

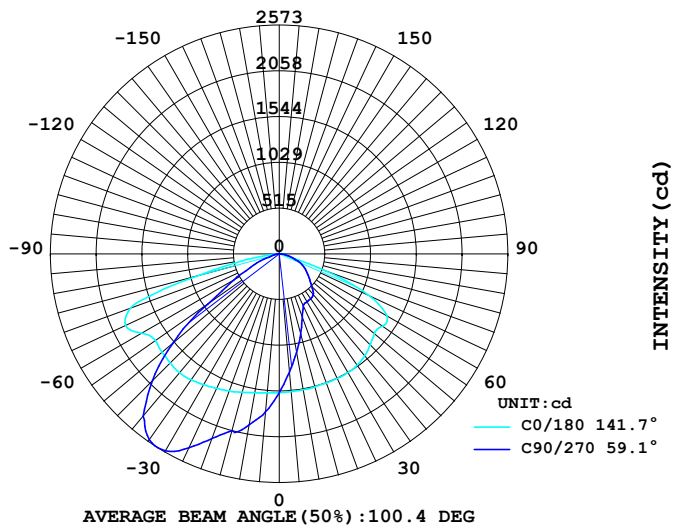
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

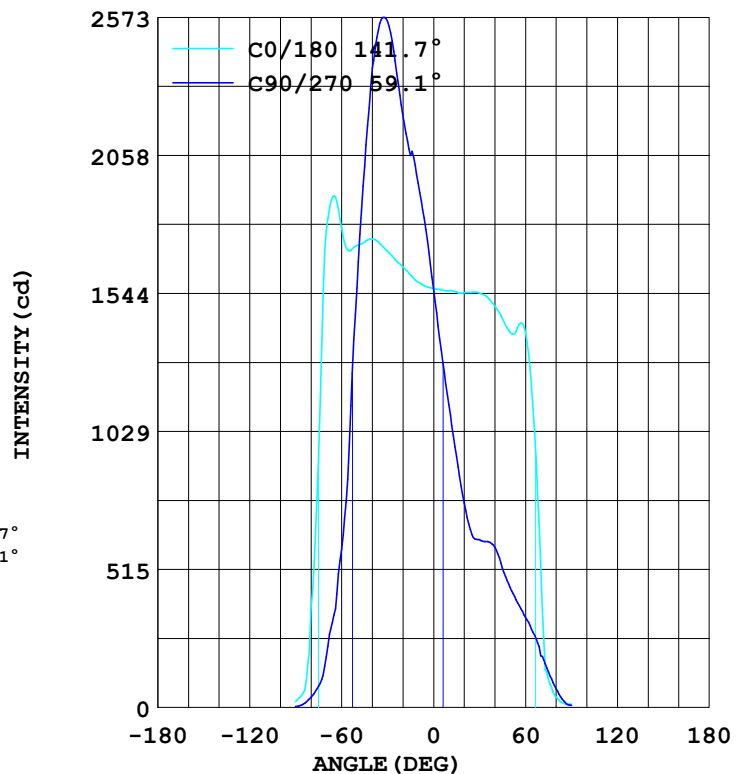
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0402C-T3B	WEIGHT:
SPECIFICATION: 5050LED、4000K、145*53DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3241	S/MH (C0/180)	1.69
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.72
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	6055.1	Voltage(V)	231.0
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	155.3	Current(A)	0.164
NOMINAL FLUX(lm)	6055.1	η up (%)	0.0	Power(W)	38.99
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.920
TEST VOLTAGE (V)	231.0	Effective Flux(lm)	6055.2	EEI	0.096

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



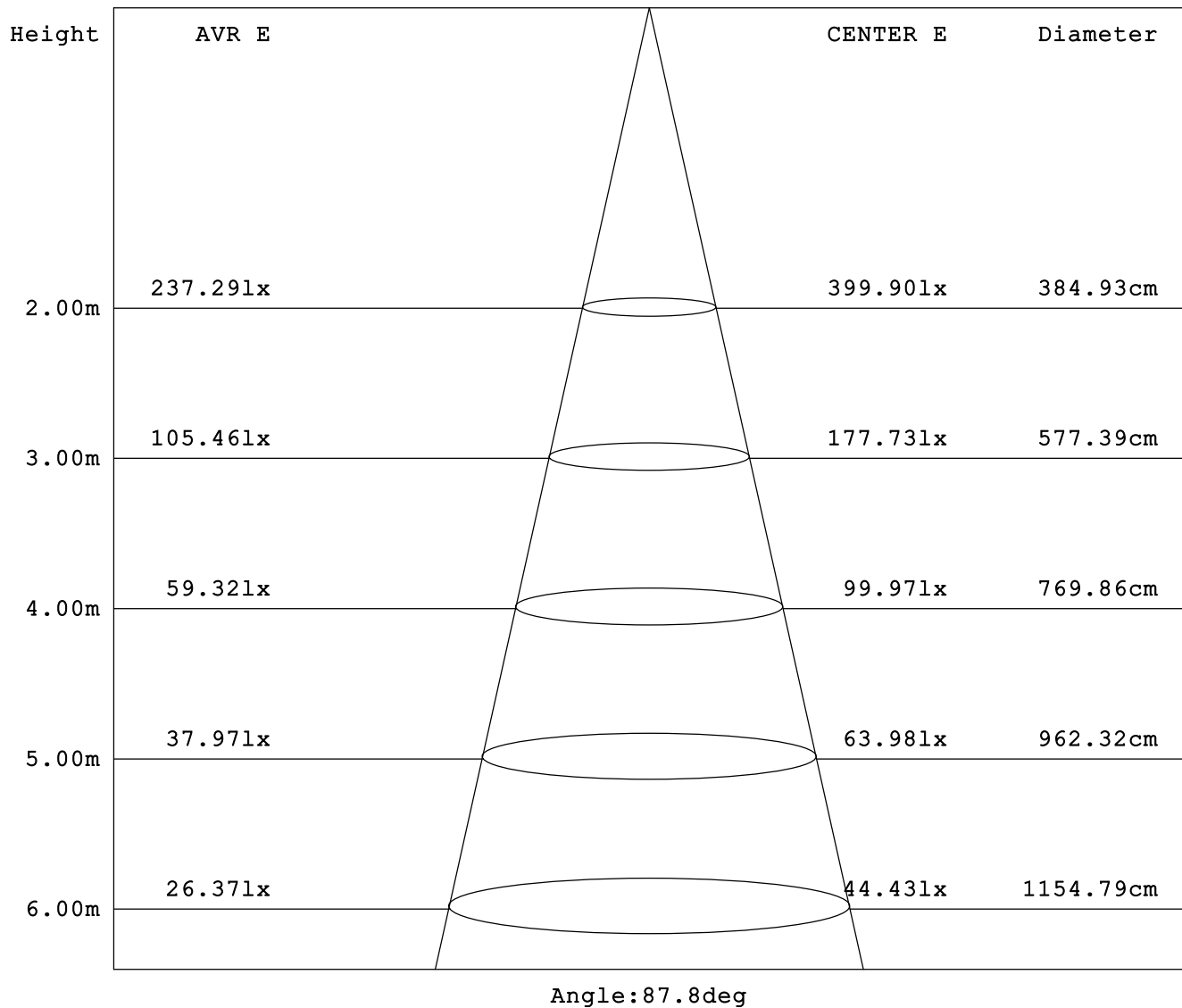
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

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

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 5050LED、4000K、145*53DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1570	1727	1782	1707	1556	1387	1335	1411	0- 5	37.30	37.30
10.0	1586	1880	1955	1832	1552	1229	1128	1264	5- 10	111.4	148.7
15.0	1613	2026	2057	1962	1549	1072	935.5	1123	10- 15	183.9	332.6
20.0	1642	2164	2209	2091	1546	916.2	763.2	983.7	15- 20	253.8	586.5
25.0	1670	2339	2409	2247	1547	778.8	645.4	848.3	20- 25	324.1	910.7
30.0	1701	2476	2558	2377	1545	680.1	625.2	722.6	25- 30	398.0	1309
35.0	1730	2602	2550	2496	1531	651.6	618.0	646.9	30- 35	471.8	1781
40.0	1746	2642	2383	2551	1497	677.6	597.8	642.5	35- 40	533.9	2315
45.0	1735	2585	2018	2526	1450	687.2	520.0	668.0	40- 45	575.0	2890
50.0	1722	2415	1564	2376	1398	661.8	447.7	659.3	45- 50	589.1	3479
55.0	1702	2115	979.1	2099	1418	577.3	389.8	628.8	50- 55	571.9	4051
60.0	1786	1775	589.7	1861	1401	415.6	337.1	473.7	55- 60	532.4	4583
65.0	1908	1290	345.8	1556	1113	295.3	279.5	329.8	60- 65	493.6	5077
70.0	1777	632.9	189.1	1049	532.4	203.4	192.3	225.4	65- 70	446.0	5523
75.0	933.2	245.0	79.08	354.6	105.3	114.1	133.0	123.4	70- 75	335.9	5859
80.0	365.7	102.4	38.12	84.81	39.13	44.72	69.93	56.12	75- 80	149.7	6009
85.0	53.77	40.55	12.30	30.78	14.74	10.96	23.96	16.85	80- 85	37.84	6046
90.0	22.63	12.49	4.248	10.67	12.24	5.481	7.843	6.177	85- 90	8.757	6055
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	

Test System:
Temperature:25.3DEG
Operators:
Test Date:2025.07.01

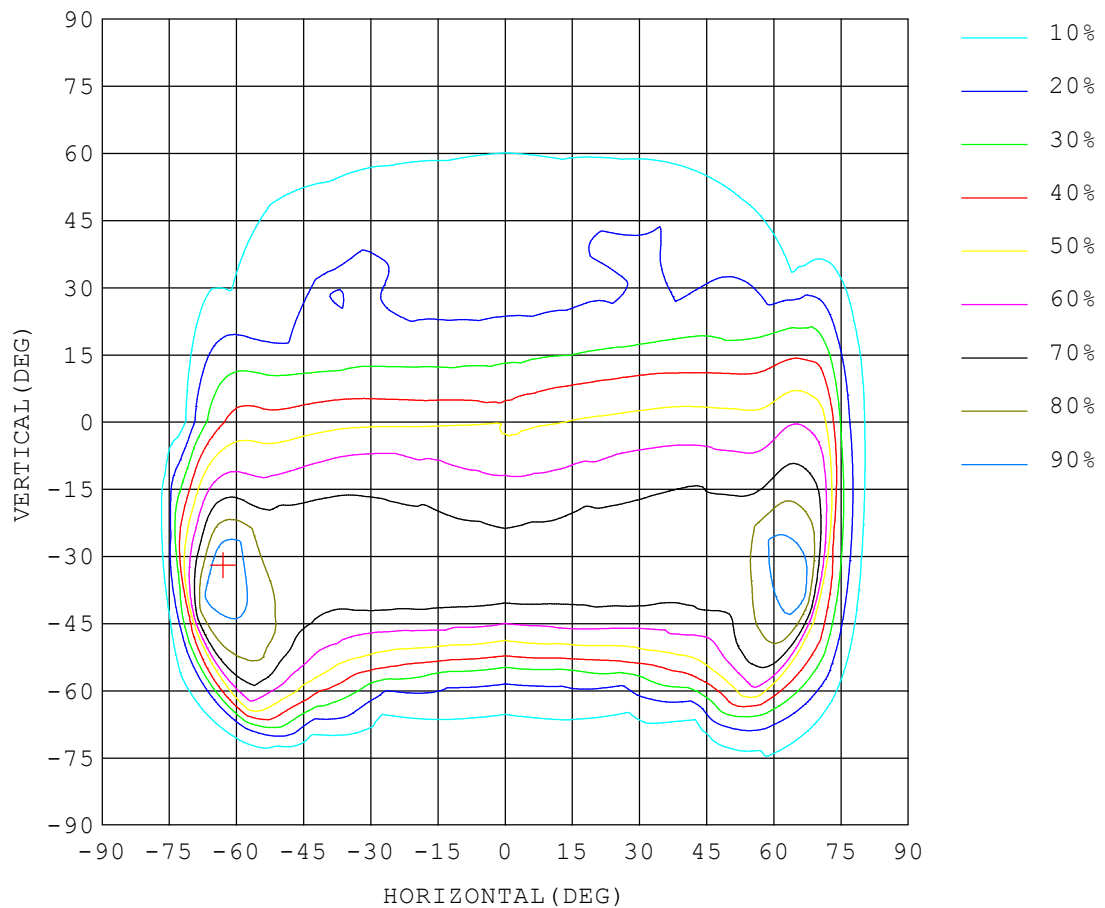
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ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 5050LED、4000K、145*53DEG	DIMENSION:	SERIAL No.:

UNIT: cd



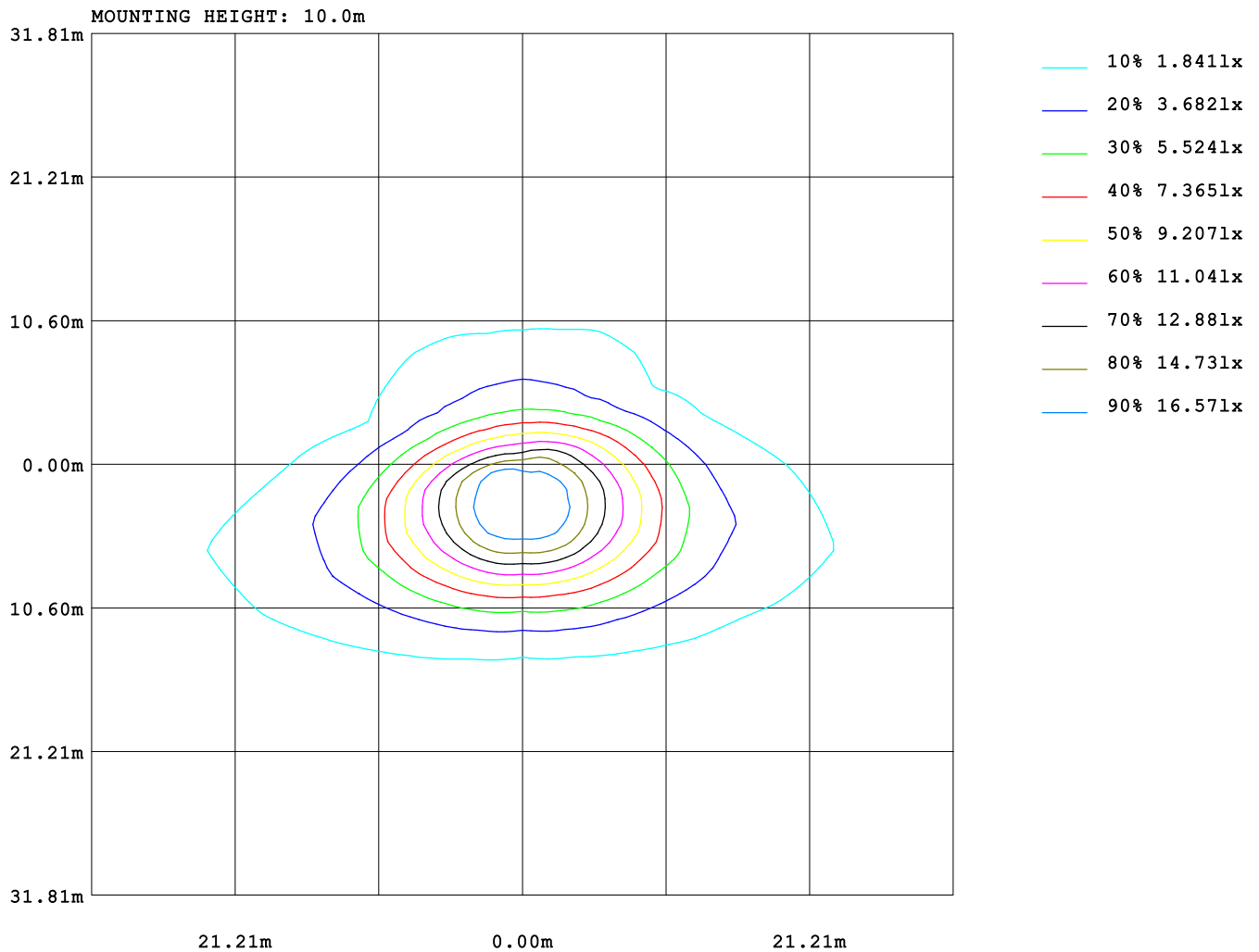
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025.07.01

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

ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0402C-T3B	WEIGHT:
SPECIFICATION: 5050LED、4000K、145*53DEG	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562
5.0	1570	1627	1679	1727	1758	1782	1782	1775	1743	1707	1658	1607	1556	1496	1438
10.0	1586	1702	1802	1880	1923	1960	1955	1944	1892	1832	1748	1660	1552	1425	1316
15.0	1613	1787	1912	2026	2080	2115	2057	2093	2017	1962	1842	1715	1549	1356	1193
20.0	1642	1869	2041	2164	2177	2268	2209	2241	2127	2091	1938	1777	1546	1280	1076
25.0	1670	1951	2128	2339	2387	2441	2409	2408	2333	2247	2035	1844	1547	1210	955
30.0	1701	2049	2255	2476	2595	2633	2558	2597	2524	2377	2155	1927	1545	1136	838
35.0	1730	2140	2381	2602	2679	2660	2550	2645	2606	2496	2271	2001	1531	1050	736
40.0	1746	2228	2518	2642	2576	2493	2383	2492	2526	2551	2385	2049	1497	941	678
45.0	1735	2305	2606	2585	2391	2155	2018	2168	2355	2526	2465	2087	1450	812	661
50.0	1722	2333	2613	2415	2045	1763	1564	1762	2017	2376	2491	2131	1398	675	669
55.0	1702	2432	2560	2115	1568	1199	979	1234	1613	2099	2477	2185	1418	538	623
60.0	1786	2732	2389	1775	961	677	590	684	1104	1861	2468	2504	1401	425	498
65.0	1908	3135	2370	1290	533	404	346	398	545	1556	2530	2988	1113	330	358
70.0	1777	3241	2312	633	280	246	189	250	274	1049	2483	2965	532	222	263
75.0	933	1646	1542	245	109	104	79.0	102	107	355	1954	2090	105	91.3	148
80.0	366	697	500	102	53.2	51.7	38.1	49.1	45.2	84.8	431	342	39.1	30.7	48.3
85.0	53.7	82.4	51.0	40.5	18.3	22.6	12.3	21.1	13.8	30.7	27.6	51.3	14.7	8.28	16.7
90.0	22.6	24.9	10.6	12.4	5.03	8.95	4.24	8.70	4.23	10.6	4.77	14.6	12.2	8.07	10.8

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SPECIFICATION: 5050LED、4000K、145*53DEG	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	1562	1562	1562	1562	1562	1562	1562	1562	1562
5.0	1387	1356	1335	1335	1343	1372	1411	1463	1519
10.0	1229	1168	1128	1128	1145	1192	1264	1367	1485
15.0	1072	993	940	936	958	1029	1123	1268	1446
20.0	916	821	768	763	785	865	984	1169	1401
25.0	779	688	651	645	658	720	848	1066	1356
30.0	680	632	623	625	619	633	723	964	1310
35.0	652	635	621	618	619	631	647	845	1255
40.0	678	650	609	598	621	651	643	730	1178
45.0	687	639	539	520	571	665	668	634	1086
50.0	662	546	455	448	472	614	659	579	969
55.0	577	445	393	390	400	485	629	543	842
60.0	416	349	334	337	331	367	474	475	698
65.0	295	286	274	280	272	288	330	358	501
70.0	203	216	201	192	202	211	225	244	264
75.0	114	133	119	133	123	133	123	136	113
80.0	44.7	62.8	57.7	69.9	59.6	68.3	56.1	62.3	41.1
85.0	10.9	20.2	15.2	23.9	17.3	24.8	16.8	21.6	12.1
90.0	5.48	8.20	4.09	7.84	4.02	8.90	6.17	11.1	6.89

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