

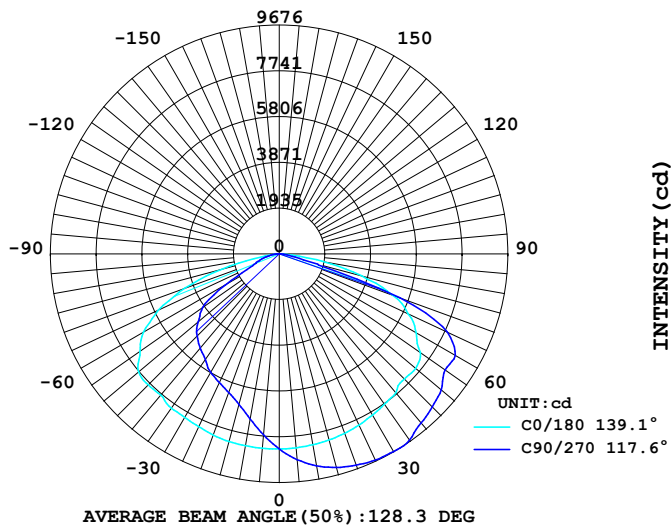
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

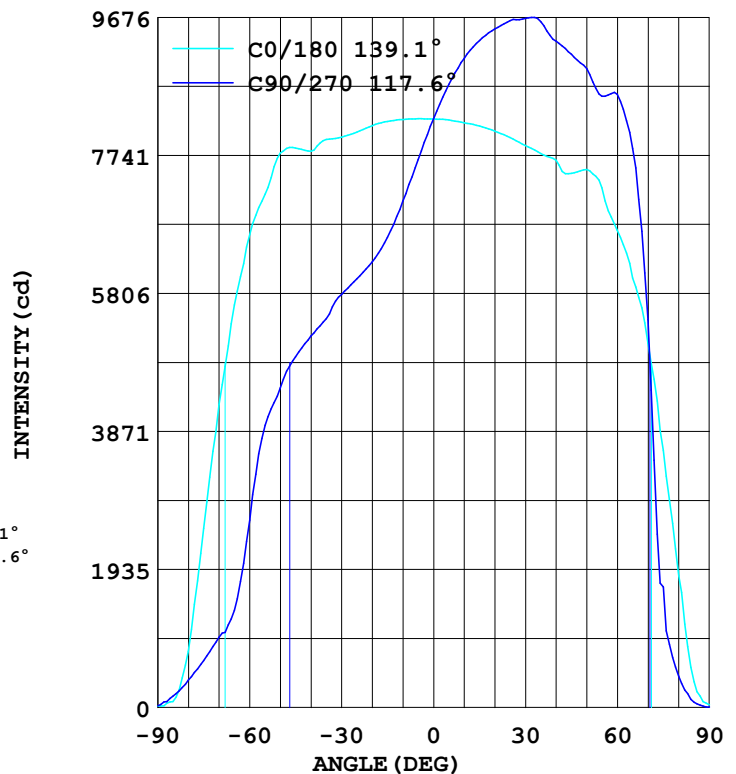
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	9676	S/MH (C0/180)	1.48
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	30858	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.4	Current(A)	0.879
NOMINAL FLUX(lm)	30858.0	η up (%)	0.0	Power(W)	199.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	30858.0	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

Report number:

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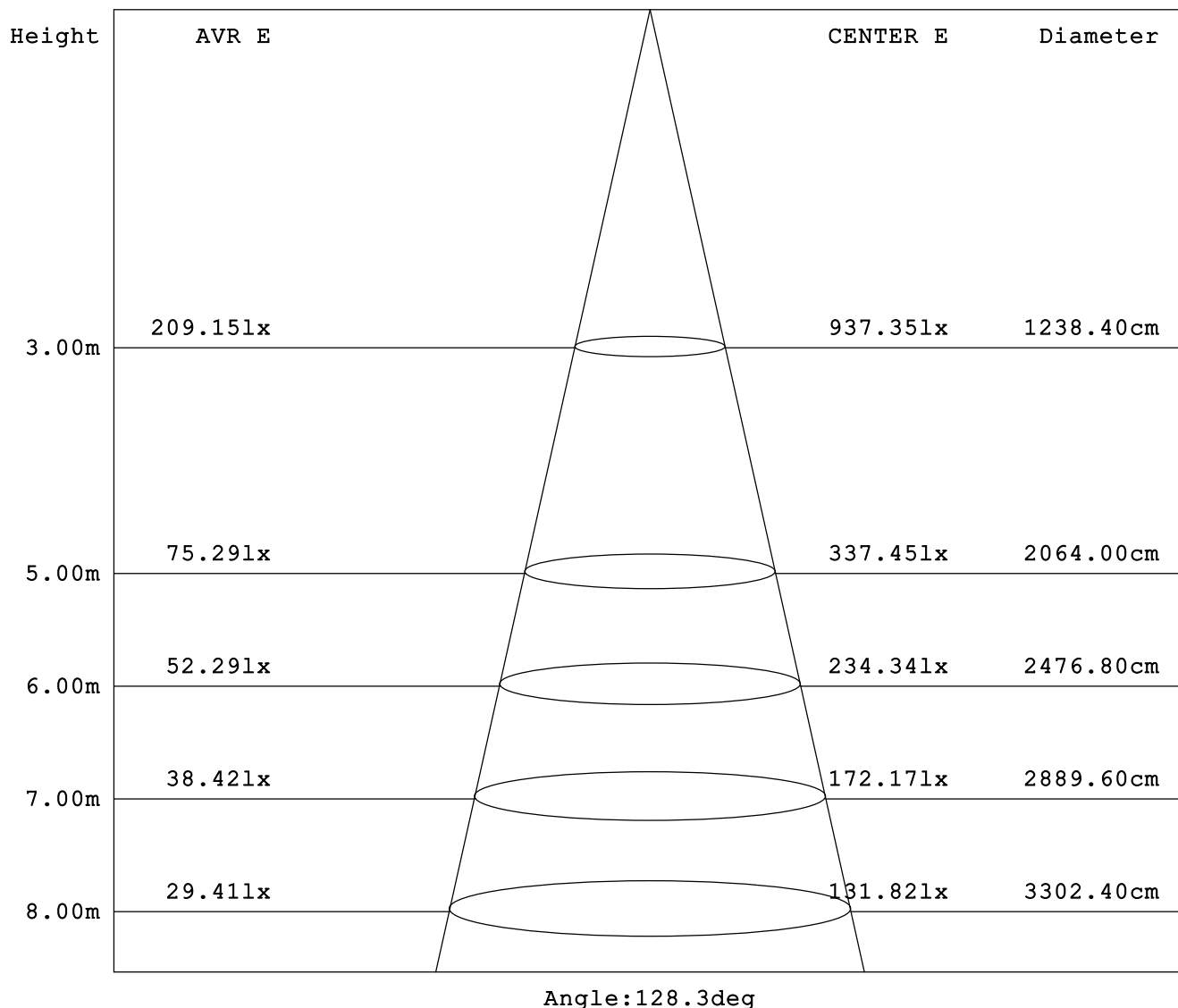
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Operators:
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AVERAGE AND CENTER E Figure

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SPECIFICATION:2835LED、4000K、type4	DIMENSION:	SERIAL No.:



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Temperature:25.3DEG
Operators:
Test Date:2024.11.22

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	8255	8564	7680	7860	8236	7894	8736	8592	0- 5	196.9	196.9
10.0	8244	8808	7100	7435	8199	7527	9101	8878	5- 10	585.9	782.9
15.0	8217	8994	6592	7023	8151	7183	9350	9075	10- 15	962.3	1745
20.0	8159	9091	6252	6697	8080	6907	9514	9186	15- 20	1322	3067
25.0	8068	9107	6011	6420	7991	6645	9628	9211	20- 25	1662	4729
30.0	7997	9059	5793	6138	7878	6361	9661	9205	25- 30	1979	6708
35.0	7964	9000	5452	5853	7765	6061	9615	9196	30- 35	2266	8974
40.0	7800	8986	5208	5533	7671	5711	9342	9283	35- 40	2510	11484
45.0	7845	9139	4917	5075	7489	5232	9158	9373	40- 45	2712	14196
50.0	7769	9199	4479	4581	7541	4628	8955	9257	45- 50	2893	17089
55.0	7199	8399	3955	4029	7286	4082	8568	8529	50- 55	2963	20053
60.0	6630	7744	2627	3409	6690	3409	8595	8110	55- 60	2878	22930
65.0	5646	7386	1361	2685	6023	2624	7841	7793	60- 65	2703	25634
70.0	4250	7440	984.2	1911	5105	1785	5437	7878	65- 70	2379	28013
75.0	2513	6366	659.6	859.2	3603	648.5	1688	5634	70- 75	1731	29744
80.0	789.6	2385	382.8	387.7	1850	324.1	439.5	1573	75- 80	837.1	30581
85.0	80.82	326.0	160.6	154.5	359.8	127.9	74.94	186.2	80- 85	237.7	30819
90.0	19.55	8.441	22.49	21.62	37.96	22.79	6.401	15.24	85- 90	39.05	30858
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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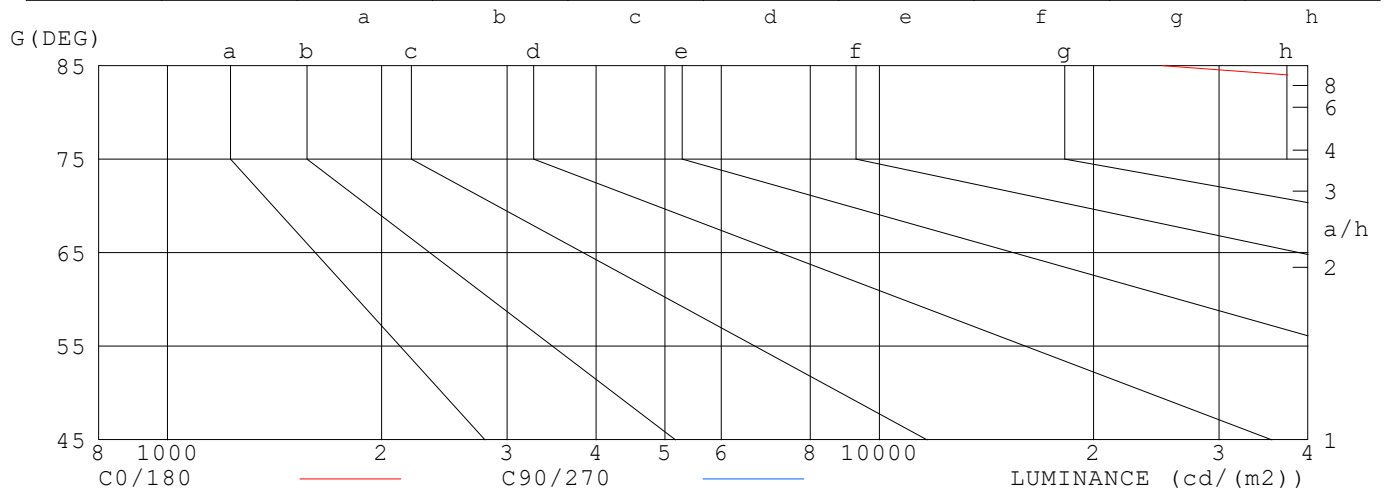
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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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	24954	48175
80	122365	57628
75	261274	66610
70	334335	75210
65	359469	84153
60	356810	137334
55	337729	180230
50	325244	182103
45	298519	181758

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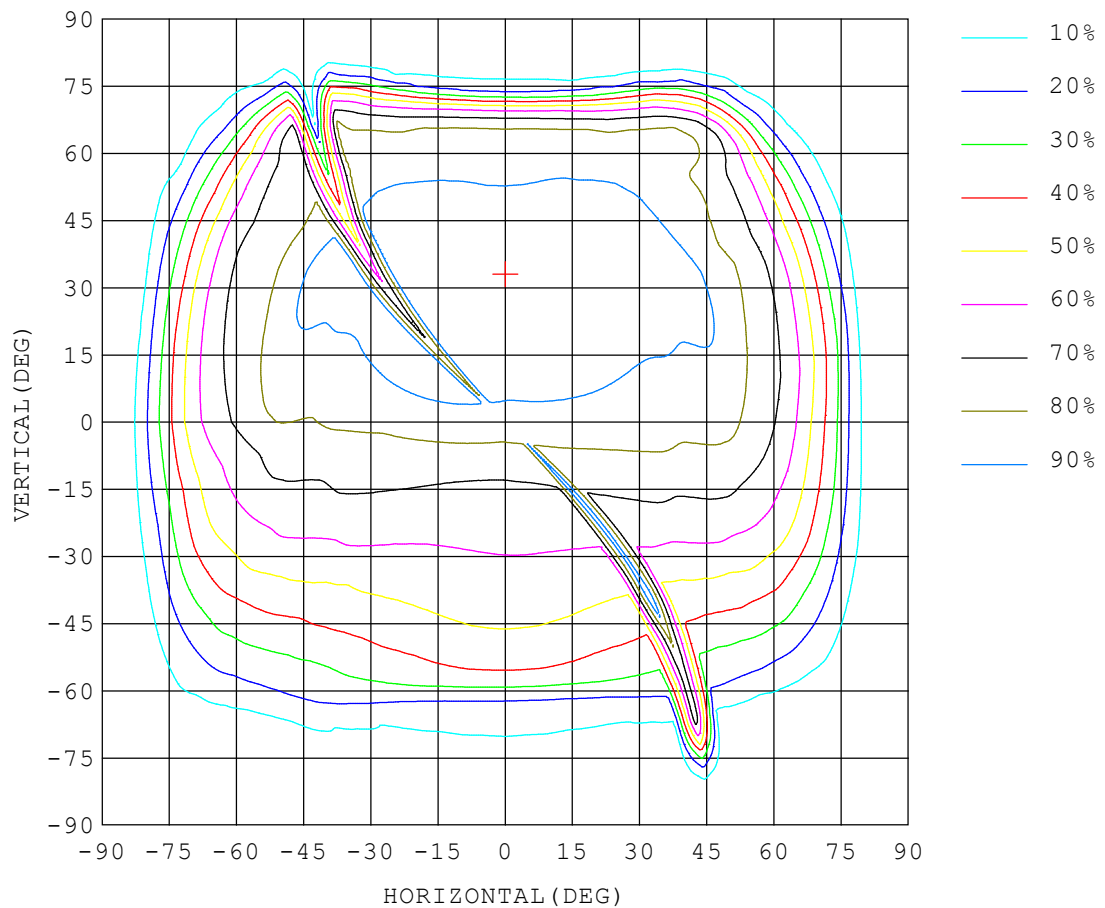
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

UNIT: cd



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