

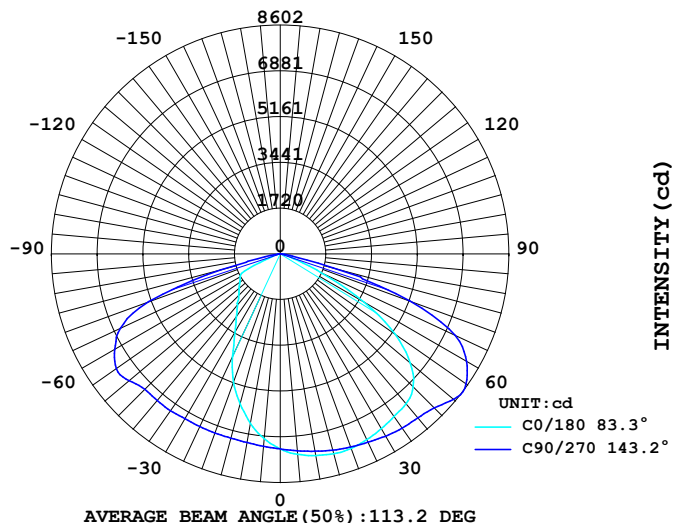
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

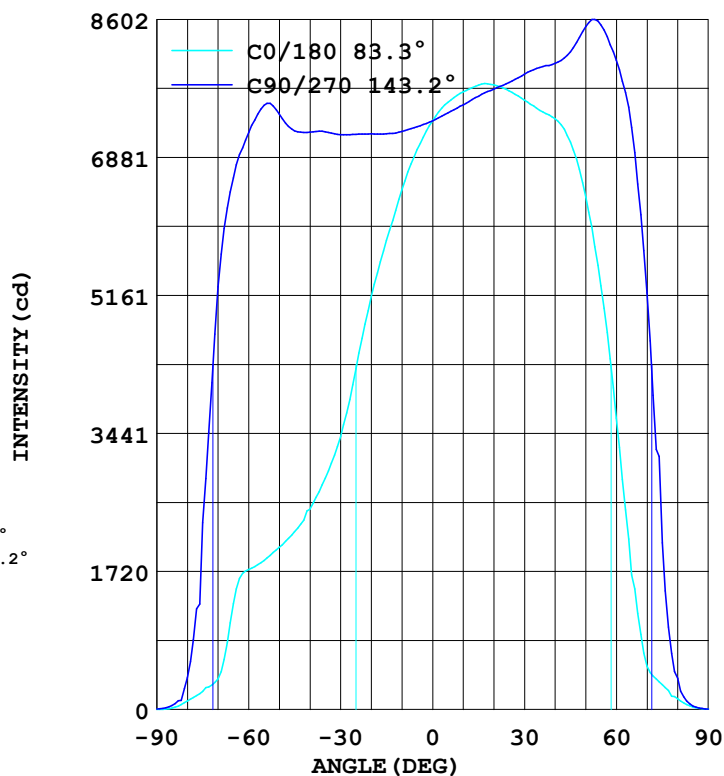
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	9022	S/MH (C0/180)	0.84
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.51
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	23906	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.6	Current(A)	0.659
NOMINAL FLUX(lm)	23906.4	η up (%)	0.0	Power(W)	149.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	23906.4	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.21

Test Set: 6.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

Color Temperature Data List

Report number:

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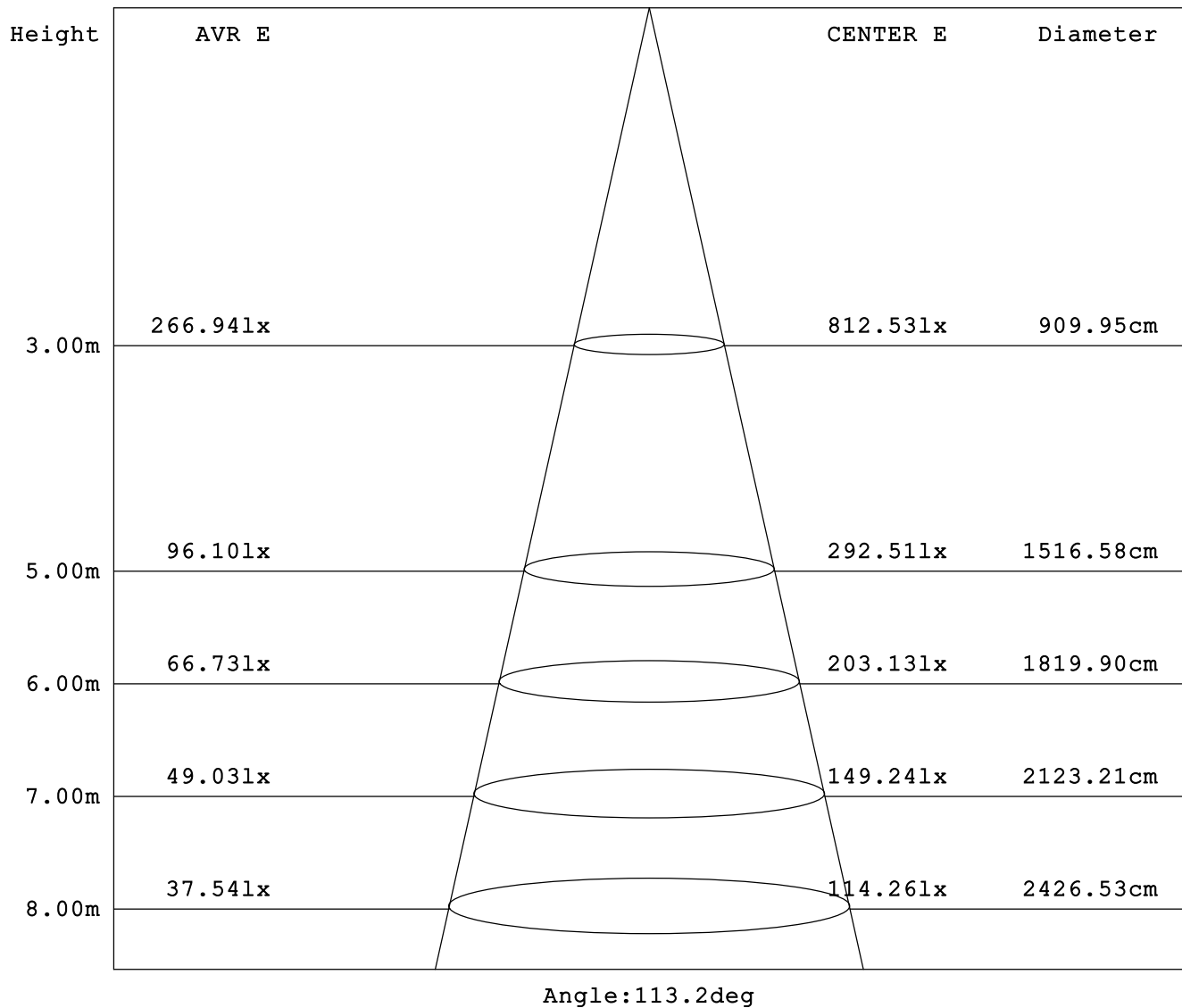
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6979	7038	7263	7457	7568	7586	7434	7164	0- 5	175.1	175.1
10.0	6475	6704	7202	7523	7697	7770	7536	6948	5- 10	520.3	695.4
15.0	5848	6284	7176	7566	7780	7911	7644	6653	10- 15	850.3	1546
20.0	5151	5874	7175	7582	7784	8028	7730	6308	15- 20	1159	2705
25.0	4246	5395	7167	7592	7709	8094	7814	5876	20- 25	1437	4142
30.0	3400	4857	7165	7555	7595	8107	7919	5393	25- 30	1674	5815
35.0	2882	4200	7199	7490	7466	8084	8002	4811	30- 35	1873	7689
40.0	2494	3391	7197	7421	7362	8048	8053	4020	35- 40	2046	9734
45.0	2215	2669	7211	7342	7071	7991	8197	3170	40- 45	2190	11924
50.0	2021	2203	7422	7230	6385	7881	8512	2495	45- 50	2306	14230
55.0	1859	1867	7529	7051	5281	7628	8533	1996	50- 55	2374	16604
60.0	1744	1585	7190	6501	3632	7040	8091	1730	55- 60	2304	18908
65.0	1317	1349	6625	5295	1677	5808	7256	1437	60- 65	2060	20968
70.0	380.6	973.0	5267	3186	539.8	3557	5193	994.1	65- 70	1603	22571
75.0	227.2	334.2	2329	783.6	309.8	880.8	2078	359.3	70- 75	941.4	23512
80.0	106.1	109.8	394.0	178.7	134.3	190.2	387.1	117.2	75- 80	324.1	23836
85.0	17.23	29.31	49.46	45.45	31.28	47.79	42.57	33.22	80- 85	60.85	23897
90.0	2.153	6.502	6.780	2.805	4.874	2.395	6.446	6.509	85- 90	9.236	23906
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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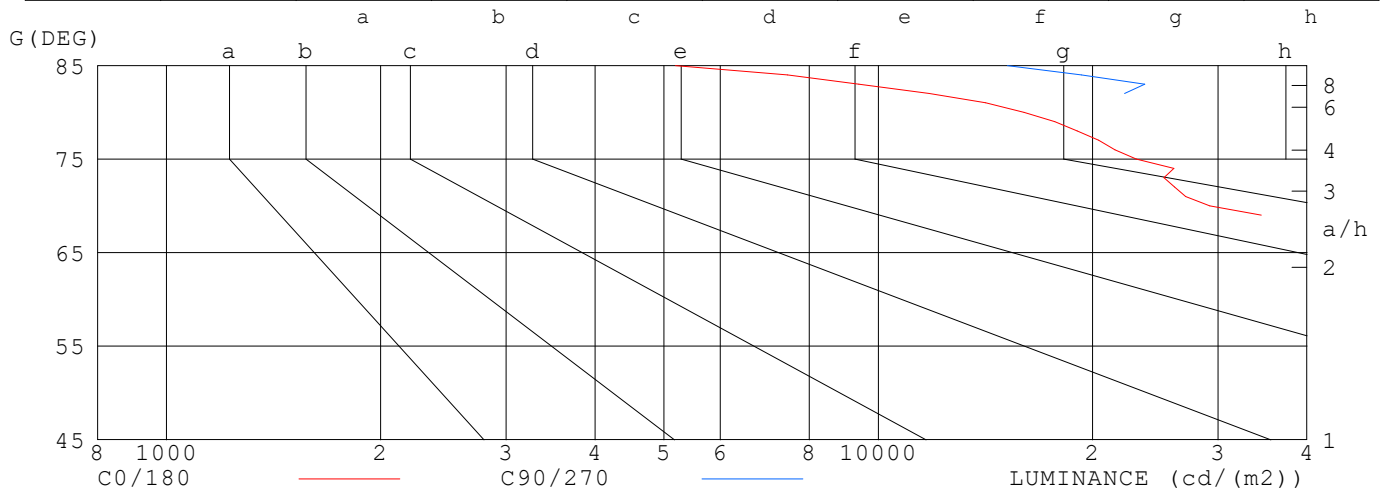
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

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	5186	15184
80	16030	60711
75	23038	240720
70	29198	412059
65	81761	419451
60	91501	384720
55	85026	351214
50	82487	308928
45	82163	272845

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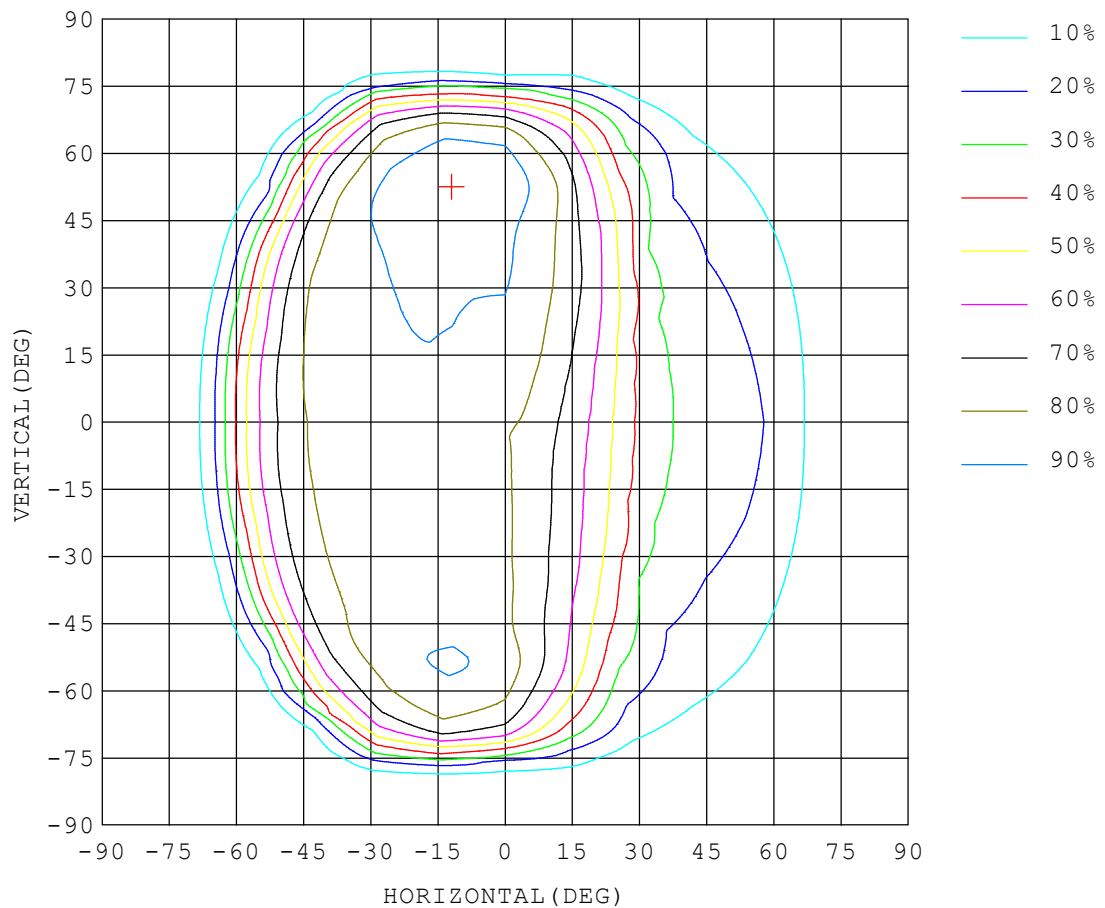
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ISOCANDELA DIAGRAM

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UNIT: cd



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