

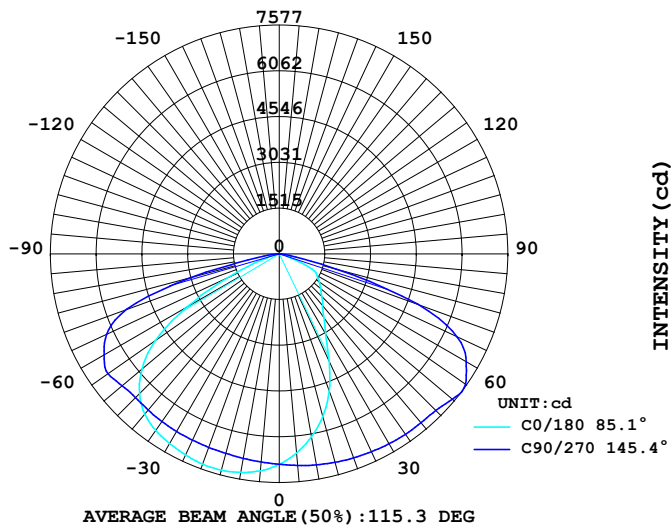
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

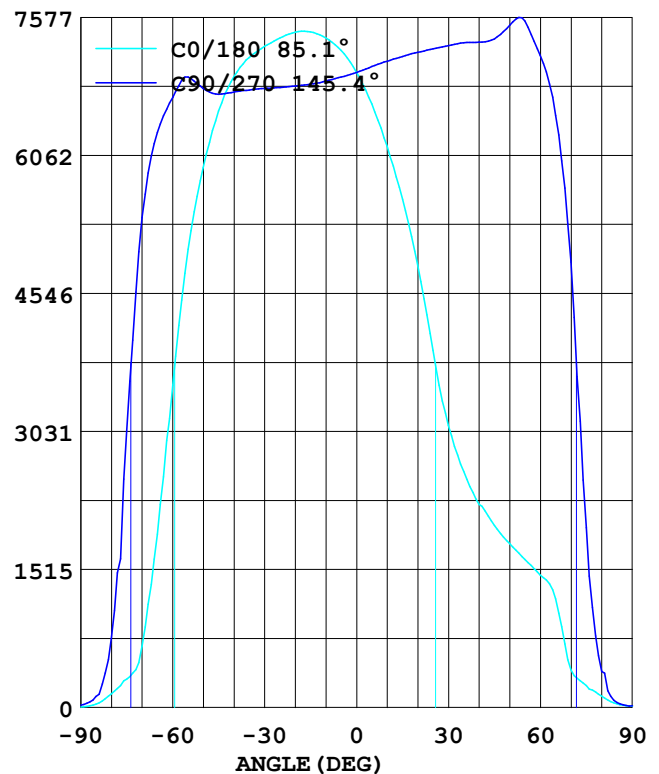
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE:IL-FL19-N15040-TY2	WEIGHT:
SPECIFICATION:2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8049	S/MH (C0/180)	1.55
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.50
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22510	Voltage (V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.9	Current (A)	0.660
NOMINAL FLUX(lm)	22510.2	η up (%)	0.0	Power (W)	150.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	22510.2	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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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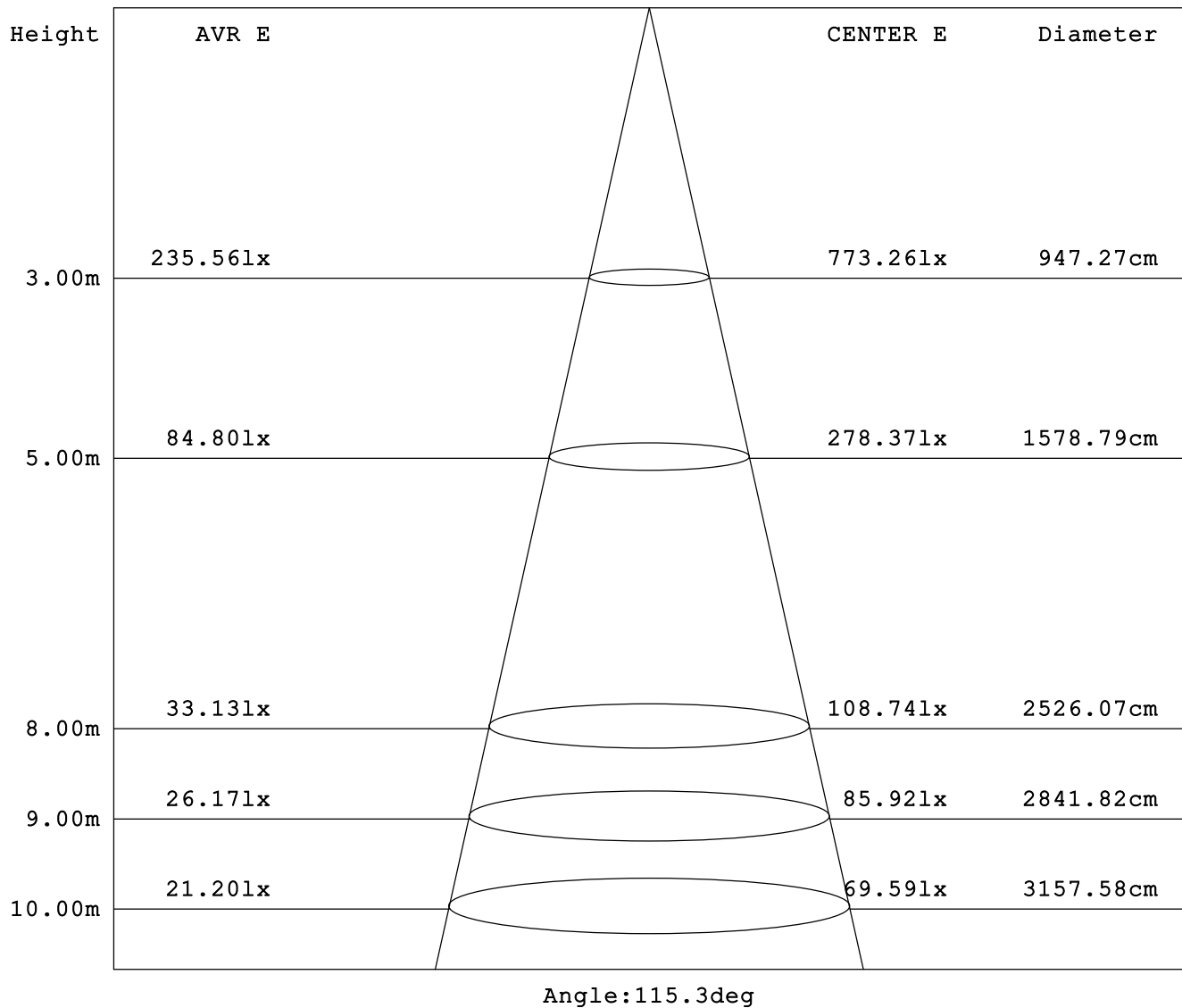
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	7214	7106	6921	6691	6626	6789	7037	7209	0- 5	166.4	166.4
10.0	7350	7189	6878	6371	6160	6551	7096	7378	5- 10	494.2	660.6
15.0	7417	7231	6843	6011	5578	6266	7147	7487	10- 15	807.6	1468
20.0	7413	7241	6824	5633	4858	5941	7194	7558	15- 20	1098	2567
25.0	7351	7218	6807	5182	3921	5546	7230	7589	20- 25	1356	3922
30.0	7258	7170	6796	4636	3094	5039	7267	7581	25- 30	1572	5495
35.0	7137	7105	6779	3972	2592	4376	7298	7549	30- 35	1753	7248
40.0	6927	7041	6757	3170	2230	3535	7304	7508	35- 40	1907	9155
45.0	6548	6958	6733	2503	2000	2713	7341	7430	40- 45	2029	11184
50.0	5926	6820	6795	2056	1799	2110	7490	7288	45- 50	2118	13302
55.0	5030	6585	6923	1729	1627	1708	7536	7055	50- 55	2164	15466
60.0	3538	6113	6697	1447	1454	1385	7159	6491	55- 60	2106	17572
65.0	1904	5164	6314	1198	1195	1118	6501	5383	60- 65	1898	19471
70.0	672.3	3582	5380	959.5	414.1	796.2	4889	3510	65- 70	1535	21006
75.0	309.3	1381	3031	502.5	240.8	252.1	1972	1001	70- 75	973.3	21979
80.0	150.0	288.5	757.6	135.8	124.9	87.15	395.4	182.2	75- 80	409.9	22389
85.0	36.48	103.8	122.1	43.93	39.25	24.34	54.74	58.19	80- 85	102.7	22492
90.0	6.564	24.09	26.24	13.00	14.26	12.86	19.37	16.66	85- 90	18.37	22510
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:cd									UNIT:lm	

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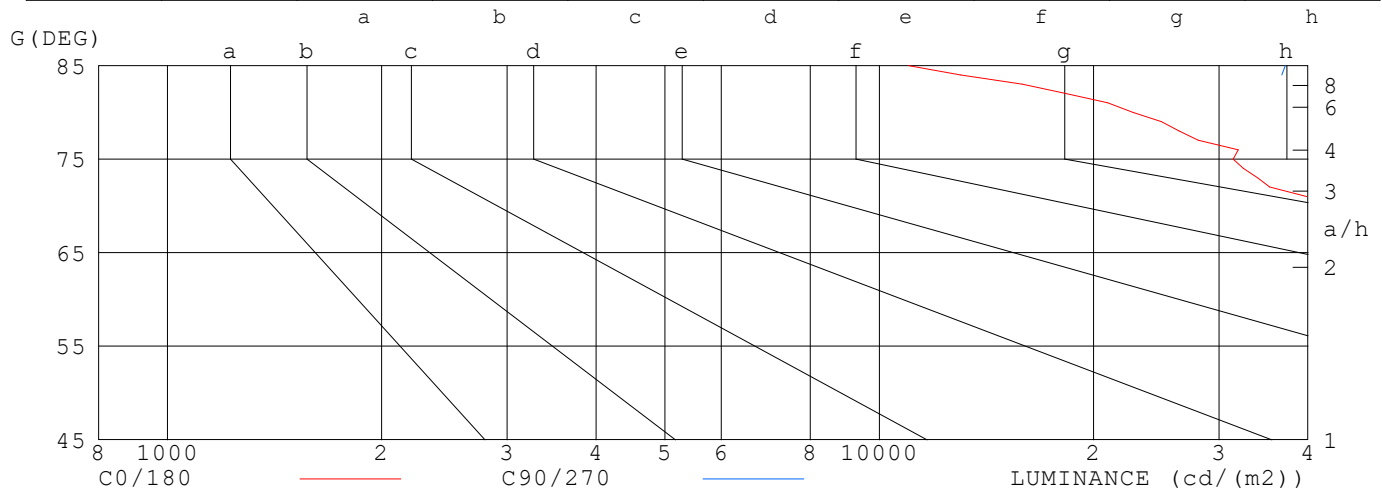
LUMINANCE LIMITATION CURVES

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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	10994	37168
80	22703	115729
75	31399	310646
70	51632	417263
65	118310	396292
60	185836	355311
55	230336	320156
50	242148	280412
45	243244	252584

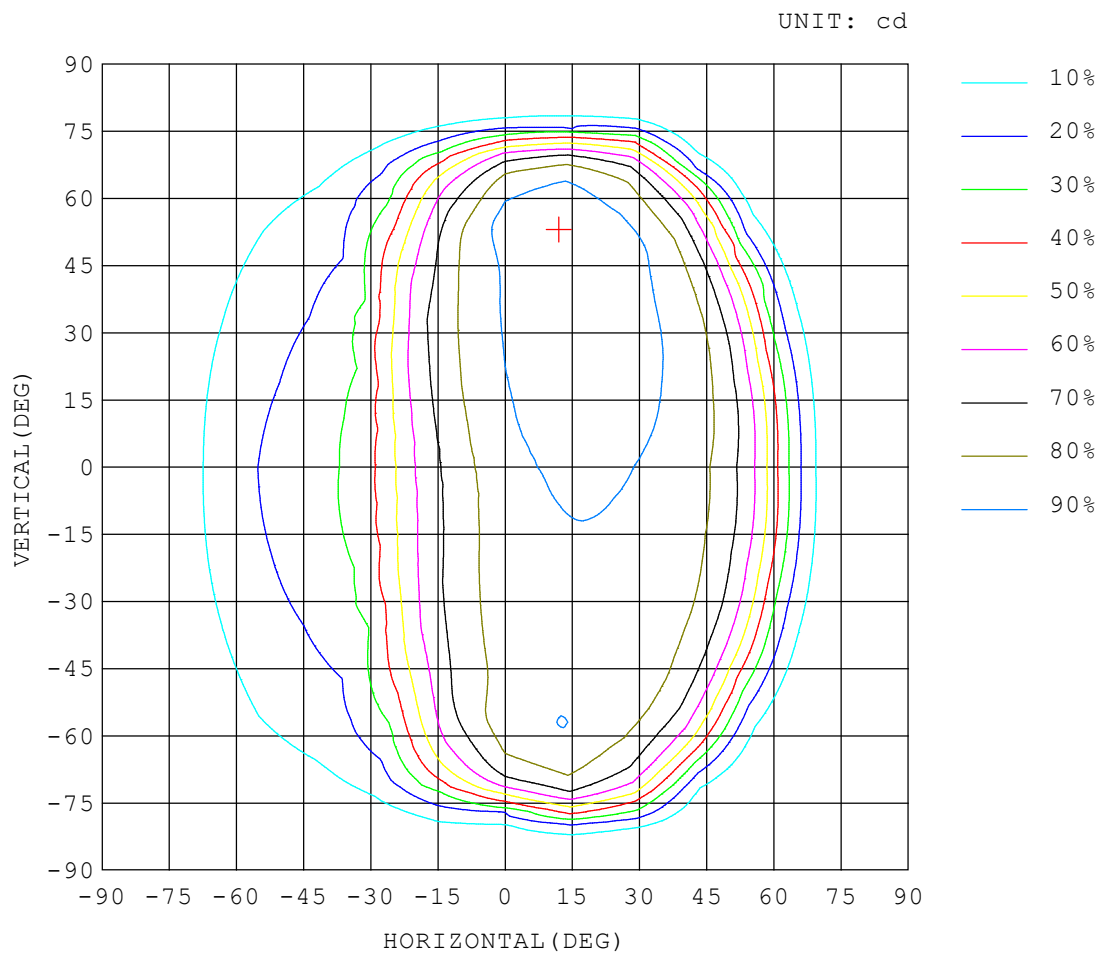
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