

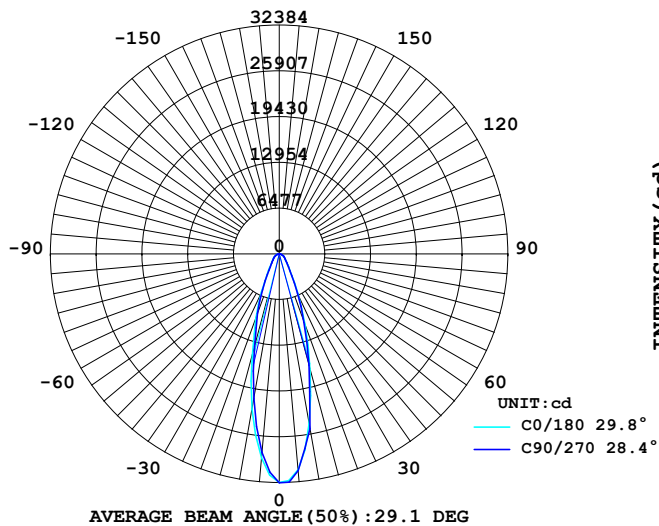
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

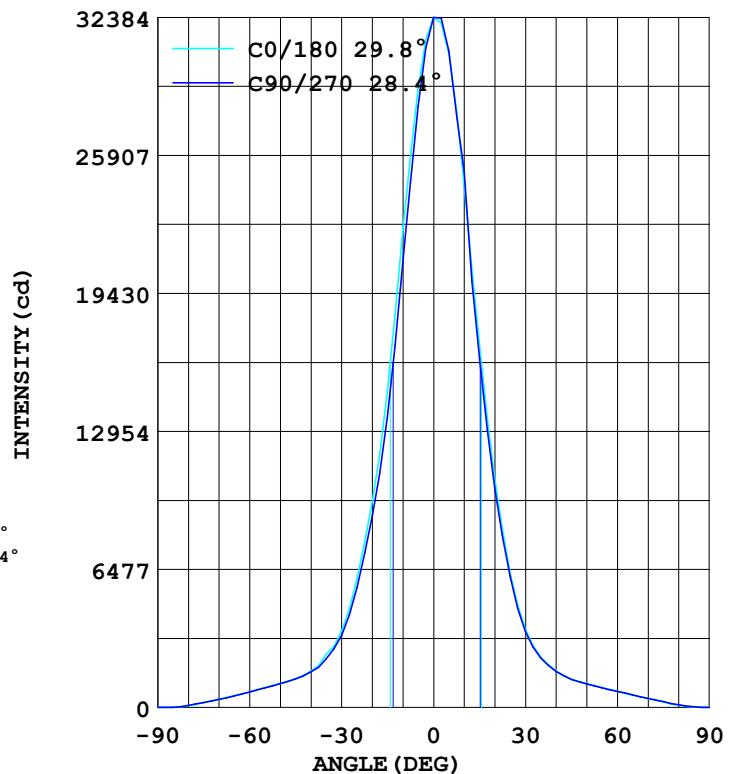
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	32468	S/MH (C0/180)	0.47
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.44
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	14316	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.6	Current(A)	0.401
NOMINAL FLUX(lm)	14315.6	η up (%)	0.0	Power(W)	89.66
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	14315.6	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.18

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

Color Temperature Data List

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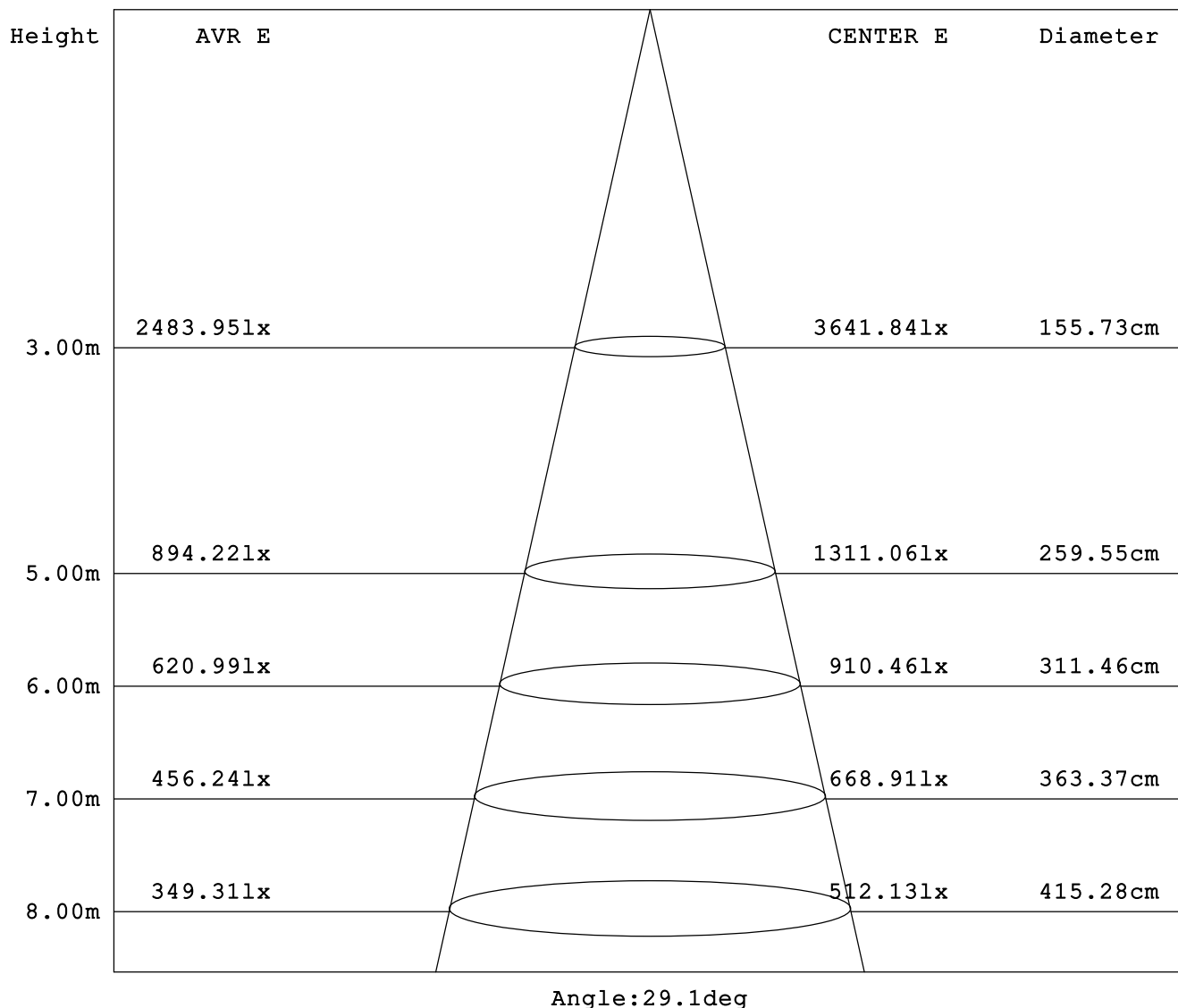
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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NAME: Klose	TYPE: IL-FL19-N9040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2904	2835	2822	2922	3066	3110	3080	3004	0- 5	741.7	741.7
10.0	2238	2132	2086	2258	2450	2477	2512	2315	5- 10	1875	2617
15.0	1485	1402	1364	1513	1697	1715	1635	1565	10- 15	2241	4858
20.0	969.7	925.7	900.7	994.4	1076	1089	1032	999.8	15- 20	2055	6913
25.0	604.1	619.0	562.5	641.5	633.5	690.5	618.8	654.6	20- 25	1688	8601
30.0	360.2	394.8	338.6	386.6	367.7	412.1	356.0	407.0	25- 30	1267	9868
35.0	250.5	257.3	228.4	254.1	237.1	256.8	231.4	258.4	30- 35	913.2	10782
40.0	170.4	183.6	167.2	178.4	171.6	182.2	169.6	184.4	35- 40	701.2	11483
45.0	134.9	145.1	133.9	141.9	132.9	142.8	132.1	144.4	40- 45	584.3	12067
50.0	112.4	117.6	111.3	116.8	111.7	118.9	109.9	119.6	45- 50	515.4	12583
55.0	93.35	95.37	92.40	96.21	93.70	99.38	92.30	98.82	50- 55	460.1	13043
60.0	73.37	74.22	73.52	75.99	75.67	80.97	76.19	79.59	55- 60	398.1	13441
65.0	55.10	54.51	55.08	57.12	58.21	62.51	59.34	60.06	60- 65	326.9	13768
70.0	37.93	36.34	38.24	39.09	41.72	44.55	42.70	41.69	65- 70	247.9	14016
75.0	22.62	20.99	23.64	23.83	26.08	28.04	27.08	26.34	70- 75	169.2	14185
80.0	8.191	7.965	10.01	10.23	11.26	14.00	12.62	11.21	75- 80	92.82	14278
85.0	0.875	1.077	1.064	1.865	2.204	3.958	3.170	2.544	80- 85	32.51	14310
90.0	0.249	0.261	0.351	0.265	0.357	0.376	0.219	0.265	85- 90	5.268	14316
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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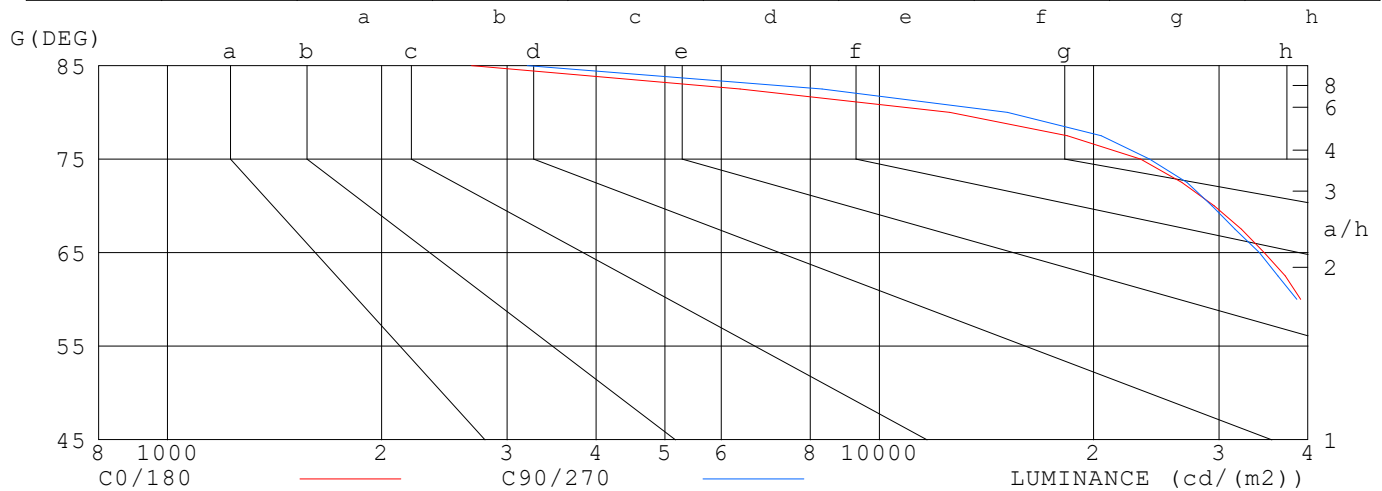
LUMINANCE LIMITATION CURVES

Report number:

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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	2675	3203
80	12564	15133
75	23287	23966
70	29539	29337
65	34727	34196
60	39087	38581
55	43352	42268
50	46592	45464
45	50841	49697

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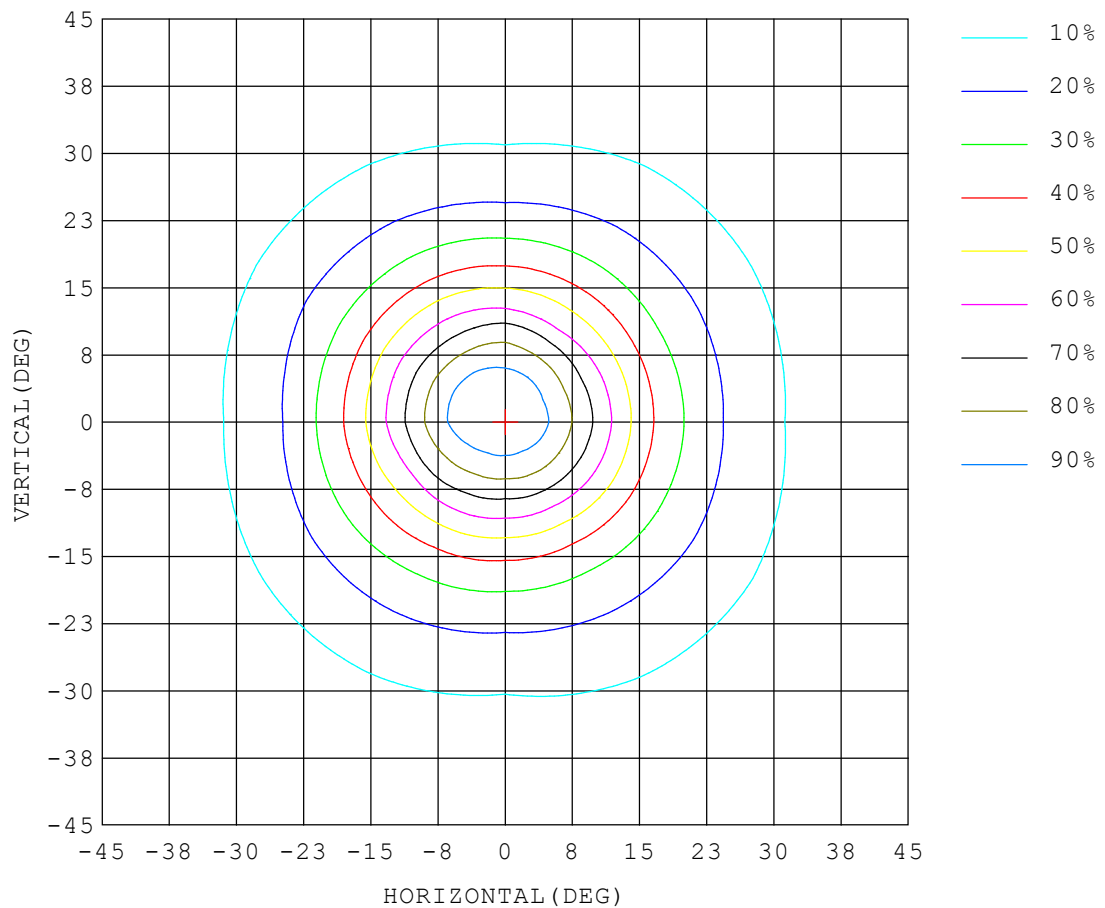
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ISOCANDELA DIAGRAM

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UNIT: cd



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