

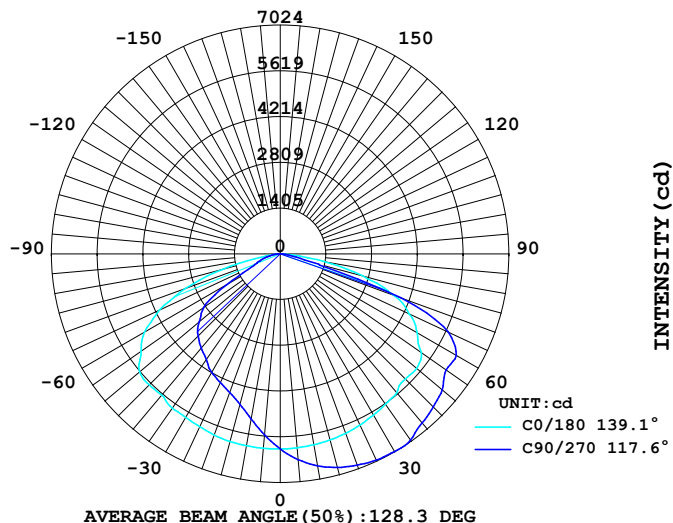
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

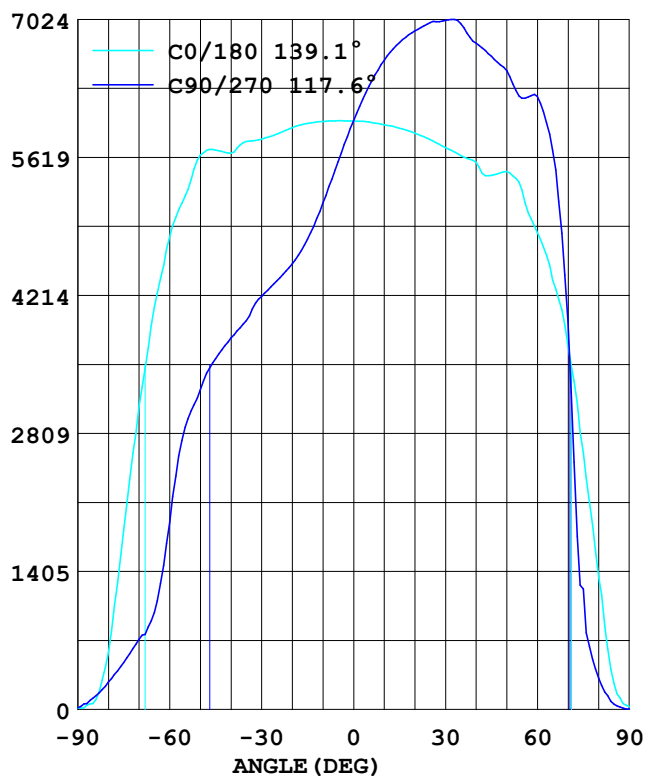
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	7024	S/MH (C0/180)	1.48
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22398	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.5	Current(A)	0.659
NOMINAL FLUX(lm)	22398.0	η up (%)	0.0	Power(W)	149.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	22398.1	EEI	0.100

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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NAME: Klose	TYPE:IL-FL19-N15040-TY4	WEIGHT:
SPECIFICATION:2835LED、4000K、type4	DIMENSION:	SERIAL No.:

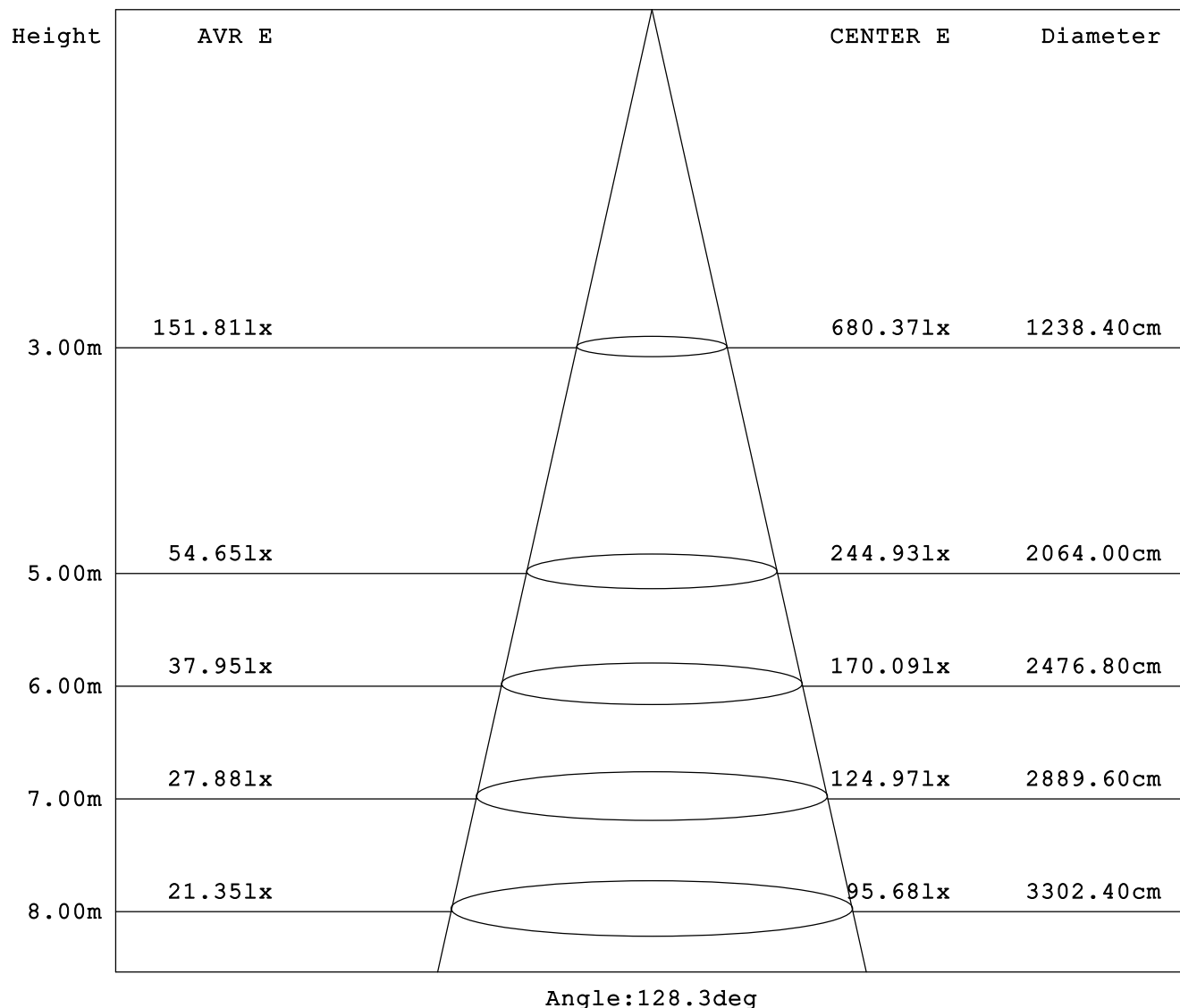
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Temperature:25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5991	6216	5575	5705	5978	5730	6341	6236	0- 5	142.9	142.9
10.0	5984	6393	5153	5397	5951	5464	6606	6444	5- 10	425.3	568.3
15.0	5964	6528	4785	5097	5916	5213	6787	6587	10- 15	698.4	1267
20.0	5922	6599	4538	4861	5865	5014	6906	6667	15- 20	959.4	2226
25.0	5856	6610	4363	4660	5800	4823	6988	6686	20- 25	1207	3433
30.0	5805	6576	4205	4455	5718	4617	7013	6681	25- 30	1436	4869
35.0	5780	6533	3957	4248	5636	4399	6979	6675	30- 35	1645	6514
40.0	5661	6523	3780	4016	5568	4145	6781	6738	35- 40	1822	8336
45.0	5694	6633	3569	3683	5436	3798	6647	6803	40- 45	1968	10304
50.0	5639	6677	3251	3325	5473	3359	6500	6719	45- 50	2100	12404
55.0	5225	6097	2871	2925	5289	2963	6219	6191	50- 55	2151	14555
60.0	4812	5621	1907	2475	4856	2475	6239	5886	55- 60	2089	16644
65.0	4098	5361	987.6	1949	4372	1904	5691	5656	60- 65	1962	18606
70.0	3084	5400	714.3	1387	3705	1295	3946	5718	65- 70	1727	20333
75.0	1824	4621	478.7	623.6	2616	470.7	1225	4089	70- 75	1257	21589
80.0	573.1	1731	277.9	281.4	1343	235.2	319.0	1142	75- 80	607.6	22197
85.0	58.66	236.6	116.6	112.1	261.2	92.84	54.40	135.1	80- 85	172.5	22370
90.0	14.19	6.127	16.32	15.69	27.55	16.54	4.646	11.06	85- 90	28.34	22398
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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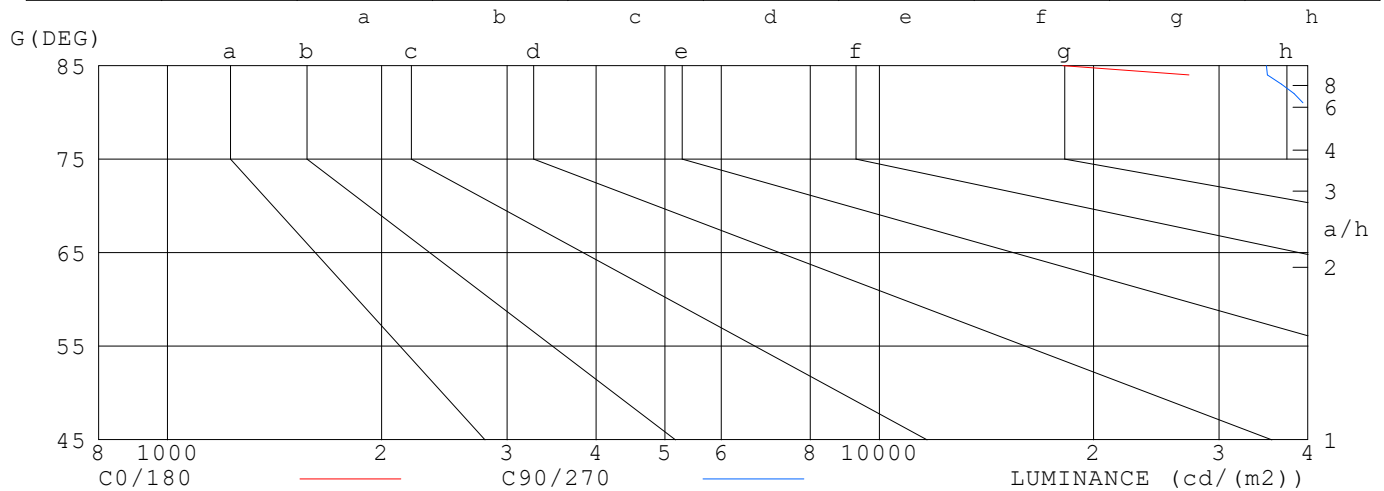
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-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	18113	34967
80	88818	41829
75	189643	48348
70	242674	54591
65	260917	61082
60	258987	99683
55	245138	130818
50	236075	132178
45	216677	131928

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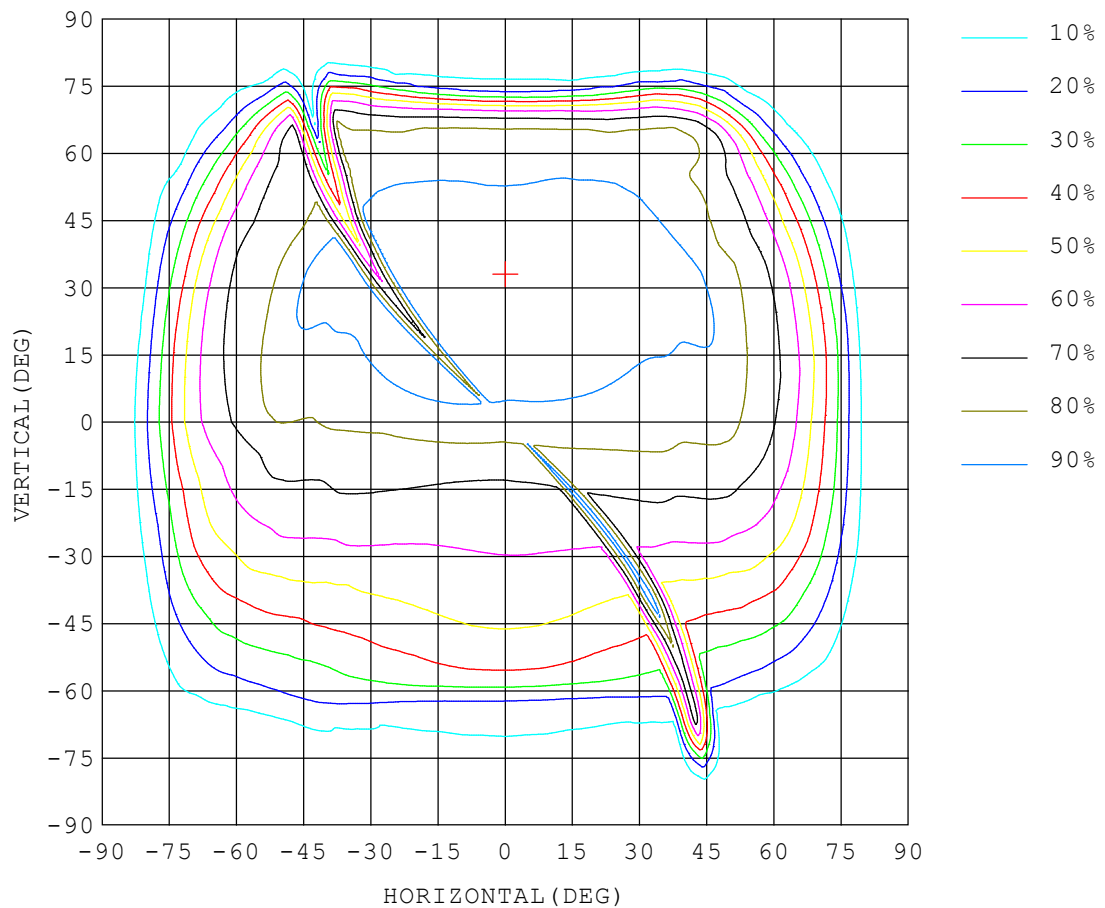
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ISOCANDELA DIAGRAM

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

UNIT: cd



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