

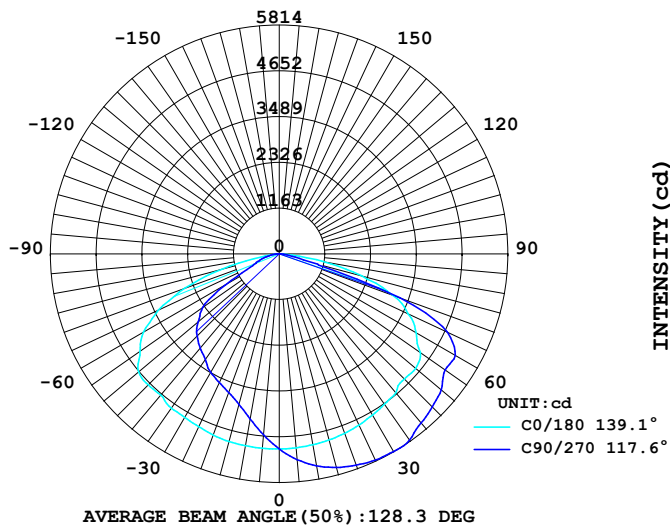
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

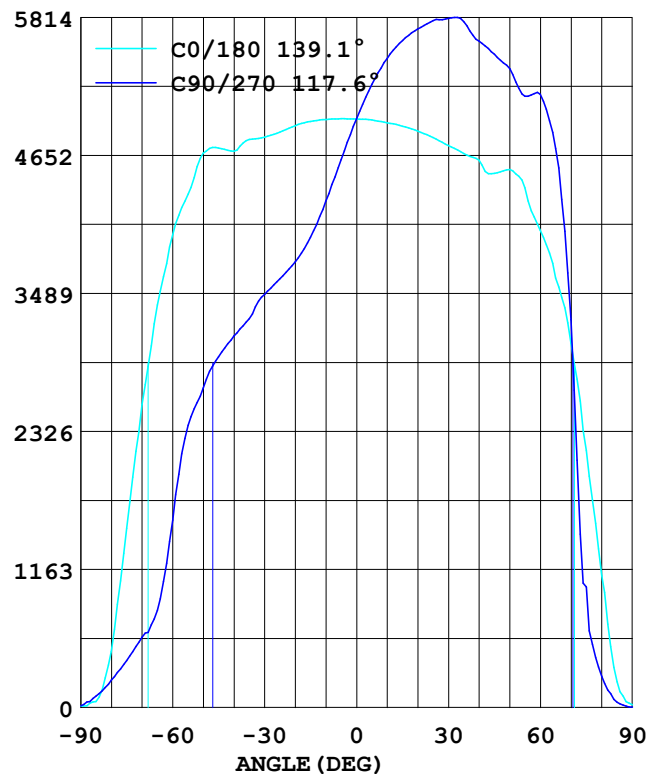
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5814	S/MH (C0/180)	1.48
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18542	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.8	Current(A)	0.527
NOMINAL FLUX(lm)	18542.0	η up (%)	0.0	Power(W)	119.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	18542.0	EEI	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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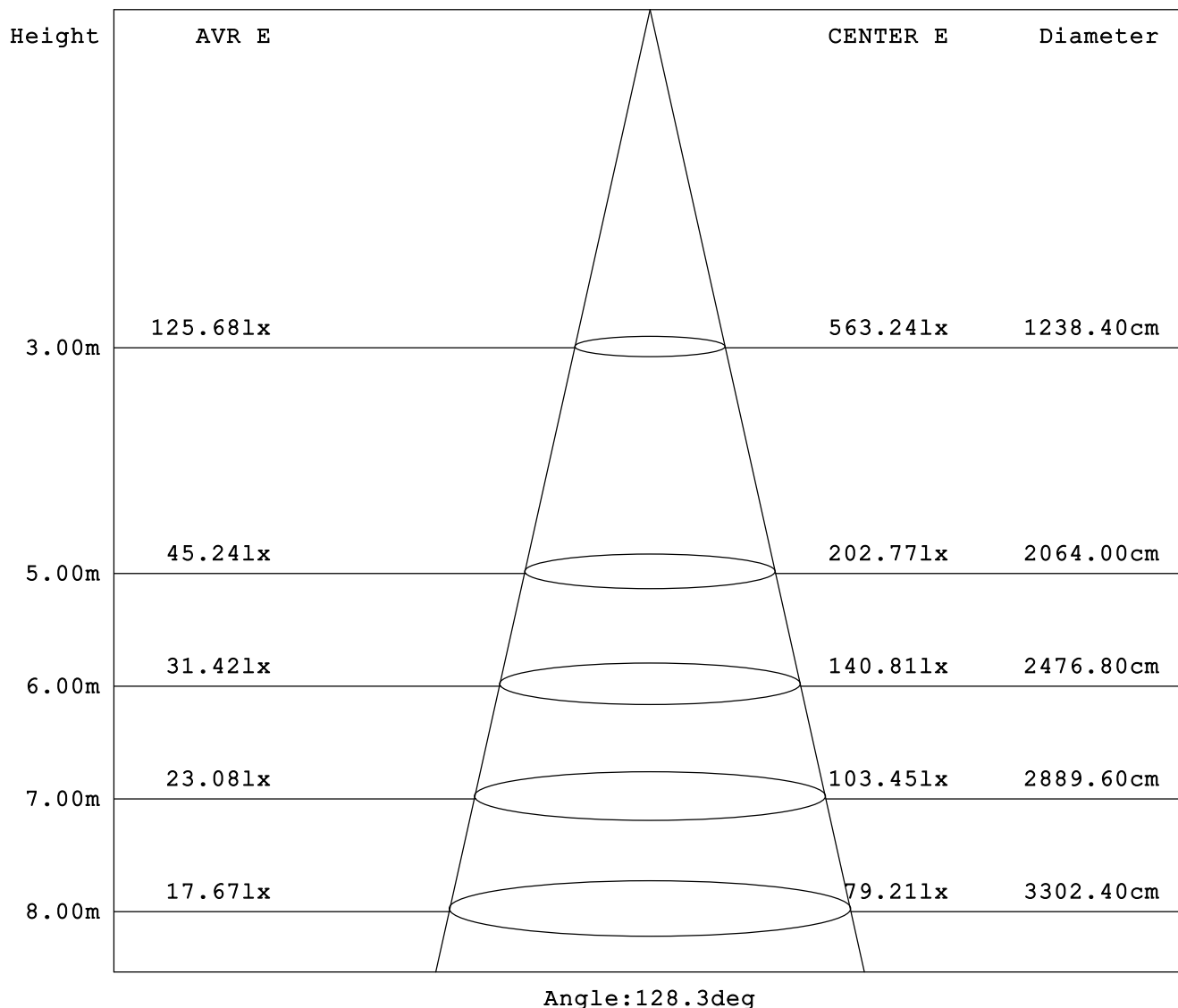
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4960	5146	4615	4723	4949	4743	5249	5163	0- 5	118.3	118.3
10.0	4954	5293	4266	4467	4926	4523	5468	5335	5- 10	352.1	470.4
15.0	4938	5404	3961	4220	4897	4316	5618	5453	10- 15	578.2	1049
20.0	4903	5463	3757	4024	4855	4151	5717	5520	15- 20	794.2	1843
25.0	4848	5472	3612	3858	4802	3993	5785	5535	20- 25	998.8	2842
30.0	4805	5444	3481	3688	4734	3822	5805	5531	25- 30	1189	4031
35.0	4785	5408	3276	3517	4666	3642	5778	5526	30- 35	1362	5392
40.0	4687	5400	3129	3325	4609	3432	5613	5578	35- 40	1508	6901
45.0	4714	5491	2955	3049	4500	3144	5503	5632	40- 45	1630	8530
50.0	4668	5527	2691	2753	4531	2781	5381	5562	45- 50	1739	10269
55.0	4326	5047	2377	2421	4378	2453	5148	5125	50- 55	1781	12049
60.0	3984	4653	1579	2049	4020	2049	5165	4873	55- 60	1729	13779
65.0	3392	4438	817.6	1614	3619	1577	4711	4683	60- 65	1624	15403
70.0	2553	4471	591.3	1148	3067	1072	3267	4733	65- 70	1430	16832
75.0	1510	3825	396.3	516.3	2165	389.6	1014	3385	70- 75	1040	17873
80.0	474.4	1433	230.0	233.0	1112	194.7	264.0	945.2	75- 80	503.0	18376
85.0	48.56	195.9	96.53	92.86	216.2	76.86	45.03	111.8	80- 85	142.8	18519
90.0	11.75	5.072	13.51	12.99	22.81	13.69	3.846	9.159	85- 90	23.46	18542
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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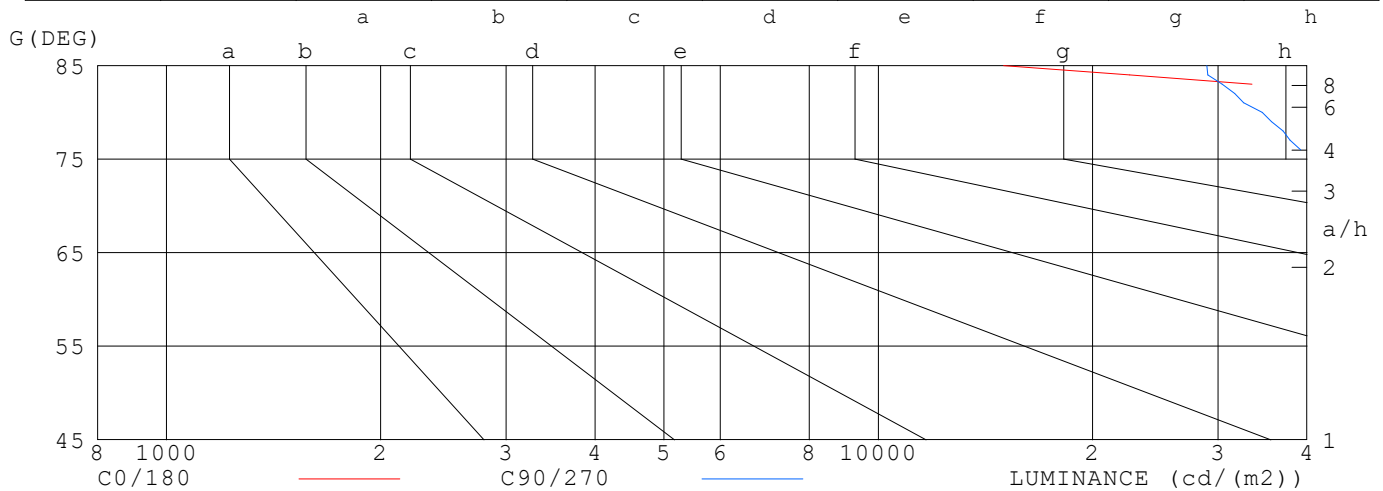
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N12040-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	14994	28947
80	73527	34628
75	156995	40025
70	200896	45192
65	215998	50566
60	214401	82521
55	202935	108297
50	195433	109422
45	179375	109215

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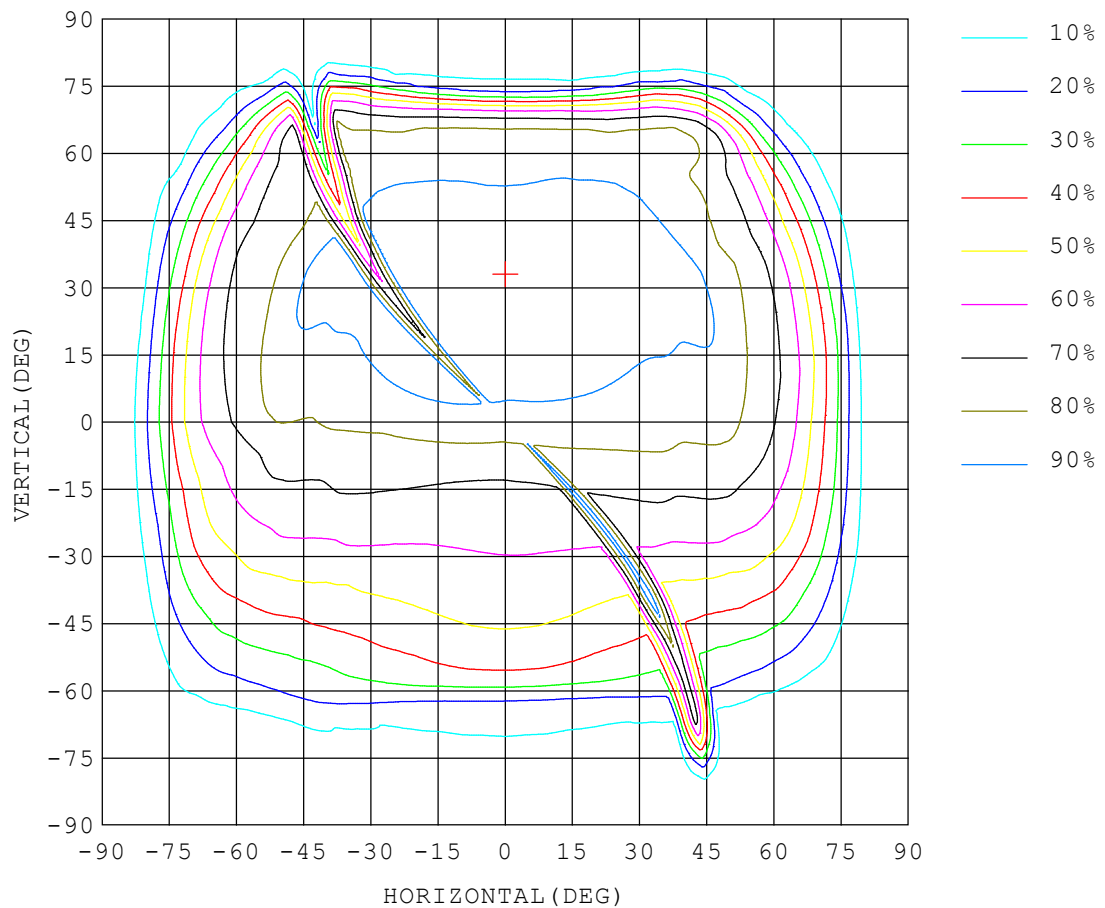
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ISOCANDELA DIAGRAM

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UNIT: cd



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