

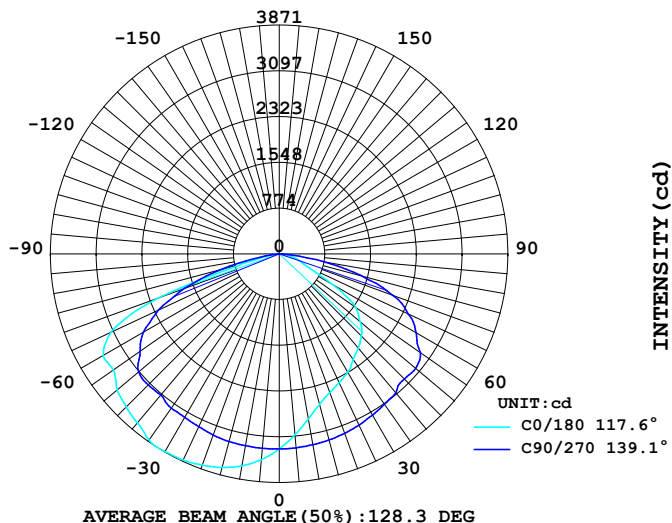
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

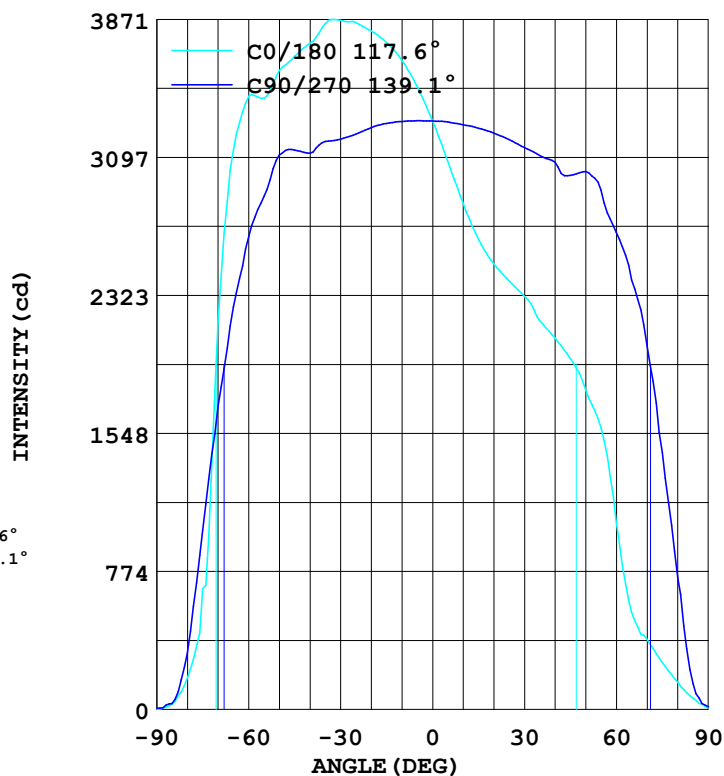
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3871	S/MH (C0/180)	1.70
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.48
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	12345	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.7	Current(A)	0.351
NOMINAL FLUX(lm)	12344.6	η up (%)	0.0	Power(W)	79.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	12344.6	EEL	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.22

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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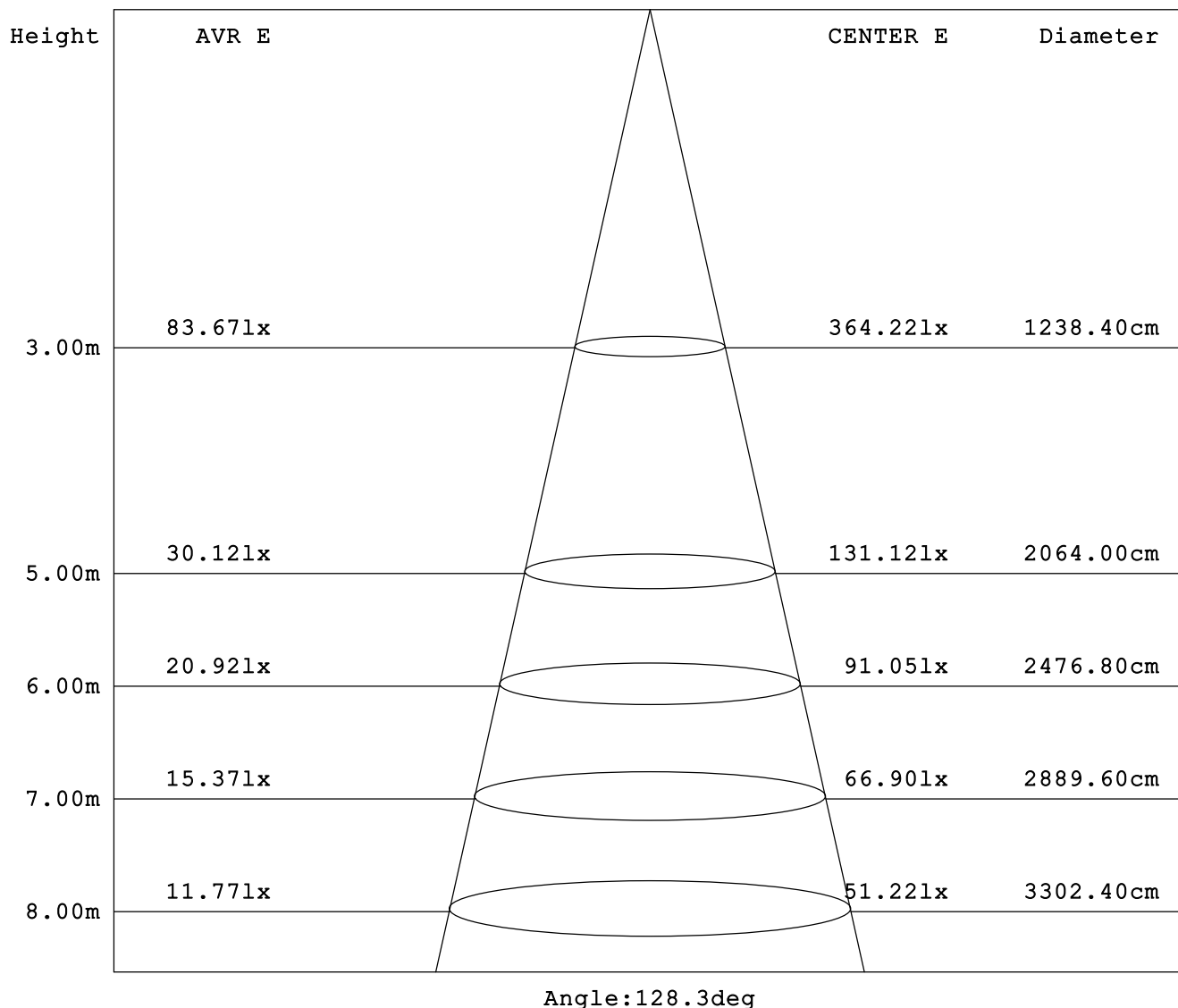
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AVERAGE AND CENTER E Figure

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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	3495	3437	3302	3426	3072	3144	3295	3158	0- 5	78.80	78.80
10.0	3641	3552	3298	3524	2840	2974	3280	3011	5- 10	234.4	313.2
15.0	3740	3630	3287	3598	2637	2809	3261	2873	10- 15	384.9	698.1
20.0	3806	3675	3264	3637	2501	2679	3232	2763	15- 20	528.7	1227
25.0	3852	3685	3228	3643	2405	2568	3197	2658	20- 25	664.9	1892
30.0	3865	3682	3199	3624	2317	2455	3152	2545	25- 30	791.6	2684
35.0	3847	3679	3186	3601	2181	2341	3106	2425	30- 35	906.4	3590
40.0	3737	3714	3120	3595	2083	2213	3069	2285	35- 40	1004	4594
45.0	3664	3750	3138	3656	1967	2030	2996	2093	40- 45	1085	5679
50.0	3582	3703	3108	3680	1792	1833	3017	1851	45- 50	1157	6837
55.0	3428	3412	2880	3360	1582	1612	2915	1633	50- 55	1185	8022
60.0	3439	3244	2652	3098	1051	1364	2676	1364	55- 60	1151	9173
65.0	3137	3118	2259	2955	544.3	1074	2409	1050	60- 65	1081	10255
70.0	2175	3151	1700	2976	393.7	764.4	2042	713.8	65- 70	951.7	11206
75.0	675.1	2254	1005	2547	263.8	343.7	1442	259.4	70- 75	692.6	11899
80.0	175.8	629.3	315.8	953.9	153.1	155.1	740.0	129.6	75- 80	334.9	12234
85.0	29.98	74.49	32.33	130.4	64.26	61.82	143.9	51.17	80- 85	95.11	12329
90.0	2.560	6.098	7.823	3.377	8.999	8.651	15.18	9.120	85- 90	15.62	12345
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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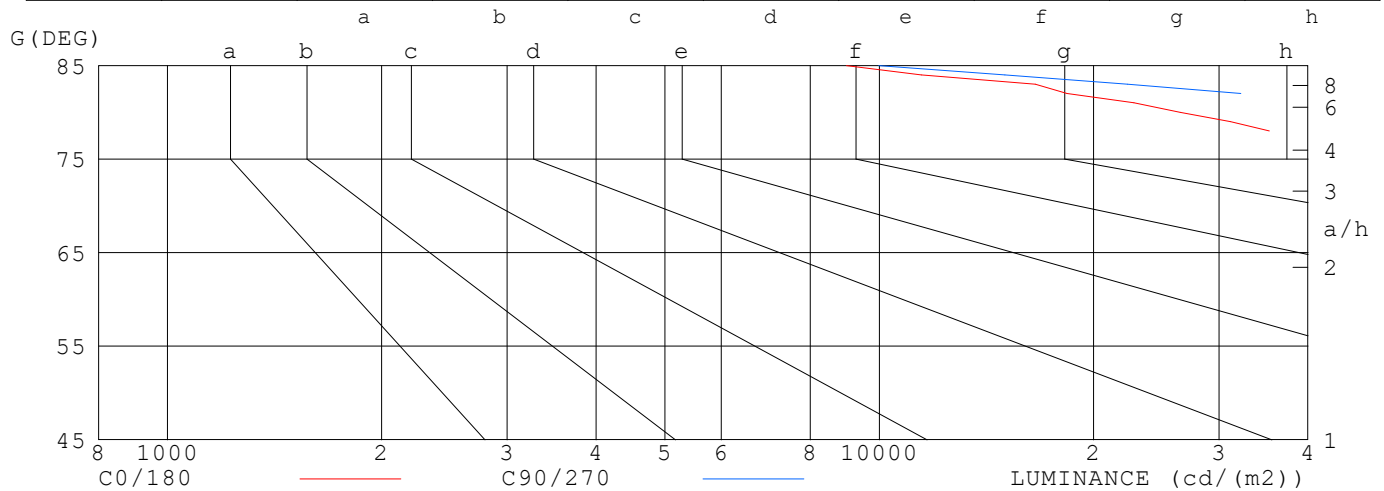
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	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	8991	9983
80	26463	48952
75	68174	104521
70	166211	133749
65	193977	143804
60	179738	142740
55	156186	135107
50	145665	130112
45	135413	119421

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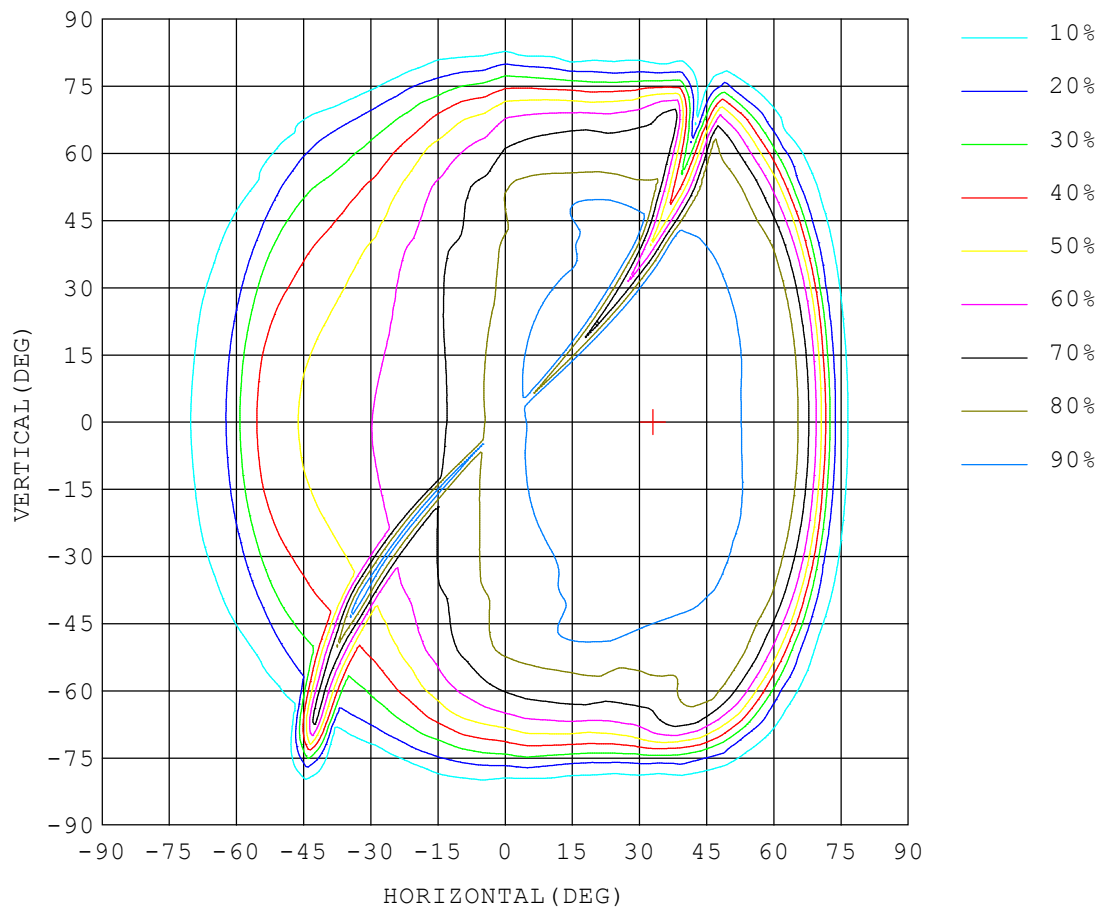
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ISOCANDELA DIAGRAM

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UNIT: cd



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