

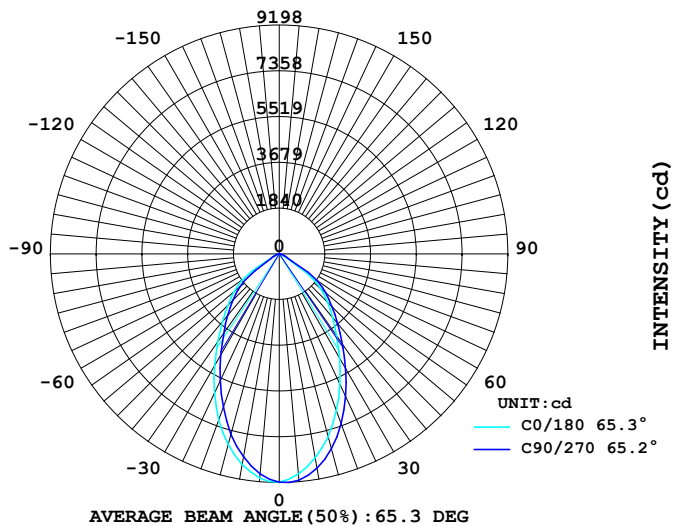
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

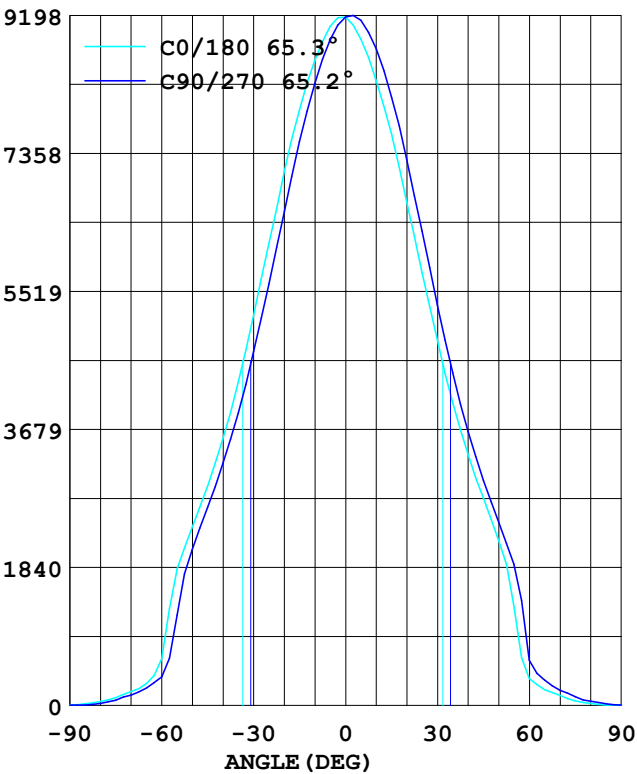
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	9198	S/MH (C0/180)	0.93
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.87
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	12578	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.1	Current(A)	0.347
NOMINAL FLUX(lm)	12578.0	η up (%)	0.0	Power(W)	81.09
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	12578.0	EEI	0.097

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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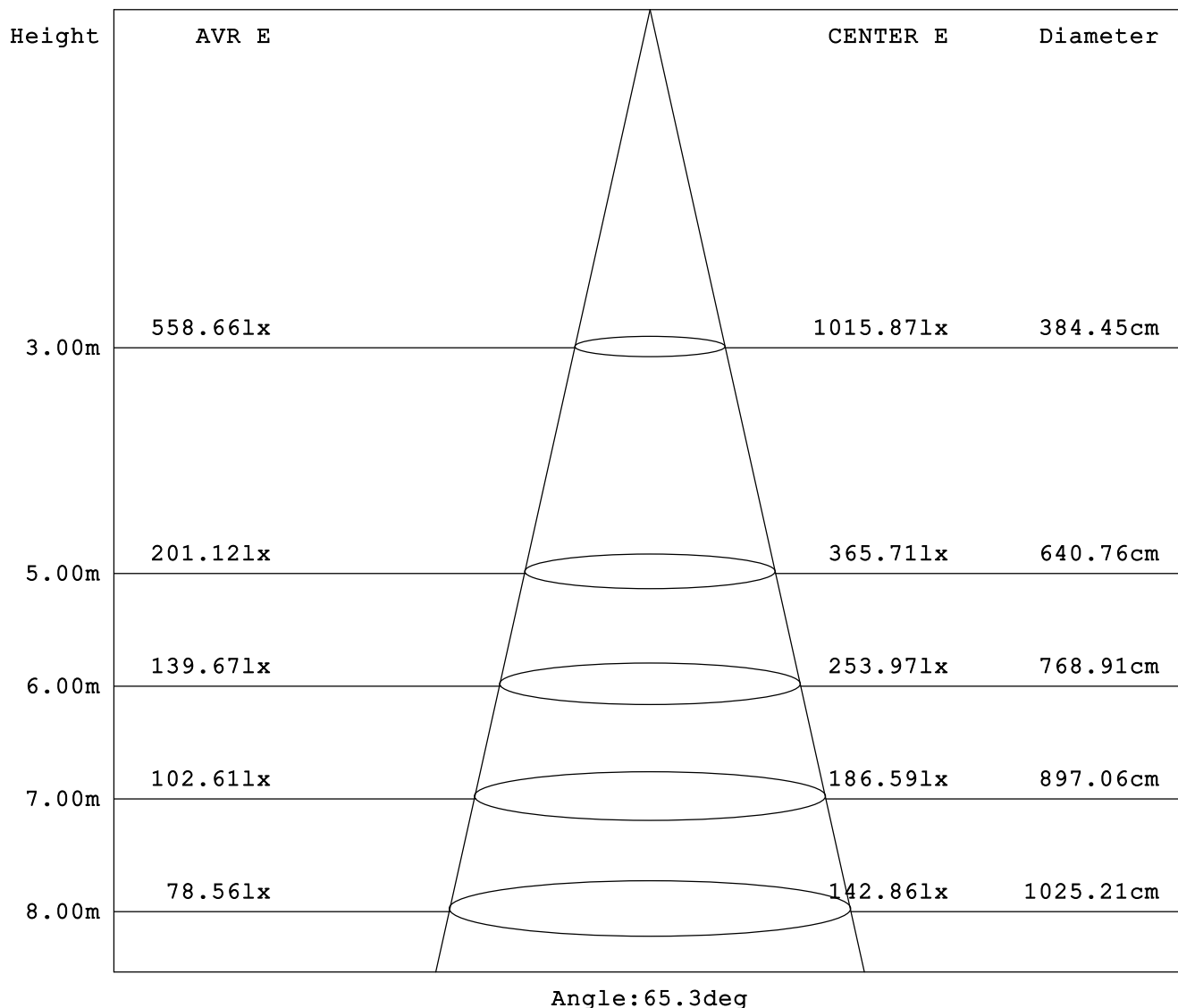
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	9050	9032	8873	8880	8881	8933	9132	9102	0- 5	217.0	217.0
10.0	8596	8547	8287	8301	8325	8419	8751	8702	5- 10	624.7	841.8
15.0	7933	7848	7516	7540	7611	7676	8102	8058	10- 15	964.9	1807
20.0	7116	7012	6579	6646	6712	6795	7281	7246	15- 20	1211	3018
25.0	6162	6068	5619	5720	5768	5885	6326	6292	20- 25	1351	4369
30.0	5202	5118	4718	4797	4869	4942	5333	5312	25- 30	1392	5760
35.0	4312	4241	3896	3960	4032	4077	4434	4401	30- 35	1351	7111
40.0	3556	3488	3229	3289	3348	3376	3649	3613	35- 40	1265	8376
45.0	2919	2869	2639	2694	2761	2776	2995	2964	40- 45	1157	9534
50.0	2375	2333	2075	2147	2192	2232	2438	2413	45- 50	1030	10564
55.0	1818	1804	1206	1619	1323	1696	1884	1890	50- 55	859.7	11423
60.0	625.2	1248	381.6	998.8	359.9	1085	603.2	1345	55- 60	570.0	11993
65.0	291.2	644.9	233.2	409.4	210.3	459.1	340.6	733.2	60- 65	298.1	12292
70.0	185.6	253.0	140.6	184.4	132.2	202.8	202.7	270.9	65- 70	147.5	12439
75.0	106.1	129.0	69.19	100.9	62.74	112.3	117.3	139.3	70- 75	77.34	12517
80.0	53.84	58.64	29.86	38.83	25.85	44.81	58.96	66.16	75- 80	39.71	12556
85.0	21.82	17.34	8.205	12.09	7.275	13.73	23.01	19.33	80- 85	16.03	12572
90.0	8.816	6.697	7.359	8.600	5.563	8.586	8.459	6.556	85- 90	5.678	12578
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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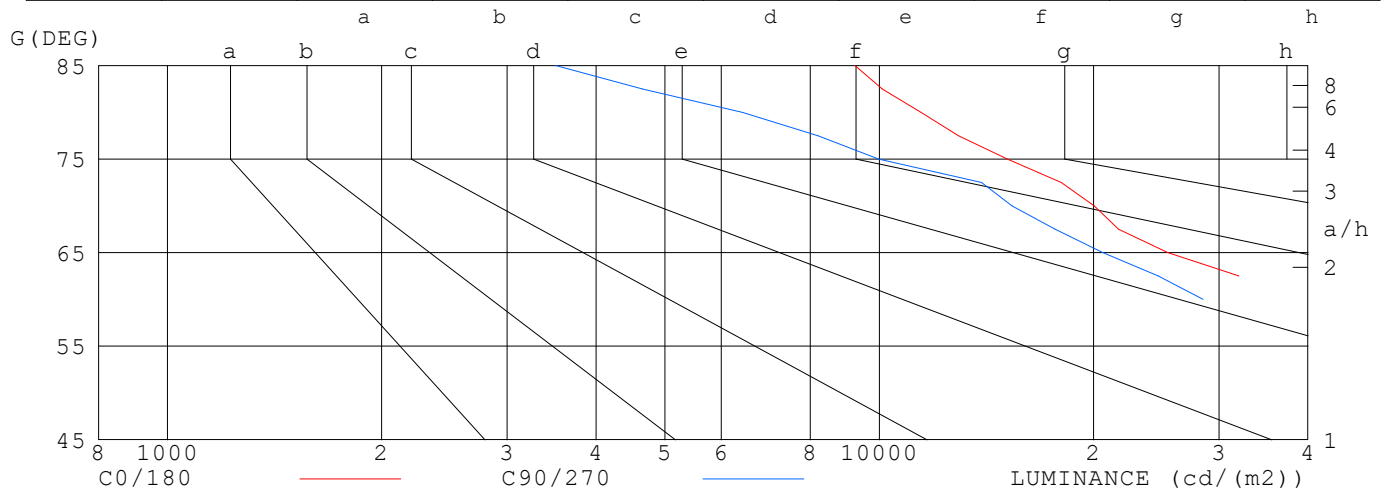
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION: 2835LED、4000K、60DEG	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	9243	3516
80	11444	6422
75	15136	9985
70	20035	15361
65	25439	20610
60	46150	28509
55	117012	78495
50	136380	120554
45	152345	139393

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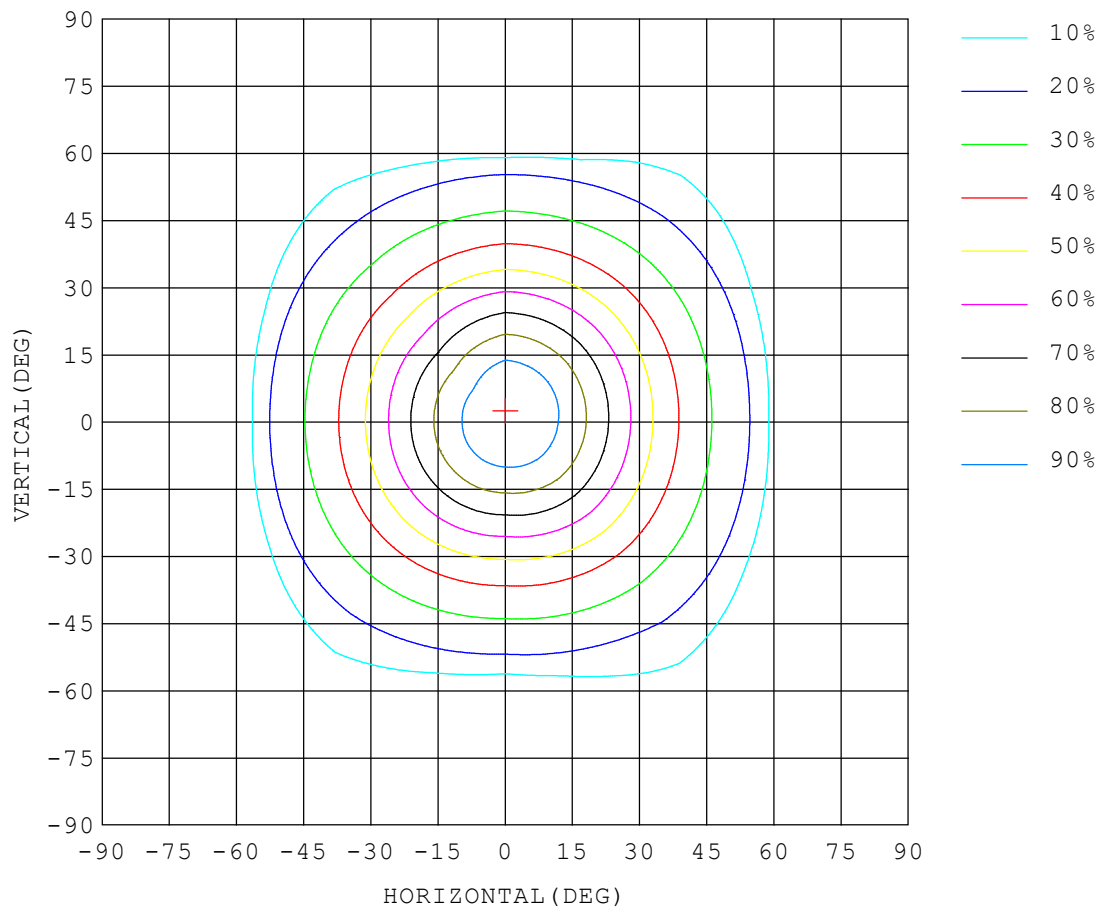
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ISOCANDELA DIAGRAM

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UNIT: cd



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