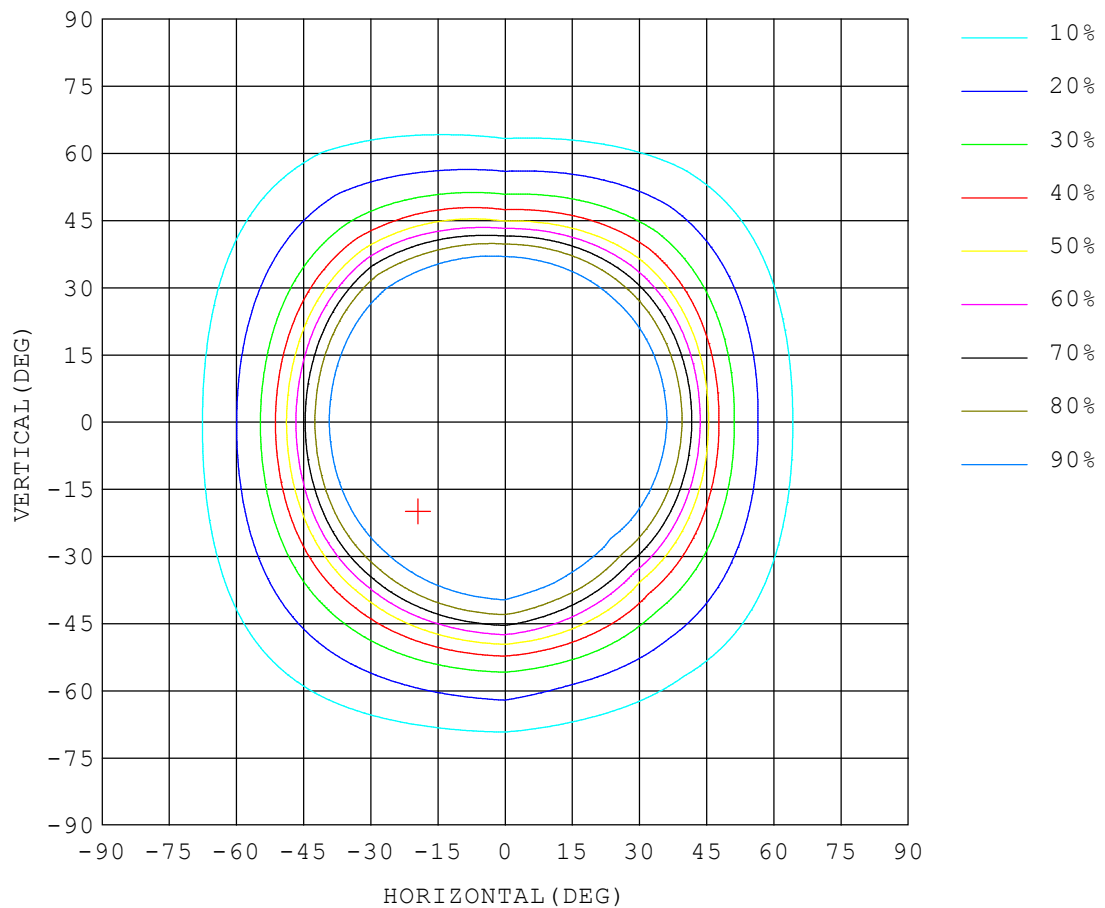
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ISOCANDELA DIAGRAM

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UNIT: cd



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