

LUMINAIRE PHOTOMETRIC TEST REPORT

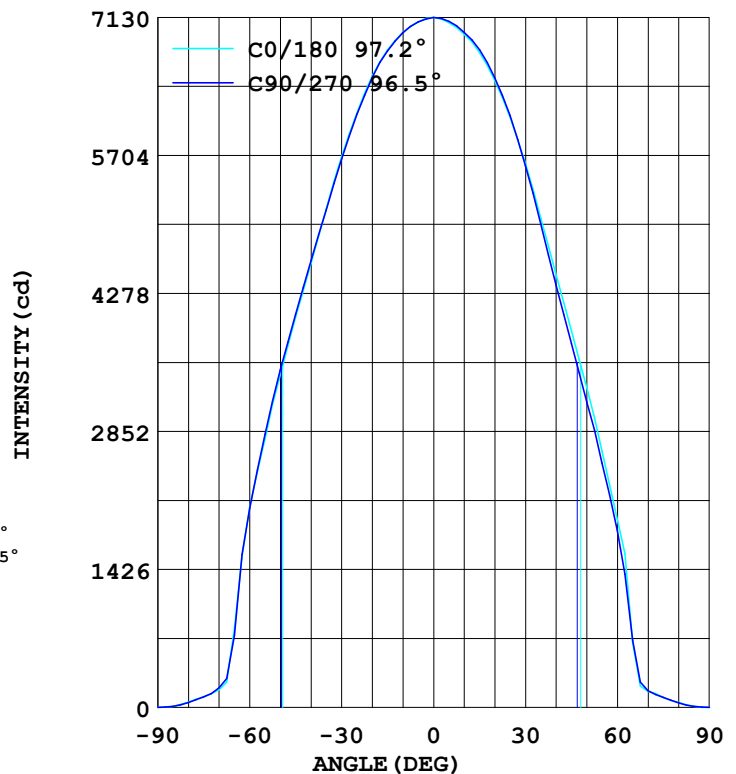
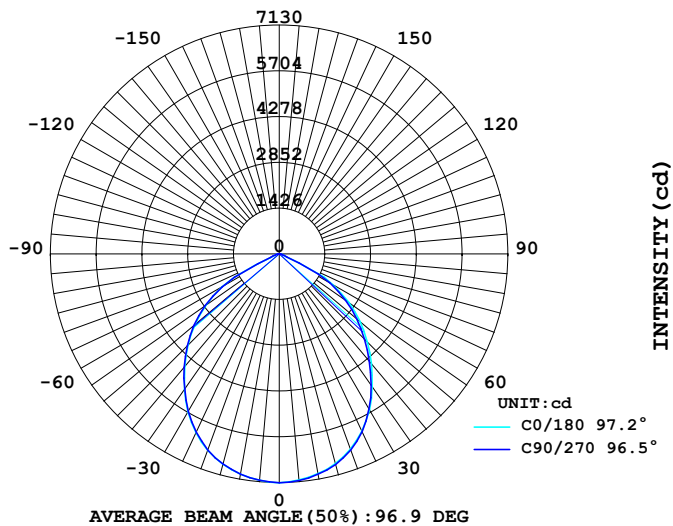
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	7130	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER (W)	100	TOTAL FLUX (lm)	15247	Voltage (V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current (A)	0.452
NOMINAL FLUX (lm)	15247.3	η up (%)	0.0	Power (W)	101.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux (lm)	15247.3	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

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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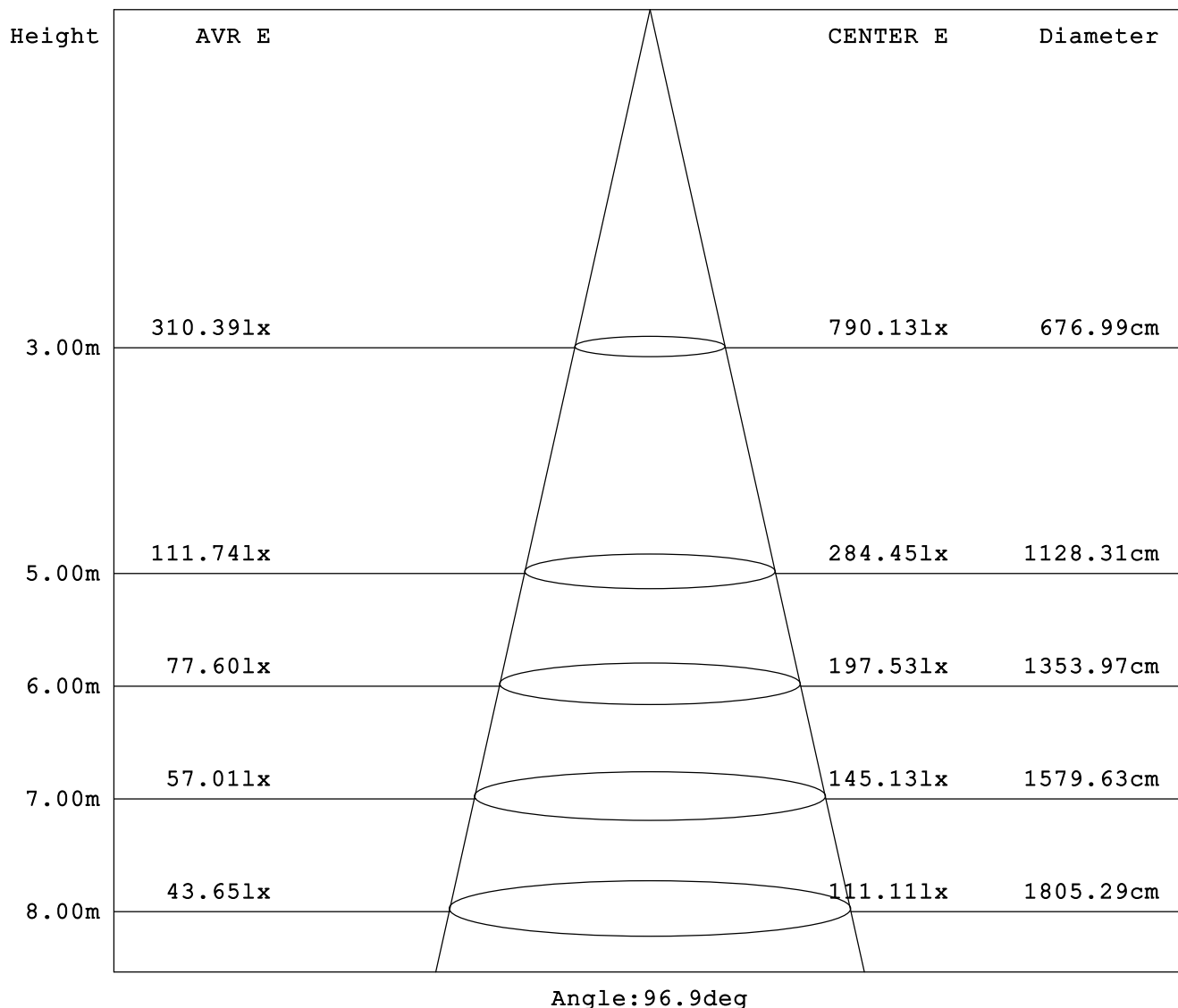
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	7083	7079	7082	7070	7074	7084	7088	7081	0- 5	169.8	169.8
10.0	6974	6972	6970	6950	6953	6962	6974	6961	5- 10	502.3	672.2
15.0	6790	6786	6782	6752	6764	6773	6796	6774	10- 15	815.2	1487
20.0	6526	6522	6509	6486	6481	6492	6508	6491	15- 20	1095	2582
25.0	6144	6176	6129	6122	6099	6123	6117	6124	20- 25	1325	3907
30.0	5691	5723	5668	5663	5625	5622	5596	5650	25- 30	1491	5398
35.0	5150	5204	5141	5119	5054	5015	4995	5090	30- 35	1583	6981
40.0	4586	4643	4611	4543	4470	4376	4361	4475	35- 40	1601	8582
45.0	4029	4077	4061	3967	3889	3770	3760	3871	40- 45	1561	10143
50.0	3432	3476	3483	3382	3303	3182	3154	3263	45- 50	1467	11609
55.0	2780	2840	2826	2752	2655	2560	2529	2638	50- 55	1313	12923
60.0	2070	2153	2061	2054	1945	1882	1832	1964	55- 60	1086	14008
65.0	810.9	1501	740.9	1304	674.2	1229	695.5	1289	60- 65	755.0	14763
70.0	182.8	510.4	201.8	475.6	166.9	454.3	173.6	488.8	65- 70	316.7	15080
75.0	107.2	126.1	112.2	124.6	104.2	100.6	103.0	110.2	70- 75	105.5	15185
80.0	54.14	52.18	52.49	53.81	50.26	48.67	47.63	46.03	75- 80	42.46	15228
85.0	13.17	14.27	11.19	16.20	10.07	13.30	10.35	11.12	80- 85	16.35	15244
90.0	2.455	1.103	2.110	2.829	0.904	2.661	2.301	0.964	85- 90	3.098	15247
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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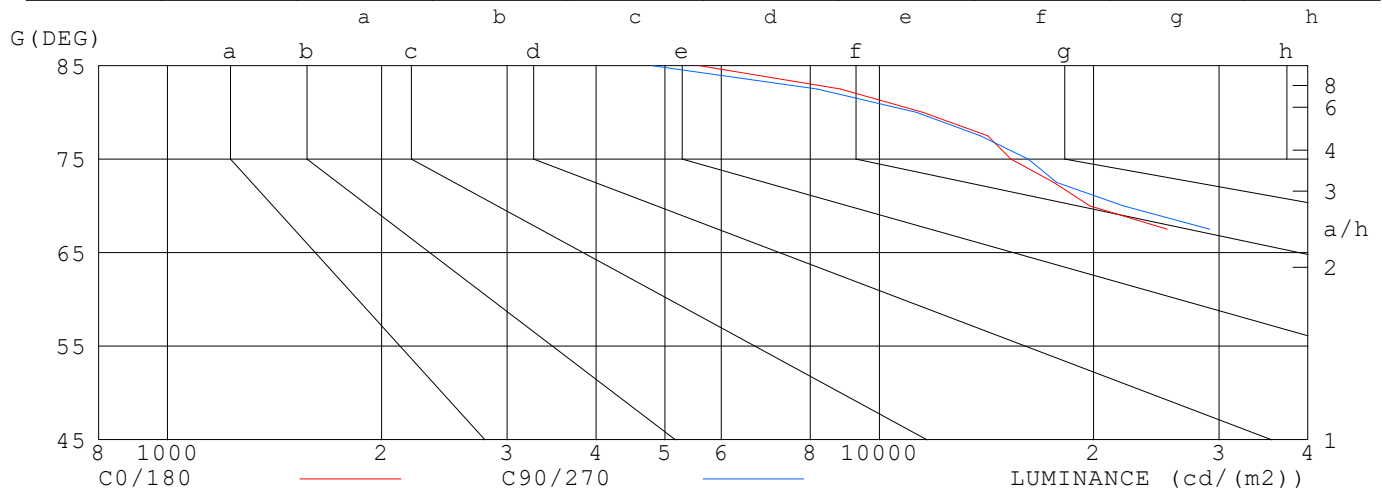
LUMINANCE LIMITATION CURVES

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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	5586	4792
80	11517	11283
75	15306	16182
70	19747	22029
65	70881	65431
60	152947	153806
55	179054	183897
50	197206	202215
45	210491	214328

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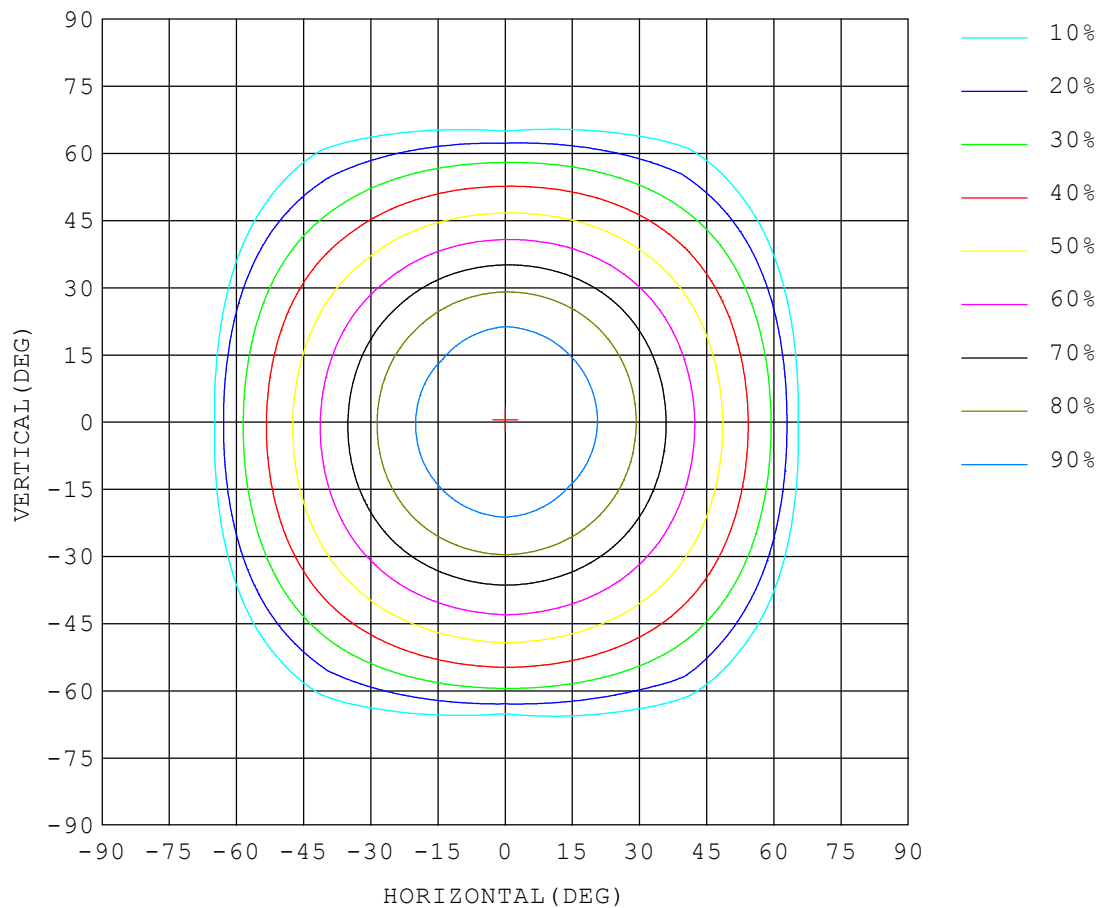
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UNIT: cd



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