

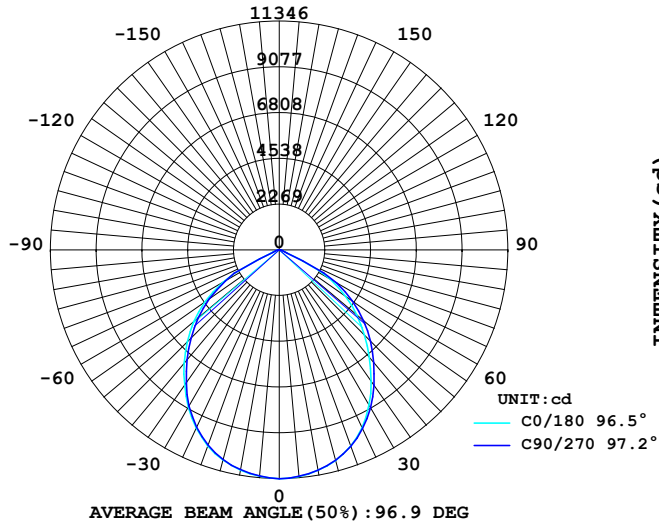
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

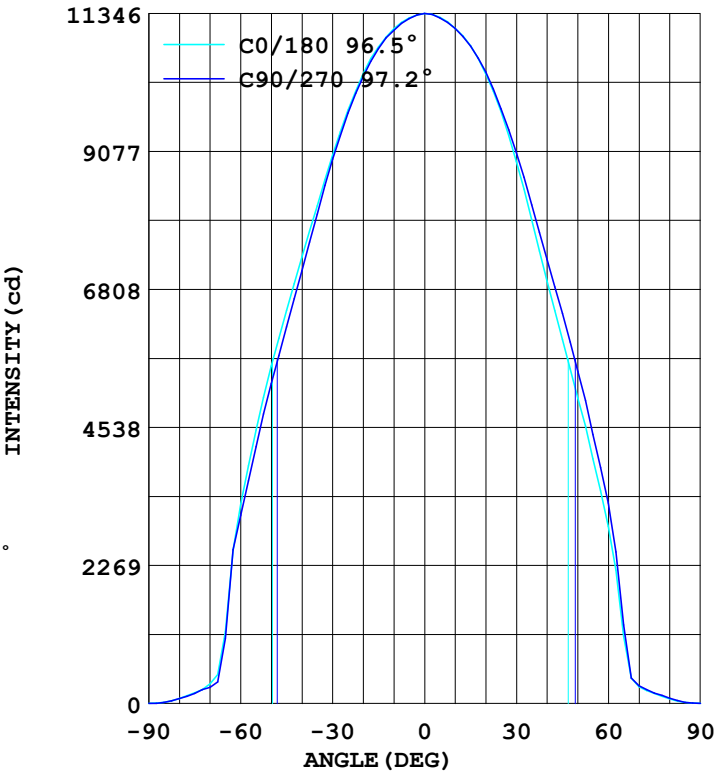
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	11346	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER (W)	150	TOTAL FLUX (lm)	24263	Voltage (V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	160.1	Current (A)	0.675
NOMINAL FLUX (lm)	24262.6	η up (%)	0.0	Power (W)	151.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux (lm)	24262.6	EEI	0.094

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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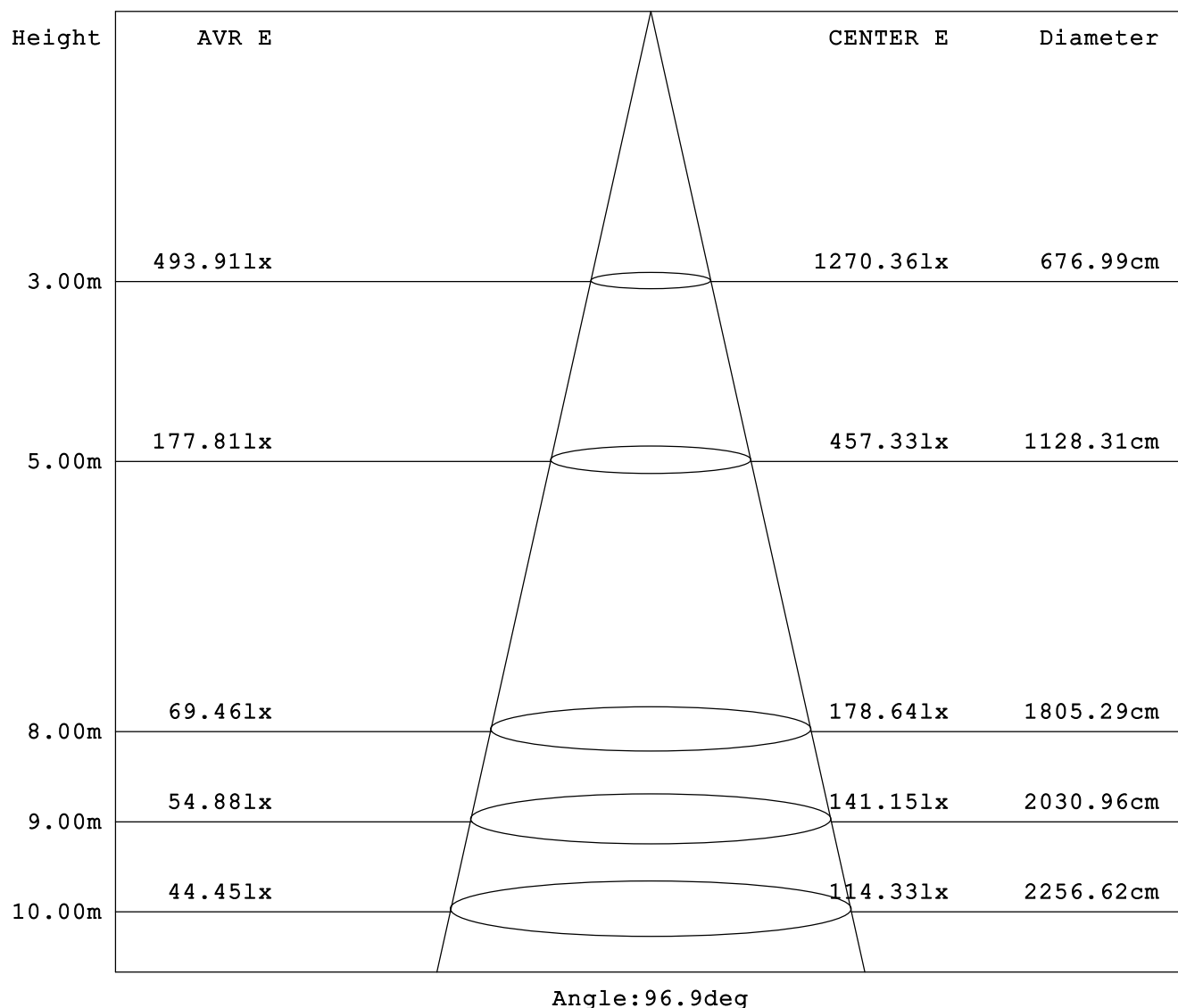
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1127	1125	1126	1127	1128	1127	1127	1126	0- 5	270.2	270.2
10.0	1109	1106	1106	1108	1110	1108	1110	1109	5- 10	799.4	1070
15.0	1079	1074	1076	1078	1081	1078	1080	1080	10- 15	1297	2367
20.0	1036	1032	1031	1033	1036	1033	1038	1038	15- 20	1742	4109
25.0	975.3	974.2	970.5	974.3	973.3	974.4	977.6	982.8	20- 25	2108	6217
30.0	901.9	901.1	895.0	894.5	890.4	899.0	905.5	910.6	25- 30	2373	8590
35.0	818.1	814.6	804.2	797.9	794.8	809.9	819.4	828.1	30- 35	2519	11109
40.0	733.7	722.9	711.3	696.4	693.9	712.1	729.8	738.7	35- 40	2548	13657
45.0	646.1	631.3	618.9	599.8	598.2	615.9	641.1	648.7	40- 45	2483	16140
50.0	554.1	538.2	525.6	506.4	501.9	519.2	546.0	553.0	45- 50	2334	18474
55.0	449.7	437.9	422.4	407.3	402.4	419.8	442.4	451.9	50- 55	2090	20563
60.0	327.8	326.8	309.5	299.5	291.4	312.5	329.4	342.5	55- 60	1727	22291
65.0	117.8	207.5	107.2	195.5	110.6	205.1	129.0	238.7	60- 65	1201	23492
70.0	32.12	75.68	26.56	72.30	27.63	77.78	29.09	81.21	65- 70	503.9	23996
75.0	17.85	19.82	16.59	16.00	16.39	17.54	17.06	20.07	70- 75	167.8	24164
80.0	8.353	8.563	7.998	7.745	7.580	7.325	8.615	8.303	75- 80	67.56	24232
85.0	1.780	2.578	1.603	2.117	1.648	1.770	2.097	2.272	80- 85	26.02	24258
90.0	0.336	0.450	0.144	0.423	0.366	0.153	0.391	0.176	85- 90	4.930	24263
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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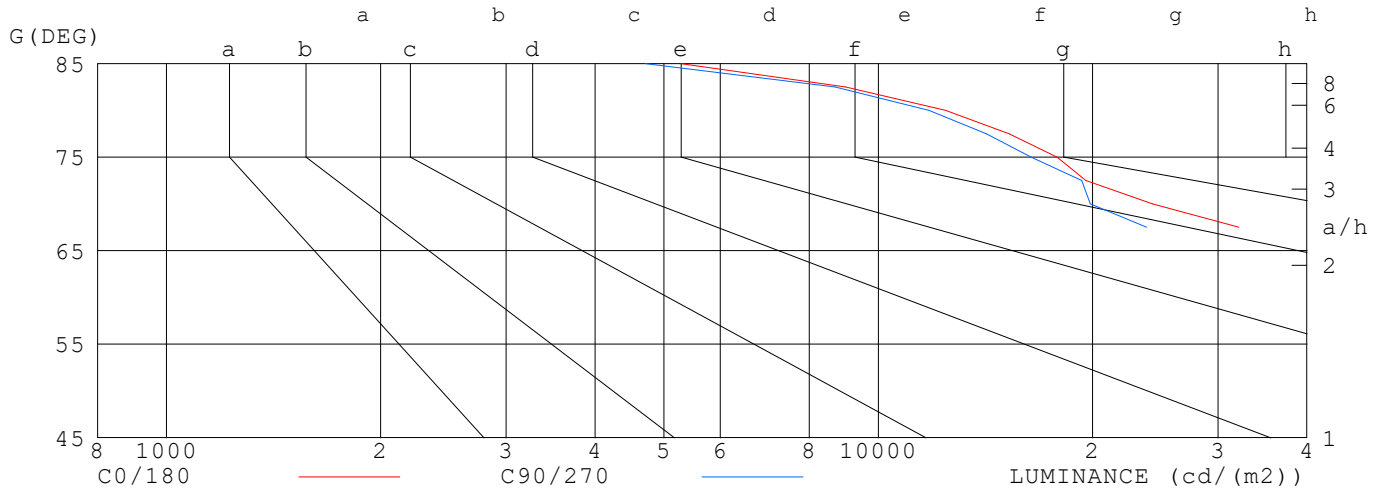
LUMINANCE LIMITATION CURVES

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	5279	4706
80	12430	11779
75	17827	16395
70	24268	19863
65	72082	64922
60	169440	158335
55	202590	188344
50	222770	209137
45	236115	223834

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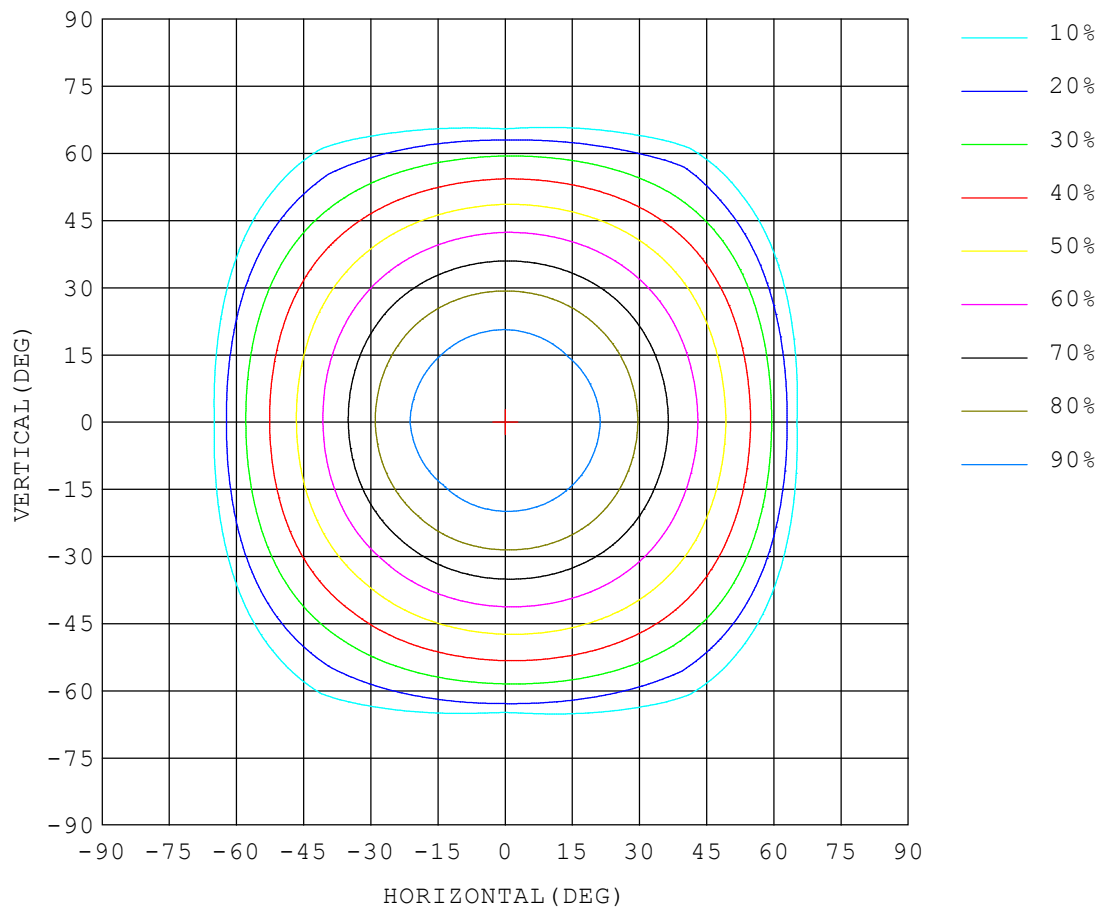
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ISOCANDELA DIAGRAM

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UNIT: cd



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