

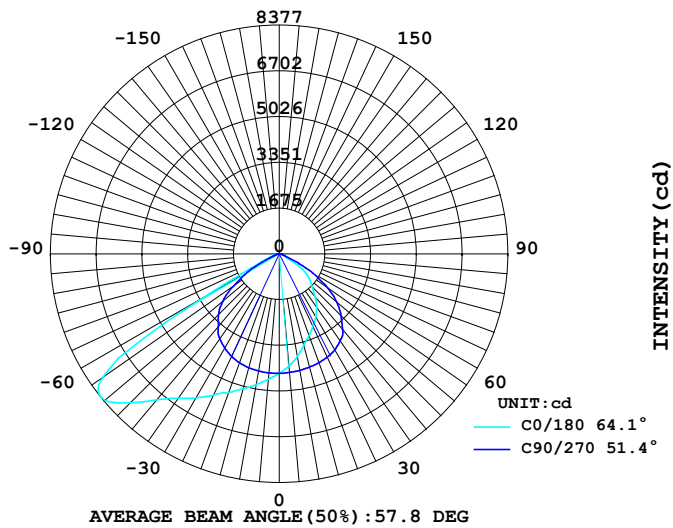
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

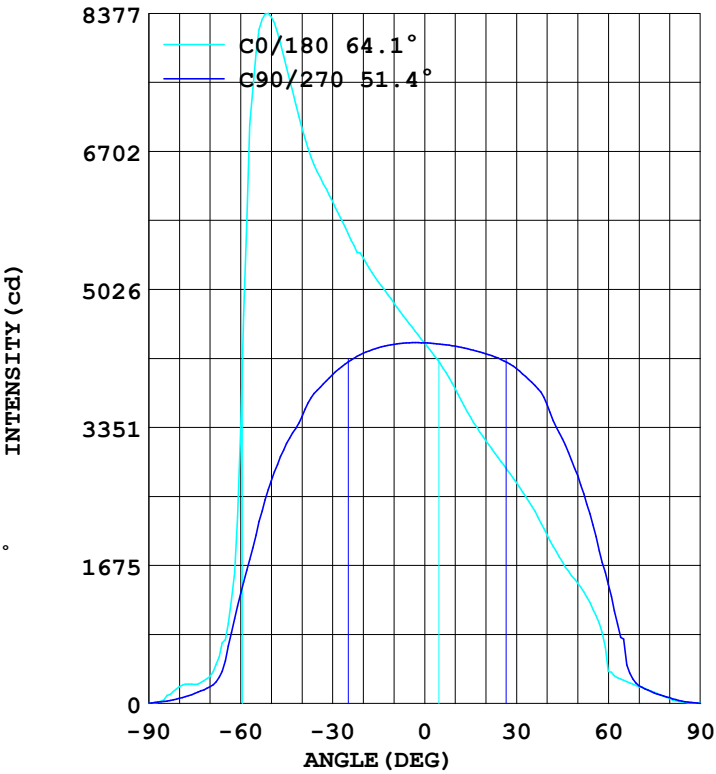
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8618	S/MH (C0/180)	2.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.35
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	13468	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.7	Current(A)	0.440
NOMINAL FLUX(lm)	13468.5	η up (%)	0.0	Power(W)	99.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	13468.5	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

Report number:

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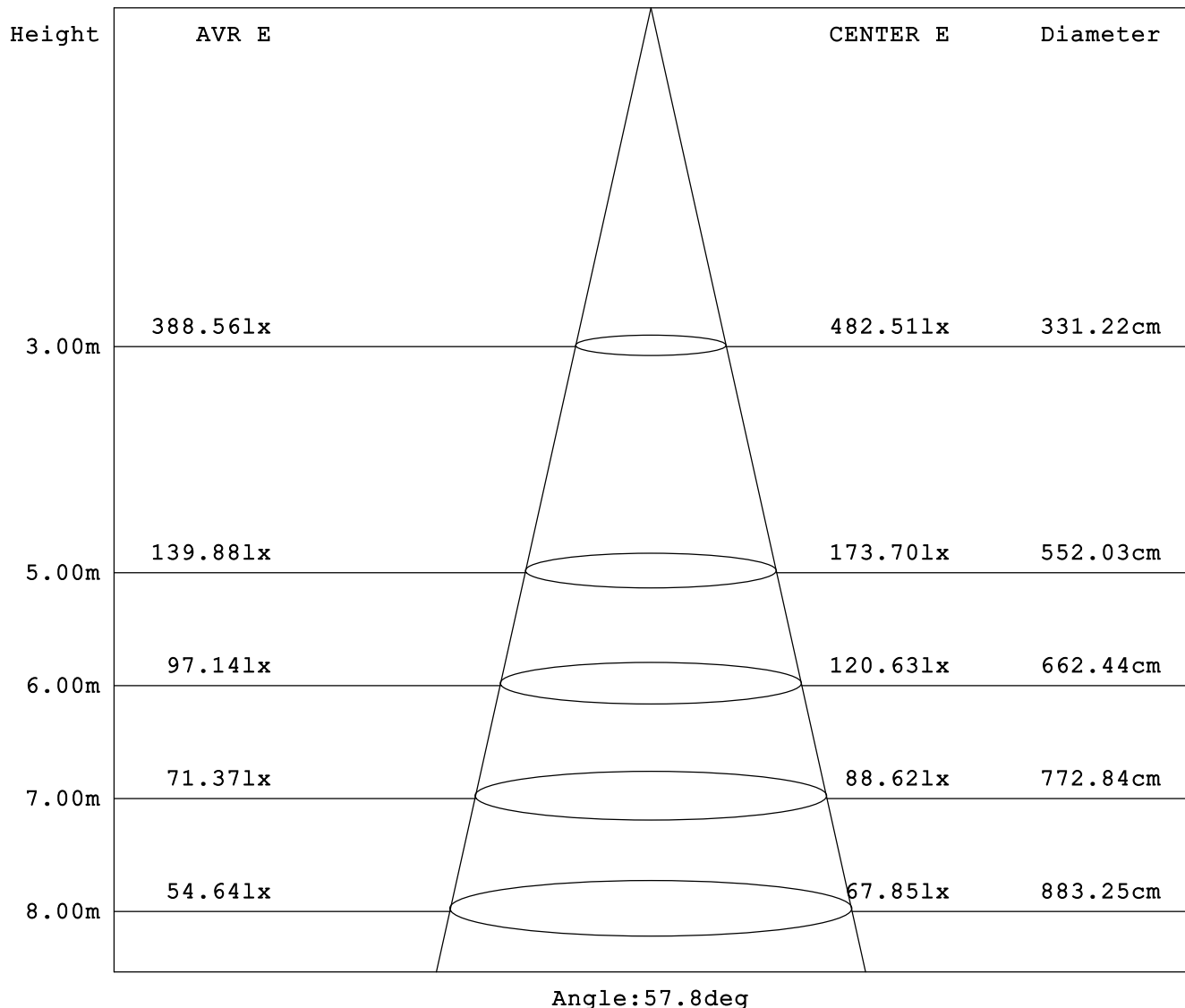
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4611	4544	4378	4204	4131	4195	4363	4534	0- 5	104.5	104.5
10.0	4864	4716	4358	3991	3819	3975	4336	4698	5- 10	311.7	416.3
15.0	5117	4905	4319	3730	3477	3719	4297	4880	10- 15	512.9	929.2
20.0	5406	5101	4251	3441	3192	3434	4245	5071	15- 20	706.1	1635
25.0	5708	5317	4143	3158	2934	3155	4176	5291	20- 25	892.3	2528
30.0	6093	5562	3993	2890	2682	2891	4064	5527	25- 30	1070	3598
35.0	6451	5809	3800	2582	2394	2591	3900	5757	30- 35	1234	4832
40.0	6989	6041	3479	2217	2046	2217	3626	5949	35- 40	1373	6205
45.0	7718	6161	3158	1816	1718	1803	3210	6034	40- 45	1480	7685
50.0	8338	6048	2699	1343	1460	1305	2763	5849	45- 50	1557	9242
55.0	7902	5334	2044	862.1	1145	833.0	2171	5110	50- 55	1558	10800
60.0	3353	4500	1340	475.3	389.1	443.0	1446	4242	55- 60	1338	12138
65.0	775.4	3188	520.4	270.7	280.5	258.6	783.2	2849	60- 65	804.5	12943
70.0	328.7	697.7	202.7	185.3	205.7	177.8	215.9	629.5	65- 70	328.1	13271
75.0	233.0	177.0	122.6	105.1	137.9	98.52	127.3	177.2	70- 75	105.9	13377
80.0	205.4	89.12	62.49	46.22	58.95	43.42	71.71	90.74	75- 80	58.04	13435
85.0	45.37	34.90	23.57	15.28	14.00	13.85	22.96	34.74	80- 85	26.49	13461
90.0	2.818	6.762	4.307	4.436	5.940	4.579	3.259	5.186	85- 90	7.160	13468
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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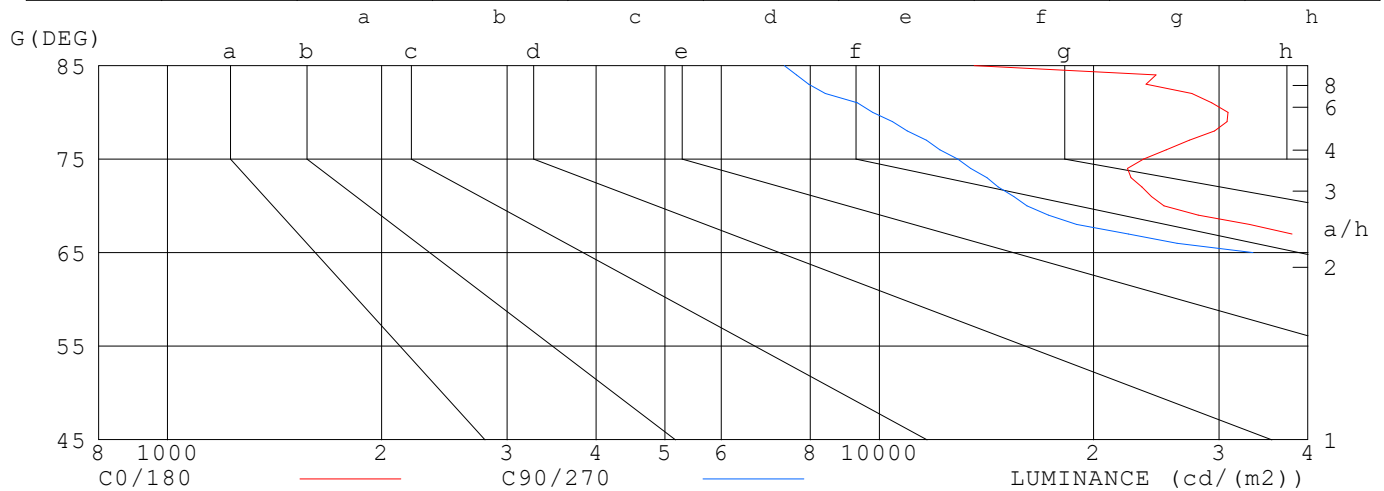
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N10040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	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	13594	7355
80	30897	9785
75	23512	12886
70	25102	16117
65	47909	33490
60	175101	72847
55	359723	96917
50	338698	114172
45	285013	121428

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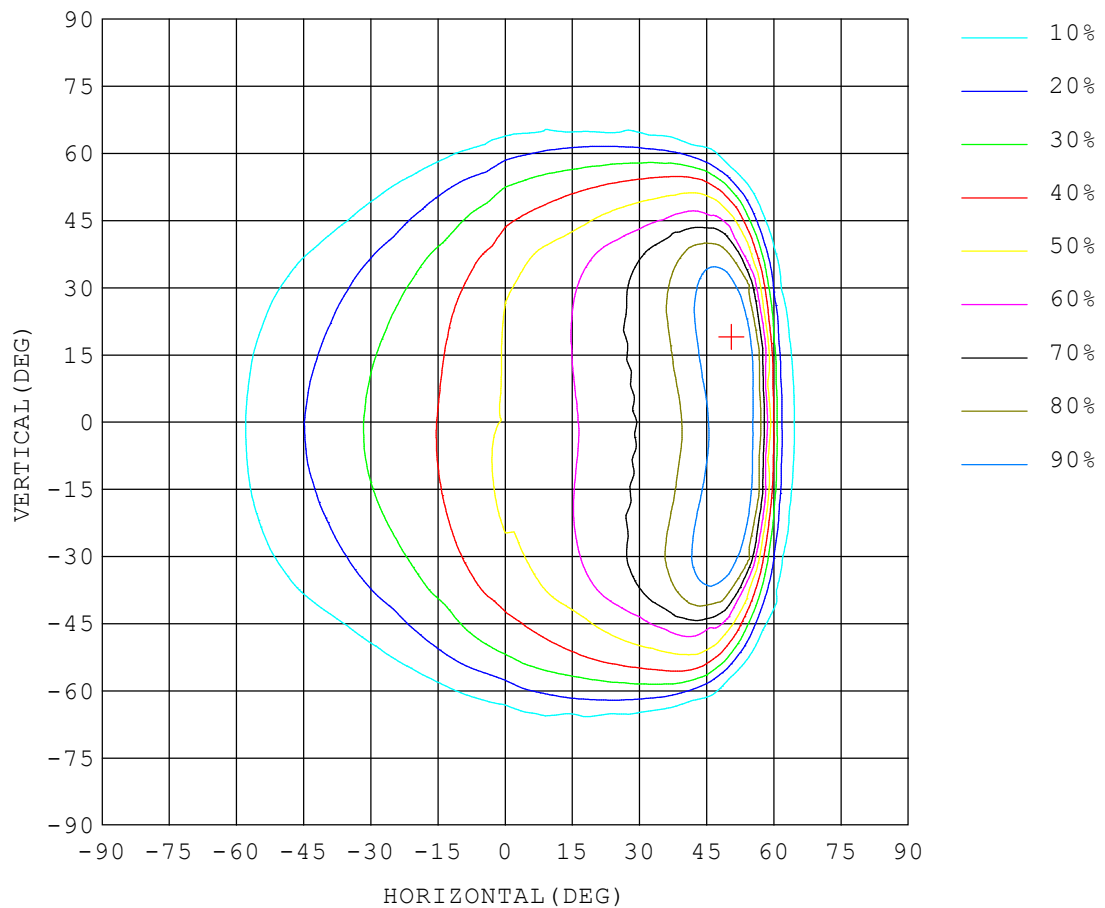
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ISOCANDELA DIAGRAM

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UNIT: cd



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