

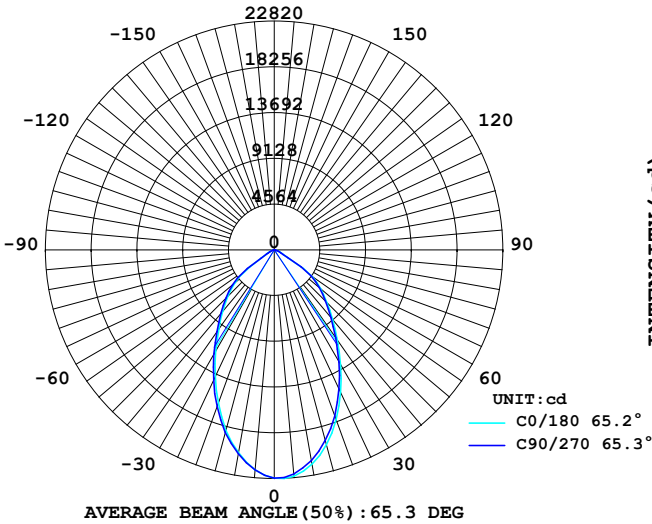
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

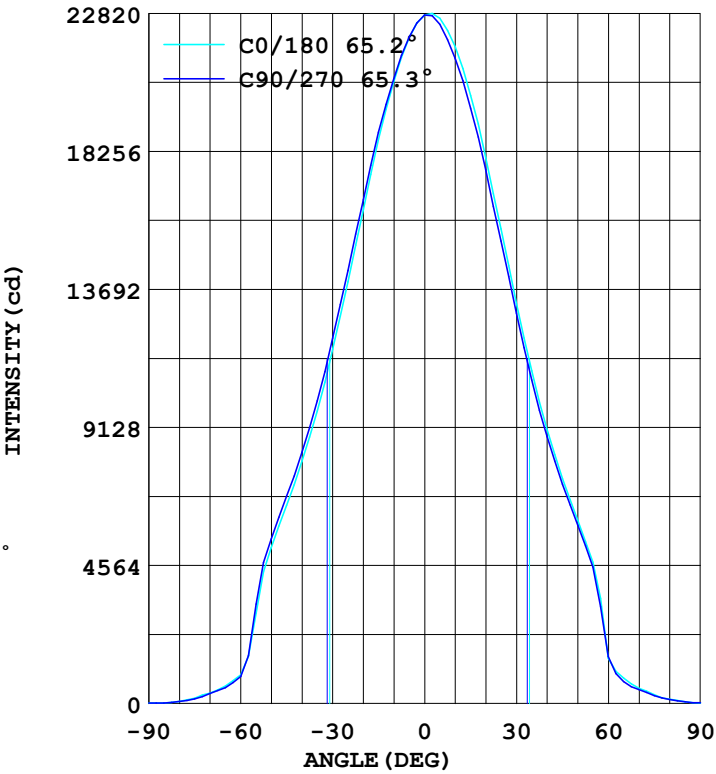
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	22820	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	200	TOTAL FLUX (lm)	31206	Voltage (V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.2	Current (A)	0.884
NOMINAL FLUX (lm)	31206.2	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)	31206.2	EEL	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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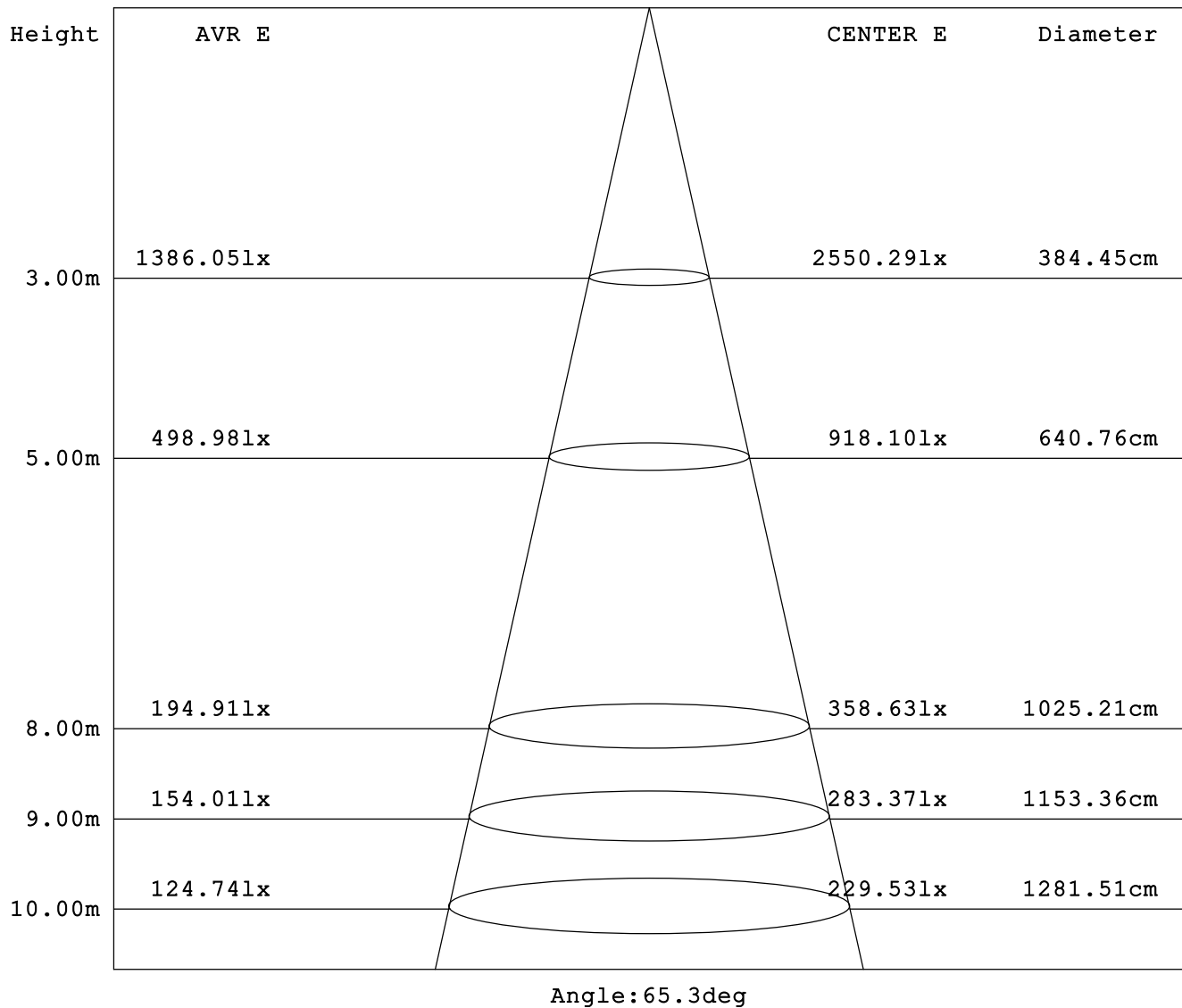
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2202	2203	2203	2216	2266	2258	2245	2241	0- 5	538.5	538.5
10.0	2056	2060	2066	2089	2171	2159	2133	2121	5- 10	1550	2089
15.0	1865	1871	1888	1904	2010	1999	1968	1947	10- 15	2394	4483
20.0	1632	1649	1665	1686	1806	1798	1766	1740	15- 20	3005	7488
25.0	1394	1419	1431	1460	1570	1561	1529	1505	20- 25	3351	10838
30.0	1171	1190	1208	1226	1323	1318	1291	1270	25- 30	3453	14292
35.0	966.5	982.5	1000	1012	1100	1092	1070	1052	30- 35	3352	17644
40.0	801.0	816.0	830.5	837.6	905.3	896.5	882.3	865.4	35- 40	3138	20782
45.0	654.8	668.3	685.0	688.6	743.1	735.4	724.1	711.8	40- 45	2872	23653
50.0	514.8	532.6	543.7	553.8	604.9	598.7	589.2	578.7	45- 50	2555	26209
55.0	299.1	401.6	328.1	420.8	467.4	468.9	451.1	447.5	50- 55	2133	28342
60.0	94.69	247.8	89.30	269.0	149.6	333.6	155.1	309.7	55- 60	1414	29756
65.0	57.86	101.5	52.18	113.9	84.51	181.9	72.27	160.0	60- 65	739.8	30496
70.0	34.90	45.76	32.81	50.33	50.30	67.22	46.06	62.77	65- 70	366.1	30862
75.0	17.16	25.05	15.56	27.88	29.11	34.58	26.33	32.01	70- 75	191.8	31054
80.0	7.408	9.633	6.413	11.11	14.62	16.41	13.35	14.54	75- 80	98.52	31152
85.0	2.035	3.000	1.805	3.408	5.708	4.795	5.415	4.303	80- 85	39.78	31192
90.0	1.825	2.133	1.380	2.130	2.098	1.626	2.187	1.661	85- 90	14.08	31206
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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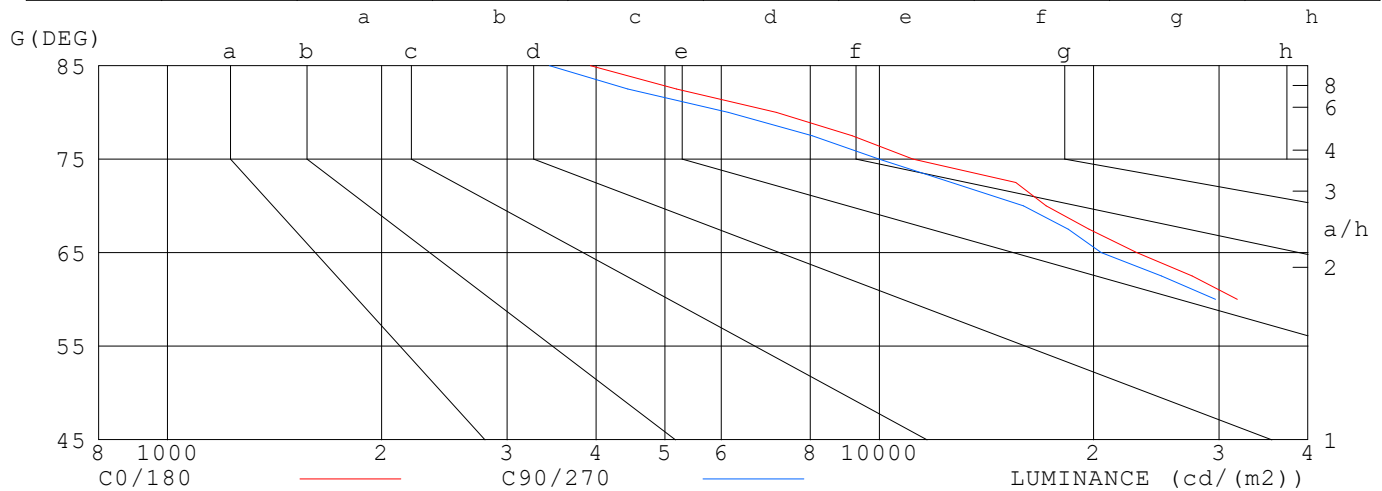
LUMINANCE LIMITATION CURVES

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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	3926	3440
80	7170	6134
75	11148	9989
70	17150	15933
65	23010	20506
60	31829	29664
55	87636	95015
50	134593	140497
45	155626	160894

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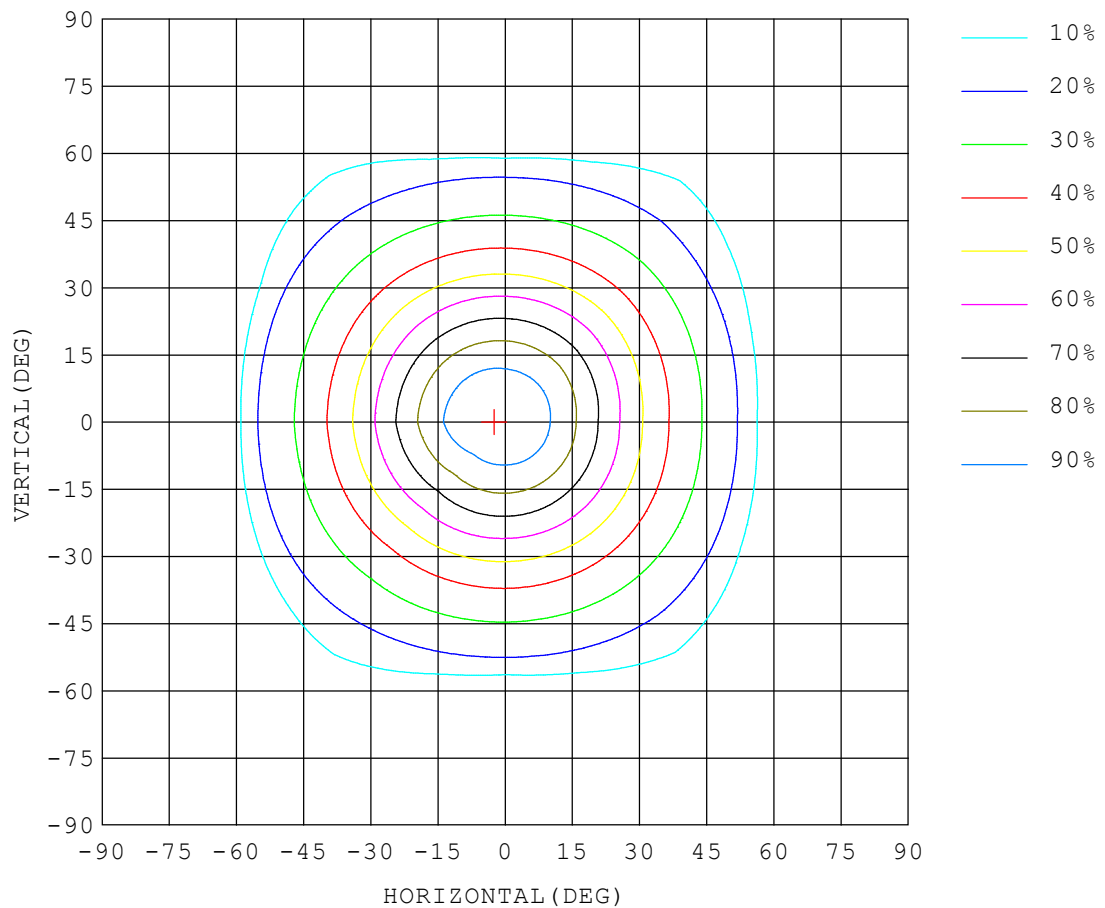
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ISOCANDELA DIAGRAM

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UNIT: cd



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