

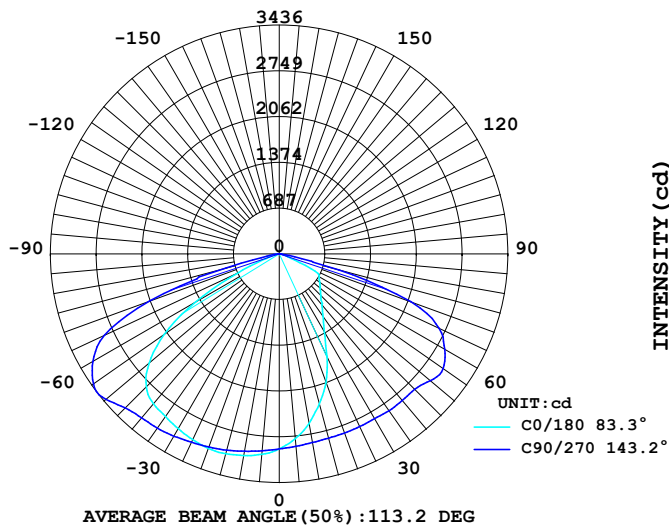
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

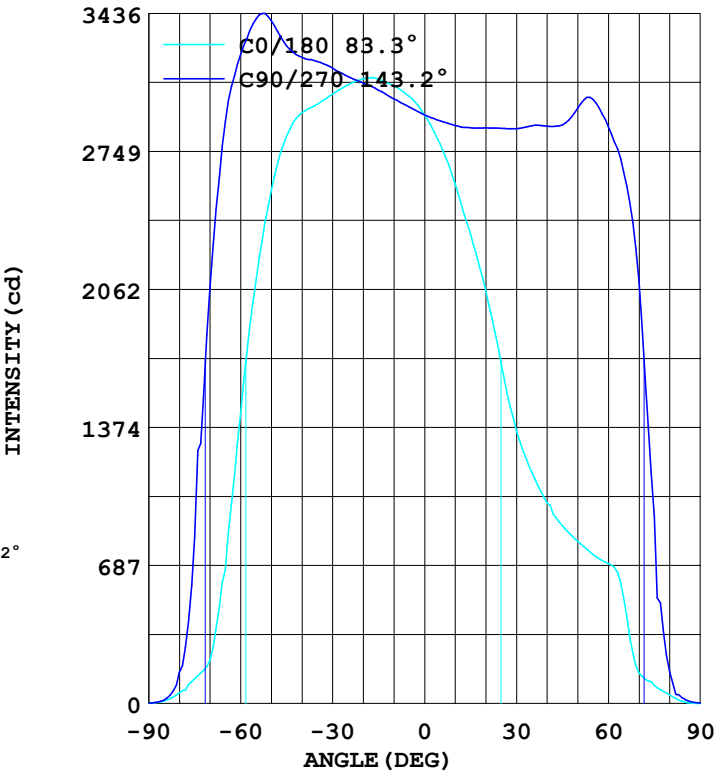
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3604	S/MH (C0/180)	1.55
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.66
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9549.3	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.7	Current(A)	0.263
NOMINAL FLUX(lm)	9549.4	η up (%)	0.0	Power(W)	59.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	9549.4	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.21

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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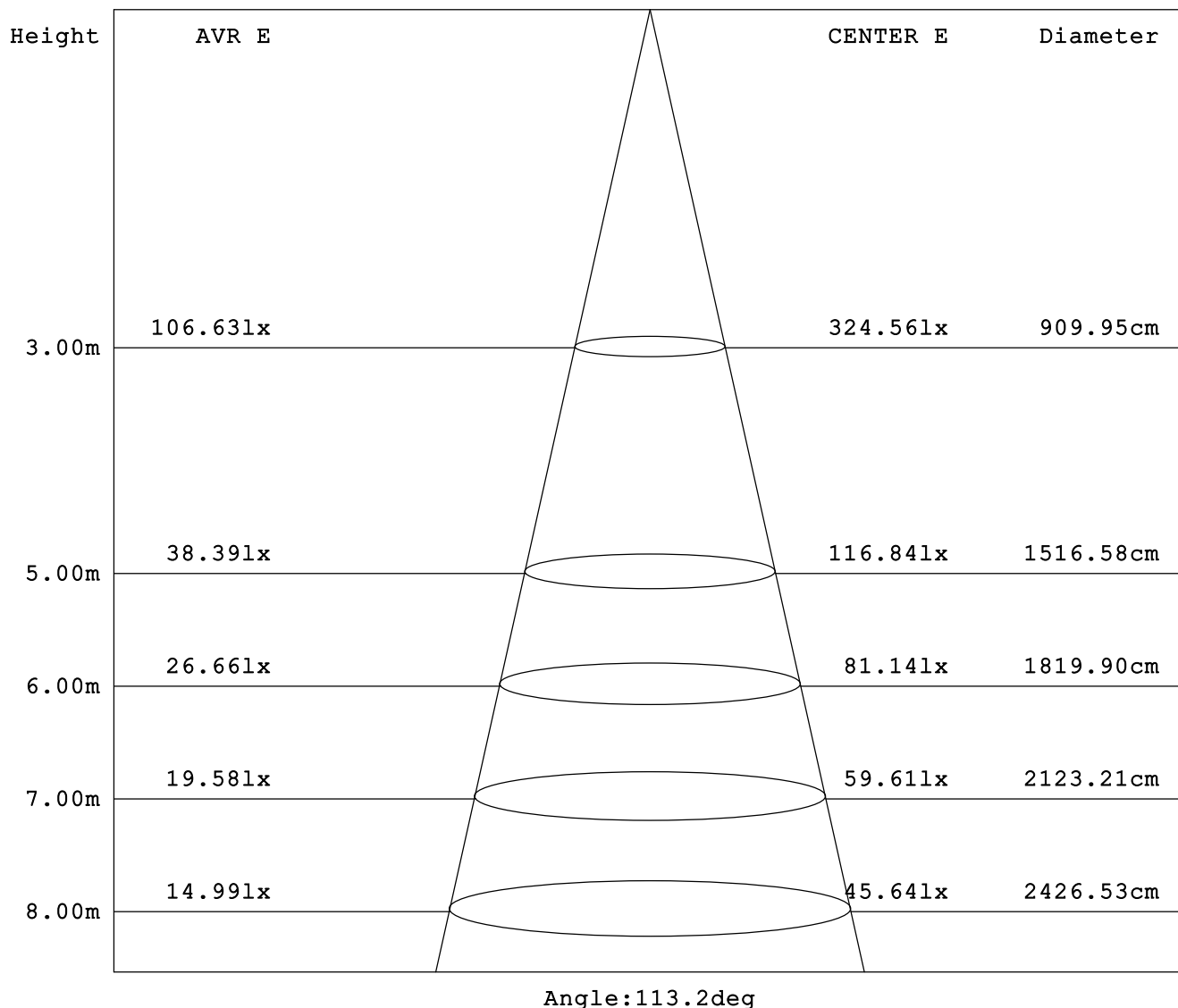
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3023	3030	2969	2862	2788	2811	2901	2979	0- 5	69.94	69.94
10.0	3075	3104	3010	2775	2586	2678	2877	3005	5- 10	207.8	277.7
15.0	3108	3160	3053	2658	2336	2510	2866	3022	10- 15	339.6	617.4
20.0	3109	3207	3088	2520	2057	2346	2866	3029	15- 20	463.1	1081
25.0	3080	3233	3121	2347	1696	2155	2863	3033	20- 25	573.8	1654
30.0	3034	3238	3163	2154	1358	1940	2862	3018	25- 30	668.5	2323
35.0	2982	3229	3196	1922	1151	1678	2875	2992	30- 35	748.2	3071
40.0	2941	3215	3217	1606	996.1	1355	2875	2964	35- 40	817.1	3888
45.0	2825	3192	3274	1266	884.5	1066	2880	2933	40- 45	874.8	4763
50.0	2551	3148	3400	996.6	807.3	879.8	2965	2888	45- 50	921.1	5684
55.0	2110	3047	3408	797.2	742.5	745.7	3008	2817	50- 55	948.1	6632
60.0	1451	2812	3232	691.2	696.5	633.0	2872	2597	55- 60	920.4	7553
65.0	669.9	2320	2898	574.0	526.1	538.9	2647	2115	60- 65	822.8	8376
70.0	215.6	1421	2074	397.0	152.0	388.6	2104	1273	65- 70	640.1	9016
75.0	123.7	351.8	830.1	143.5	90.78	133.5	930.1	313.0	70- 75	376.0	9392
80.0	53.65	76.00	154.6	46.85	42.38	43.88	157.3	71.42	75- 80	129.4	9521
85.0	12.49	19.09	17.00	13.27	6.882	11.71	19.75	18.15	80- 85	24.30	9546
90.0	1.947	0.957	2.575	2.600	0.860	2.597	2.708	1.120	85- 90	3.689	9549
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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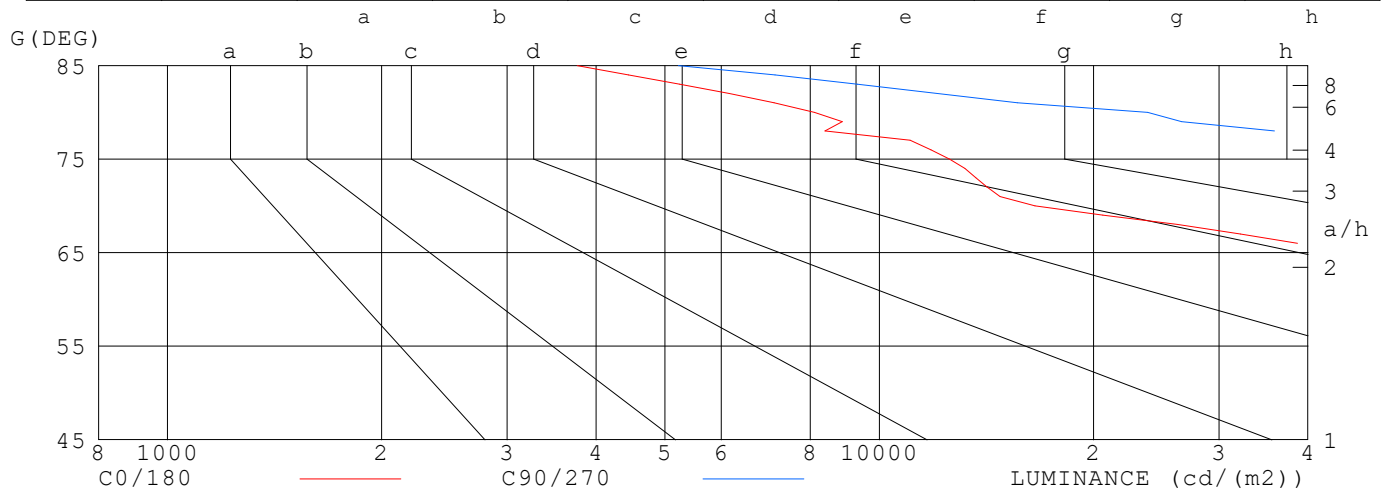
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N6040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	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	3762	5220
80	8107	23827
75	12544	85819
70	16540	162266
65	41587	183487
60	76131	172949
55	96489	158990
50	104102	141531
45	104795	123891

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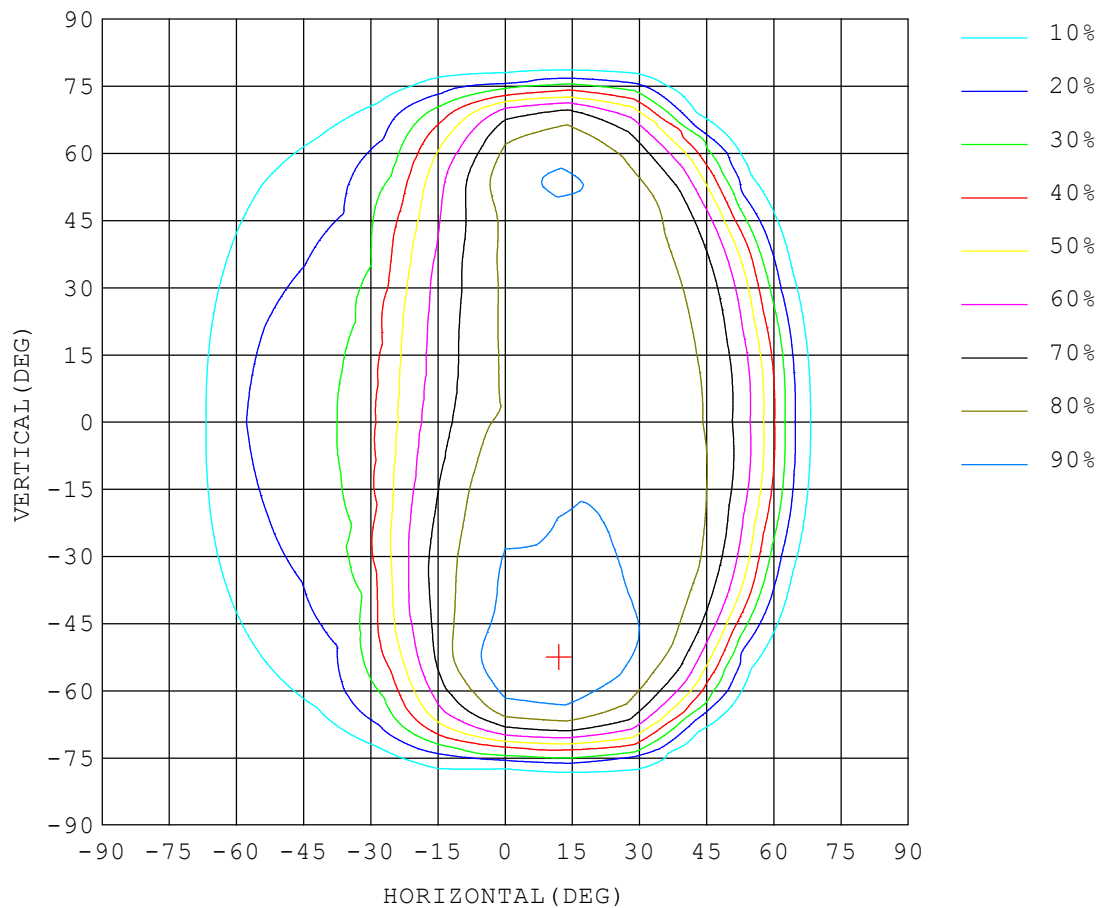
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ISOCANDELA DIAGRAM

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UNIT: cd



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