

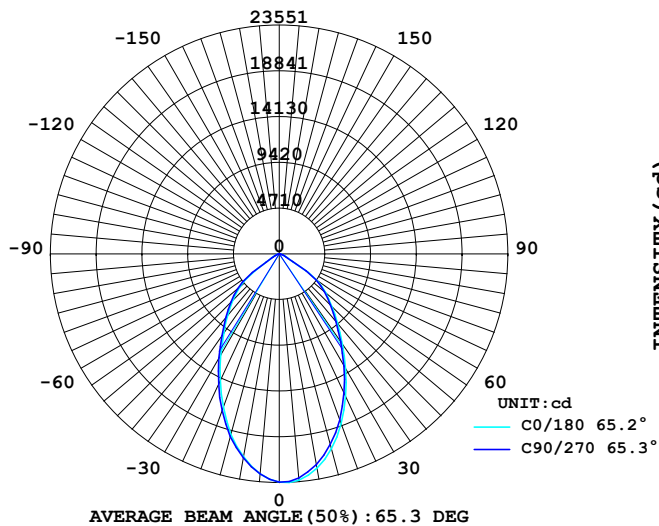
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

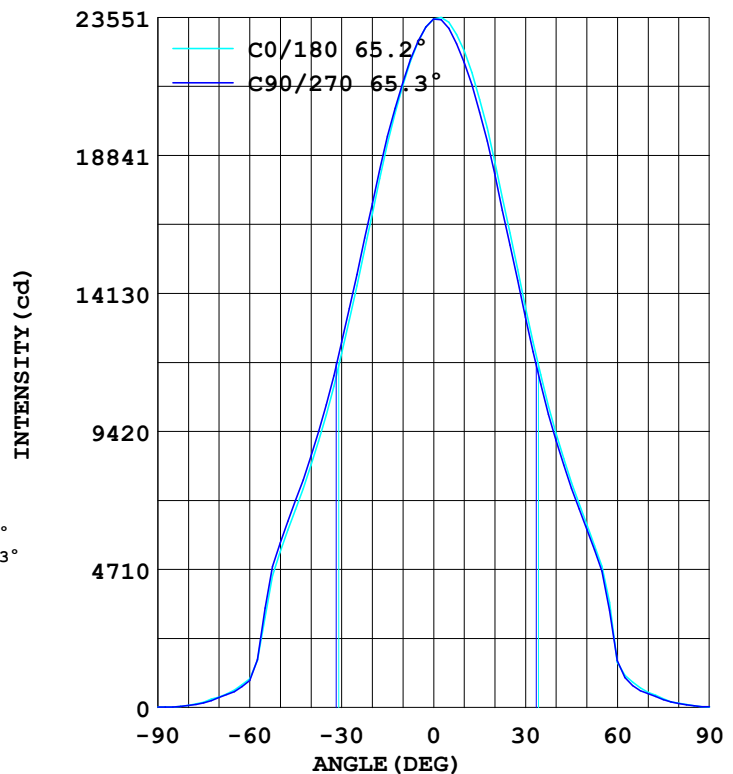
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	23551	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	32206	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	160.2	Current(A)	0.884
NOMINAL FLUX(lm)	32206.2	η up (%)	0.0	Power(W)	201.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	32206.2	EEI	0.094

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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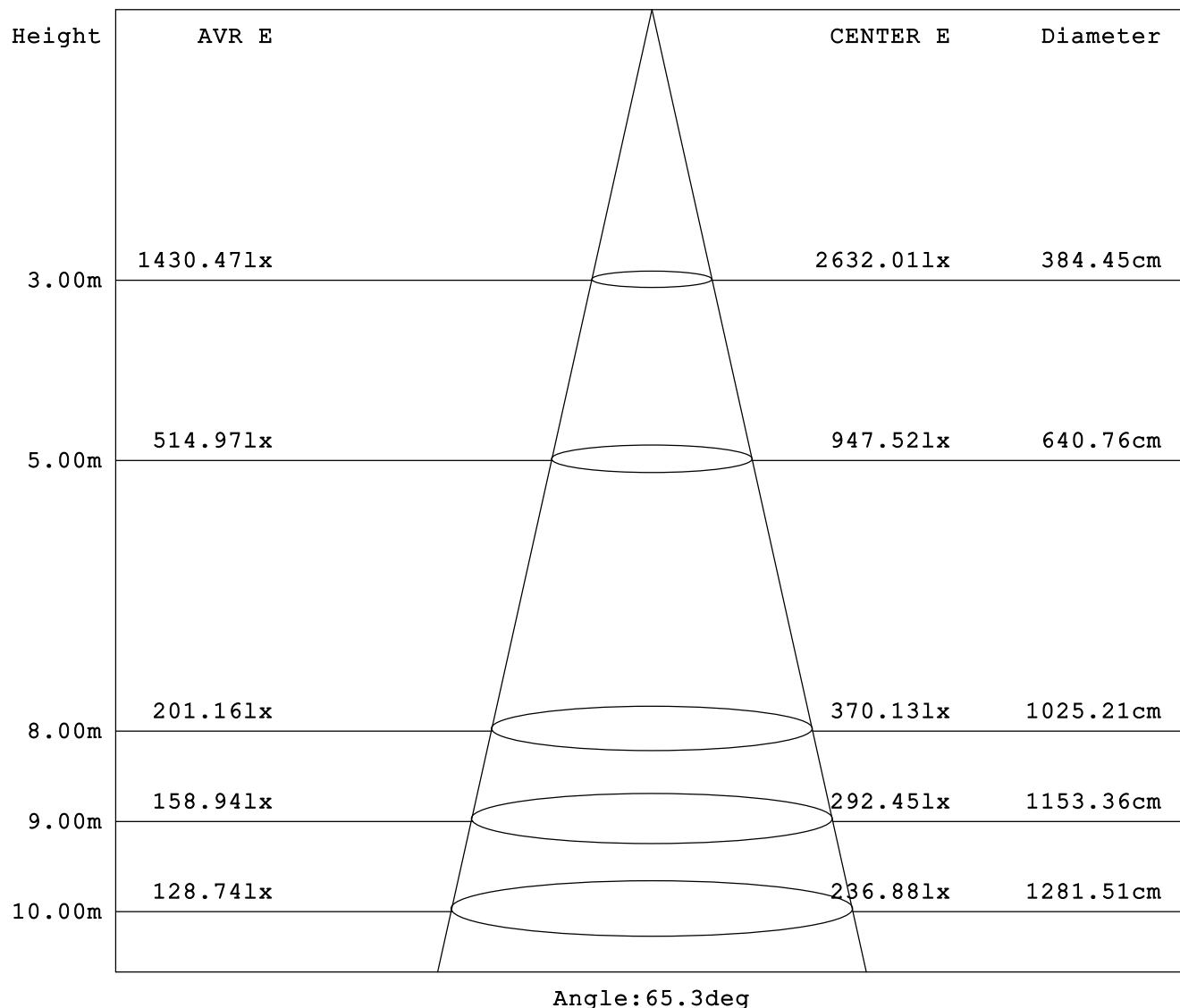
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2272	2274	2274	2287	2338	2331	2317	2313	0- 5	555.8	555.8
10.0	2122	2126	2132	2156	2241	2228	2201	2188	5- 10	1600	2156
15.0	1925	1931	1949	1965	2074	2063	2031	2010	10- 15	2471	4626
20.0	1684	1702	1719	1740	1864	1855	1822	1796	15- 20	3101	7728
25.0	1439	1465	1477	1507	1620	1611	1578	1554	20- 25	3458	11186
30.0	1208	1228	1247	1265	1366	1360	1332	1311	25- 30	3564	14750
35.0	997.5	1014	1032	1044	1135	1127	1104	1086	30- 35	3459	18209
40.0	826.7	842.2	857.2	864.5	934.4	925.2	910.6	893.2	35- 40	3239	21448
45.0	675.7	689.7	706.9	710.7	766.9	759.0	747.3	734.7	40- 45	2964	24411
50.0	531.2	549.7	561.1	571.6	624.3	617.9	608.1	597.2	45- 50	2637	27048
55.0	308.6	414.4	338.6	434.3	482.4	484.0	465.6	461.9	50- 55	2201	29250
60.0	97.73	255.7	92.16	277.7	154.4	344.3	160.0	319.6	55- 60	1460	30710
65.0	59.71	104.8	53.85	117.5	87.22	187.7	74.58	165.1	60- 65	763.5	31473
70.0	36.02	47.22	33.86	51.95	51.92	69.38	47.54	64.78	65- 70	377.8	31851
75.0	17.71	25.85	16.06	28.77	30.04	35.69	27.17	33.04	70- 75	198.0	32049
80.0	7.646	9.942	6.619	11.47	15.09	16.94	13.78	15.01	75- 80	101.6	32151
85.0	2.101	3.096	1.863	3.517	5.891	4.949	5.589	4.440	80- 85	41.06	32192
90.0	1.884	2.202	1.424	2.198	2.166	1.678	2.257	1.714	85- 90	14.54	32206
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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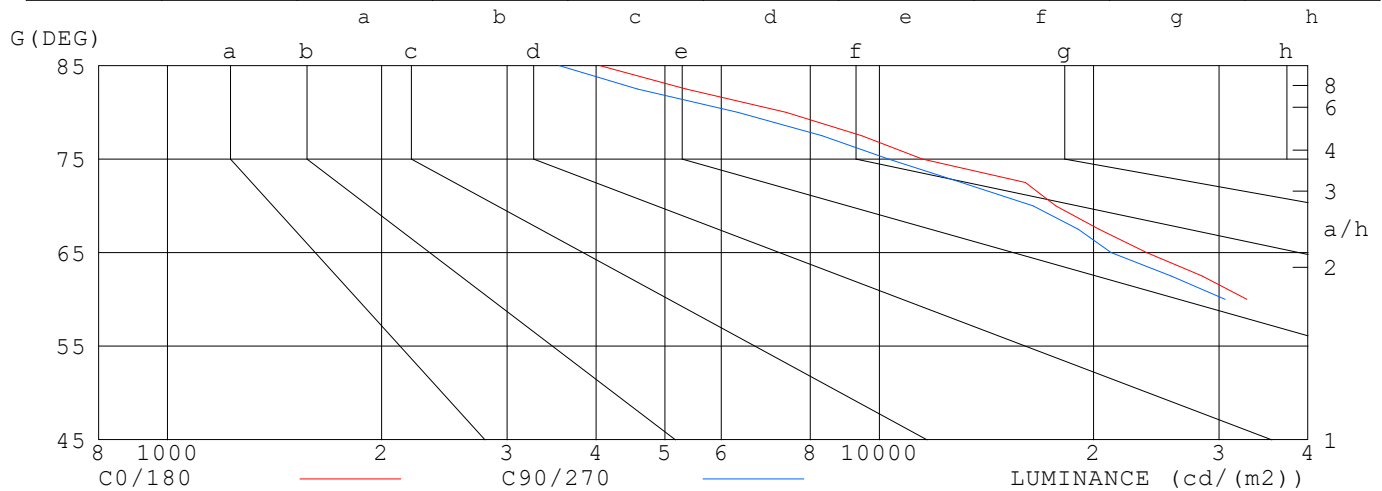
LUMINANCE LIMITATION CURVES

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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	4051	3550
80	7400	6331
75	11505	10309
70	17700	16444
65	23747	21163
60	32849	30614
55	90444	98060
50	138906	144999
45	160613	166050

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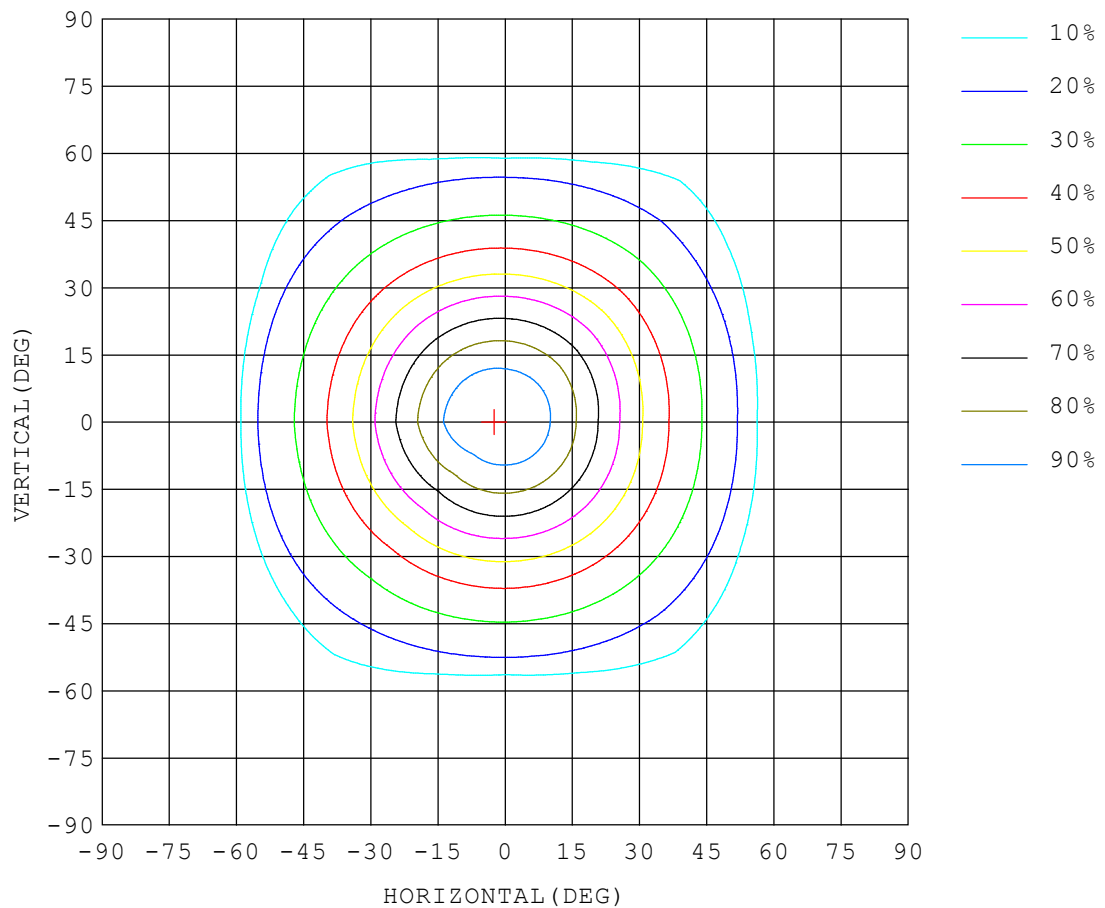
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ISOCANDELA DIAGRAM

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UNIT: cd



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