

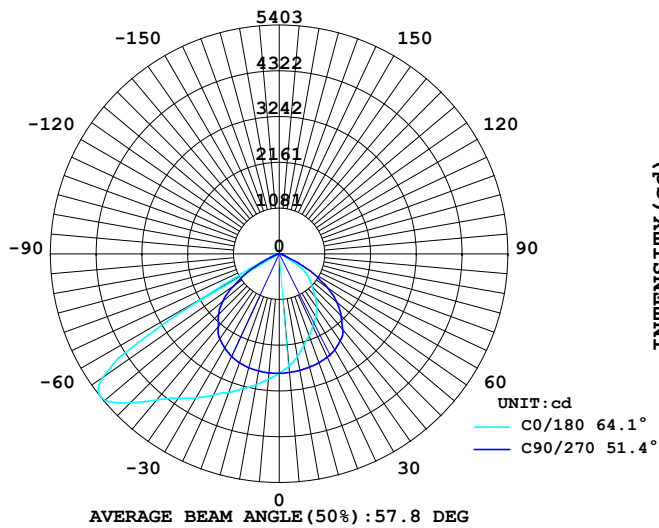
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

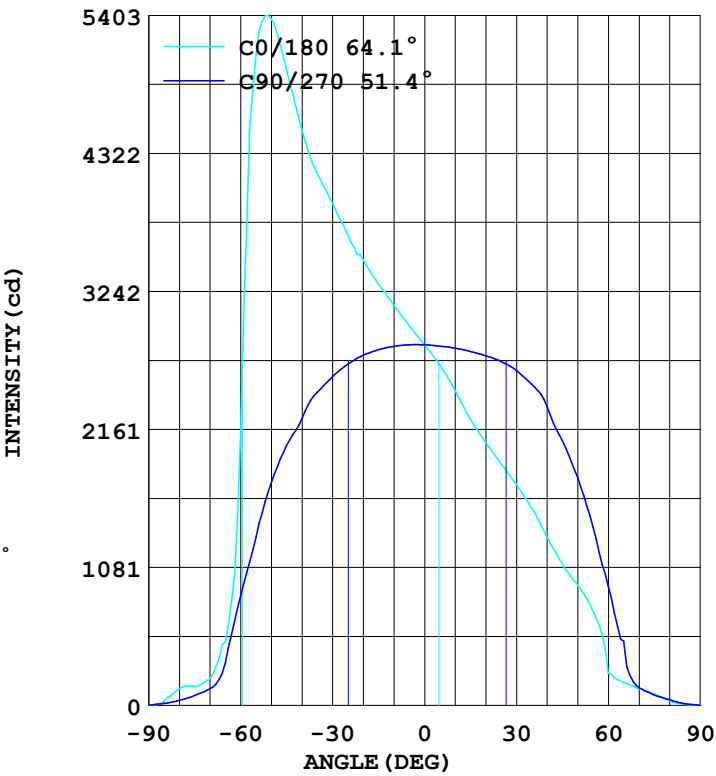
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5558	S/MH (C0/180)	2.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.35
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	8686.4	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	144.8	Current(A)	0.264
NOMINAL FLUX(lm)	8686.5	η up (%)	0.0	Power(W)	59.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	8686.5	EEI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.21

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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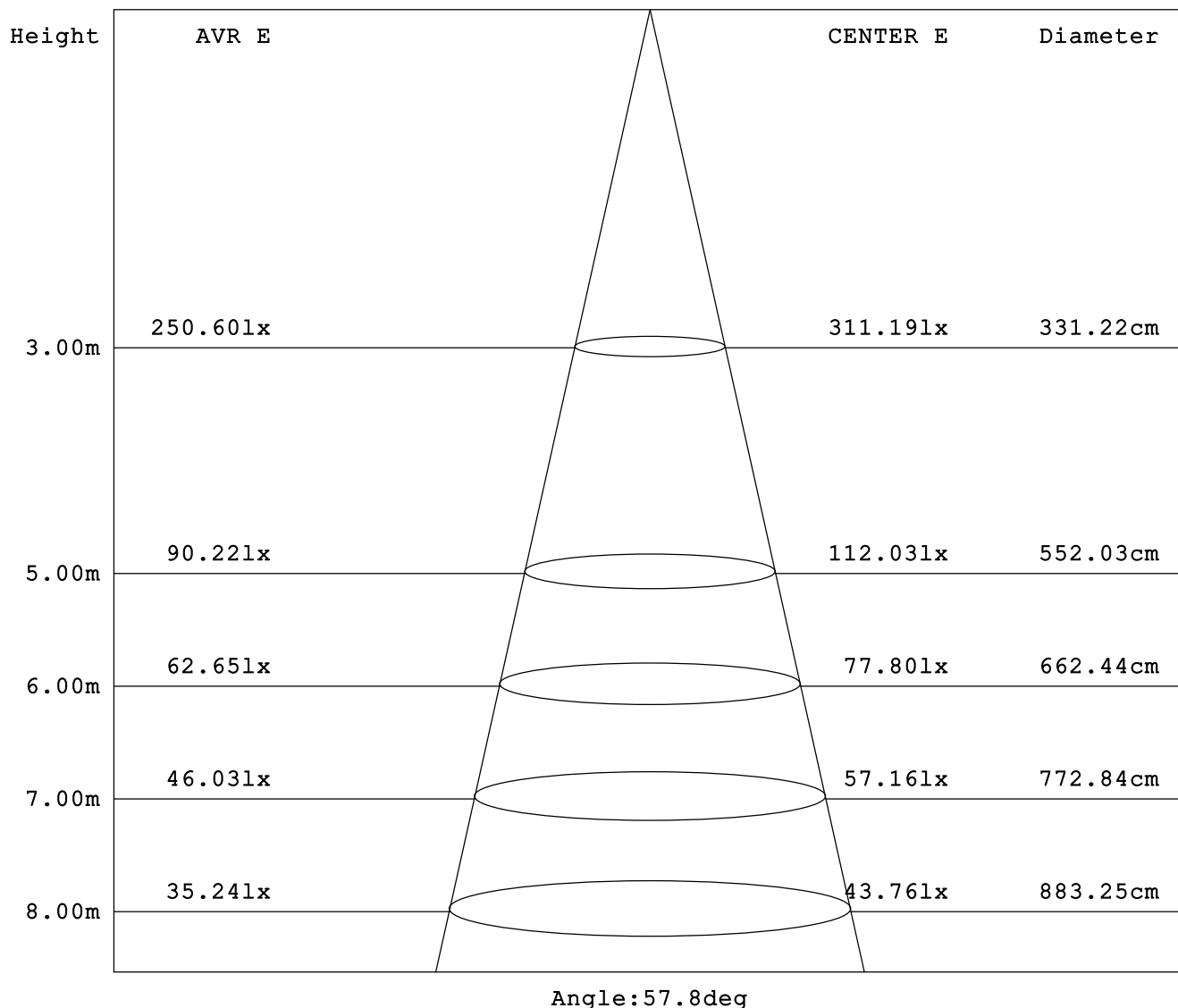
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2974	2930	2824	2711	2665	2705	2814	2924	0- 5	67.43	67.43
10.0	3137	3041	2811	2574	2463	2564	2797	3030	5- 10	201.0	268.5
15.0	3300	3164	2786	2406	2242	2398	2771	3148	10- 15	330.8	599.3
20.0	3486	3290	2742	2219	2058	2214	2738	3271	15- 20	455.4	1055
25.0	3681	3429	2672	2037	1893	2035	2693	3413	20- 25	575.5	1630
30.0	3930	3587	2576	1864	1730	1864	2621	3564	25- 30	690.1	2320
35.0	4161	3747	2451	1665	1544	1671	2515	3713	30- 35	795.8	3116
40.0	4508	3896	2244	1430	1319	1430	2339	3837	35- 40	885.7	4002
45.0	4978	3974	2037	1172	1108	1163	2071	3892	40- 45	954.3	4956
50.0	5377	3901	1741	866.4	941.7	841.3	1782	3772	45- 50	1004	5961
55.0	5096	3440	1318	556.0	738.5	537.2	1400	3296	50- 55	1005	6966
60.0	2162	2902	863.9	306.5	250.9	285.7	932.4	2736	55- 60	862.8	7828
65.0	500.1	2056	335.6	174.6	180.9	166.8	505.1	1838	60- 65	518.8	8347
70.0	212.0	449.9	130.7	119.5	132.7	114.6	139.2	406.0	65- 70	211.6	8559
75.0	150.3	114.1	79.10	67.82	88.94	63.54	82.12	114.3	70- 75	68.33	8627
80.0	132.5	57.48	40.30	29.81	38.02	28.00	46.25	58.52	75- 80	37.43	8665
85.0	29.26	22.51	15.20	9.860	9.031	8.938	14.81	22.40	80- 85	17.08	8682
90.0	1.817	4.361	2.778	2.861	3.831	2.953	2.102	3.344	85- 90	4.618	8686
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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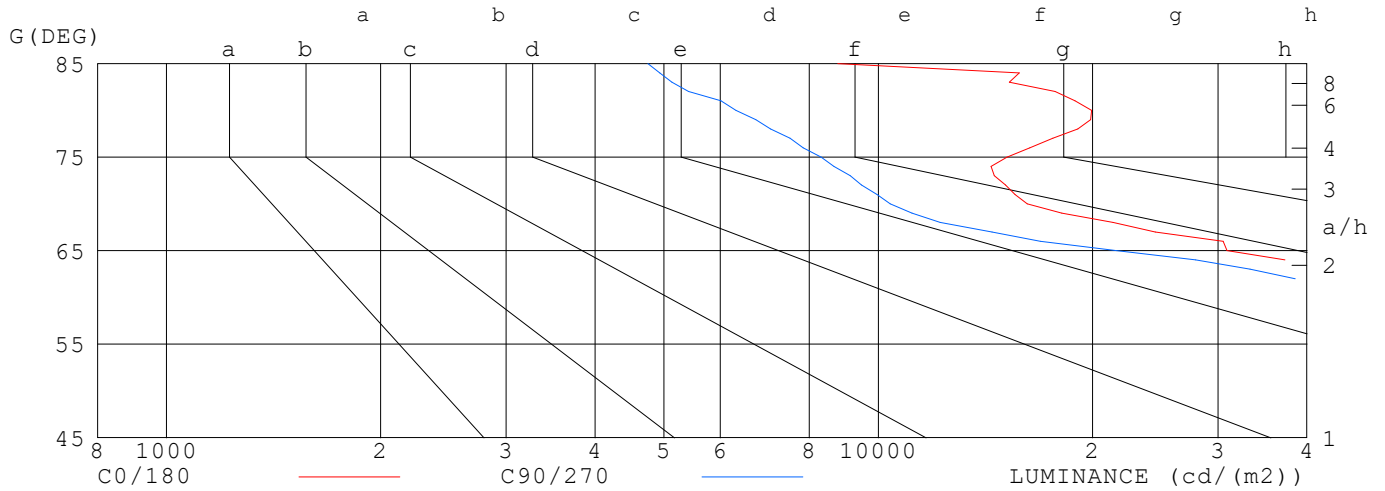
LUMINANCE LIMITATION CURVES

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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	8767	4744
80	19927	6311
75	15164	8311
70	16190	10395
65	30899	21599
60	112931	46983
55	232003	62506
50	218443	73635
45	183819	78315

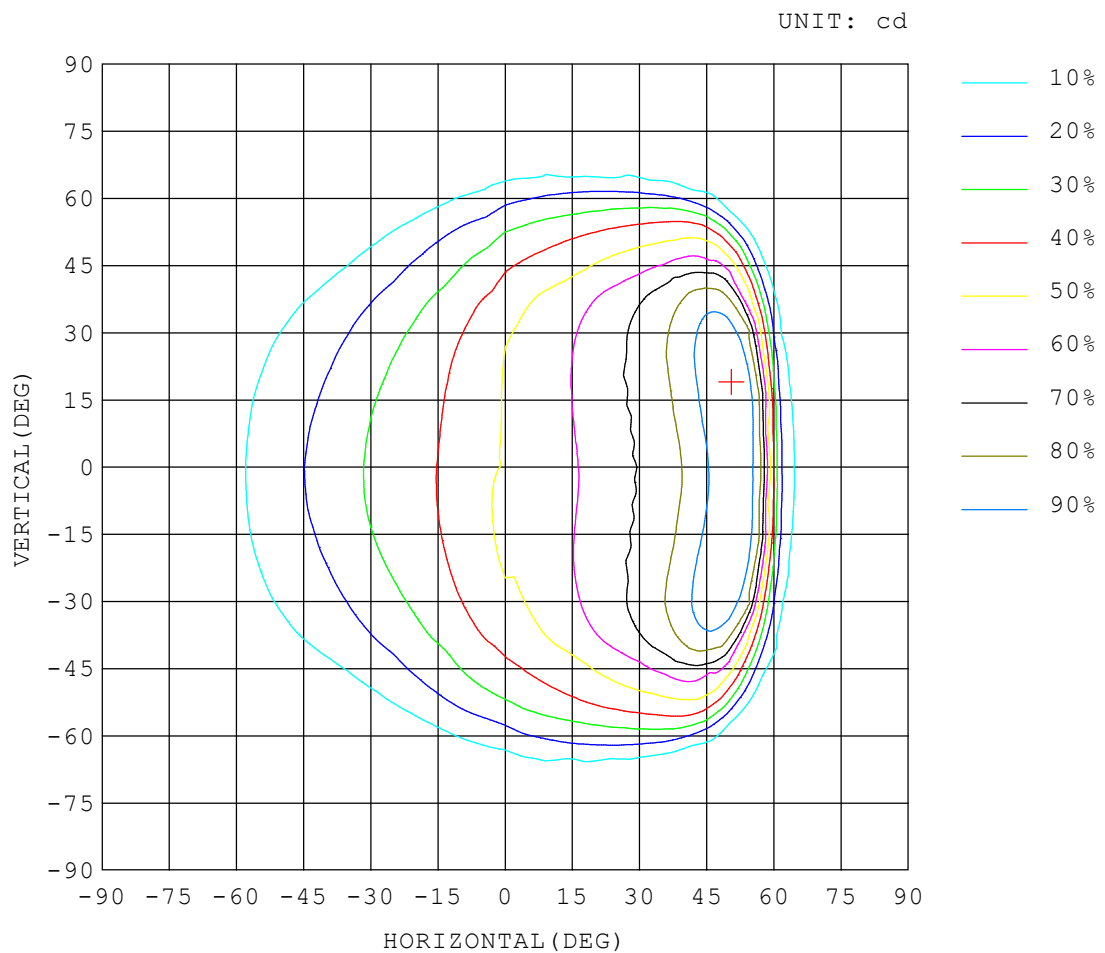
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