

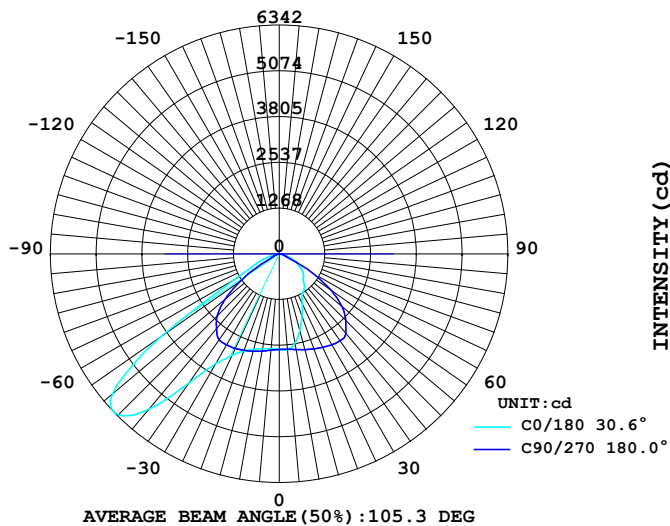
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

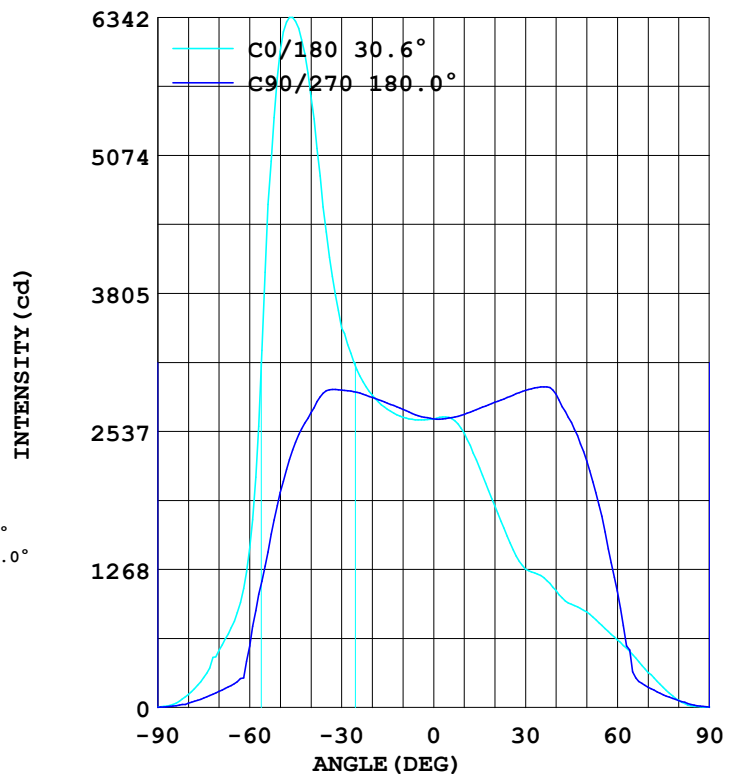
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	6397	S/MH (C0/180)	2.06
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.57
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	8685.0	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	144.8	Current(A)	0.264
NOMINAL FLUX(lm)	8685.0	η up (%)	0.0	Power(W)	59.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	8685.0	EEI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.20

Test Set: 5.0 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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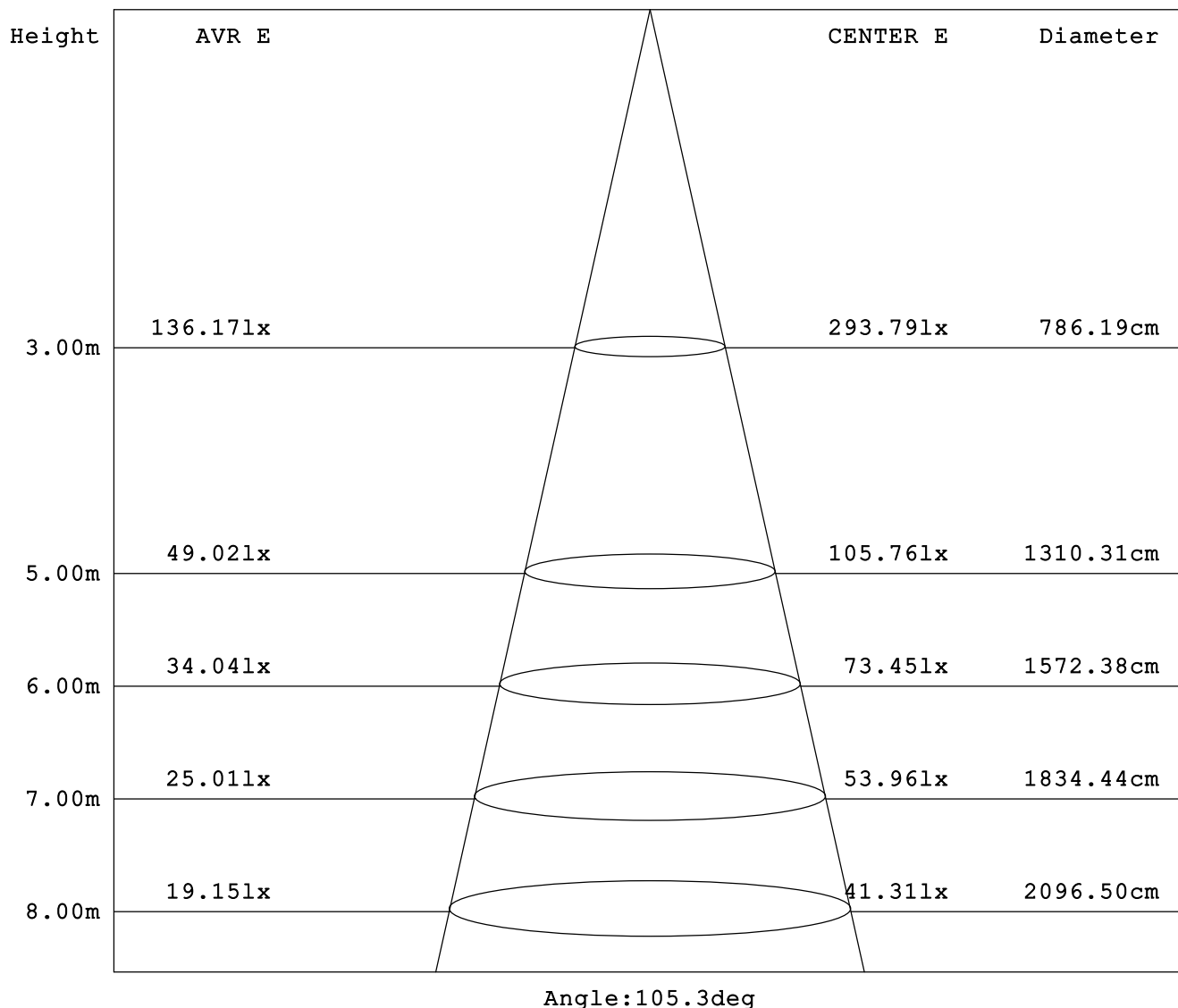
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2643	2650	2683	2679	2666	2678	2660	2648	0- 5	63.58	63.58
10.0	2668	2685	2742	2628	2521	2595	2694	2681	5- 10	190.4	254.0
15.0	2739	2763	2798	2473	2201	2336	2750	2755	10- 15	312.4	566.4
20.0	2870	2916	2848	2205	1856	2009	2804	2883	15- 20	425.2	991.7
25.0	3102	3182	2896	1882	1514	1673	2859	3079	20- 25	531.0	1523
30.0	3489	3632	2917	1545	1273	1335	2914	3363	25- 30	638.7	2162
35.0	4369	4334	2912	1216	1213	1146	2945	3767	30- 35	767.3	2929
40.0	5619	5381	2707	948.9	1074	1029	2879	4170	35- 40	929.3	3858
45.0	6305	6051	2436	775.6	947.7	839.6	2619	4443	40- 45	1074	4932
50.0	6028	5810	1977	603.1	877.3	726.9	2263	4169	45- 50	1121	6053
55.0	4000	4513	1298	475.5	753.5	640.9	1757	3363	50- 55	990.0	7043
60.0	1468	2609	566.5	386.0	621.5	522.5	1072	2468	55- 60	690.5	7734
65.0	792.1	1347	219.9	296.2	487.2	403.1	329.1	1682	60- 65	450.7	8185
70.0	524.0	595.0	147.1	196.5	321.3	273.3	188.2	844.1	65- 70	276.3	8461
75.0	275.8	193.7	86.27	99.37	182.6	150.5	117.5	185.2	70- 75	136.3	8597
80.0	119.6	79.17	40.47	37.63	67.22	56.89	63.96	88.23	75- 80	60.50	8658
85.0	27.82	24.52	12.84	8.811	11.28	10.46	22.32	27.06	80- 85	22.15	8680
90.0	3.220	3.669	2.867	2.637	3.813	2.572	4.721	5.842	85- 90	5.093	8685
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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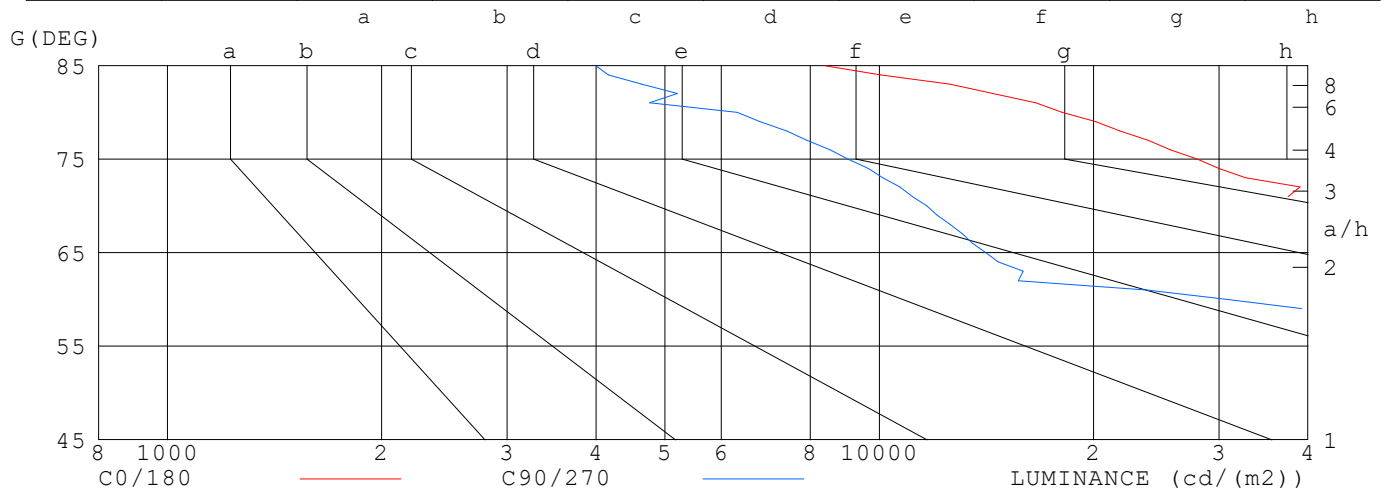
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N6040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	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	8372	3996
80	18071	6318
75	27956	9036
70	40182	11660
65	49157	14108
60	77013	30718
55	182909	61326
50	245961	83363
45	233856	93402

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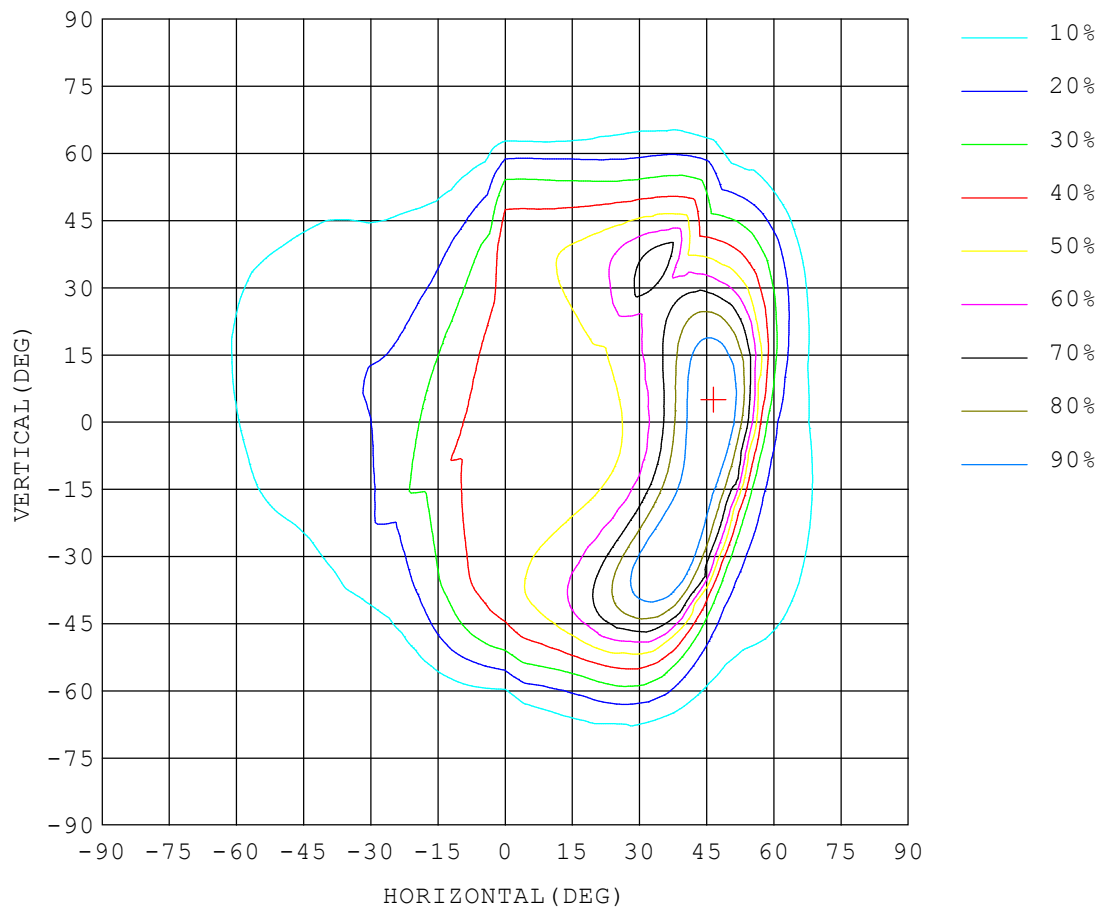
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ISOCANDELA DIAGRAM

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UNIT: cd



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