

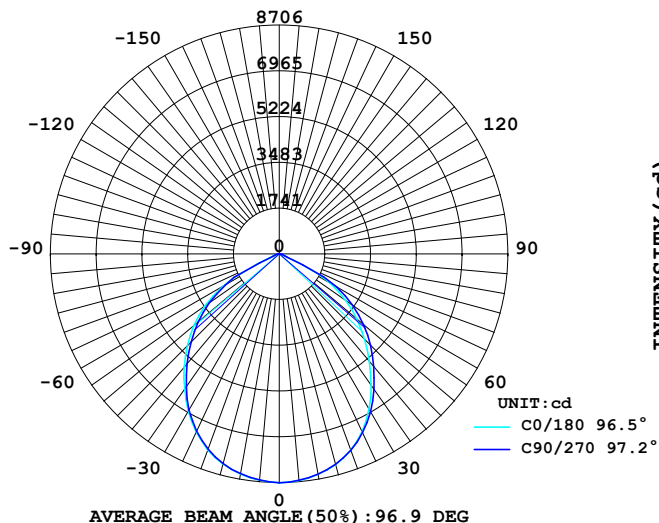
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

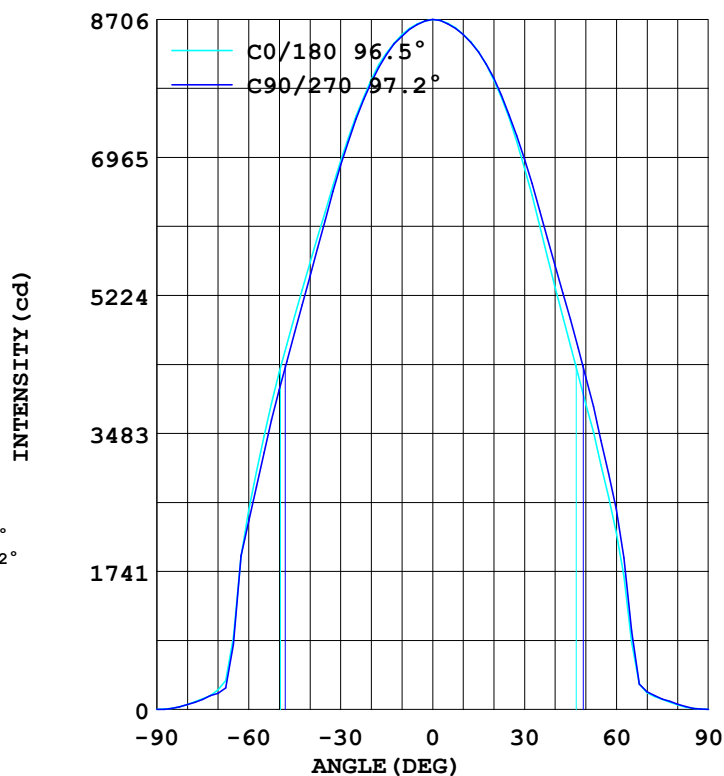
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8706	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18618	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.2	Current(A)	0.535
NOMINAL FLUX(lm)	18618.3	η up (%)	0.0	Power(W)	119.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	18618.3	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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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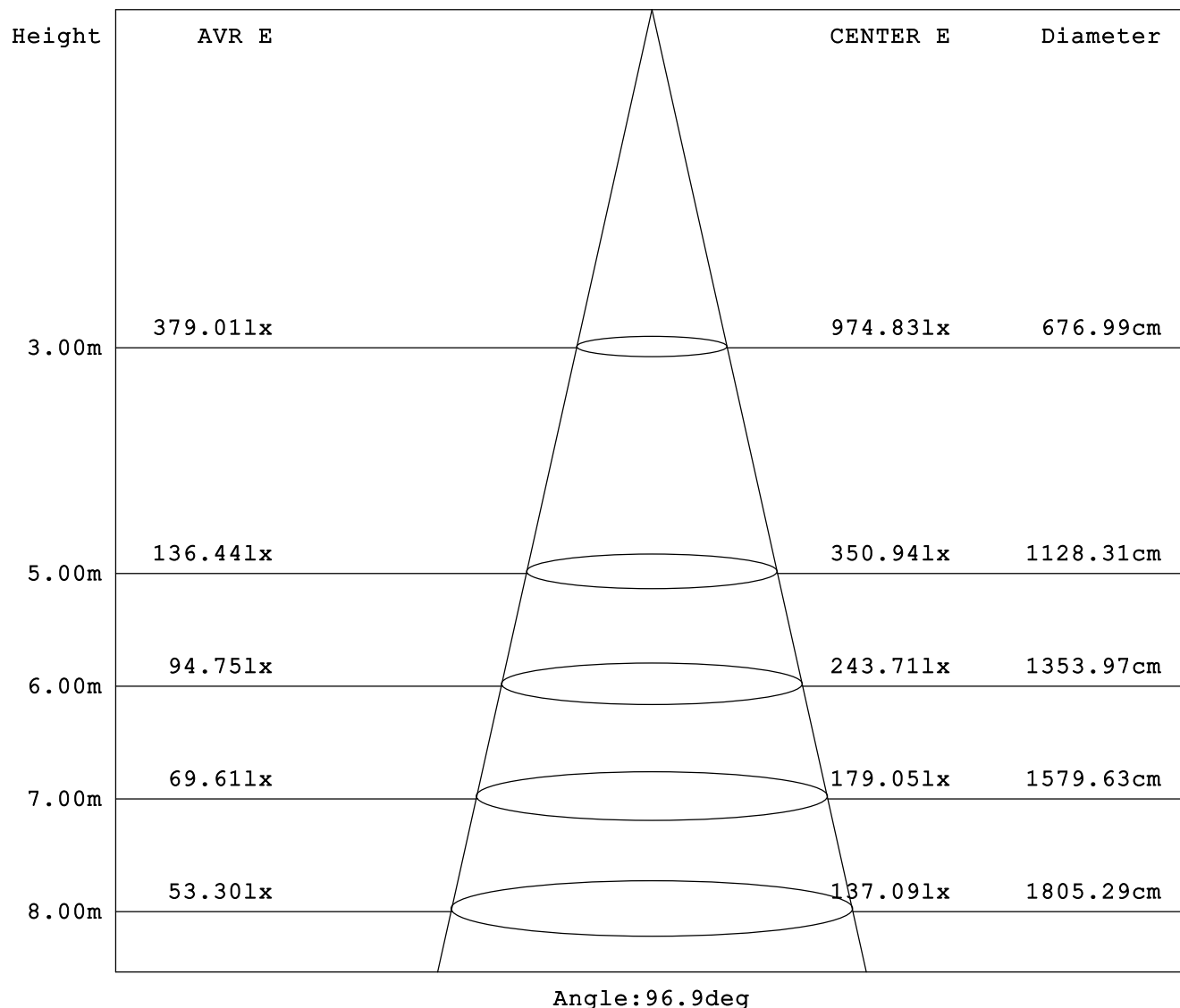
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	8648	8633	8638	8650	8656	8647	8649	8644	0- 5	207.4	207.4
10.0	8511	8486	8491	8501	8515	8499	8515	8513	5- 10	613.4	820.8
15.0	8282	8245	8259	8270	8298	8271	8291	8287	10- 15	995.4	1816
20.0	7948	7920	7914	7927	7947	7927	7969	7964	15- 20	1337	3153
25.0	7484	7476	7448	7477	7469	7477	7502	7542	20- 25	1618	4771
30.0	6921	6915	6868	6864	6833	6899	6949	6988	25- 30	1821	6592
35.0	6278	6251	6171	6123	6099	6215	6288	6355	30- 35	1933	8525
40.0	5631	5547	5459	5344	5325	5465	5600	5669	35- 40	1955	10480
45.0	4958	4845	4749	4603	4591	4727	4920	4978	40- 45	1906	12385
50.0	4253	4130	4034	3886	3851	3985	4190	4244	45- 50	1791	14176
55.0	3451	3360	3242	3126	3088	3222	3395	3468	50- 55	1604	15780
60.0	2516	2508	2376	2298	2237	2398	2528	2629	55- 60	1326	17105
65.0	904.7	1593	823.3	1501	849.3	1574	990.2	1832	60- 65	921.9	18027
70.0	246.4	580.7	203.8	554.8	212.0	596.9	223.2	623.2	65- 70	386.7	18414
75.0	137.0	152.1	127.3	122.8	125.7	134.6	130.9	154.0	70- 75	128.8	18543
80.0	64.10	65.71	61.37	59.43	58.16	56.21	66.11	63.71	75- 80	51.85	18595
85.0	13.66	19.78	12.30	16.24	12.64	13.58	16.09	17.43	80- 85	19.97	18615
90.0	2.576	3.454	1.104	3.249	2.810	1.177	2.997	1.347	85- 90	3.783	18618
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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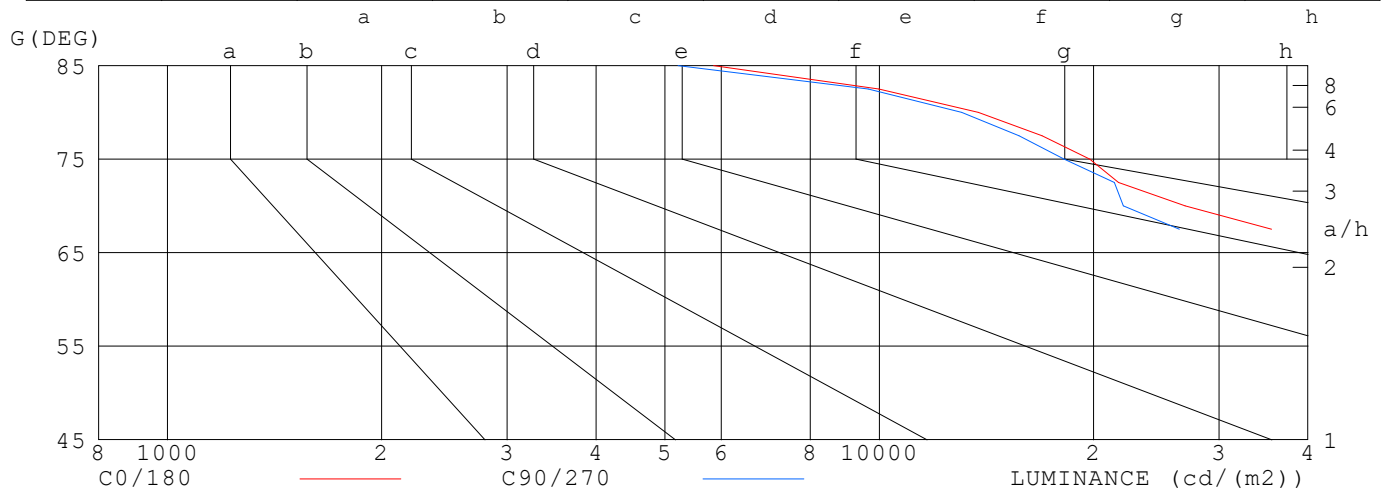
LUMINANCE LIMITATION CURVES

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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	5851	5216
80	13778	13056
75	19760	18173
70	26899	22017
65	79897	71961
60	187810	175501
55	224554	208764
50	246922	231812
45	261714	248101

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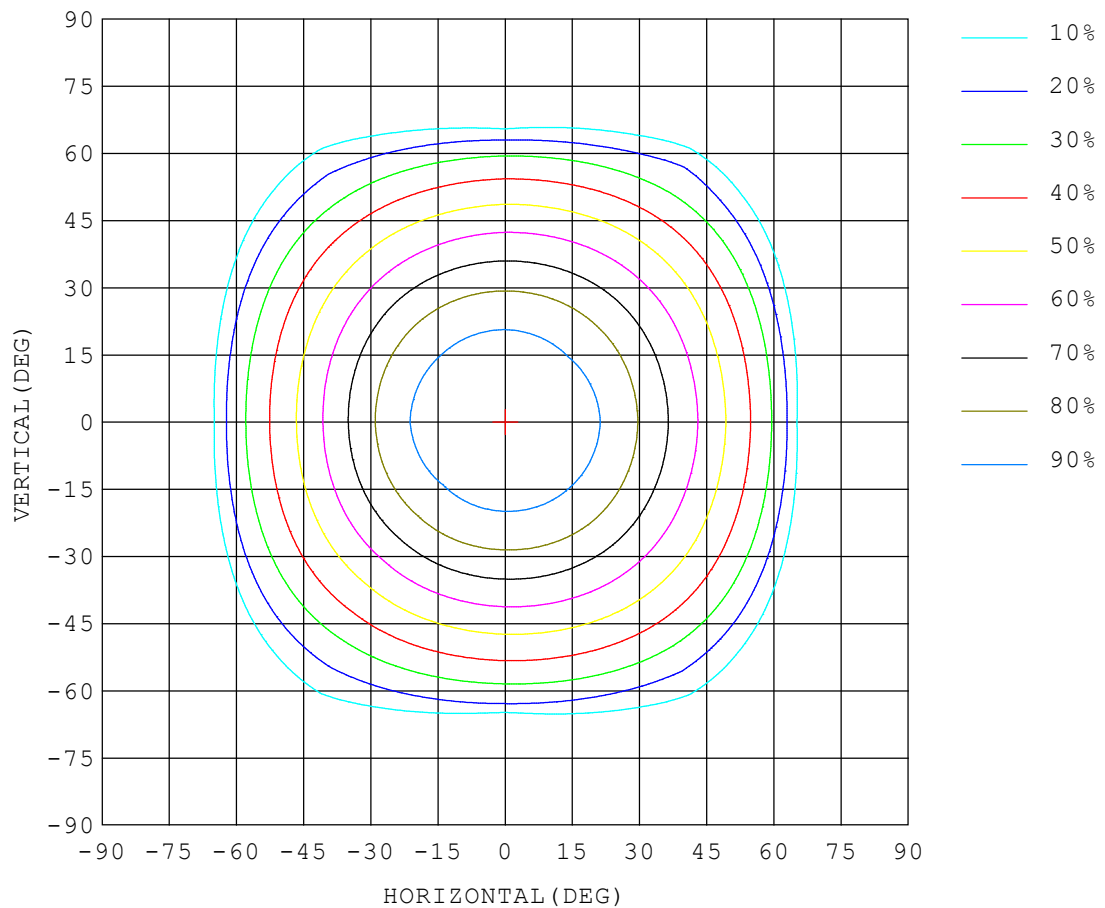
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ISOCANDELA DIAGRAM

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UNIT: cd



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