

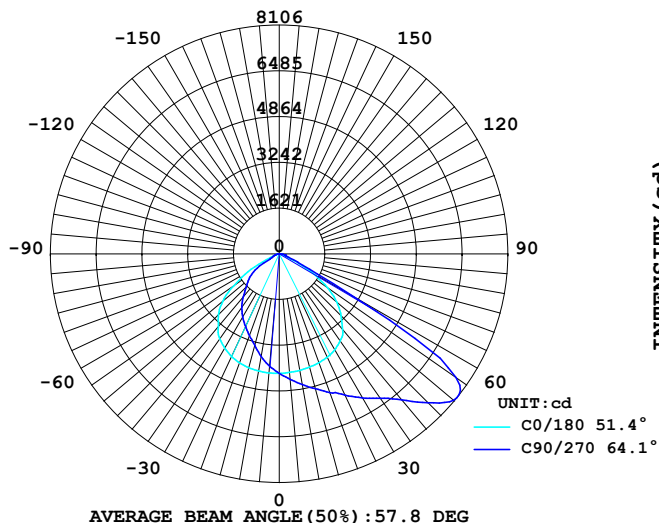
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

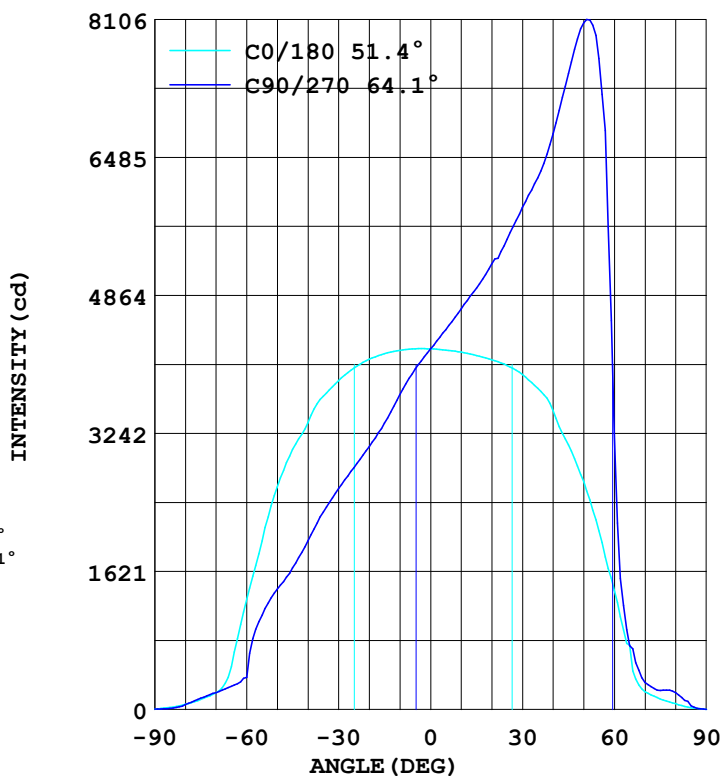
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8339	S/MH (C0/180)	1.35
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	13032	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	144.8	Current(A)	0.396
NOMINAL FLUX(lm)	13032.5	η up (%)	0.0	Power(W)	89.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	13032.5	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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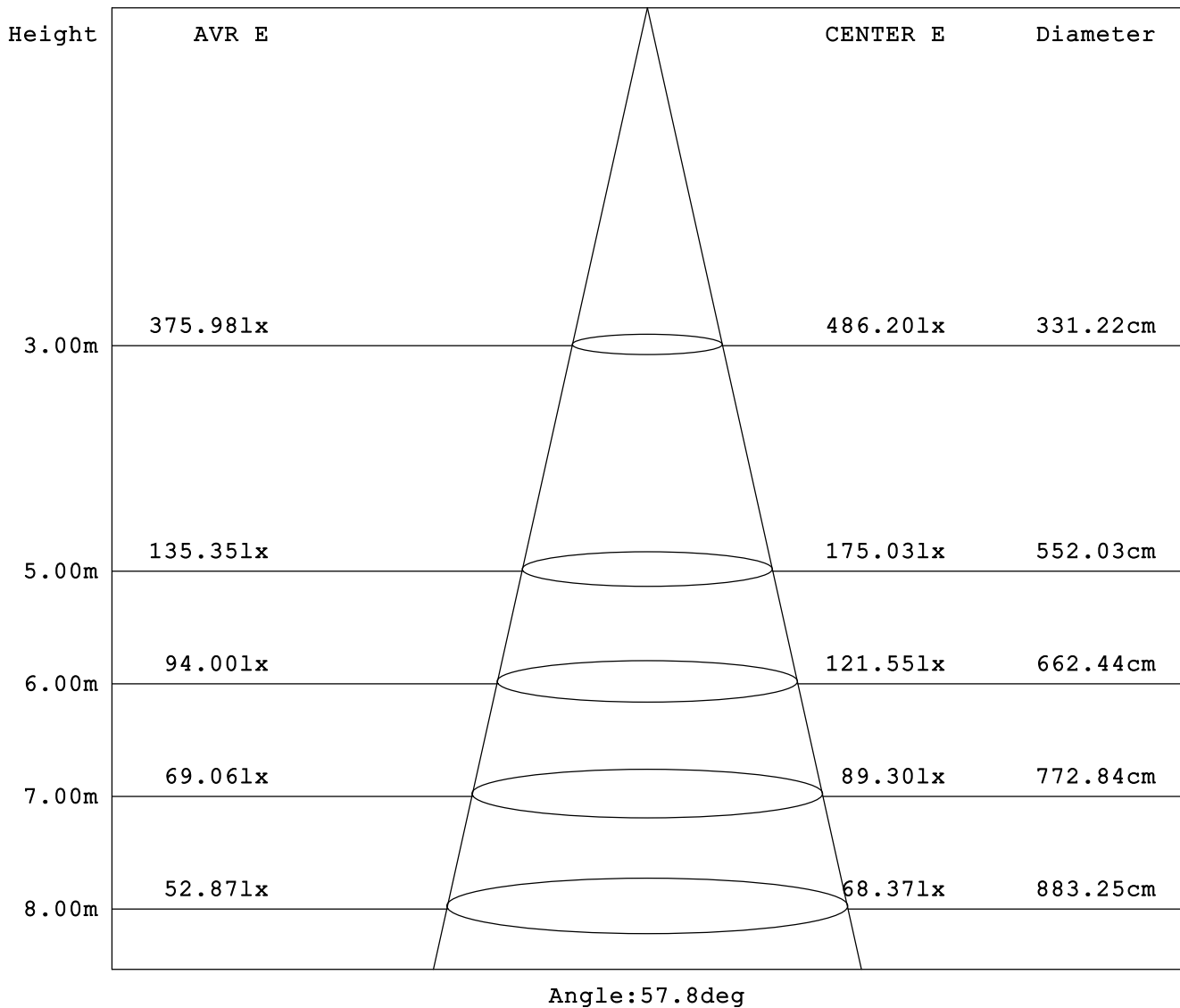
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4236	4068	3998	4059	4222	4388	4462	4397	0- 5	101.1	101.1
10.0	4217	3862	3696	3846	4196	4546	4707	4563	5- 10	301.6	402.8
15.0	4179	3610	3364	3598	4158	4722	4951	4746	10- 15	496.3	899.2
20.0	4114	3329	3088	3322	4107	4907	5231	4936	15- 20	683.3	1583
25.0	4009	3056	2839	3053	4041	5120	5523	5145	20- 25	863.4	2446
30.0	3864	2796	2595	2797	3933	5348	5896	5382	25- 30	1035	3481
35.0	3677	2498	2317	2508	3774	5570	6242	5621	30- 35	1194	4676
40.0	3367	2145	1979	2145	3509	5756	6763	5845	35- 40	1329	6004
45.0	3055	1758	1662	1744	3106	5839	7468	5962	40- 45	1432	7436
50.0	2612	1300	1413	1262	2673	5659	8068	5852	45- 50	1506	8943
55.0	1978	834.2	1108	806.1	2100	4945	7646	5161	50- 55	1508	10451
60.0	1296	459.9	376.5	428.6	1399	4105	3244	4355	55- 60	1295	11745
65.0	503.6	262.0	271.4	250.3	757.8	2757	750.3	3085	60- 65	778.4	12524
70.0	196.1	179.3	199.1	172.0	208.9	609.2	318.1	675.1	65- 70	317.5	12841
75.0	118.6	101.7	133.4	95.33	123.2	171.5	225.5	171.3	70- 75	102.5	12944
80.0	60.46	44.73	57.04	42.02	69.39	87.80	198.8	86.24	75- 80	56.16	13000
85.0	22.81	14.79	13.54	13.41	22.22	33.62	43.90	33.77	80- 85	25.63	13026
90.0	4.168	4.293	5.748	4.430	3.154	5.018	2.727	6.543	85- 90	6.928	13032
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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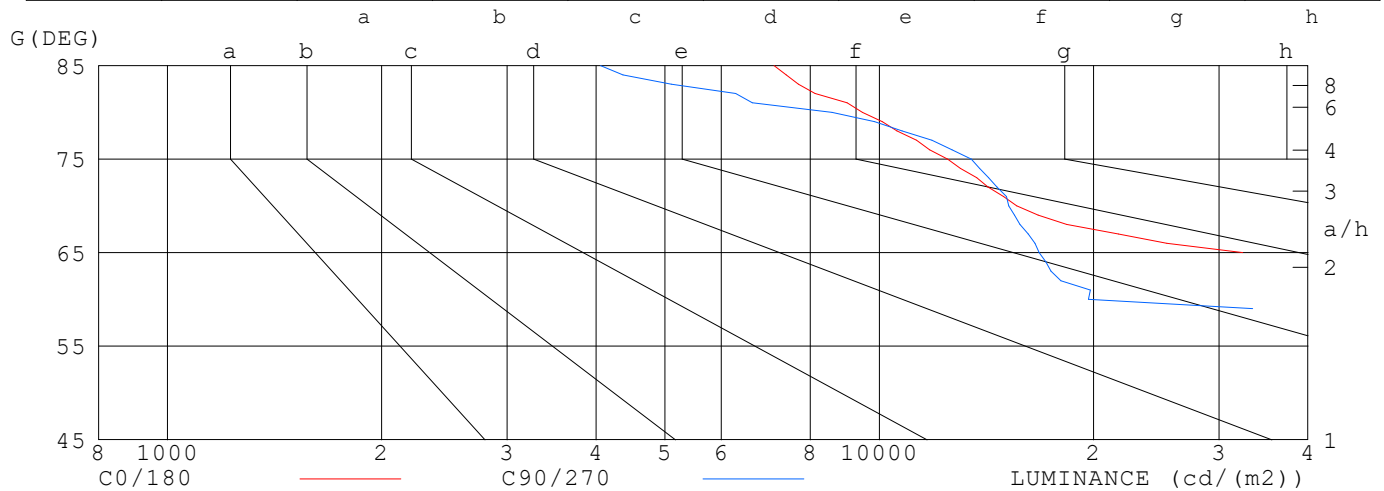
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION: 2835LED、4000K、P60deg	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	7117	4060
80	9469	8578
75	12469	13463
70	15595	15201
65	32405	16771
60	70489	19665
55	93779	50447
50	110476	57395
45	117497	61379

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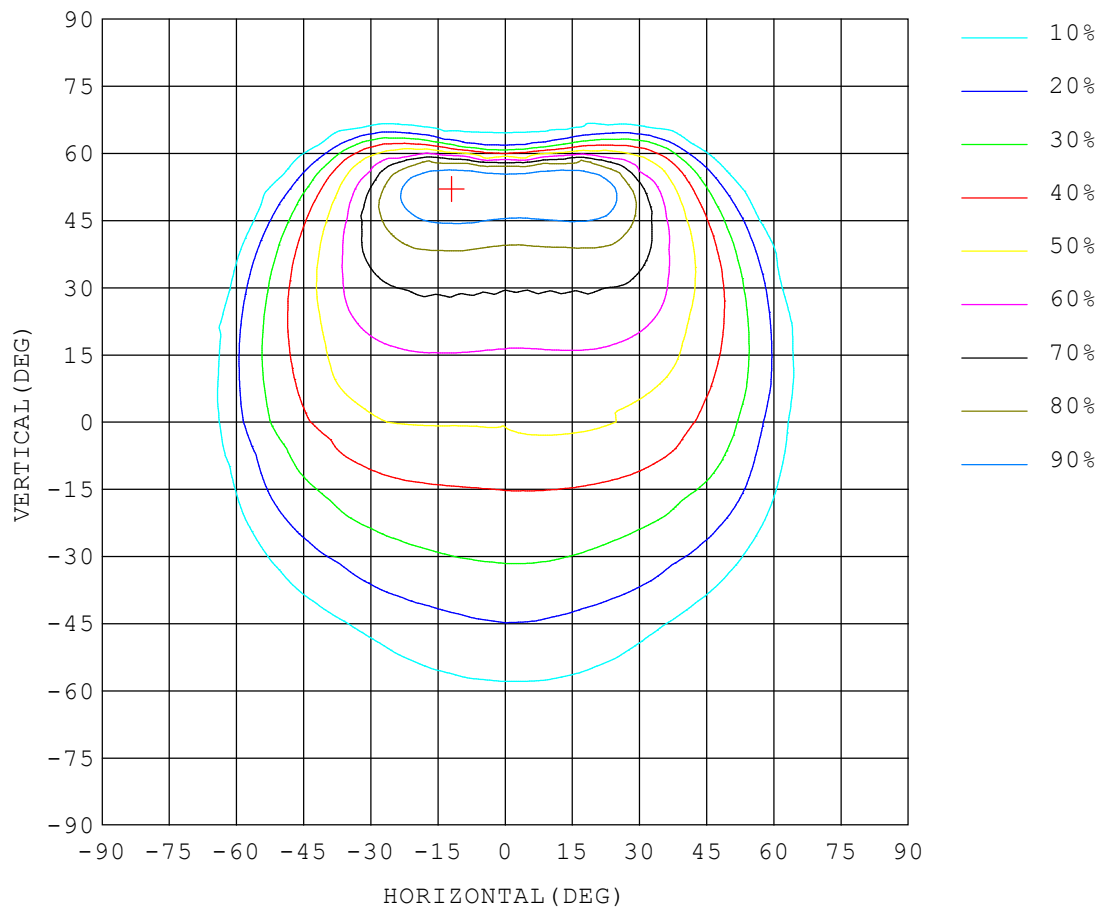
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ISOCANDELA DIAGRAM

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UNIT: cd



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