

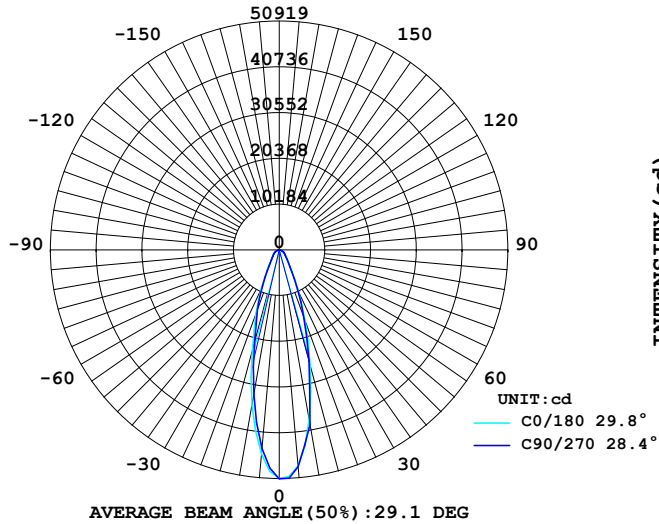
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

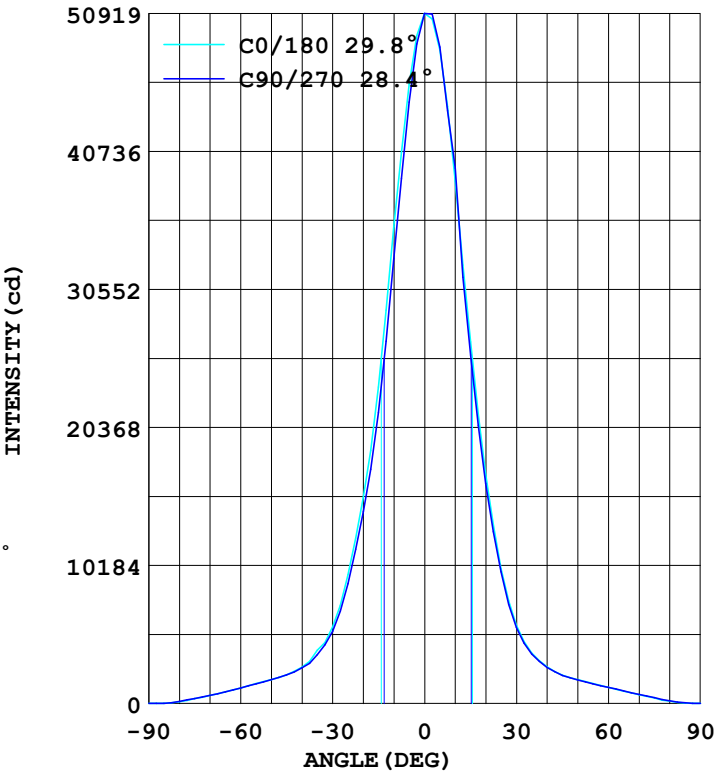
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	51051	S/MH (C0/180)	0.47
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.44
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22509	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.6	Current(A)	0.673
NOMINAL FLUX(lm)	22509.5	η up (%)	0.0	Power(W)	150.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	22509.5	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.19

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

Report number:

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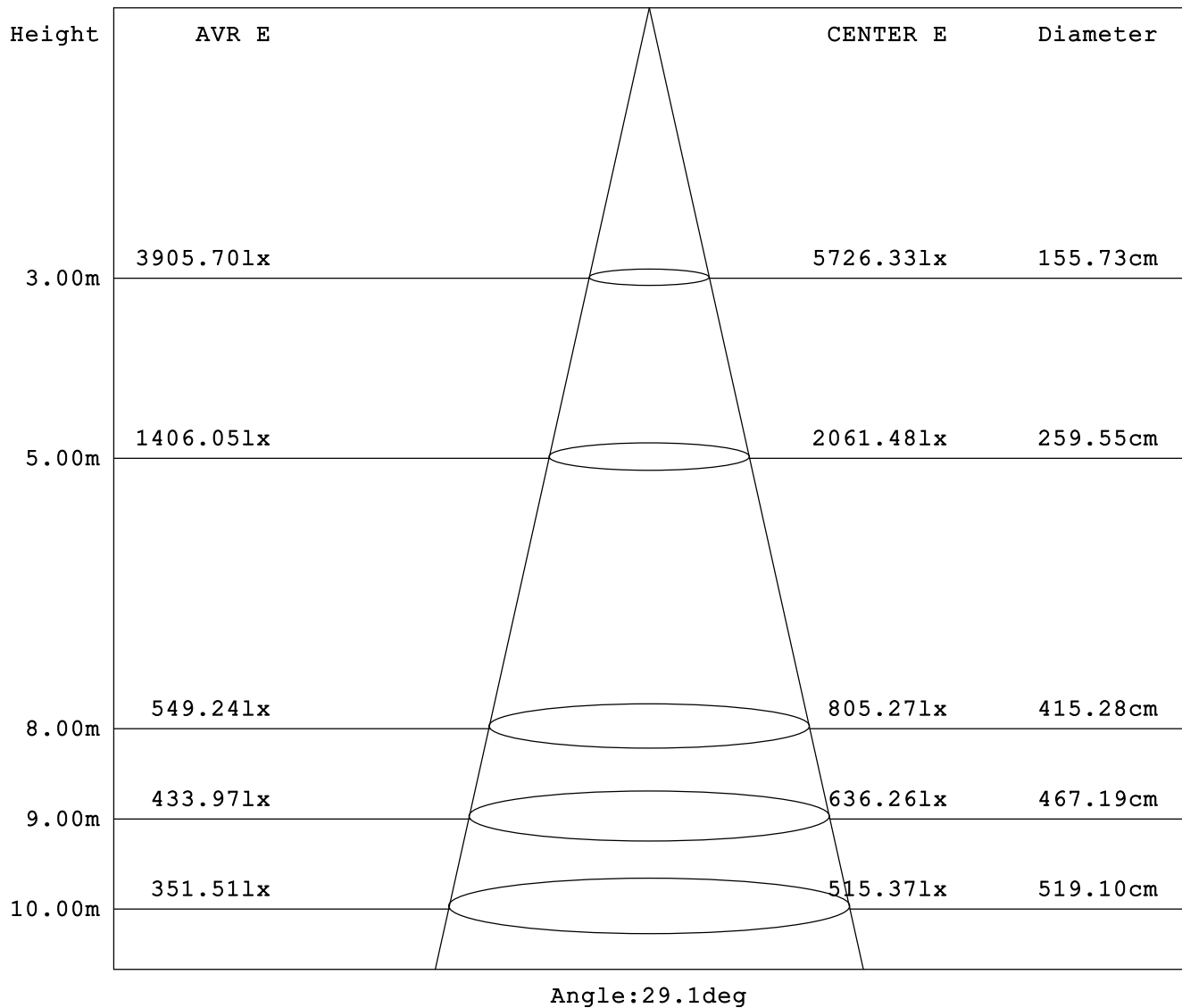
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Operators:
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AVERAGE AND CENTER E Figure

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4566	4458	4437	4594	4822	4890	4843	4724	0- 5	1166	1166
10.0	3519	3353	3281	3550	3852	3895	3949	3640	5- 10	2949	4115
15.0	2335	2204	2145	2379	2669	2696	2571	2461	10- 15	3523	7638
20.0	1525	1456	1416	1564	1692	1712	1623	1572	15- 20	3231	10870
25.0	949.9	973.4	884.4	1009	996.1	1086	973.0	1029	20- 25	2655	13524
30.0	566.3	620.8	532.5	607.9	578.2	648.0	559.8	639.9	25- 30	1992	15517
35.0	394.0	404.7	359.1	399.5	372.9	403.8	363.8	406.3	30- 35	1436	16953
40.0	268.0	288.7	262.9	280.5	269.8	286.6	266.7	289.9	35- 40	1103	18055
45.0	212.2	228.2	210.6	223.1	209.0	224.5	207.7	227.2	40- 45	918.8	18974
50.0	176.8	185.0	175.1	183.7	175.7	187.1	172.8	188.1	45- 50	810.4	19785
55.0	146.7	149.9	145.2	151.2	147.3	156.2	145.1	155.3	50- 55	723.4	20508
60.0	115.3	116.7	115.6	119.4	118.9	127.3	119.8	125.1	55- 60	626.0	21134
65.0	86.64	85.71	86.61	89.82	91.53	98.29	93.30	94.44	60- 65	514.1	21648
70.0	59.64	57.14	60.13	61.47	65.60	70.05	67.15	65.56	65- 70	389.8	22038
75.0	35.58	33.01	37.17	37.47	41.01	44.09	42.59	41.41	70- 75	266.0	22304
80.0	12.87	12.52	15.74	16.09	17.70	22.01	19.85	17.64	75- 80	145.9	22450
85.0	1.376	1.694	1.673	2.932	3.466	6.223	4.985	4.000	80- 85	51.12	22501
90.0	0.391	0.411	0.552	0.417	0.561	0.591	0.345	0.417	85- 90	8.283	22509
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:×10cd									UNIT:lm	

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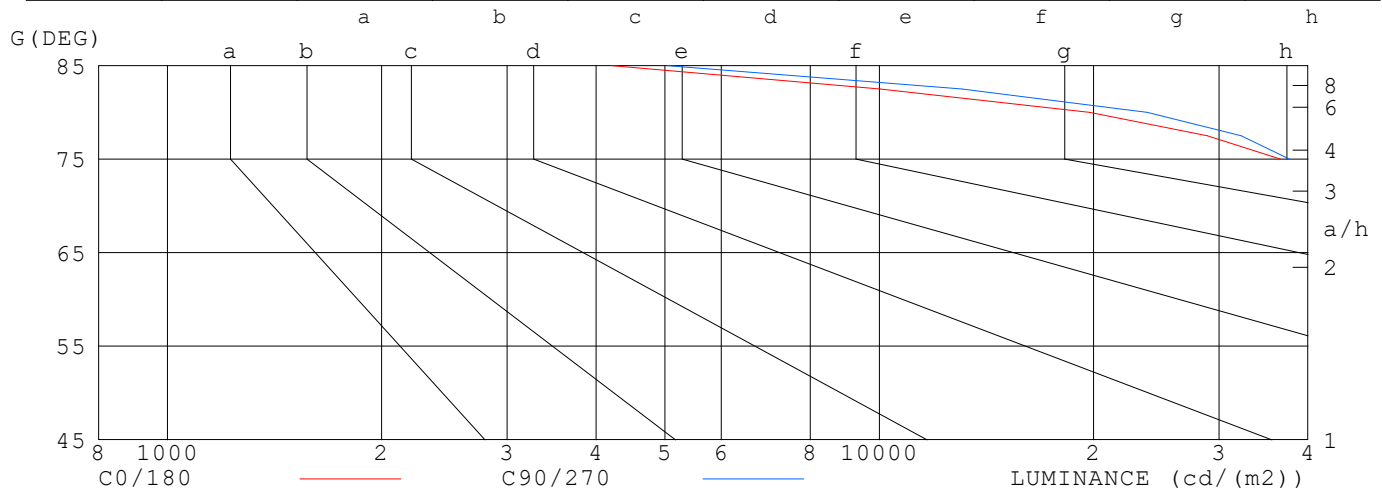
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N15040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	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	4206	5037
80	19756	23795
75	36616	37683
70	46446	46128
65	54605	53769
60	61460	60663
55	68165	66461
50	73260	71486
45	79941	78142

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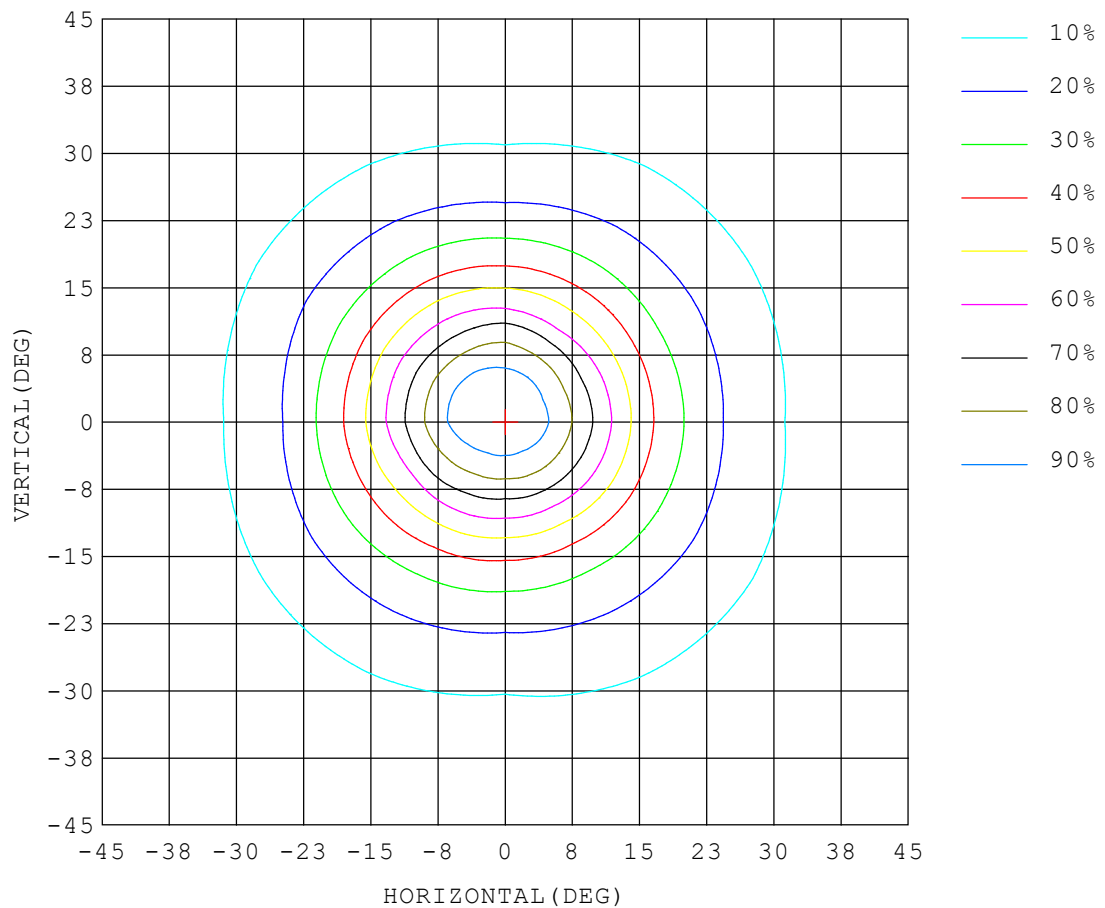
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ISOCANDELA DIAGRAM

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UNIT: cd



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