

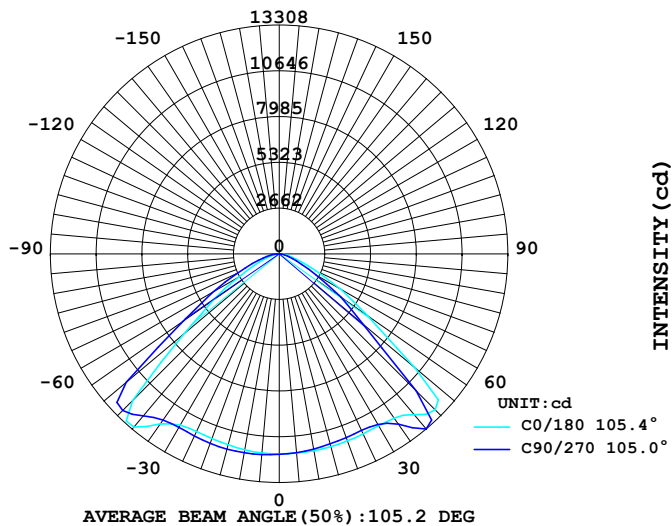
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

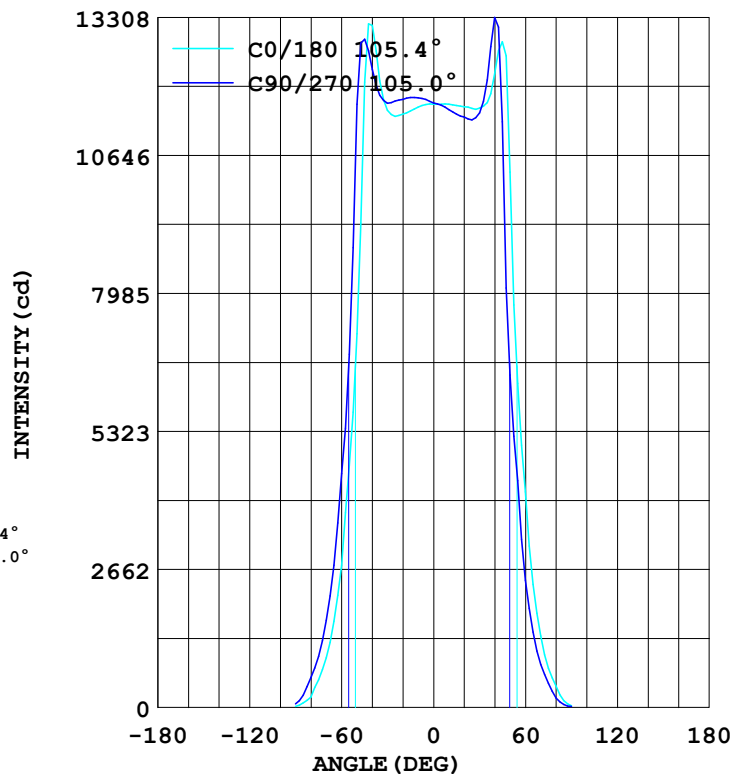
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L20040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	13368	S/MH (C0/180)	1.54
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.59
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	34256	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.6	Current(A)	0.267
NOMINAL FLUX(lm)	34256.0	η up (%)	0.0	Power(W)	200.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	34256.1	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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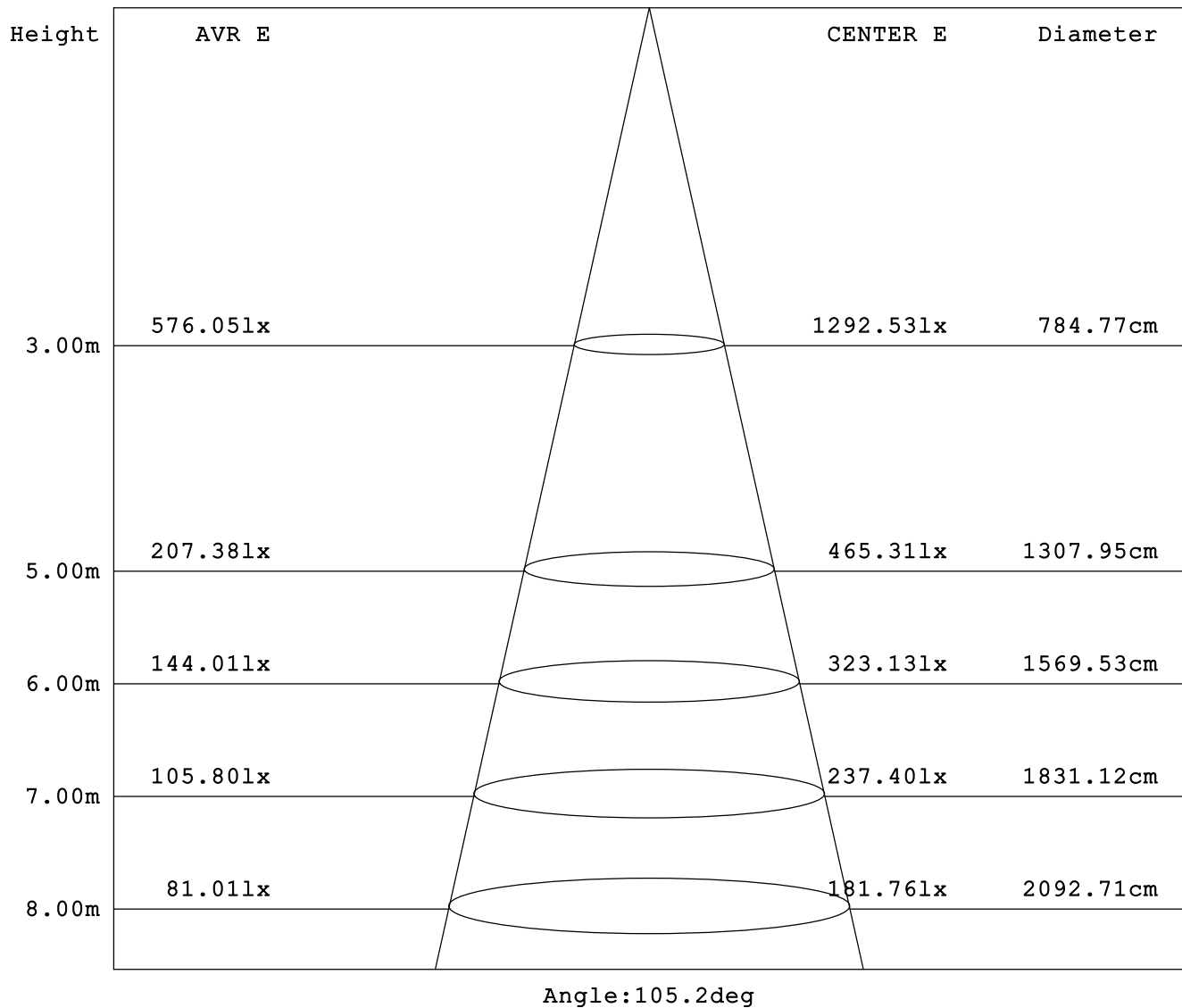
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1162	1164	1172	1168	1163	1158	1161	1162	0- 5	278.3	278.3
10.0	1157	1161	1175	1171	1163	1155	1153	1153	5- 10	831.8	1110
15.0	1150	1156	1176	1170	1160	1150	1144	1142	10- 15	1375	2485
20.0	1144	1151	1173	1168	1158	1146	1139	1134	15- 20	1902	4386
25.0	1140	1145	1169	1166	1155	1145	1133	1128	20- 25	2411	6797
30.0	1151	1152	1165	1165	1156	1140	1147	1140	25- 30	2908	9705
35.0	1208	1195	1180	1185	1166	1149	1210	1200	30- 35	3437	13142
40.0	1315	1278	1230	1243	1222	1217	1331	1304	35- 40	4093	17236
45.0	1206	1143	1288	1291	1283	1337	1129	1121	40- 45	4683	21919
50.0	720.5	639.0	1163	1047	1032	1075	641.2	637.8	45- 50	4249	26168
55.0	466.8	445.6	681.1	595.5	624.9	572.4	437.1	450.0	50- 55	2960	29128
60.0	274.5	309.1	450.9	415.0	415.8	389.3	245.4	271.1	55- 60	2007	31135
65.0	166.1	178.0	274.5	250.2	237.0	222.8	145.6	163.0	60- 65	1313	32448
70.0	95.80	102.2	168.1	162.9	137.9	133.8	83.20	92.07	65- 70	813.0	33261
75.0	53.11	55.68	98.15	92.22	75.39	77.13	46.33	50.28	70- 75	487.6	33748
80.0	19.83	36.65	57.41	54.71	41.12	49.09	18.48	33.36	75- 80	283.8	34032
85.0	8.743	17.69	23.99	36.13	13.01	33.12	5.971	14.99	80- 85	156.3	34189
90.0	2.082	5.185	7.199	16.28	3.696	13.50	2.096	3.985	85- 90	67.49	34256
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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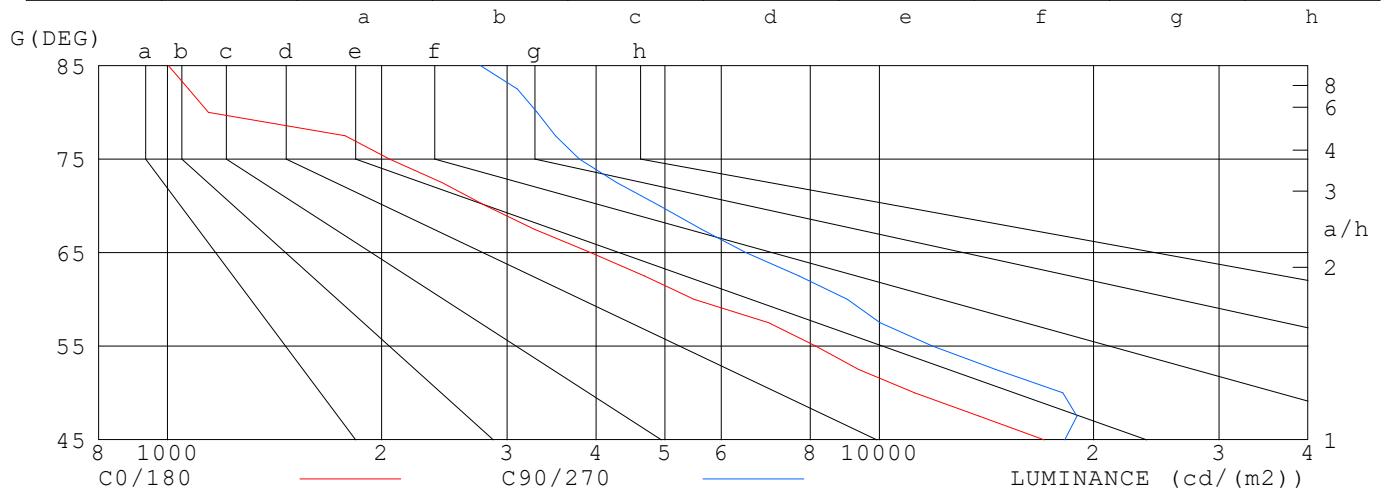
LUMINANCE LIMITATION CURVES

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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	1003	2753
80	1142	3306
75	2052	3792
70	2801	4918
65	3931	6496
60	5490	9019
55	8140	11875
50	11210	18100
45	17055	18221

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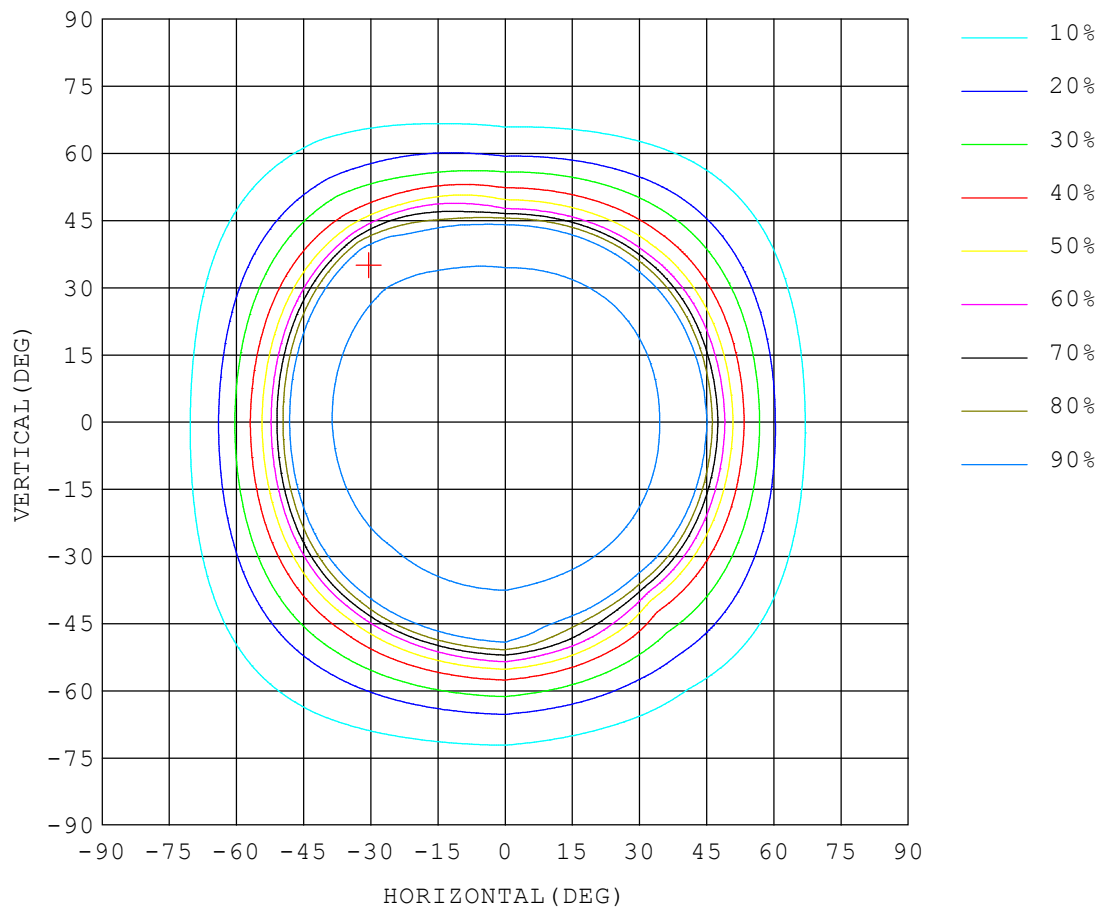
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ISOCANDELA DIAGRAM

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UNIT: cd



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