

LUMINAIRE PHOTOMETRIC TEST REPORT

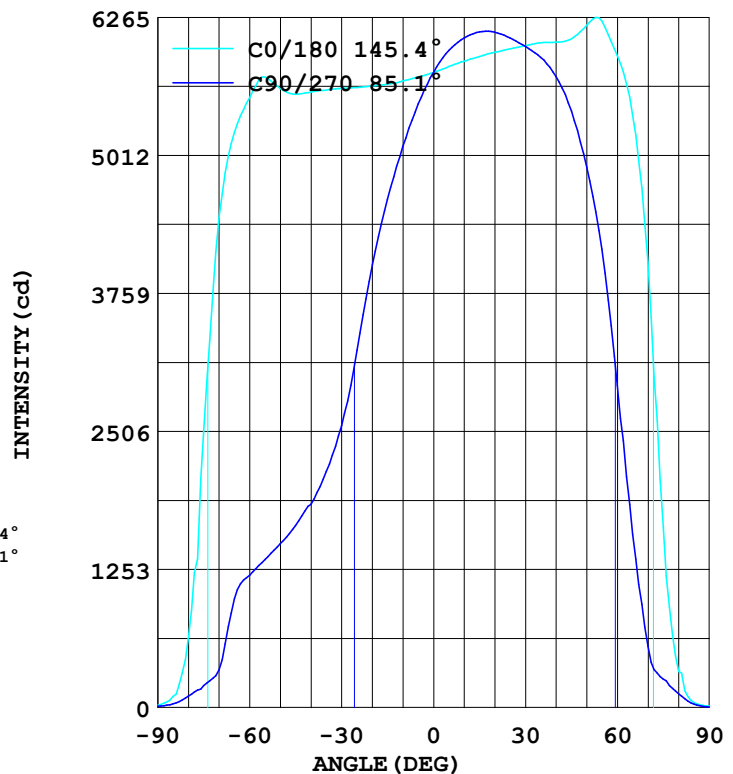
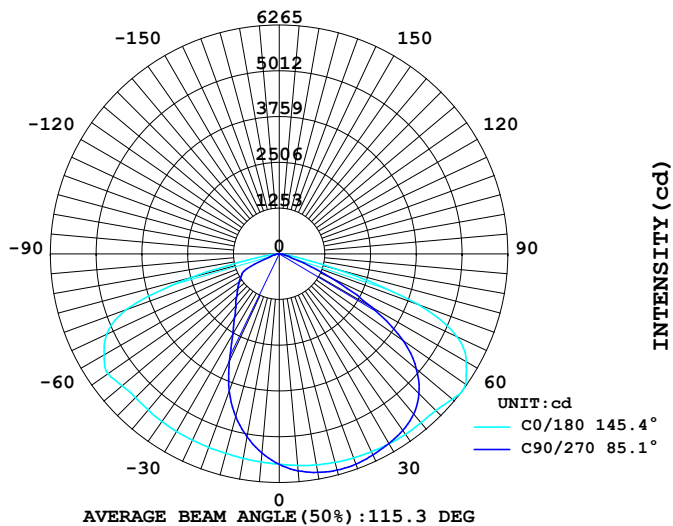
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-TY2	WEIGHT:
SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	6654	S/MH (C0/180)	1.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18610	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.1	Current(A)	0.528
NOMINAL FLUX(lm)	18610.2	η up (%)	0.0	Power(W)	120.0
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	18610.2	EEL	0.097

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

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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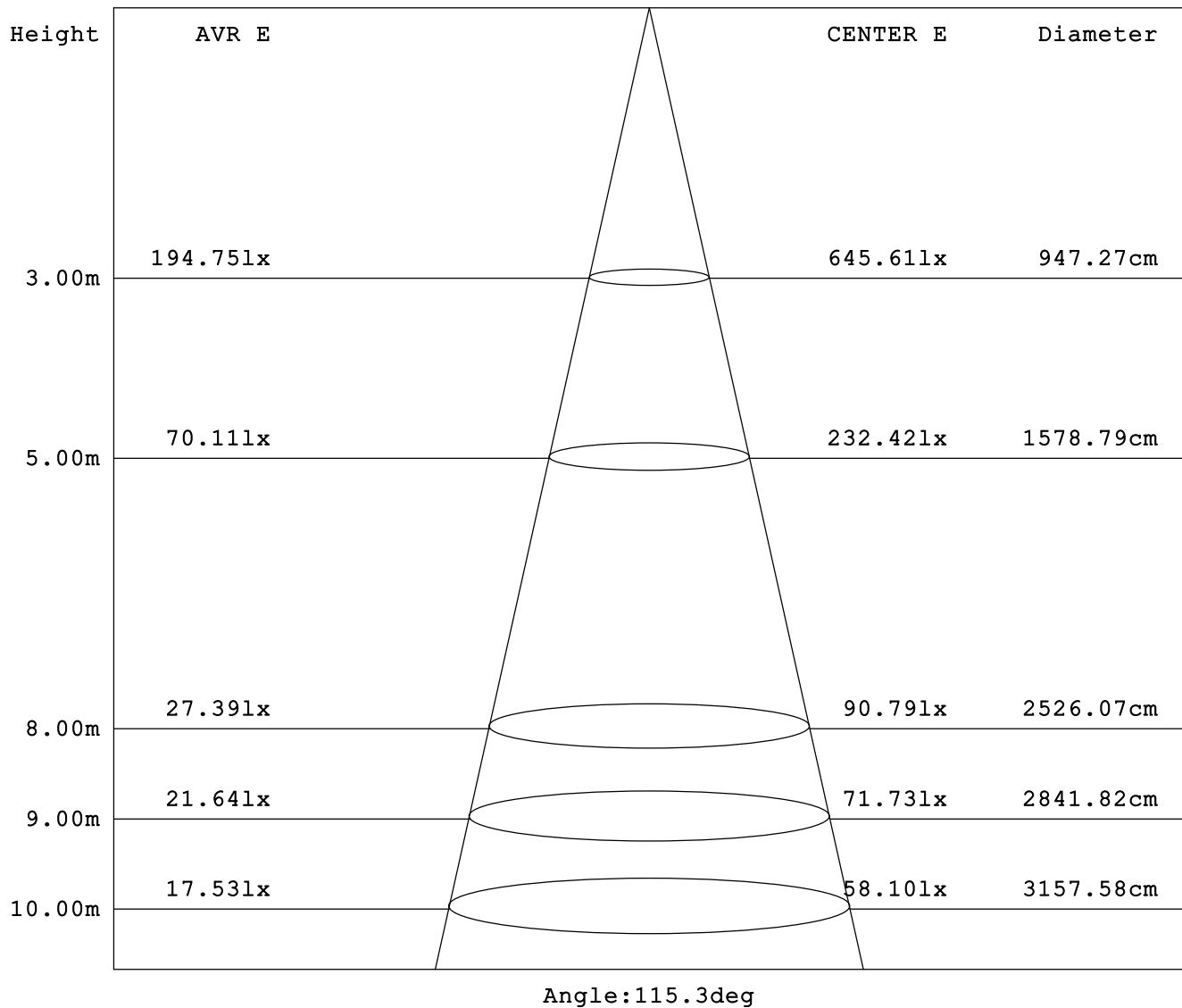
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5722	5532	5478	5613	5817	5960	5964	5875	0- 5	137.5	137.5
10.0	5687	5267	5093	5416	5866	6100	6076	5943	5- 10	408.6	546.2
15.0	5657	4969	4611	5180	5909	6190	6132	5978	10- 15	667.7	1214
20.0	5642	4657	4016	4912	5947	6249	6129	5986	15- 20	908.0	2122
25.0	5628	4284	3242	4585	5977	6274	6077	5967	20- 25	1121	3243
30.0	5619	3833	2558	4166	6008	6268	6000	5928	25- 30	1300	4543
35.0	5605	3284	2143	3617	6033	6241	5901	5874	30- 35	1450	5992
40.0	5586	2620	1843	2923	6039	6207	5726	5821	35- 40	1576	7569
45.0	5567	2070	1653	2243	6069	6143	5414	5753	40- 45	1677	9246
50.0	5618	1700	1487	1745	6192	6025	4899	5638	45- 50	1751	10997
55.0	5723	1429	1345	1412	6231	5832	4158	5444	50- 55	1789	12786
60.0	5537	1197	1202	1145	5918	5366	2925	5054	55- 60	1741	14528
65.0	5220	990.3	987.5	924.0	5375	4450	1574	4269	60- 65	1569	16097
70.0	4448	793.3	342.4	658.3	4042	2902	555.8	2962	65- 70	1269	17366
75.0	2506	415.4	199.1	208.4	1630	827.4	255.7	1142	70- 75	804.7	18171
80.0	626.3	112.3	103.3	72.05	326.9	150.7	124.0	238.5	75- 80	338.9	18510
85.0	100.9	36.32	32.45	20.12	45.26	48.11	30.16	85.82	80- 85	84.92	18595
90.0	21.70	10.75	11.79	10.63	16.01	13.77	5.426	19.91	85- 90	15.19	18610
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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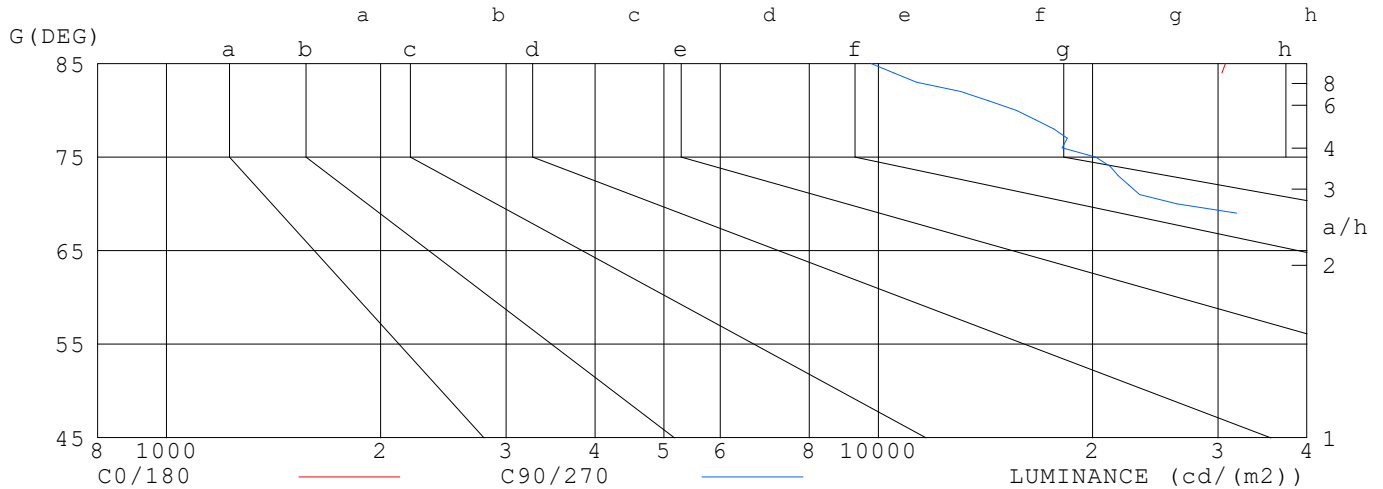
LUMINANCE LIMITATION CURVES

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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	30728	9781
80	95678	15628
75	256825	20208
70	344970	26296
65	327632	61379
60	293752	63152
55	264687	61584
50	231829	60783
45	208823	61406

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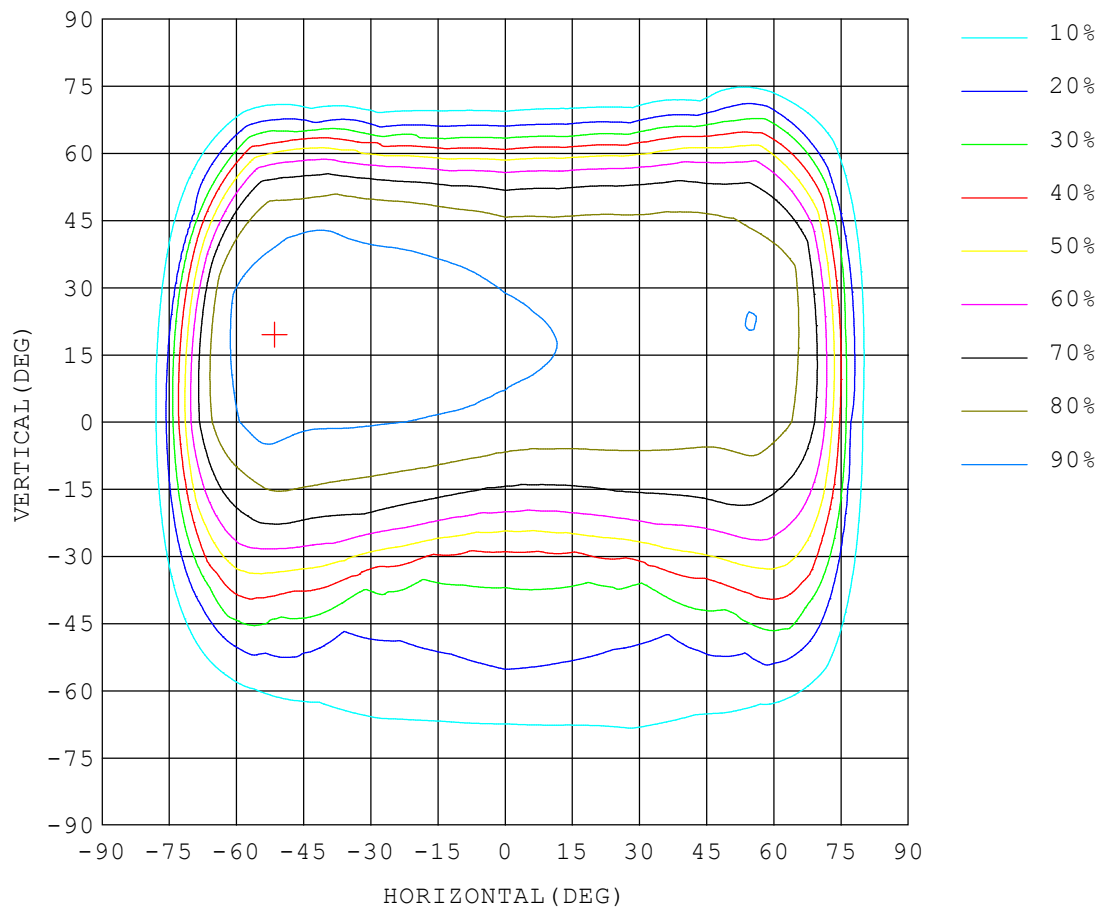
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ISOCANDELA DIAGRAM

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UNIT: cd



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