

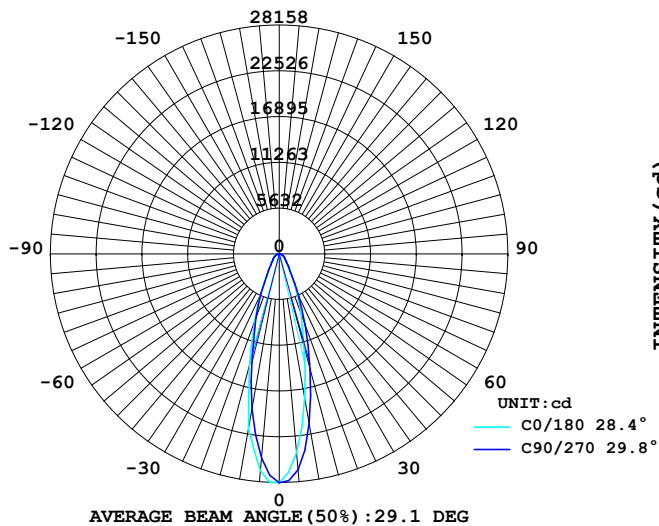
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

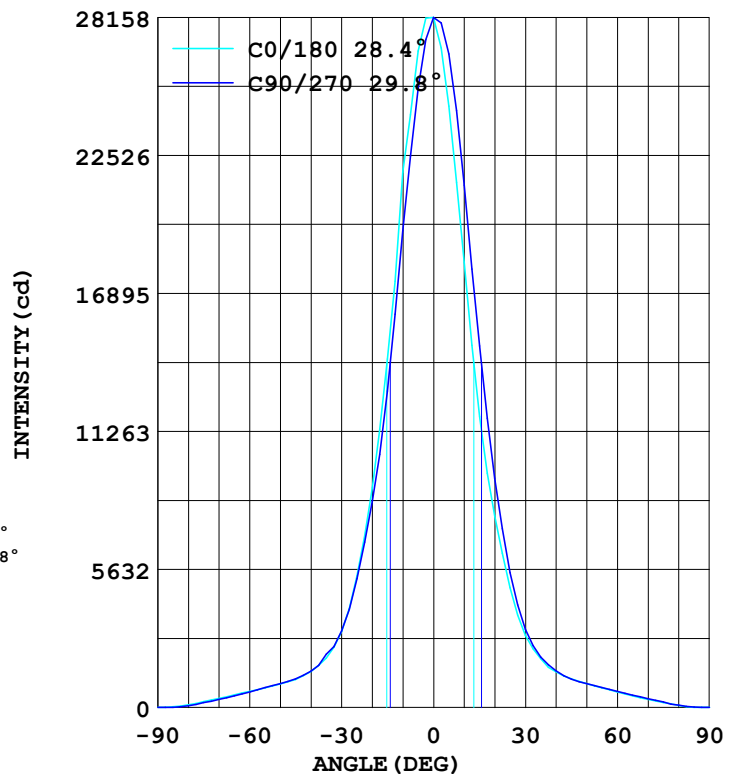
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	28231	S/MH (C0/180)	0.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.47
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	12447	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.6	Current(A)	0.359
NOMINAL FLUX(lm)	12447.5	η up (%)	0.0	Power(W)	80.50
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	12447.5	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.18

Test Set: 6.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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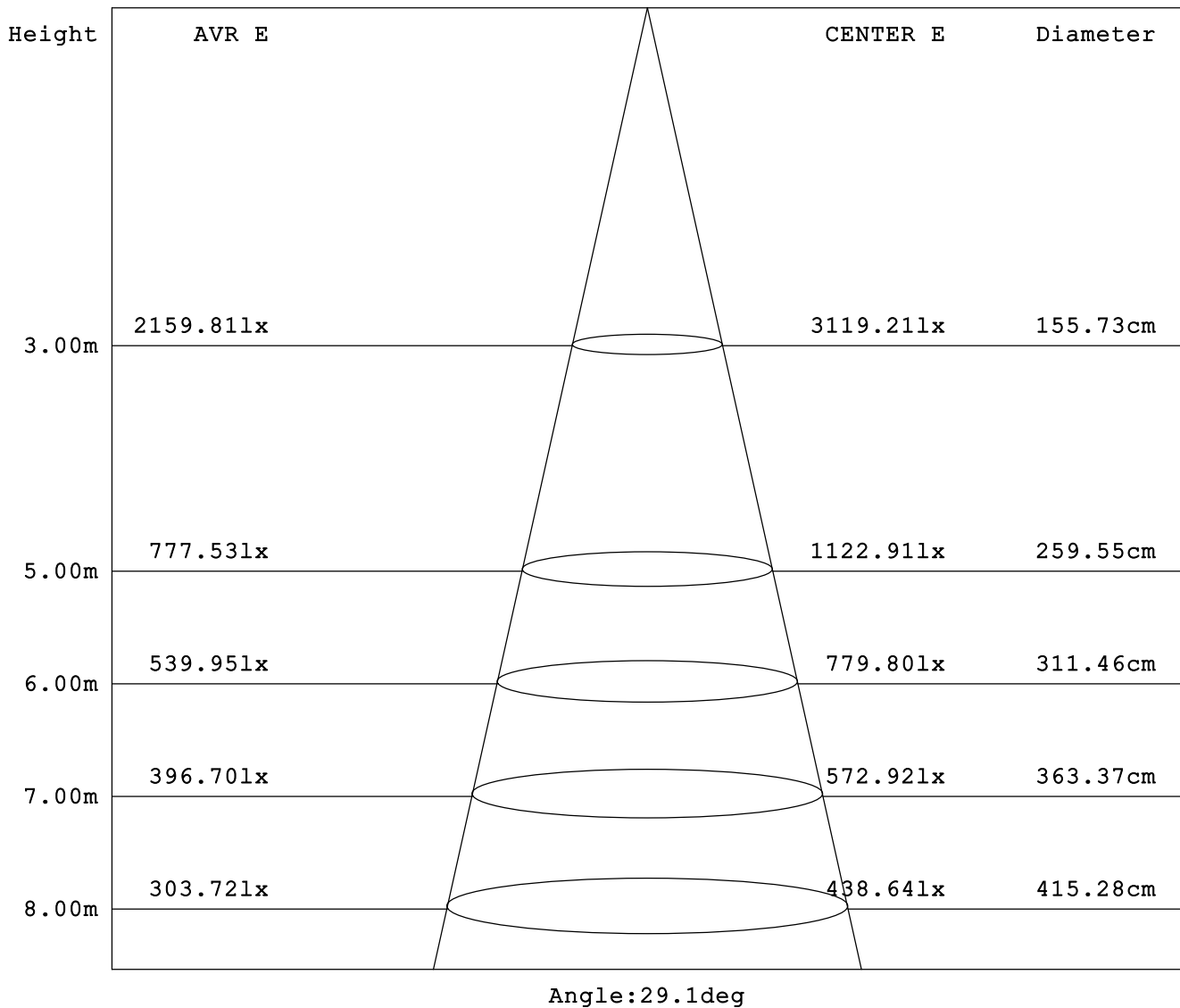
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2678	2612	2525	2465	2454	2540	2666	2704	0- 5	644.9	644.9
10.0	2184	2013	1946	1854	1814	1963	2130	2154	5- 10	1631	2276
15.0	1422	1361	1291	1219	1186	1316	1476	1491	10- 15	1948	4224
20.0	897.4	869.3	843.1	804.9	783.2	864.6	935.8	946.8	15- 20	1787	6011
25.0	538.0	569.1	525.2	538.2	489.1	557.8	550.8	600.4	20- 25	1468	7479
30.0	309.5	353.9	313.1	343.3	294.4	336.1	319.7	358.3	25- 30	1102	8581
35.0	201.2	224.6	217.8	223.8	198.6	220.9	206.2	223.3	30- 35	794.0	9375
40.0	147.5	160.3	148.2	159.7	145.4	155.1	149.2	158.4	35- 40	609.7	9984
45.0	114.8	125.6	117.3	126.1	116.4	123.4	115.6	124.1	40- 45	508.0	10492
50.0	95.60	104.0	97.76	102.3	96.85	101.6	97.16	103.4	45- 50	448.1	10941
55.0	80.26	85.93	81.17	82.92	80.34	83.66	81.47	86.41	50- 55	400.0	11341
60.0	66.24	69.20	63.80	64.53	63.93	66.08	65.80	70.41	55- 60	346.2	11687
65.0	51.59	52.22	47.91	47.40	47.89	49.66	50.61	54.35	60- 65	284.2	11971
70.0	37.13	36.25	32.98	31.59	33.25	33.99	36.27	38.74	65- 70	215.5	12187
75.0	23.55	22.90	19.67	18.25	20.55	20.72	22.68	24.38	70- 75	147.1	12334
80.0	10.97	9.755	7.122	6.925	8.709	8.901	9.790	12.17	75- 80	80.71	12415
85.0	2.756	2.212	0.761	0.937	0.925	1.621	1.916	3.441	80- 85	28.26	12443
90.0	0.191	0.230	0.216	0.227	0.305	0.230	0.310	0.327	85- 90	4.580	12447
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:×10cd									UNIT:lm	

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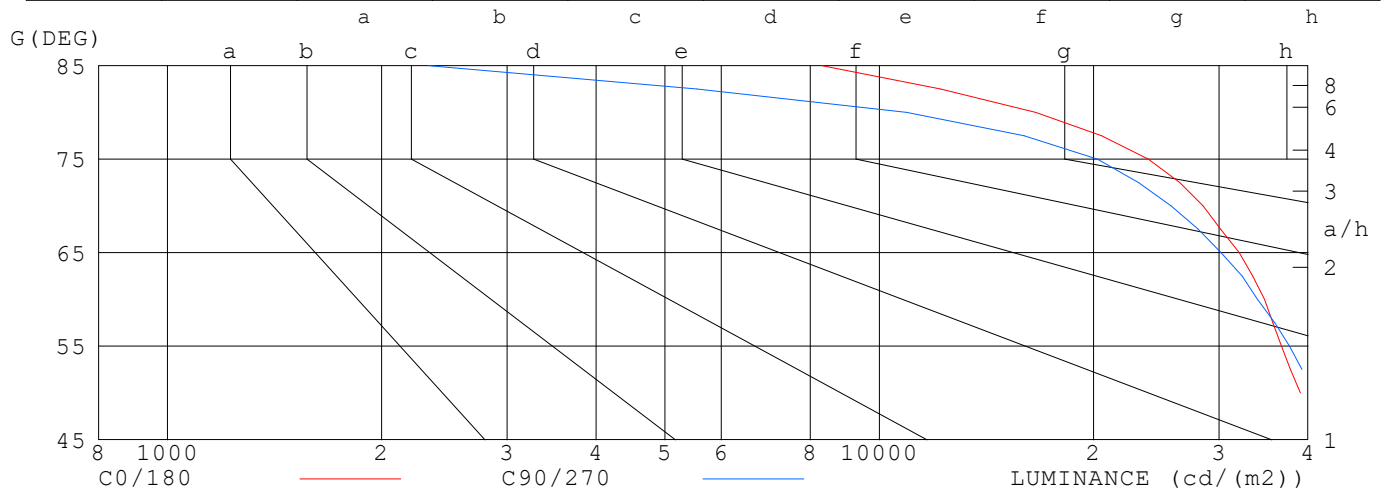
LUMINANCE LIMITATION CURVES

Report number:

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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	8299	2326
80	16589	10925
75	23874	20248
70	28487	25684
65	32031	30196
60	34762	33987
55	36713	37695
50	39021	40512
45	42631	44206

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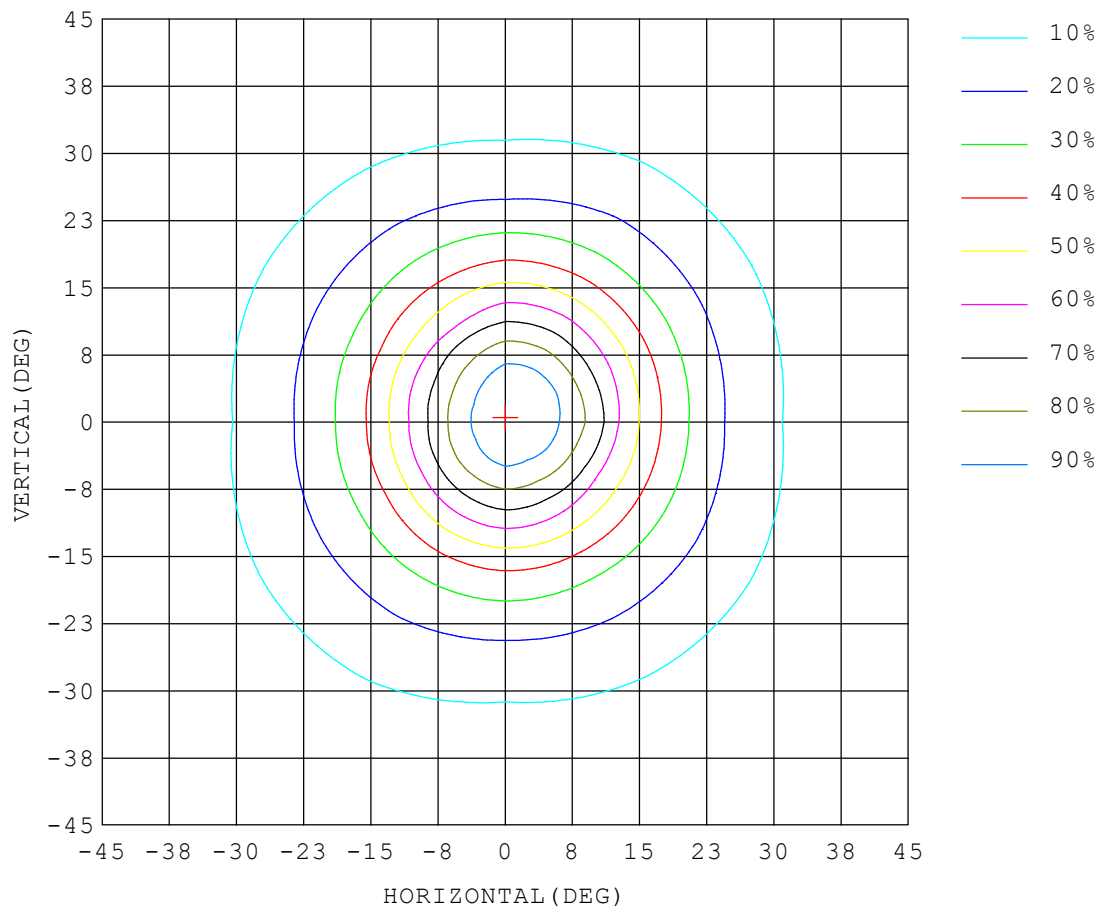
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ISOCANDELA DIAGRAM

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UNIT: cd



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