

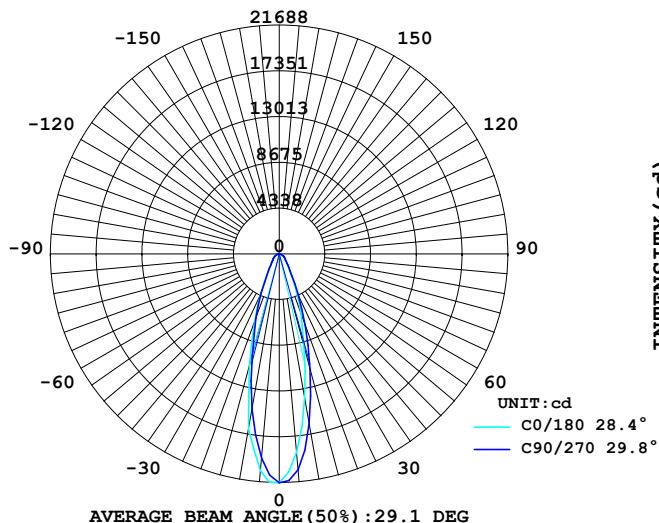
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

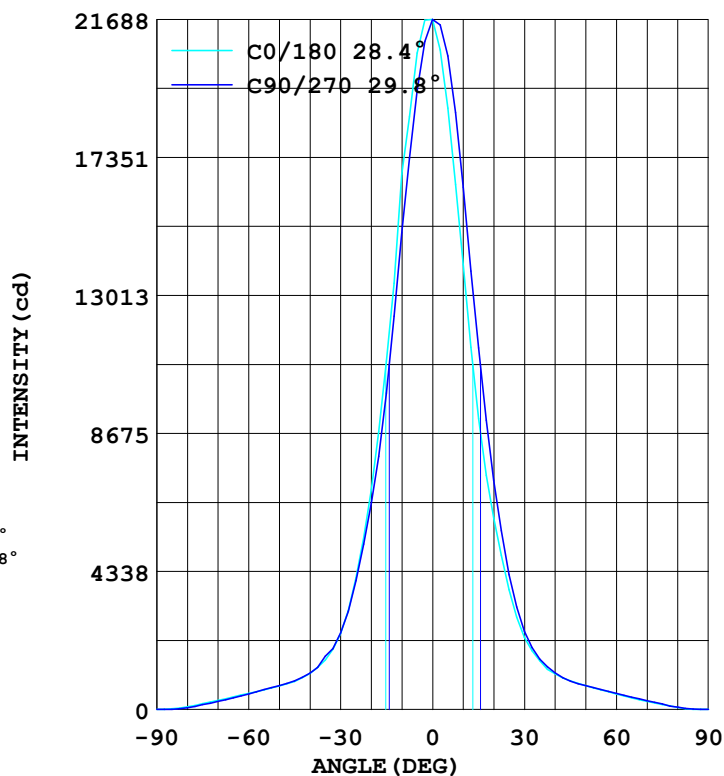
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	21744	S/MH (C0/180)	0.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.47
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9587.4	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.268
NOMINAL FLUX(lm)	9587.5	η up (%)	0.0	Power(W)	60.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	9587.5	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

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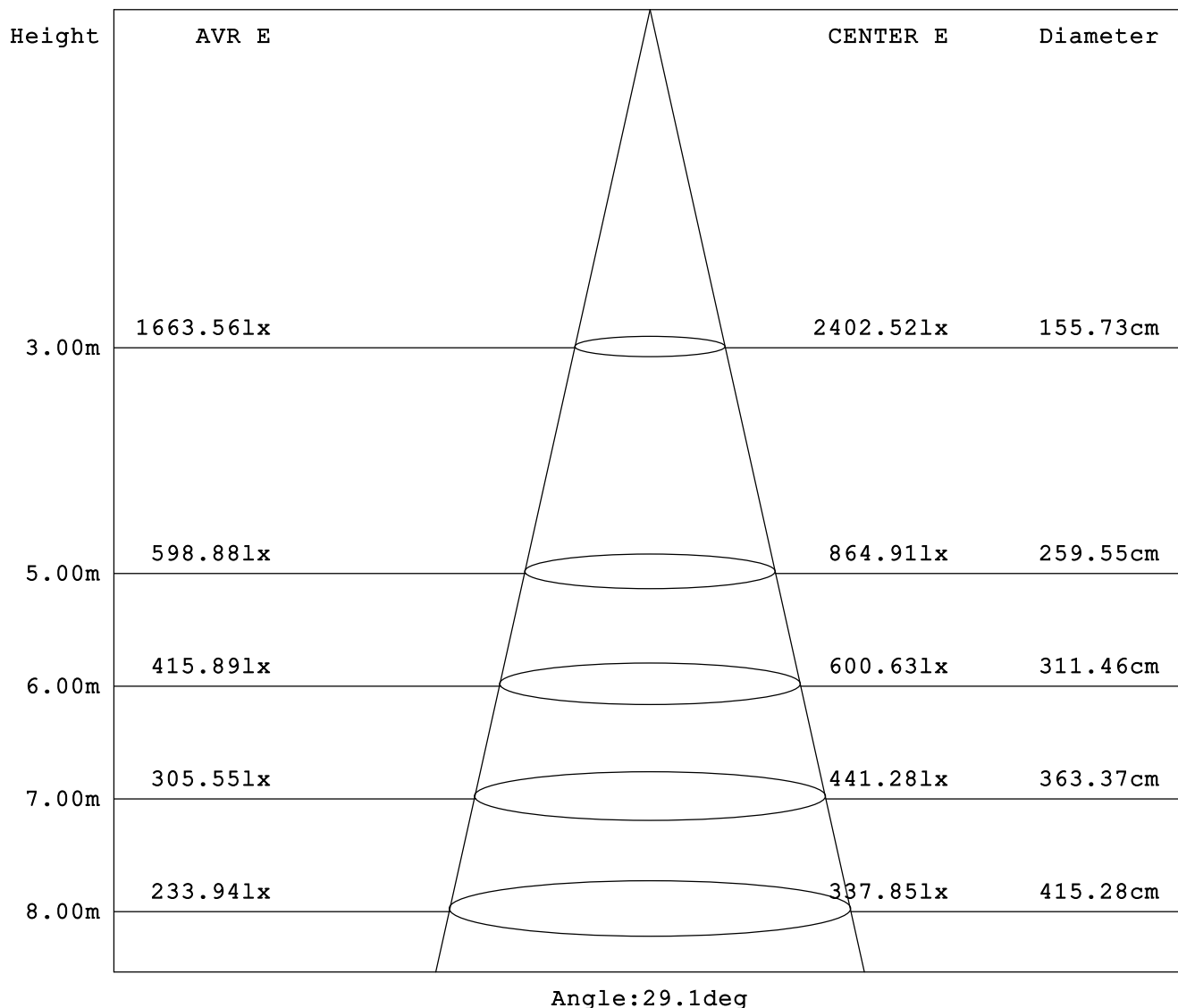
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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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	2063	2012	1945	1899	1890	1957	2054	2083	0- 5	496.7	496.7
10.0	1682	1551	1499	1428	1397	1512	1641	1659	5- 10	1256	1753
15.0	1095	1048	994.7	938.8	913.6	1013	1137	1148	10- 15	1501	3253
20.0	691.2	669.6	649.4	619.9	603.2	666.0	720.8	729.3	15- 20	1376	4630
25.0	414.4	438.4	404.6	414.6	376.7	429.6	424.2	462.4	20- 25	1131	5760
30.0	238.4	272.5	241.2	264.4	226.8	258.9	246.2	276.0	25- 30	848.5	6609
35.0	154.9	173.0	167.8	172.3	152.9	170.1	158.8	171.9	30- 35	611.6	7221
40.0	113.6	123.5	114.1	123.0	111.9	119.4	114.9	122.0	35- 40	469.6	7690
45.0	88.49	96.77	90.39	97.20	89.70	95.04	89.05	95.63	40- 45	391.3	8082
50.0	73.63	80.13	75.30	78.81	74.59	78.25	74.84	79.69	45- 50	345.2	8427
55.0	61.82	66.18	62.52	63.87	61.88	64.43	62.75	66.55	50- 55	308.1	8735
60.0	51.02	53.30	49.14	49.70	49.24	50.89	50.68	54.23	55- 60	266.6	9002
65.0	39.74	40.22	36.90	36.50	36.89	38.25	38.98	41.86	60- 65	218.9	9221
70.0	28.60	27.92	25.40	24.33	25.61	26.18	27.94	29.84	65- 70	166.0	9387
75.0	18.14	17.64	15.15	14.06	15.83	15.96	17.47	18.78	70- 75	113.3	9500
80.0	8.456	7.513	5.485	5.334	6.708	6.856	7.541	9.378	75- 80	62.16	9562
85.0	2.123	1.703	0.586	0.722	0.713	1.249	1.476	2.650	80- 85	21.77	9584
90.0	0.147	0.177	0.166	0.175	0.235	0.177	0.239	0.252	85- 90	3.528	9587
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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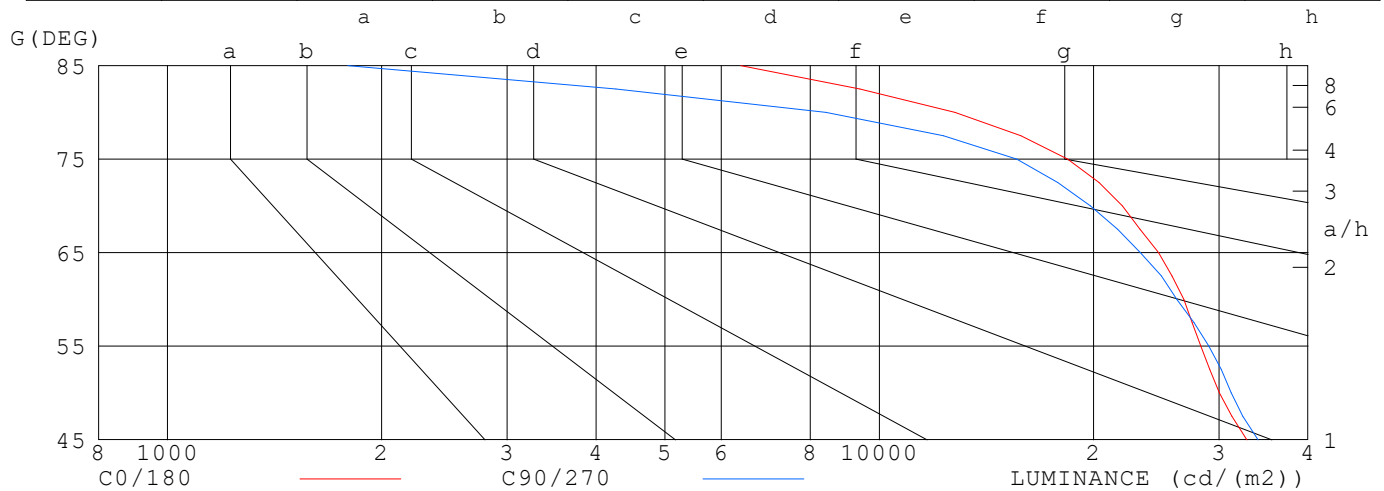
LUMINANCE LIMITATION CURVES

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	6392	1792
80	12777	8415
75	18389	15596
70	21941	19783
65	24672	23258
60	26775	26178
55	28278	29034
50	30055	31204
45	32836	34049

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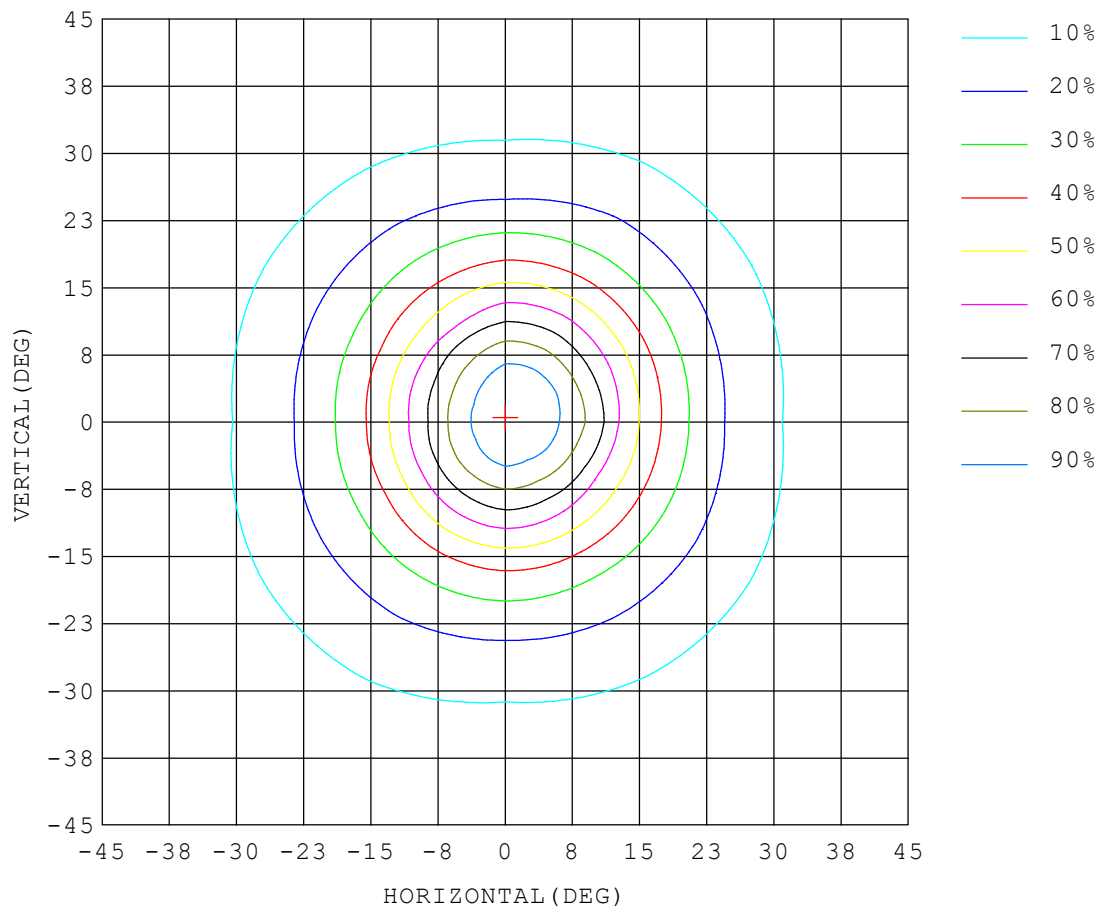
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ISOCANDELA DIAGRAM

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UNIT: cd



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