

LUMINAIRE PHOTOMETRIC TEST REPORT

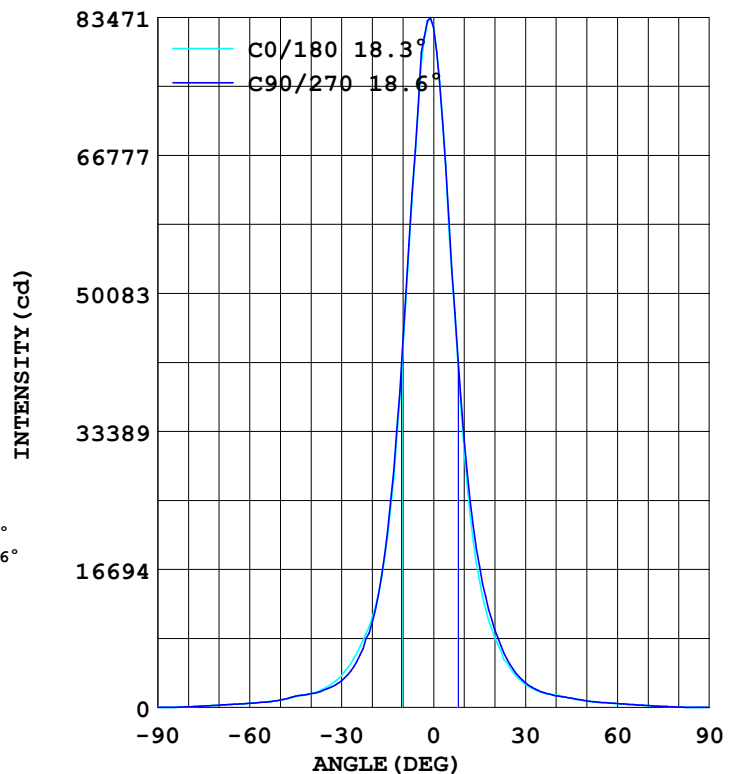
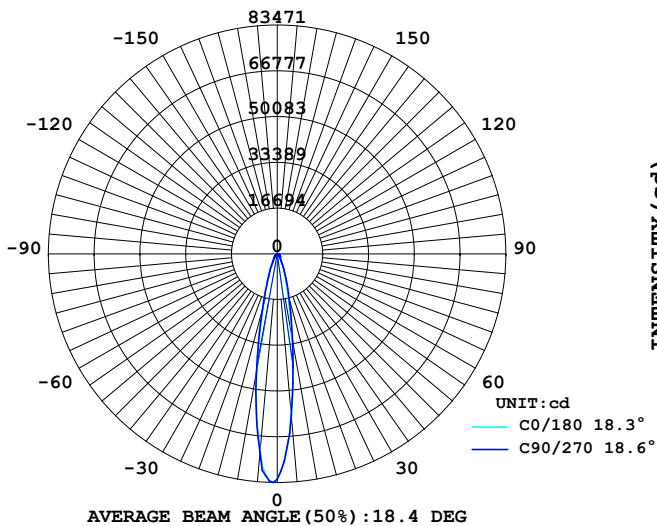
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-15	WEIGHT:
SPECIFICATION: 2835LED、4000K、15DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	84265	S/MH (C0/180)	0.36
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.36
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	16749	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.6	Current(A)	0.528
NOMINAL FLUX(lm)	16749.0	η up (%)	0.0	Power(W)	119.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	16749.0	EEI	0.107

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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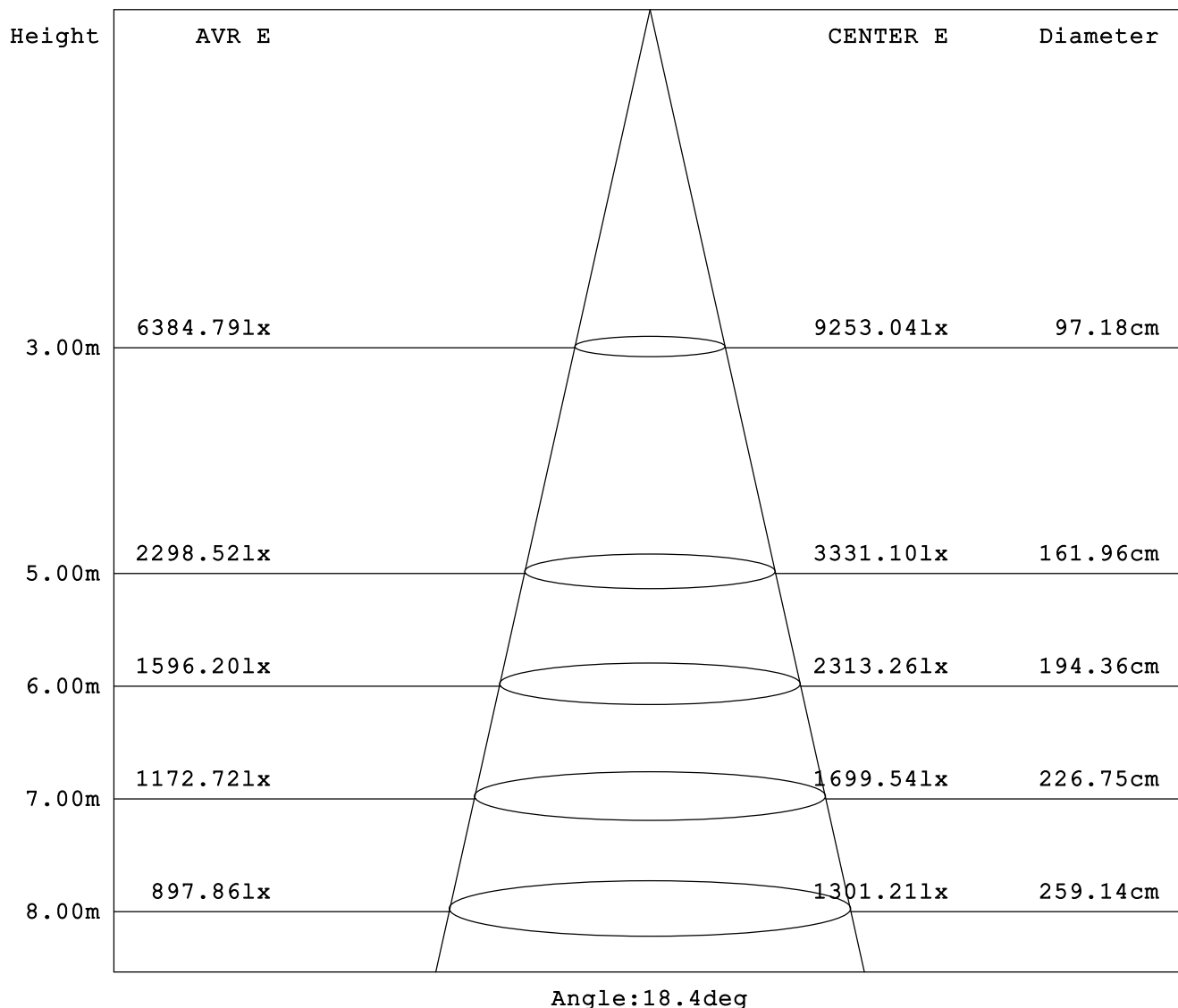
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	7228	7506	7260	6860	5764	5806	5914	6156	0- 5	1757	1757
10.0	4308	4578	4402	3929	3097	3109	3231	3394	5- 10	3556	5313
15.0	2048	2234	2113	1872	1530	1592	1706	1741	10- 15	3126	8439
20.0	1092	1141	1035	939.2	847.8	888.5	942.9	945.2	15- 20	2197	10636
25.0	659.9	584.0	560.8	520.6	478.2	532.2	519.3	541.8	20- 25	1555	12191
30.0	386.8	370.0	323.9	309.3	280.0	329.2	299.2	322.2	25- 30	1082	13273
35.0	245.8	236.3	224.1	209.4	187.1	208.6	192.4	207.1	30- 35	778.1	14051
40.0	165.4	165.2	166.9	156.9	151.2	148.9	142.0	143.9	35- 40	601.9	14653
45.0	130.9	135.9	138.9	134.2	109.9	114.6	113.2	112.8	40- 45	515.4	15169
50.0	88.62	97.65	90.55	93.38	76.47	82.85	81.19	83.25	45- 50	423.6	15592
55.0	66.53	69.46	65.34	68.78	58.79	62.24	61.54	63.38	50- 55	324.9	15917
60.0	50.77	55.41	50.96	52.13	45.56	47.56	47.88	49.12	55- 60	262.1	16179
65.0	38.98	42.19	39.59	39.54	33.95	33.62	35.22	36.17	60- 65	211.8	16391
70.0	27.89	29.65	28.77	29.17	23.11	22.17	23.54	24.48	65- 70	160.5	16552
75.0	17.42	18.78	17.58	17.00	13.82	12.41	13.51	14.20	70- 75	107.8	16659
80.0	9.220	9.836	9.365	8.359	5.156	4.903	5.078	5.988	75- 80	60.14	16720
85.0	2.629	3.371	2.515	2.515	1.577	0.978	1.348	1.282	80- 85	23.91	16744
90.0	0.471	0.645	0.326	0.479	0.457	0.254	0.453	0.245	85- 90	5.486	16749
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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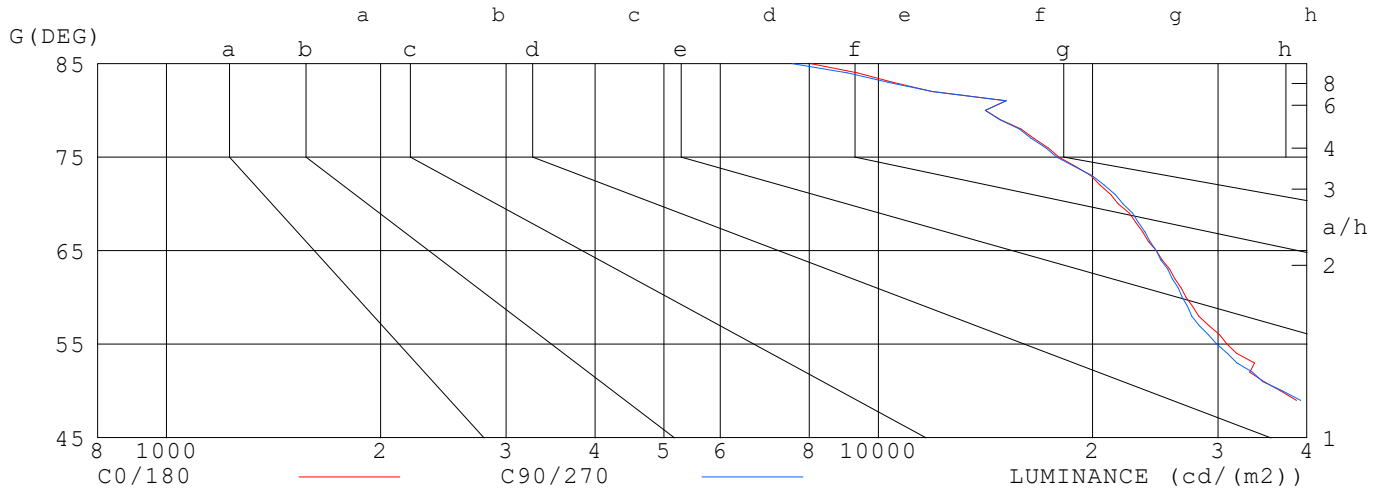
LUMINANCE LIMITATION CURVES

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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	8037	7568
80	14142	14142
75	17930	17817
70	21719	22060
65	24568	24568
60	27048	26725
55	30892	29873
50	36721	36940
45	49309	51527

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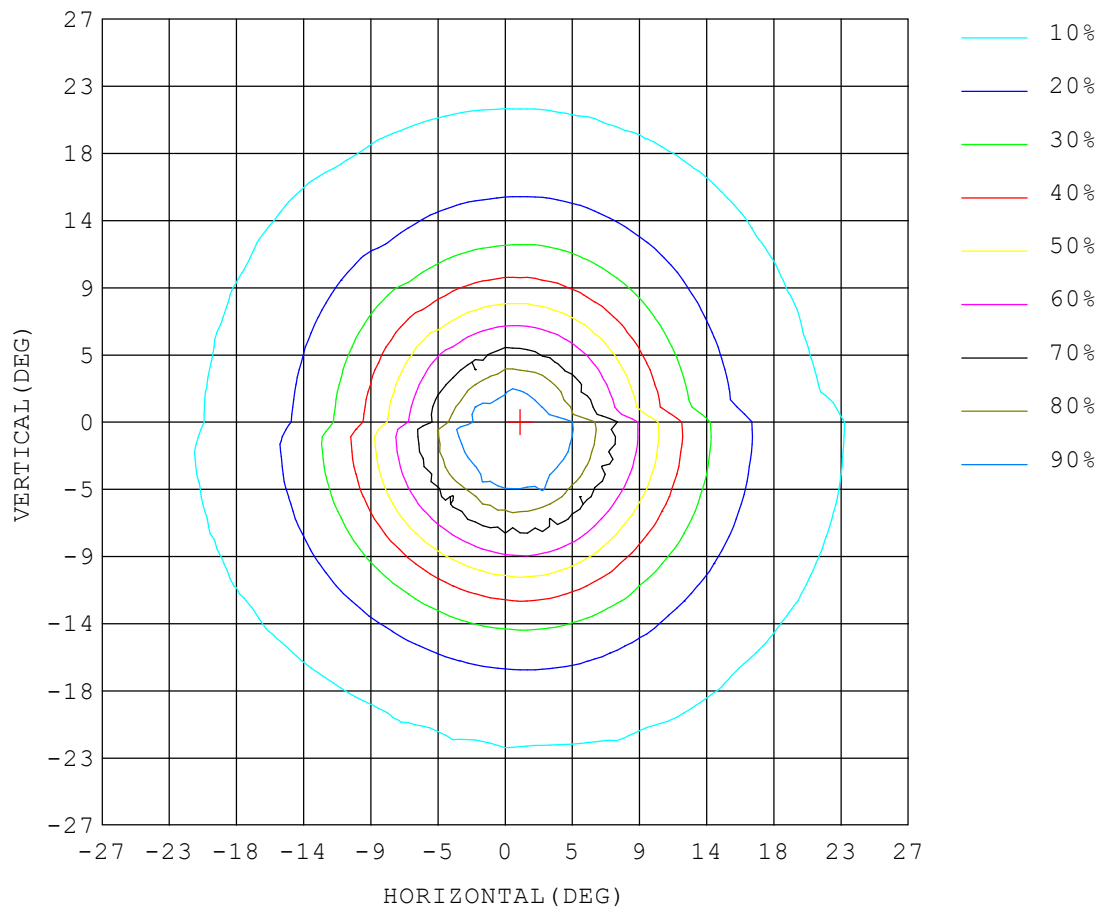
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UNIT: cd



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