

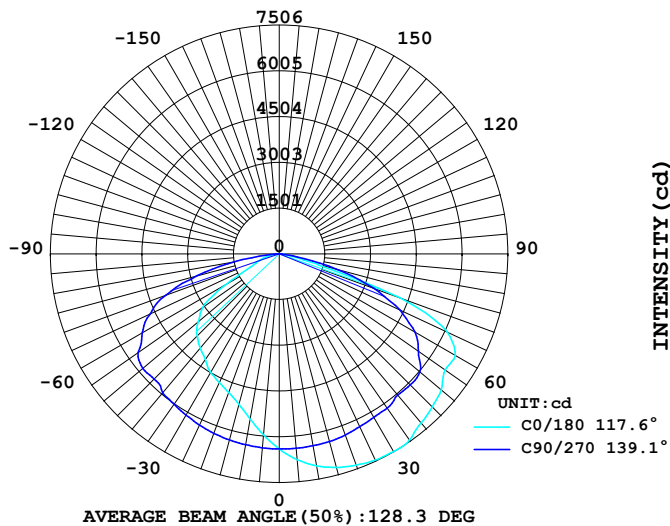
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

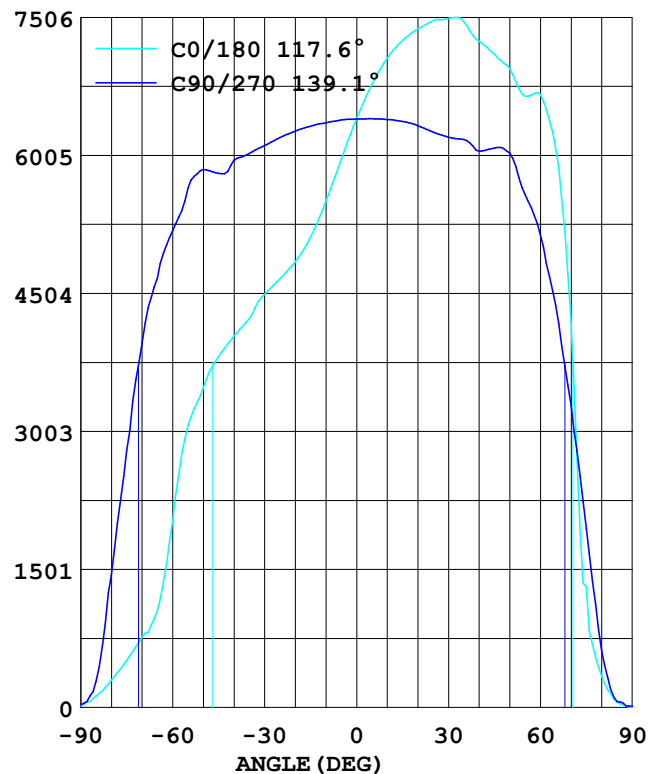
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	7506	S/MH (C0/180)	1.04
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.45
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	23938	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.659
NOMINAL FLUX(lm)	23938.0	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)	23938.0	EEI	0.094

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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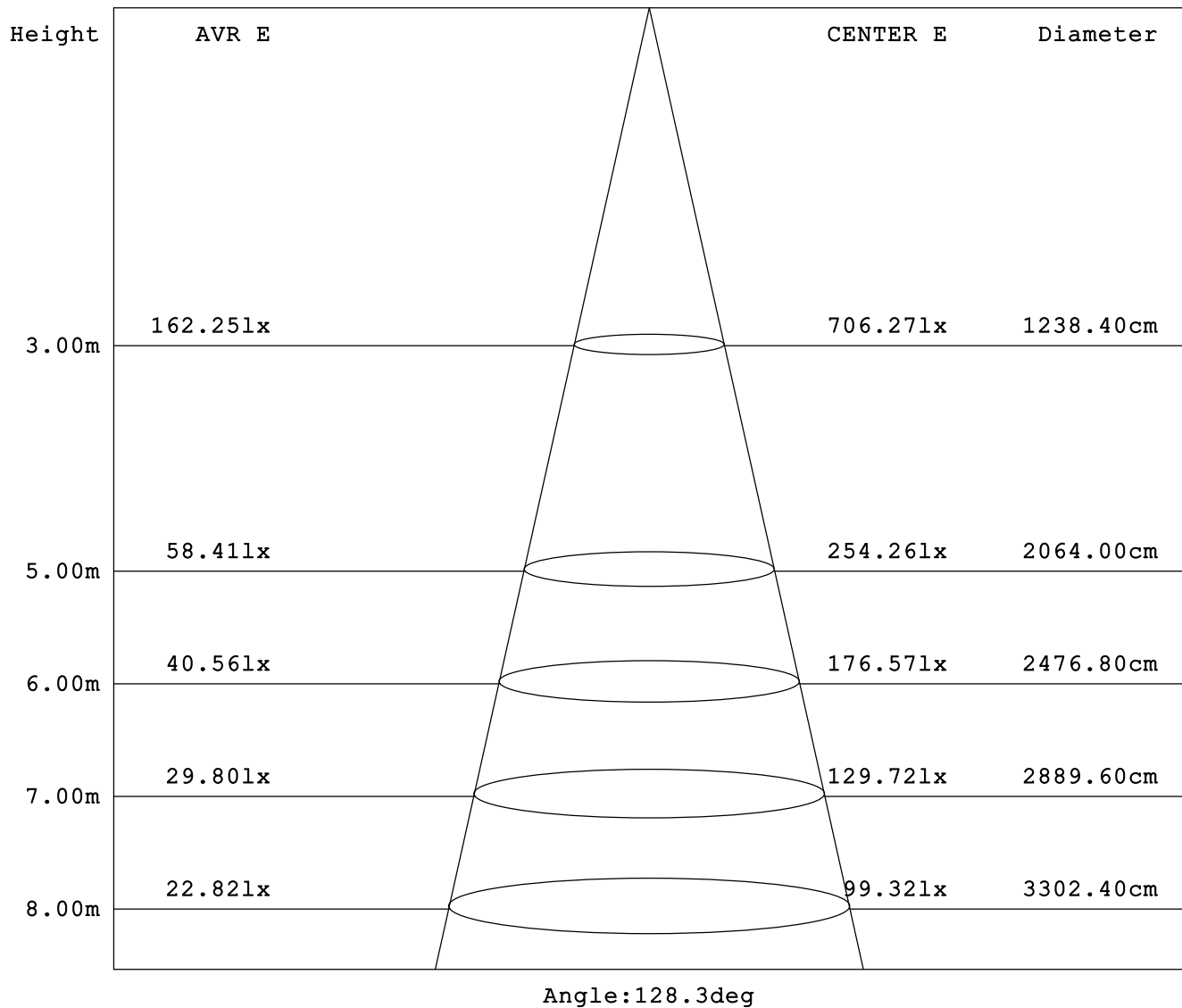
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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	5958	6097	6389	6124	6777	6665	6403	6644	0- 5	152.8	152.8
10.0	5508	5768	6360	5839	7060	6887	6395	6833	5- 10	454.5	607.3
15.0	5114	5448	6323	5572	7253	7040	6375	6977	10- 15	746.5	1354
20.0	4850	5195	6268	5358	7381	7126	6330	7053	15- 20	1025	2379
25.0	4663	4980	6199	5155	7469	7146	6259	7065	20- 25	1289	3669
30.0	4494	4761	6111	4935	7495	7140	6204	7028	25- 30	1535	5204
35.0	4229	4540	6024	4702	7459	7134	6178	6982	30- 35	1758	6962
40.0	4040	4292	5951	4430	7247	7201	6051	6971	35- 40	1947	8909
45.0	3815	3937	5809	4059	7104	7271	6085	7090	40- 45	2104	11013
50.0	3474	3554	5850	3590	6947	7181	6027	7136	45- 50	2245	13257
55.0	3068	3126	5652	3166	6647	6616	5585	6516	50- 55	2299	15556
60.0	2038	2645	5190	2645	6668	6291	5143	6007	55- 60	2232	17788
65.0	1056	2083	4672	2035	6082	6045	4380	5730	60- 65	2097	19885
70.0	763.5	1482	3960	1384	4218	6111	3297	5772	65- 70	1846	21731
75.0	511.7	666.5	2795	503.0	1309	4370	1949	4938	70- 75	1343	23074
80.0	297.0	300.8	1435	251.4	340.9	1220	612.5	1850	75- 80	649.4	23723
85.0	124.6	119.8	279.1	99.23	58.14	144.4	62.69	252.9	80- 85	184.4	23908
90.0	17.45	16.77	29.45	17.68	4.965	11.82	15.17	6.548	85- 90	30.29	23938
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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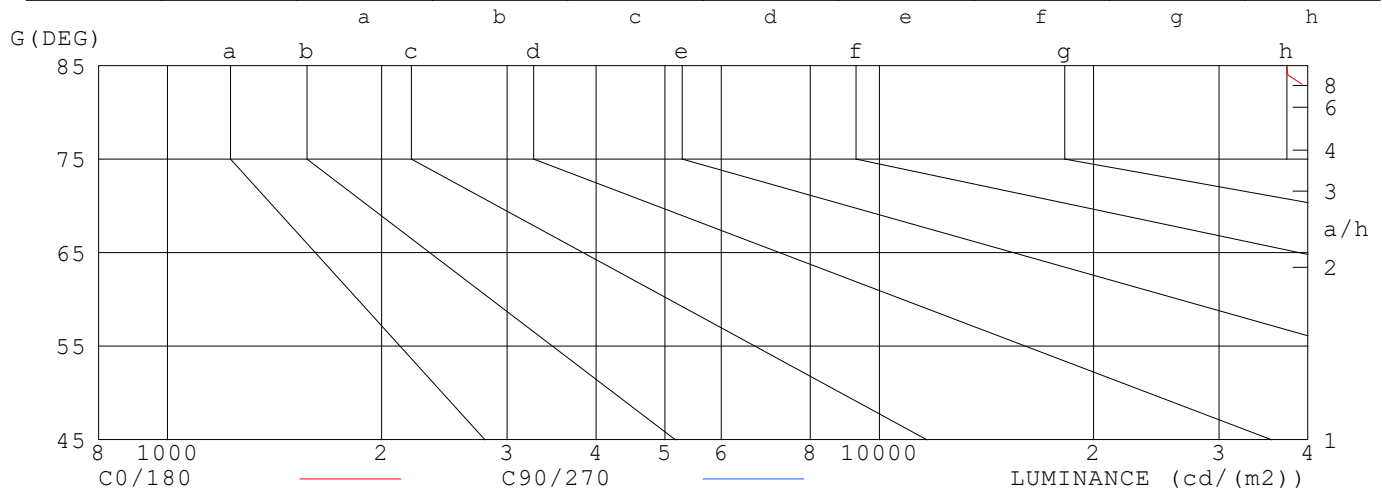
LUMINANCE LIMITATION CURVES

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	37371	86193
80	44705	222386
75	51672	290628
70	58344	311547
65	65282	297494
60	106536	279286
55	139813	265167
50	141266	244884
45	140998	221073

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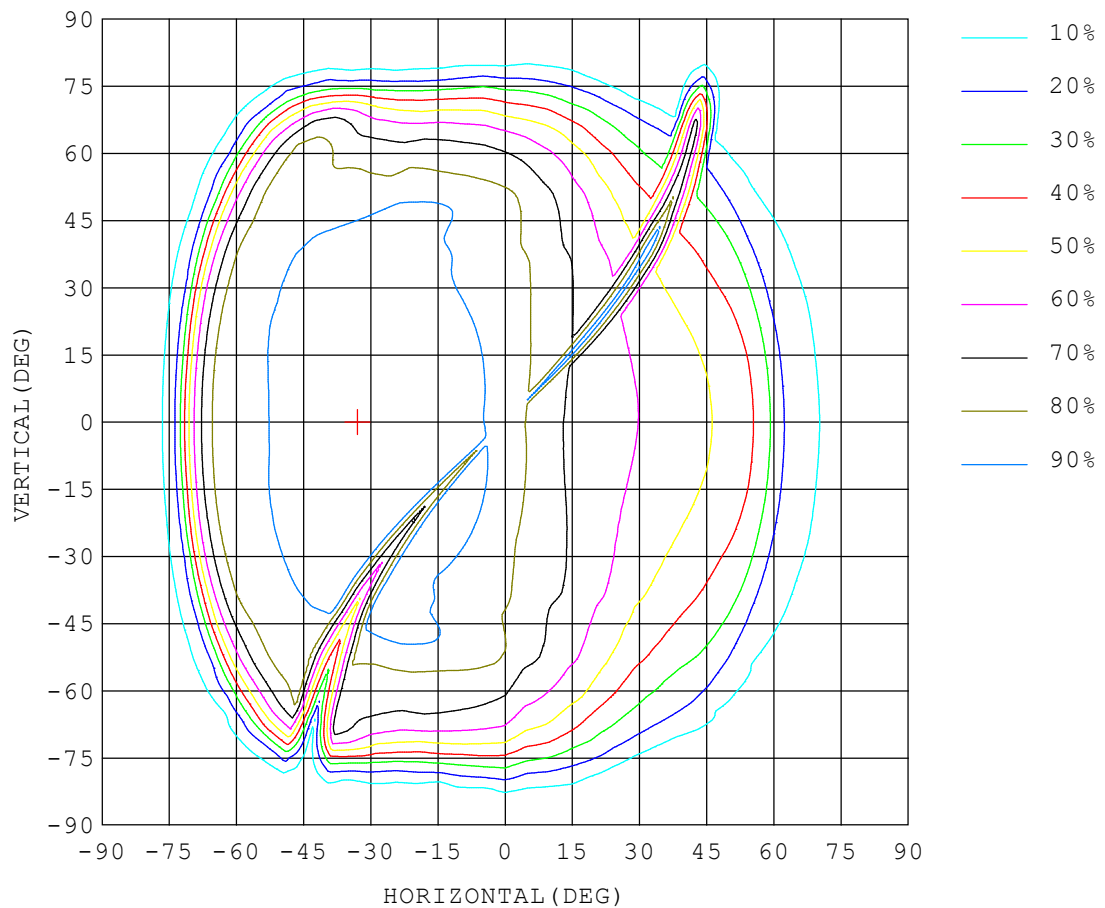
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ISOCANDELA DIAGRAM

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UNIT: cd



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