

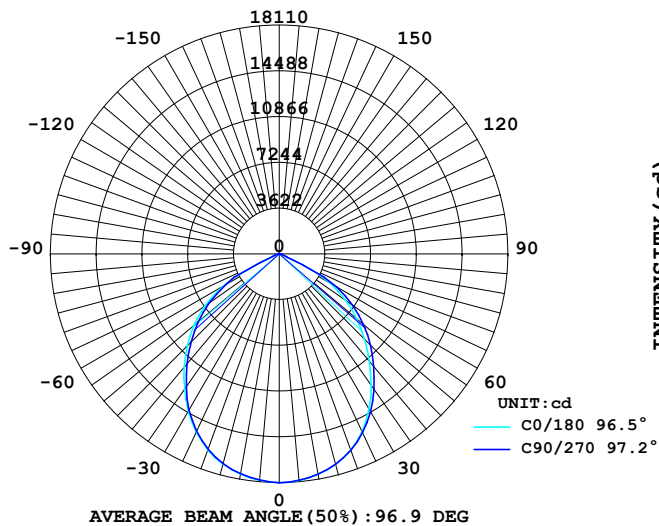
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

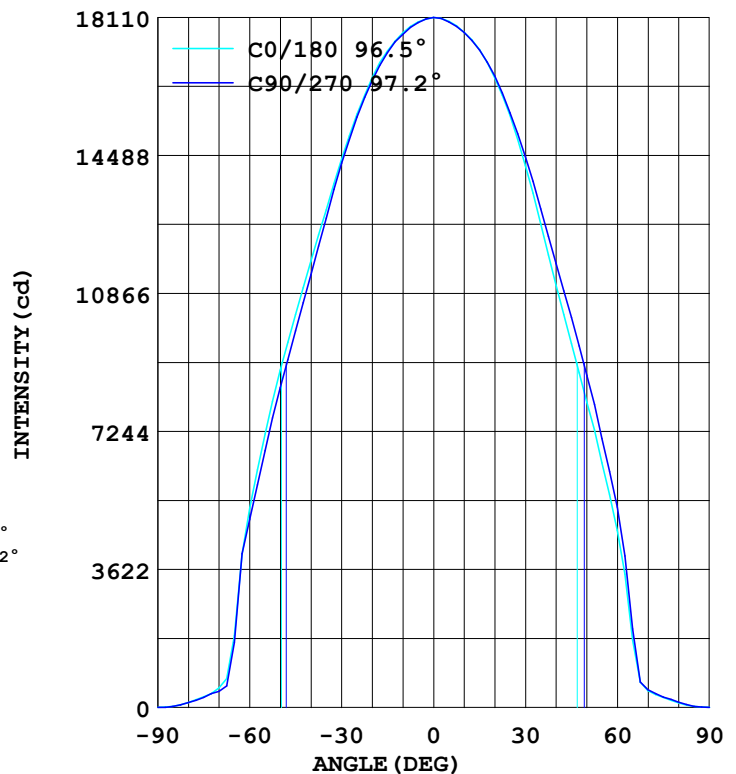
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	18110	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	250	TOTAL FLUX(lm)	38728	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.9	Current(A)	1.114
NOMINAL FLUX(lm)	38728.2	η up (%)	0.0	Power(W)	249.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	38728.2	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.19

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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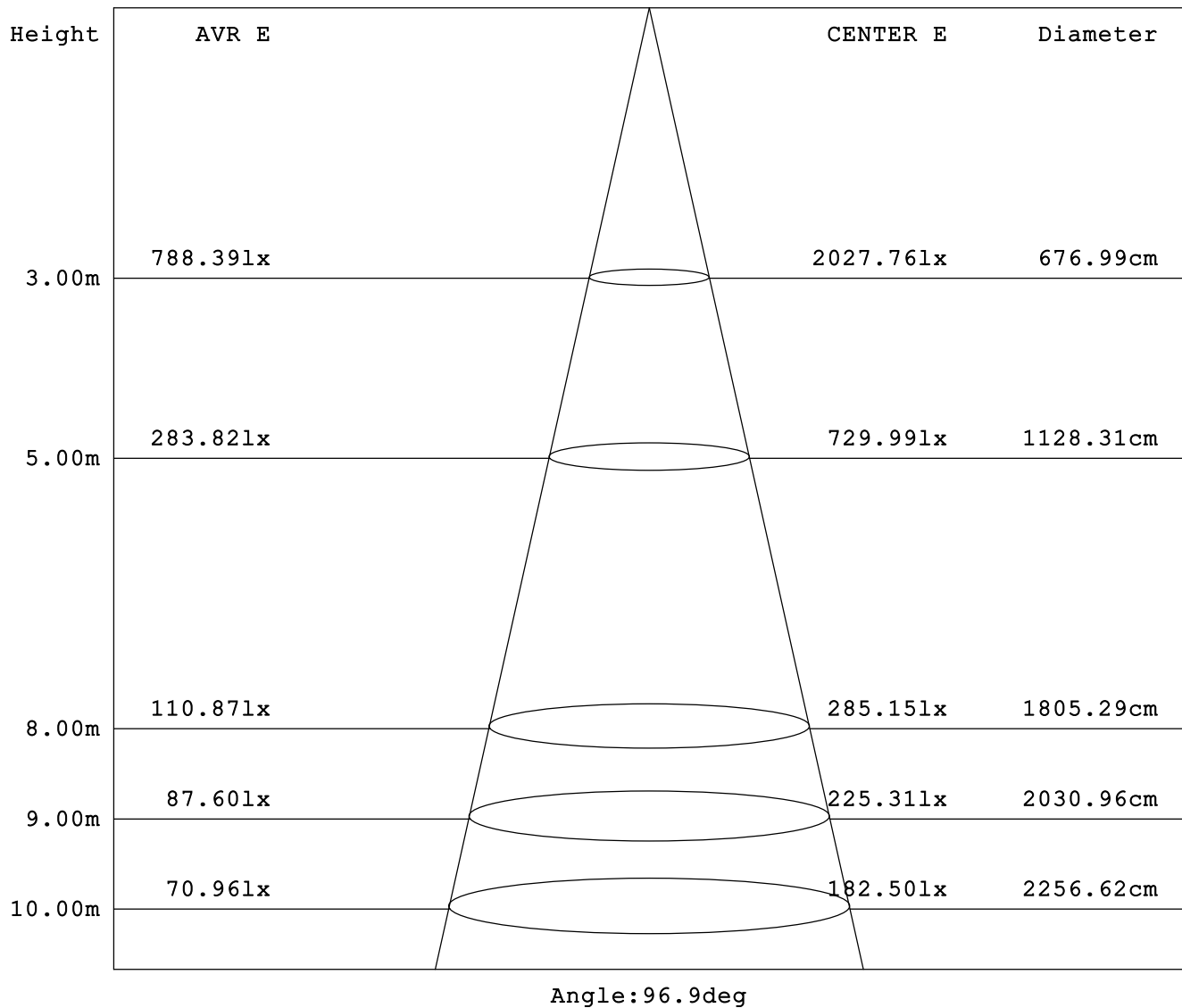
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1799	1796	1797	1799	1800	1799	1799	1798	0- 5	431.4	431.4
10.0	1770	1765	1766	1768	1771	1768	1771	1771	5- 10	1276	1707
15.0	1723	1715	1718	1720	1726	1720	1725	1724	10- 15	2071	3778
20.0	1653	1647	1646	1649	1653	1649	1658	1657	15- 20	2780	6559
25.0	1557	1555	1549	1555	1554	1555	1561	1569	20- 25	3365	9924
30.0	1440	1438	1429	1428	1421	1435	1445	1454	25- 30	3788	13712
35.0	1306	1300	1284	1274	1269	1293	1308	1322	30- 35	4021	17733
40.0	1171	1154	1135	1112	1108	1137	1165	1179	35- 40	4067	21799
45.0	1031	1008	987.9	957.5	955.0	983.1	1023	1035	40- 45	3964	25763
50.0	884.5	859.1	839.0	808.3	801.1	828.9	871.6	882.8	45- 50	3725	29488
55.0	717.8	698.9	674.2	650.2	642.4	670.1	706.1	721.3	50- 55	3336	32824
60.0	523.3	521.7	494.1	478.0	465.2	498.8	525.8	546.8	55- 60	2757	35581
65.0	188.1	331.2	171.2	312.1	176.6	327.4	205.9	381.1	60- 65	1918	37499
70.0	51.27	120.8	42.40	115.4	44.11	124.1	46.44	129.6	65- 70	804.4	38303
75.0	28.50	31.65	26.48	25.55	26.16	28.00	27.24	32.04	70- 75	267.9	38571
80.0	13.33	13.66	12.76	12.36	12.10	11.69	13.75	13.25	75- 80	107.8	38679
85.0	2.842	4.115	2.559	3.379	2.631	2.825	3.347	3.626	80- 85	41.54	38720
90.0	0.536	0.719	0.230	0.676	0.585	0.245	0.624	0.280	85- 90	7.869	38728
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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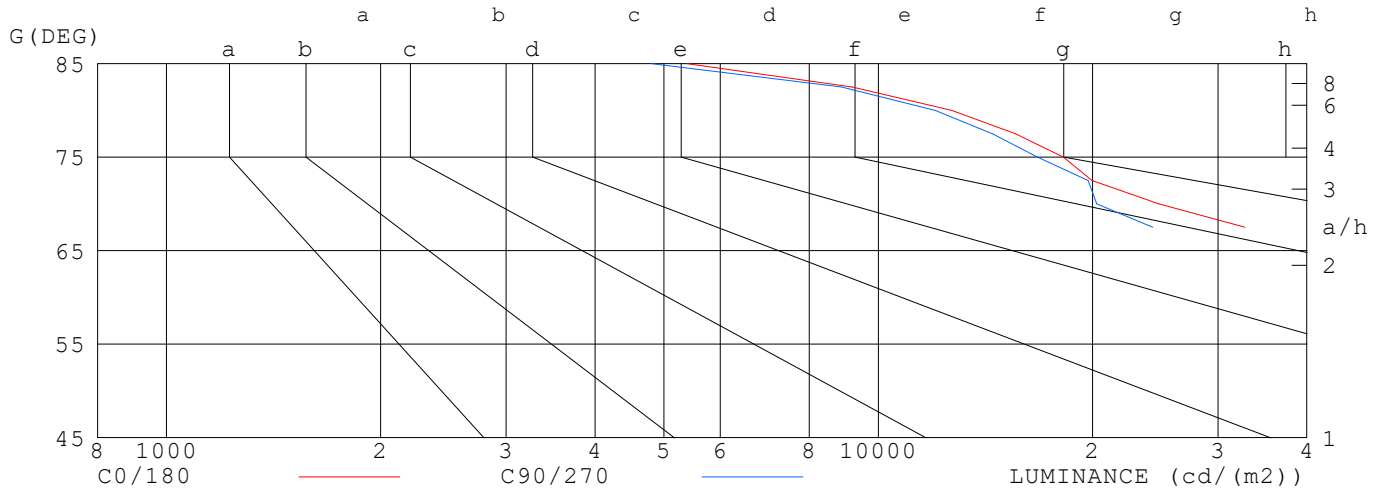
LUMINANCE LIMITATION CURVES

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	5387	4802
80	12685	12021
75	18193	16732
70	24766	20271
65	73562	66255
60	172918	161585
55	206749	192210
50	227343	213431
45	240961	228428

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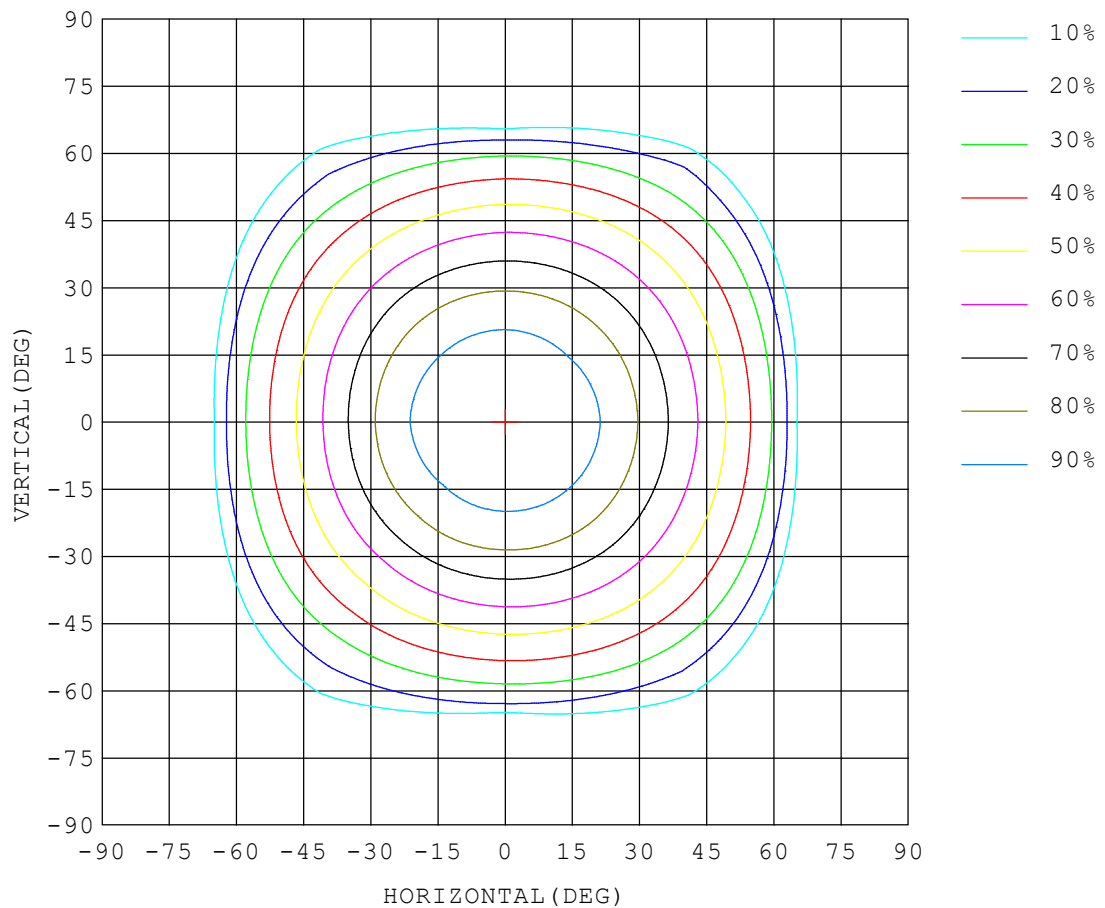
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ISOCANDELA DIAGRAM

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UNIT: cd



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