

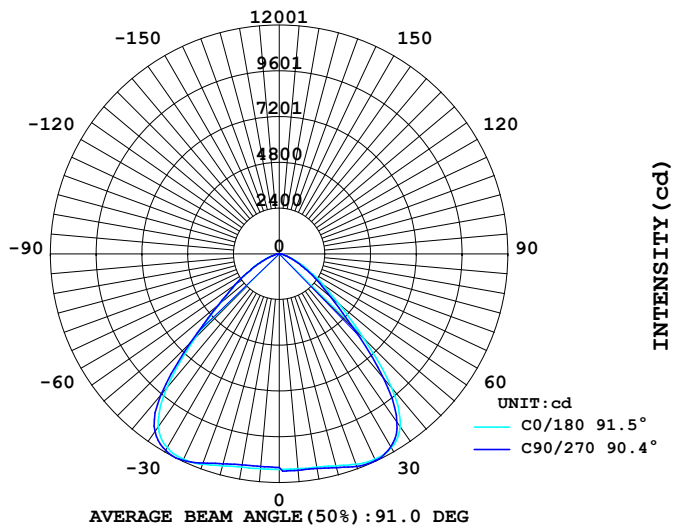
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

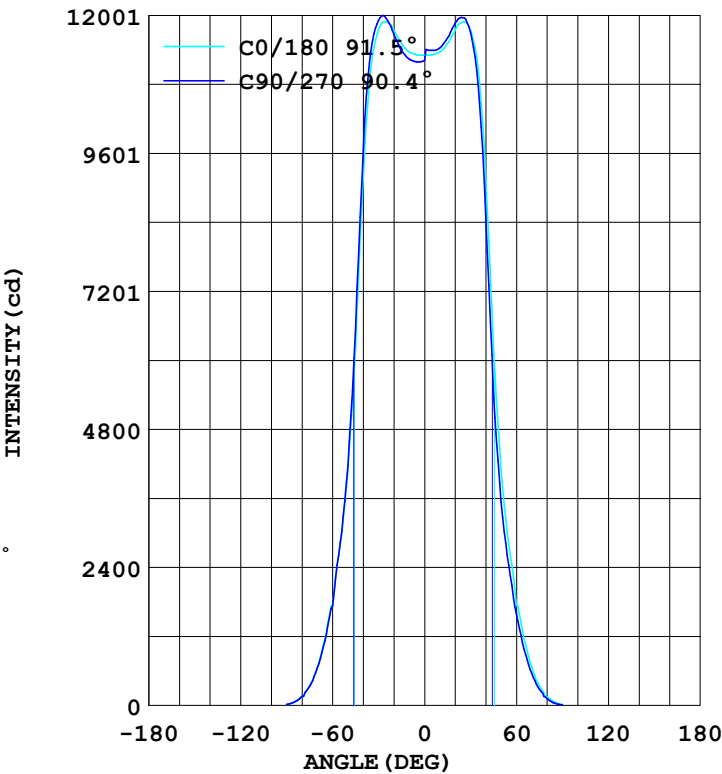
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L15040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	12001	S/MH (C0/180)	1.33
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.35
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	25546	Voltage(V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.1	Current(A)	0.334
NOMINAL FLUX(lm)	25546.0	η up (%)	0.0	Power(W)	150.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.2	Effective Flux(lm)	25546.0	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

Report number:

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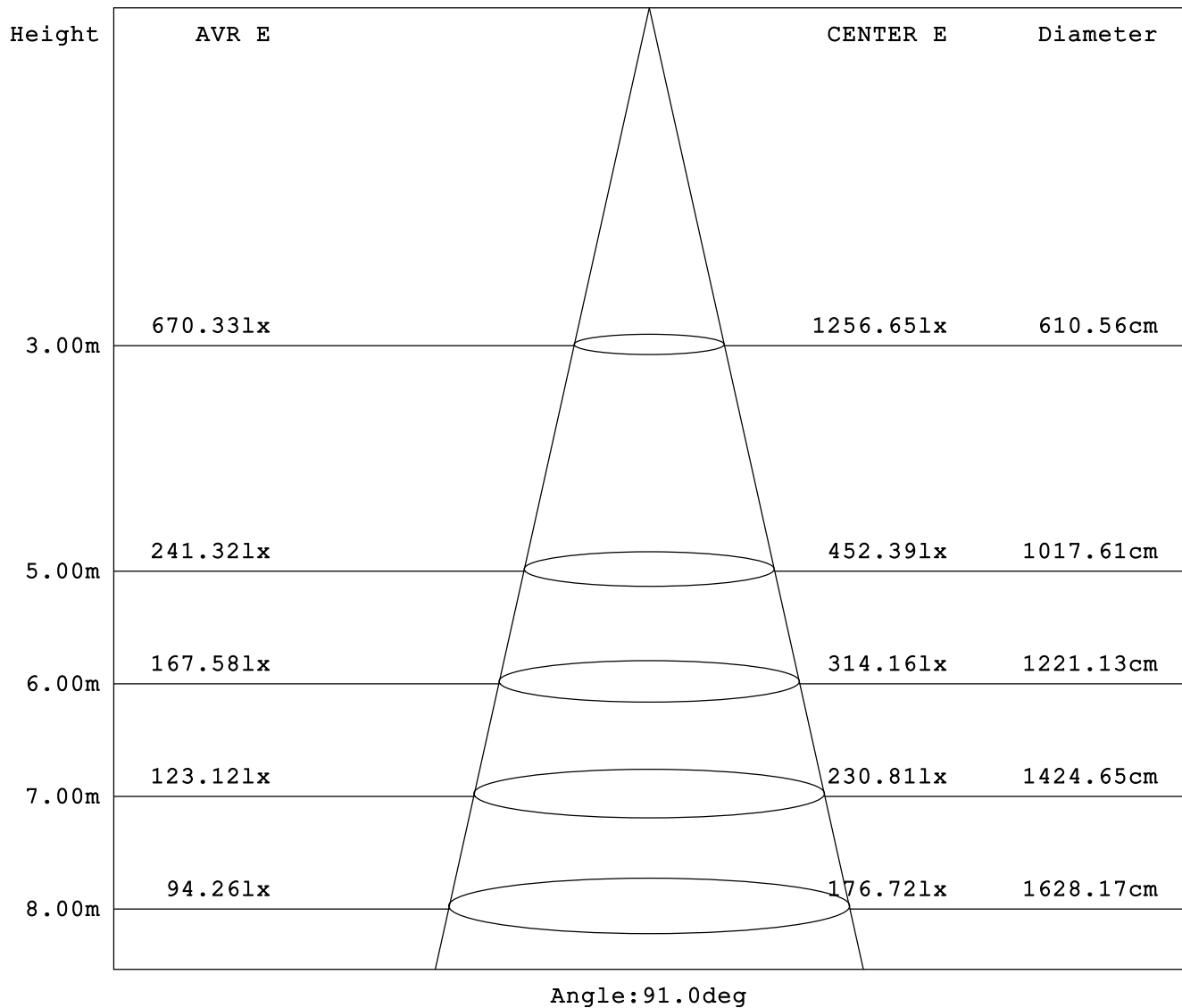
Test System:
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Operators:
Test Date:2024.11.25

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AVERAGE AND CENTER E Figure

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:



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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1131	1124	1119	1124	1131	1133	1139	1133	0- 5	269.9	269.9
10.0	1136	1130	1124	1130	1136	1139	1144	1139	5- 10	809.7	1080
15.0	1151	1145	1140	1145	1151	1154	1161	1154	10- 15	1355	2435
20.0	1175	1174	1168	1174	1175	1172	1187	1172	15- 20	1916	4350
25.0	1189	1198	1195	1198	1189	1175	1196	1175	20- 25	2484	6834
30.0	1174	1190	1191	1190	1174	1149	1170	1149	25- 30	2999	9833
35.0	1107	1115	1137	1115	1107	1075	1077	1075	30- 35	3366	13199
40.0	921.6	932.8	967.3	932.8	921.6	871.4	853.6	871.4	35- 40	3388	16587
45.0	625.7	608.3	659.9	608.3	625.7	596.0	547.5	596.0	40- 45	2803	19389
50.0	409.5	410.2	417.8	410.2	409.5	410.7	354.8	410.7	45- 50	2014	21403
55.0	282.0	285.4	283.3	285.4	282.0	283.3	244.7	283.3	50- 55	1459	22862
60.0	174.1	190.8	173.5	190.8	174.1	185.0	158.7	185.0	55- 60	1067	23929
65.0	116.1	118.4	112.3	118.4	116.1	114.8	97.61	114.8	60- 65	713.2	24642
70.0	66.91	67.66	64.79	67.66	66.91	63.30	55.69	63.30	65- 70	444.6	25087
75.0	33.86	35.72	32.93	35.72	33.86	31.71	28.09	31.71	70- 75	246.5	25334
80.0	15.45	18.95	15.72	18.95	15.45	17.19	11.84	17.19	75- 80	126.2	25460
85.0	5.815	9.844	6.049	9.844	5.815	7.888	4.039	7.888	80- 85	62.55	25522
90.0	1.743	3.093	2.083	3.093	1.743	2.508	1.456	2.508	85- 90	23.64	25546
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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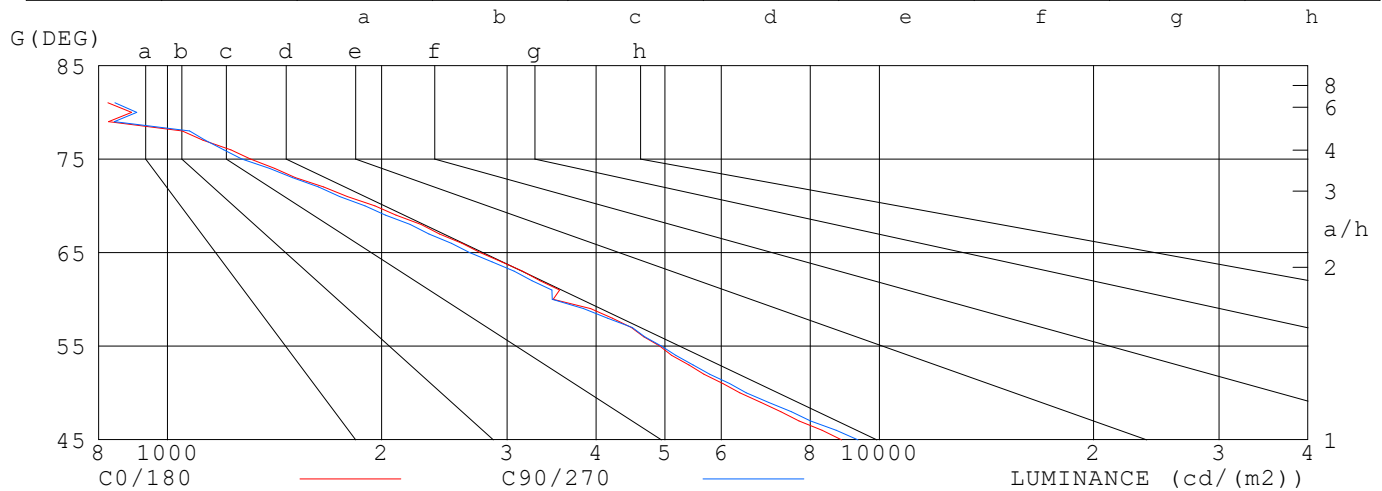
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

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	667	694
80	890	905
75	1308	1273
70	1956	1895
65	2749	2658
60	3483	3470
55	4917	4940
50	6372	6500
45	8849	9334

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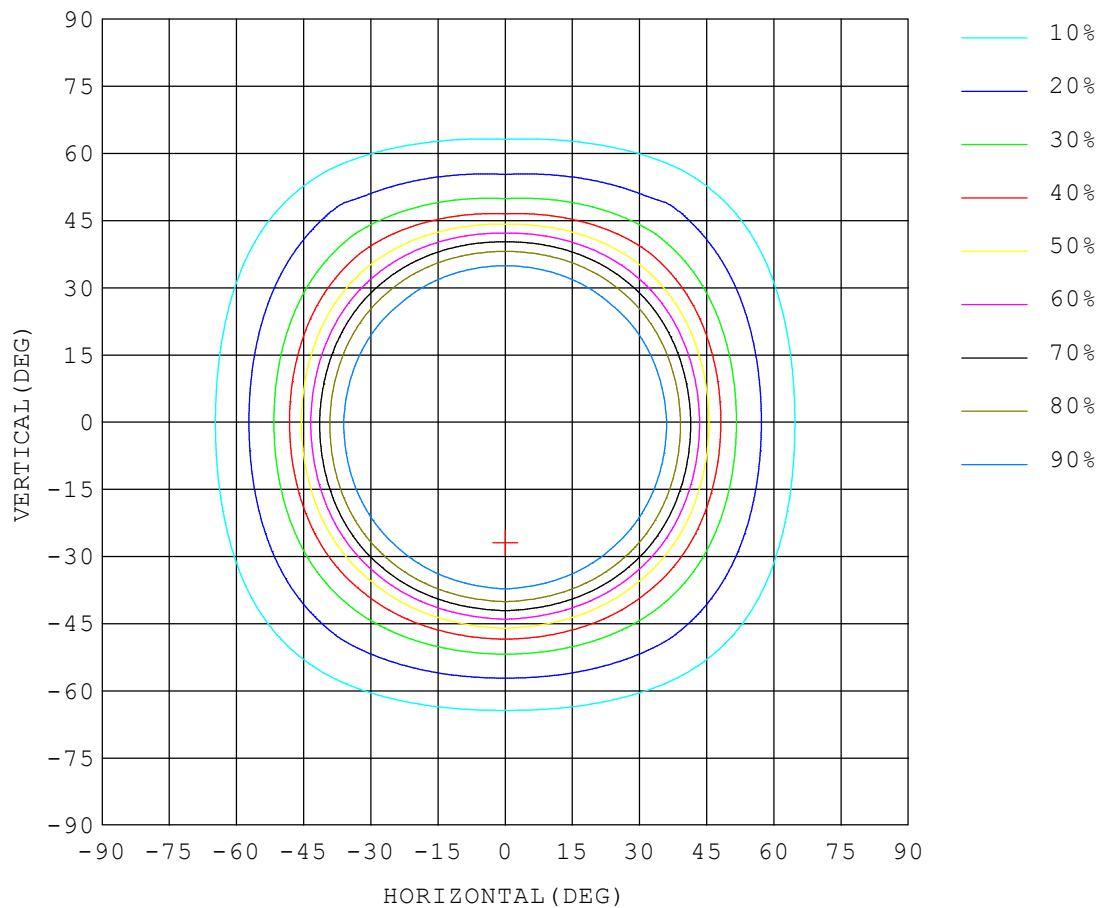
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ISOCANDELA DIAGRAM

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UNIT: cd



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