

LUMINAIRE PHOTOMETRIC TEST REPORT

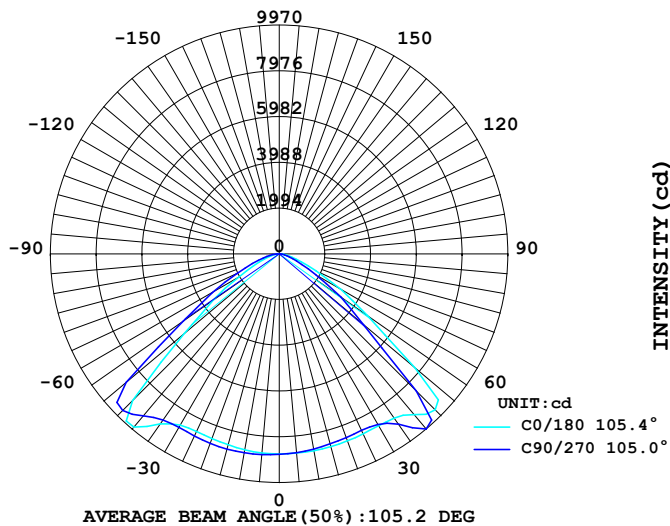
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L15040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

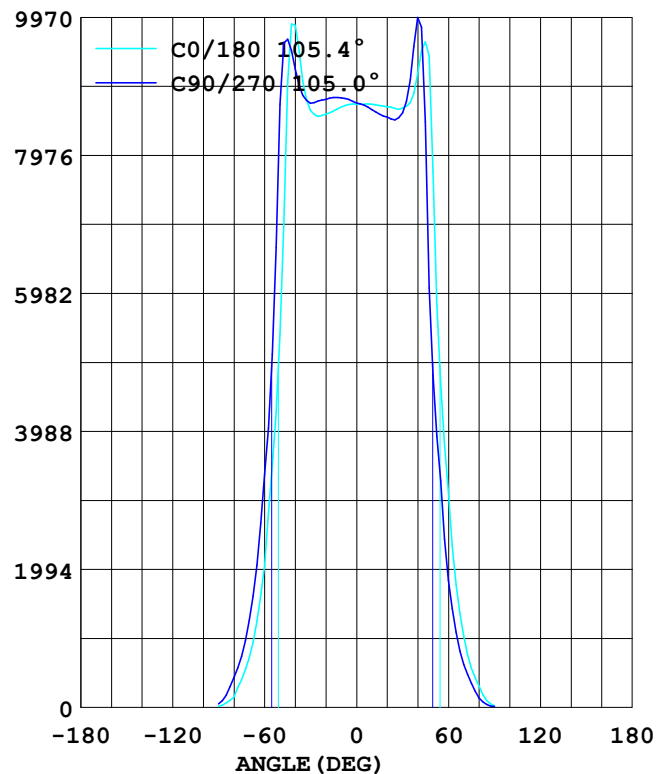
DATA OF LAMP		Imax(cd)	10015	S/MH (C0/180)	1.54
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.59
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	25665	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	170.6	Current(A)	0.267
NOMINAL FLUX(lm)	25665.0	η up (%)	0.0	Power(W)	150.3
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	25665.1	EEI	0.088

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



INTENSITY (cd)



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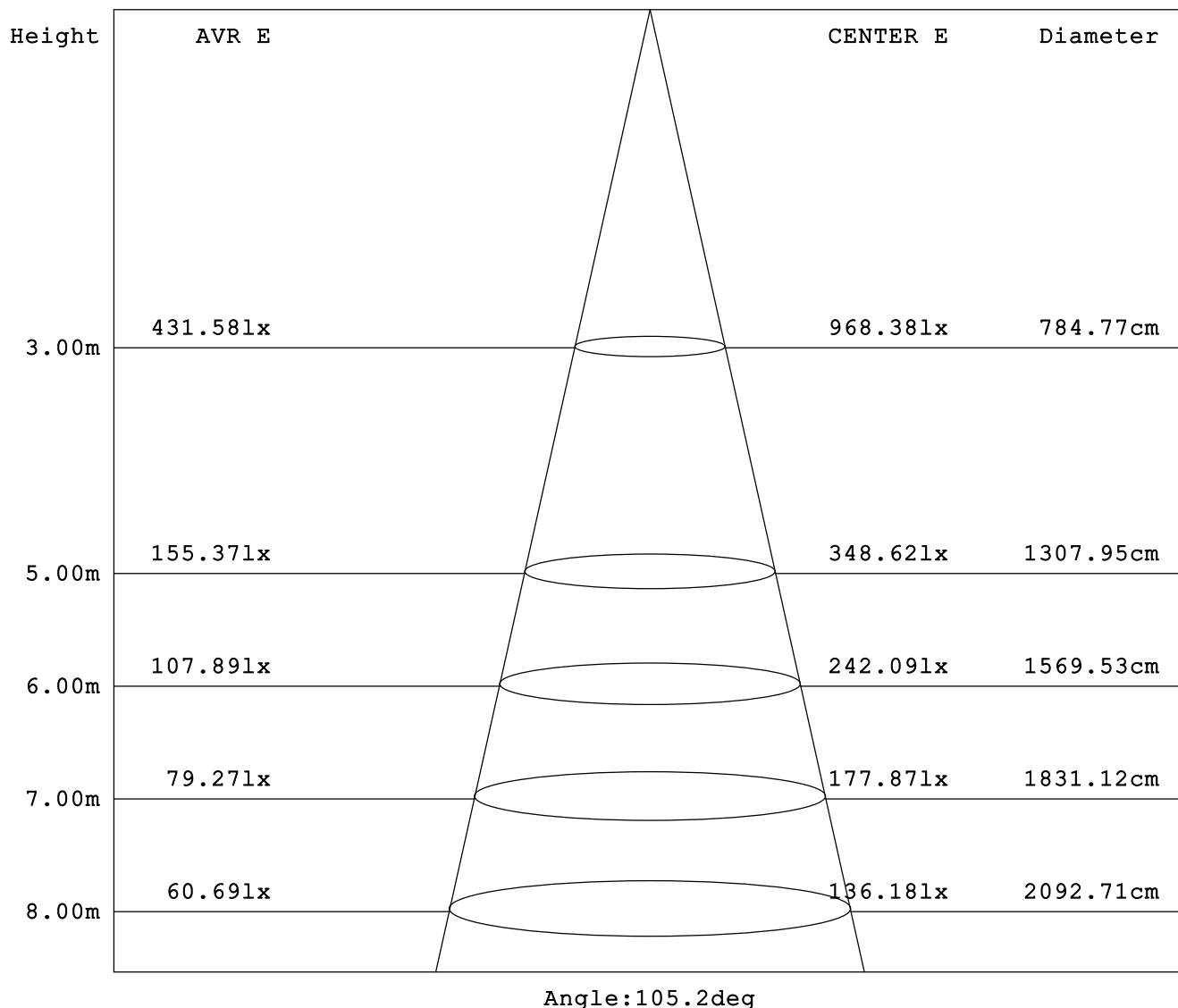
Test System:
Temperature:25.3DEG
Operators:
Test Date:2024.11.25

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AVERAGE AND CENTER E Figure

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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	870.8	871.7	878.2	875.0	871.6	867.8	870.1	870.5	0- 5	208.5	208.5
10.0	867.1	870.1	880.6	877.0	871.5	865.4	863.7	863.9	5- 10	623.2	831.7
15.0	861.7	865.8	881.0	876.6	869.4	861.6	857.3	855.7	10- 15	1030	1862
20.0	857.2	862.0	878.5	875.2	867.7	858.8	853.0	849.8	15- 20	1425	3286
25.0	853.9	857.6	876.1	873.7	865.6	857.6	848.8	844.8	20- 25	1806	5093
30.0	862.5	863.2	873.0	872.8	865.8	854.3	859.1	854.2	25- 30	2179	7271
35.0	905.3	895.1	884.2	887.6	873.8	860.9	906.8	898.9	30- 35	2575	9846
40.0	985.4	957.6	921.2	931.2	915.5	911.5	997.0	977.2	35- 40	3067	12913
45.0	903.5	856.6	965.2	967.0	961.5	1002	845.8	840.2	40- 45	3509	16422
50.0	539.8	478.7	871.6	784.2	773.2	805.5	480.4	477.9	45- 50	3184	19605
55.0	349.7	333.8	510.3	446.1	468.2	428.8	327.5	337.2	50- 55	2218	21823
60.0	205.6	231.5	337.8	310.9	311.5	291.7	183.8	203.1	55- 60	1503	23326
65.0	124.4	133.3	205.6	187.4	177.5	166.9	109.1	122.1	60- 65	983.7	24310
70.0	71.78	76.59	126.0	122.0	103.3	100.2	62.33	68.98	65- 70	609.1	24919
75.0	39.79	41.72	73.53	69.09	56.48	57.79	34.71	37.67	70- 75	365.3	25285
80.0	14.85	27.46	43.01	40.98	30.81	36.78	13.84	24.99	75- 80	212.6	25497
85.0	6.550	13.25	17.97	27.07	9.754	24.81	4.474	11.23	80- 85	117.1	25614
90.0	1.560	3.885	5.393	12.20	2.769	10.11	1.570	2.986	85- 90	50.57	25665
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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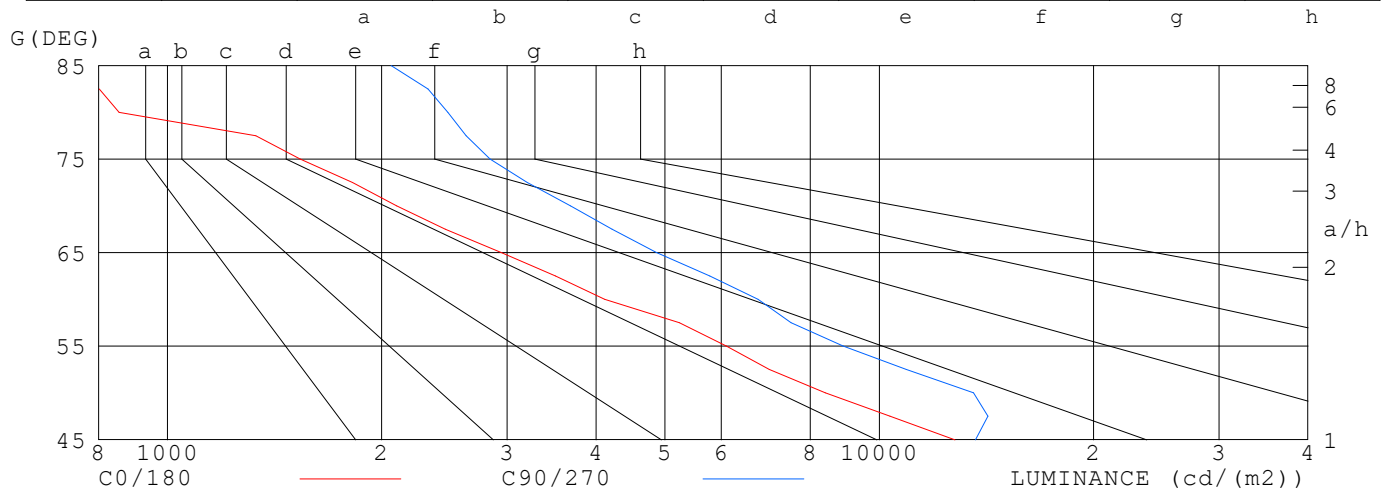
LUMINANCE LIMITATION CURVES

Report number:

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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	752	2063
80	856	2477
75	1537	2841
70	2099	3684
65	2945	4867
60	4113	6757
55	6098	8897
50	8399	13561
45	12778	13651

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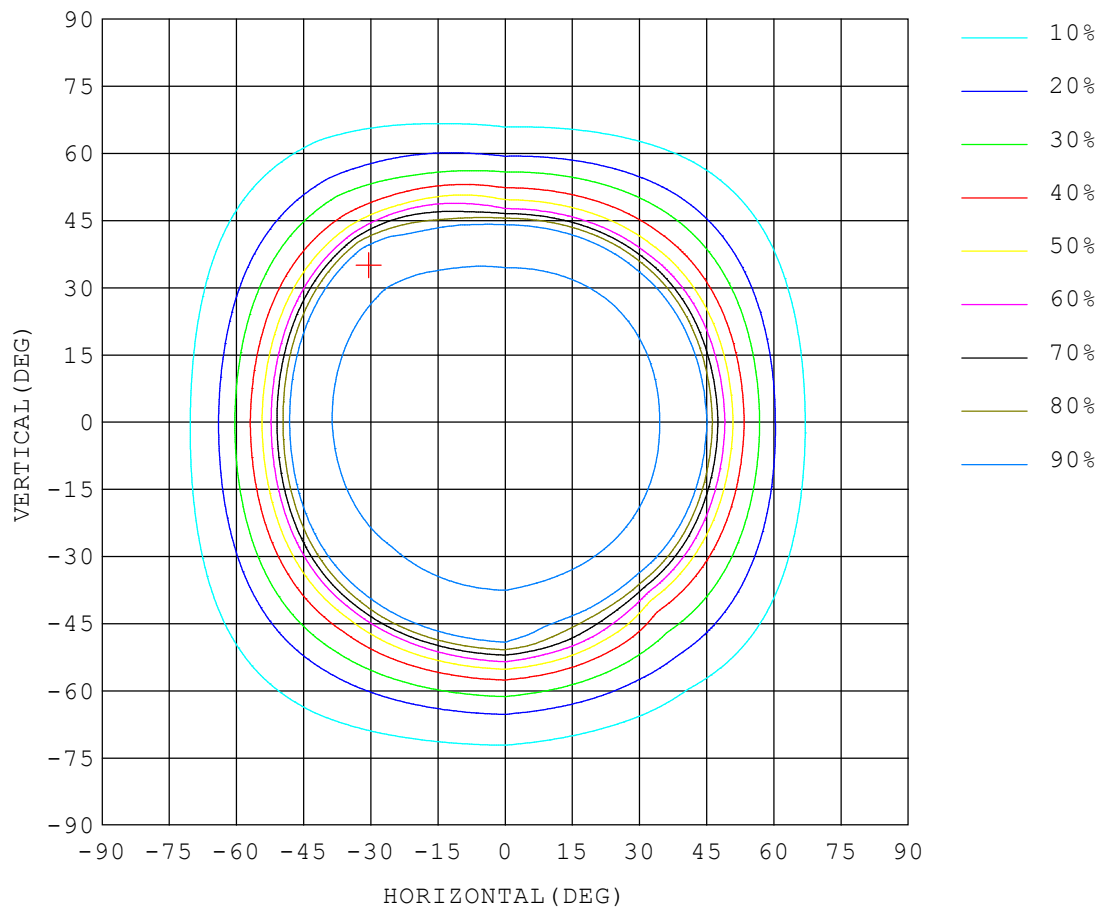
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ISOCANDELA DIAGRAM

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UNIT: cd



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