

# LUMINAIRE PHOTOMETRIC TEST REPORT

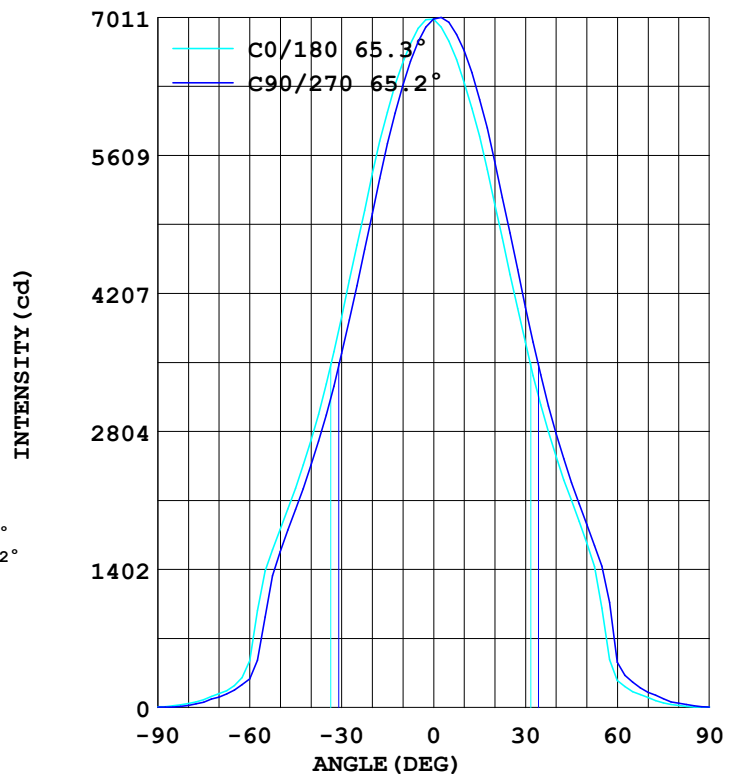
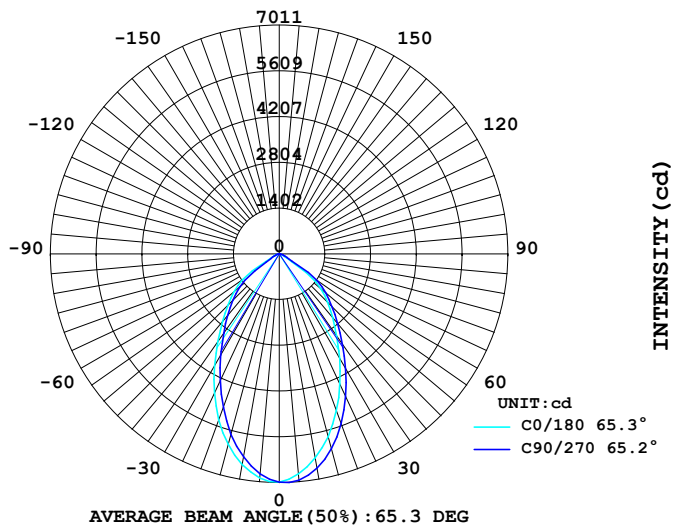
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	7011	S/MH (C0/180)	0.93
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.87
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9588.0	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.9	Current(A)	0.264
NOMINAL FLUX(lm)	9588.0	$\eta$ up (%)	0.0	Power(W)	59.98
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	9588.0	EEI	0.094

## LUMINOUS INTENSITY DISTRIBUTION

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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:

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## Color Temperature Data List

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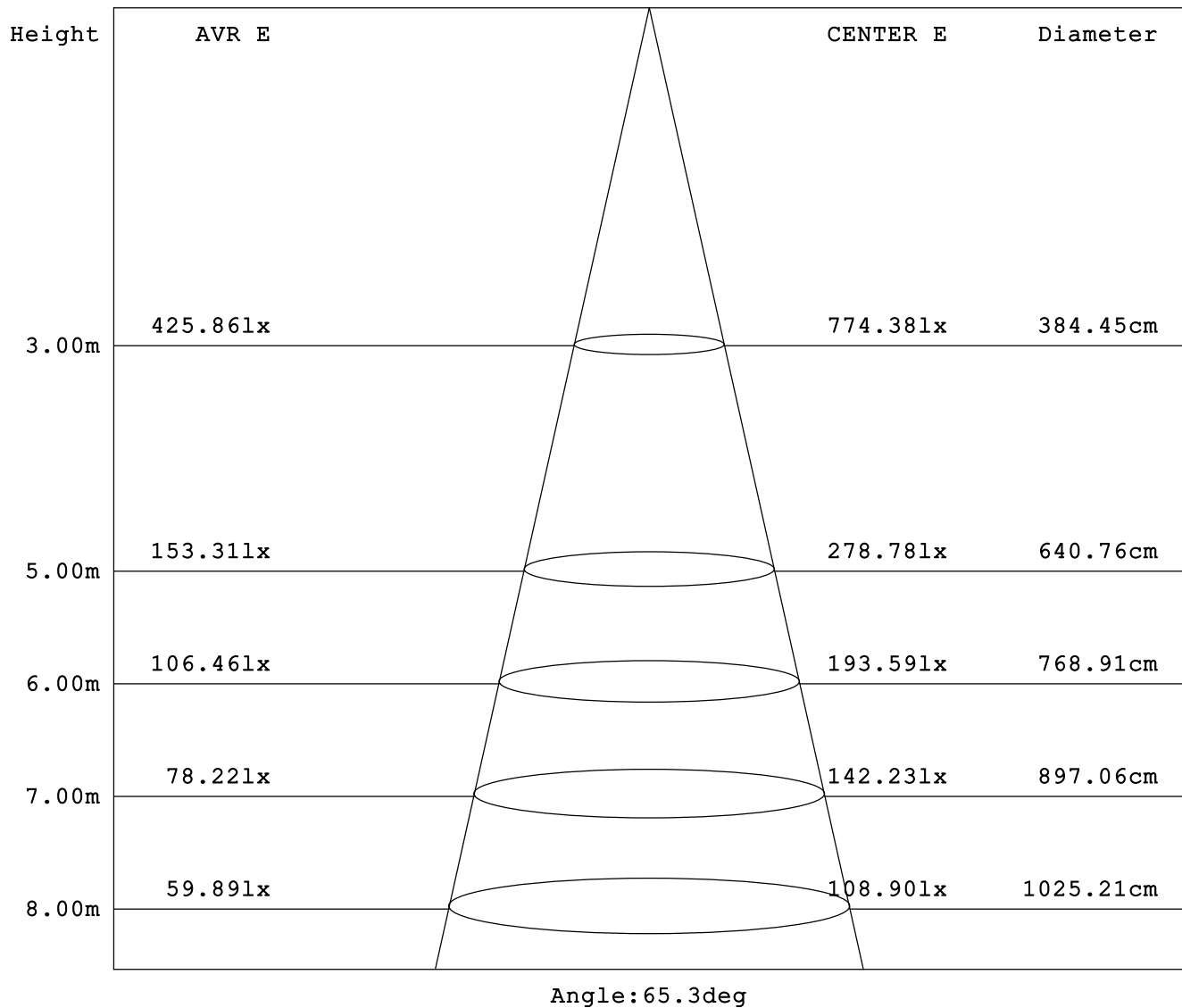
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6899	6885	6764	6769	6770	6810	6961	6938	0- 5	165.4	165.4
10.0	6552	6515	6317	6328	6346	6418	6671	6633	5- 10	476.2	641.7
15.0	6047	5983	5730	5748	5802	5851	6176	6143	10- 15	735.5	1377
20.0	5425	5345	5015	5066	5116	5180	5550	5523	15- 20	923.2	2301
25.0	4697	4625	4283	4360	4397	4486	4822	4796	20- 25	1029	3330
30.0	3966	3901	3597	3657	3712	3767	4065	4049	25- 30	1061	4391
35.0	3287	3233	2970	3019	3073	3108	3380	3354	30- 35	1030	5421
40.0	2711	2659	2461	2507	2552	2574	2782	2754	35- 40	964.1	6385
45.0	2225	2187	2012	2053	2105	2116	2283	2260	40- 45	882.3	7267
50.0	1811	1778	1582	1637	1671	1702	1859	1840	45- 50	785.1	8053
55.0	1386	1375	918.9	1234	1008	1293	1436	1441	50- 55	655.3	8708
60.0	476.5	951.6	290.9	761.4	274.3	826.7	459.8	1025	55- 60	434.5	9142
65.0	222.0	491.6	177.7	312.0	160.3	350.0	259.6	558.9	60- 65	227.3	9370
70.0	141.5	192.8	107.2	140.5	100.8	154.6	154.5	206.5	65- 70	112.5	9482
75.0	80.91	98.37	52.74	76.98	47.82	85.67	89.44	106.2	70- 75	58.95	9541
80.0	41.04	44.70	22.76	29.59	19.70	34.16	44.94	50.43	75- 80	30.27	9571
85.0	16.63	13.22	6.255	9.217	5.546	10.47	17.54	14.73	80- 85	12.22	9584
90.0	6.720	5.105	5.610	6.556	4.241	6.545	6.448	4.998	85- 90	4.328	9588
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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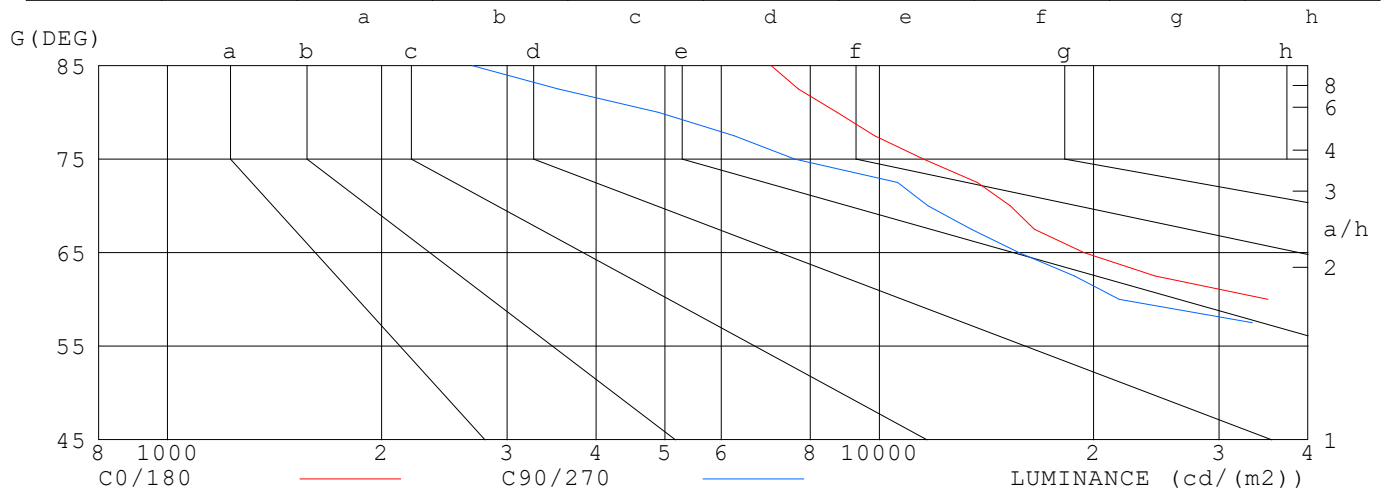
## LUMINANCE LIMITATION CURVES

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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	7046	2680
80	8723	4896
75	11538	7611
70	15272	11710
65	19392	15711
60	35180	21732
55	89196	59835
50	103960	91896
45	116130	106257

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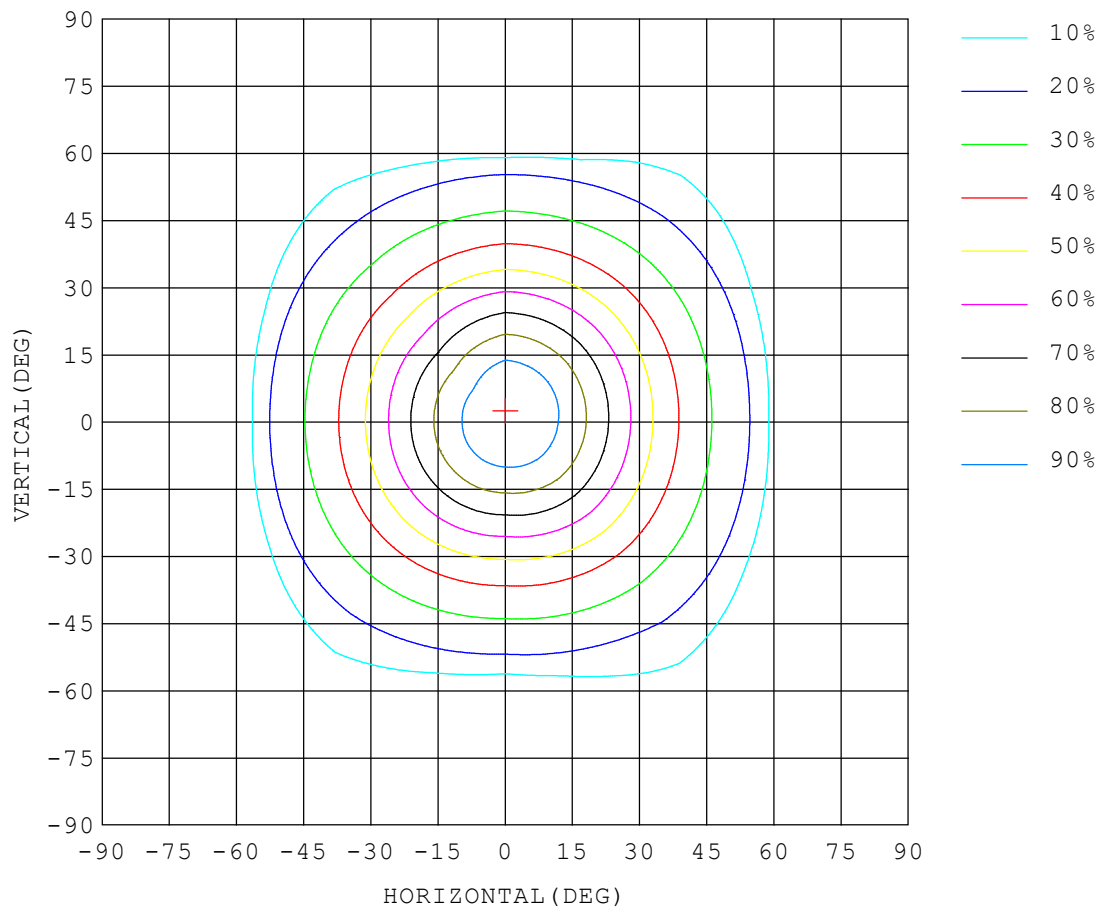
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## ISOCANDELA DIAGRAM

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UNIT: cd



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