

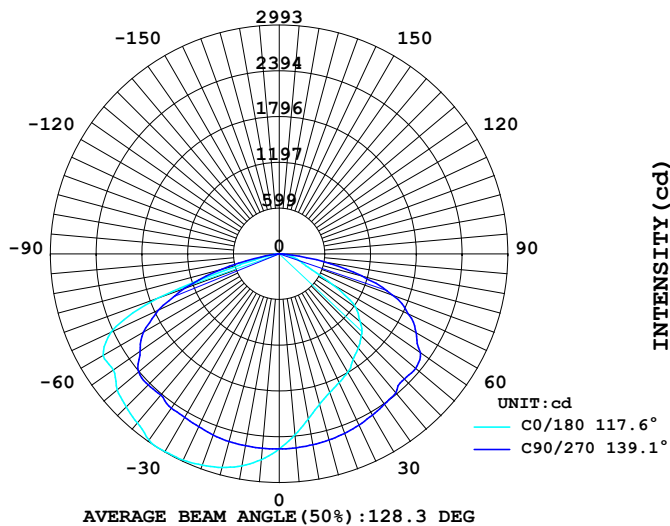
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

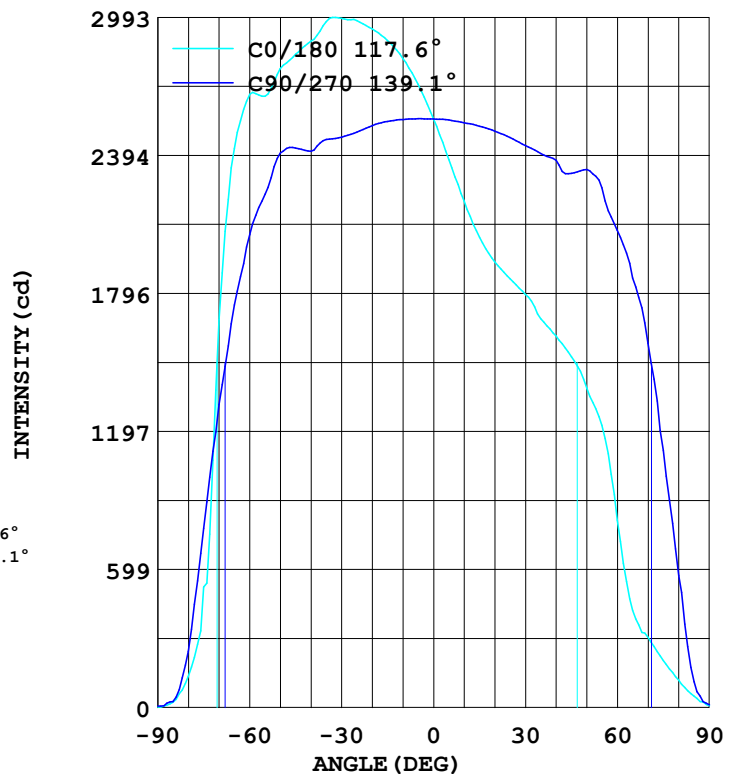
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2993	S/MH (C0/180)	1.70
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.48
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9544.6	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.6	Current(A)	0.263
NOMINAL FLUX(lm)	9544.6	η up (%)	0.0	Power(W)	59.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	9544.6	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.22

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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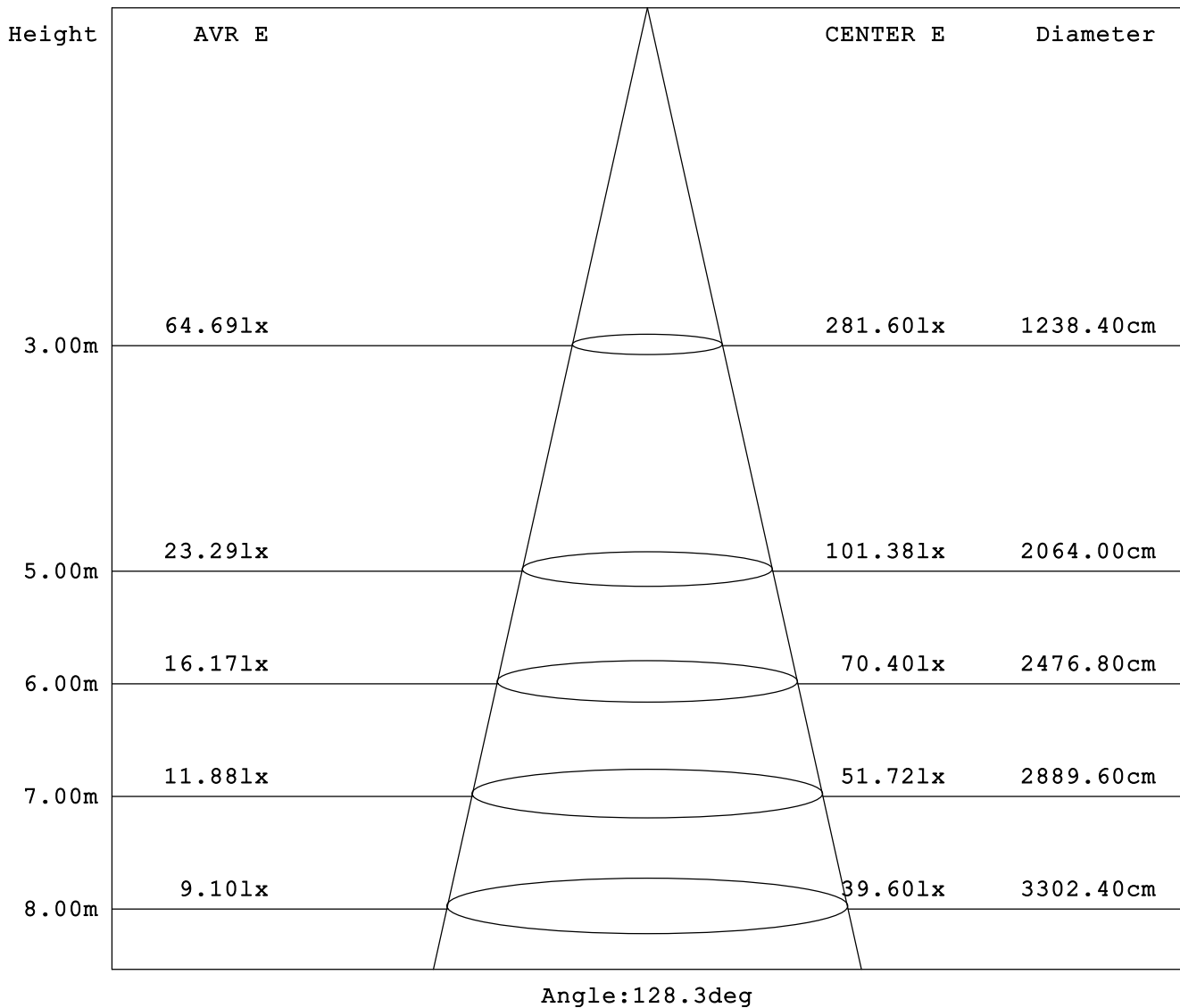
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2702	2658	2553	2649	2376	2431	2548	2442	0- 5	60.92	60.92
10.0	2815	2746	2550	2724	2196	2300	2536	2328	5- 10	181.2	242.1
15.0	2892	2807	2542	2782	2039	2172	2521	2222	10- 15	297.6	539.8
20.0	2943	2841	2524	2812	1934	2072	2499	2137	15- 20	408.8	948.6
25.0	2978	2849	2496	2817	1859	1986	2472	2055	20- 25	514.1	1463
30.0	2988	2847	2474	2802	1792	1898	2437	1968	25- 30	612.1	2075
35.0	2974	2844	2463	2784	1686	1810	2402	1875	30- 35	700.8	2776
40.0	2890	2871	2412	2780	1611	1711	2373	1766	35- 40	776.3	3552
45.0	2833	2899	2426	2827	1521	1570	2316	1618	40- 45	838.8	4391
50.0	2770	2863	2403	2845	1385	1417	2332	1431	45- 50	894.9	5286
55.0	2650	2638	2227	2598	1223	1246	2254	1263	50- 55	916.5	6202
60.0	2659	2508	2051	2395	812.6	1055	2069	1055	55- 60	890.0	7093
65.0	2425	2410	1746	2285	420.8	830.6	1863	811.5	60- 65	836.1	7929
70.0	1682	2437	1314	2301	304.4	591.0	1579	551.9	65- 70	735.8	8665
75.0	521.9	1743	777.3	1969	204.0	265.7	1115	200.5	70- 75	535.5	9200
80.0	135.9	486.5	244.2	737.5	118.4	119.9	572.2	100.2	75- 80	258.9	9459
85.0	23.18	57.59	24.99	100.8	49.68	47.80	111.3	39.56	80- 85	73.54	9533
90.0	1.979	4.715	6.049	2.611	6.958	6.689	11.74	7.051	85- 90	12.08	9545
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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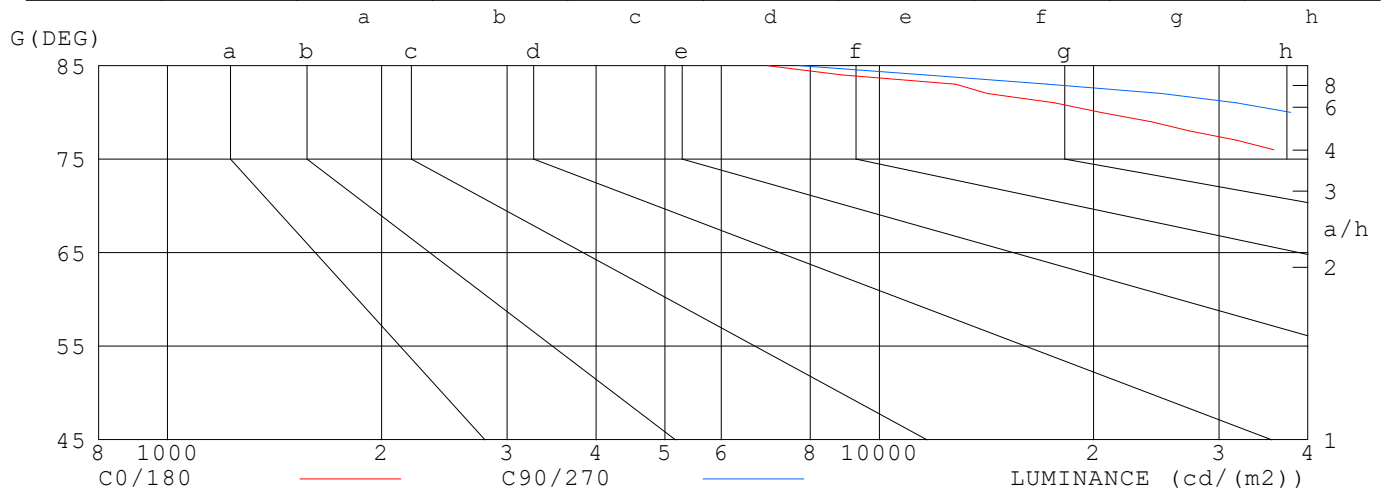
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、4000K、type4	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	6952	7718
80	20461	37848
75	52711	80814
70	128511	103412
65	149979	111186
60	138970	110364
55	120760	104462
50	112625	100600
45	104699	92334

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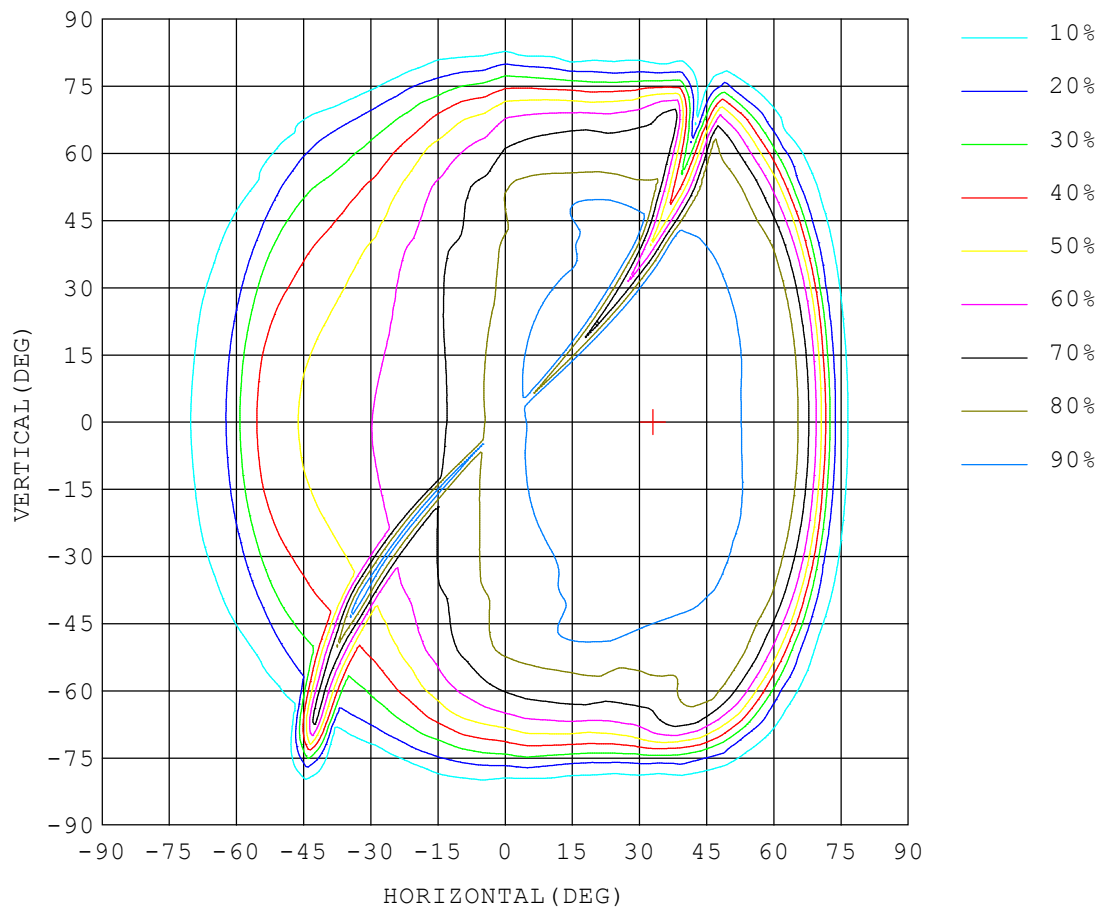
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ISOCANDELA DIAGRAM

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UNIT: cd



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