

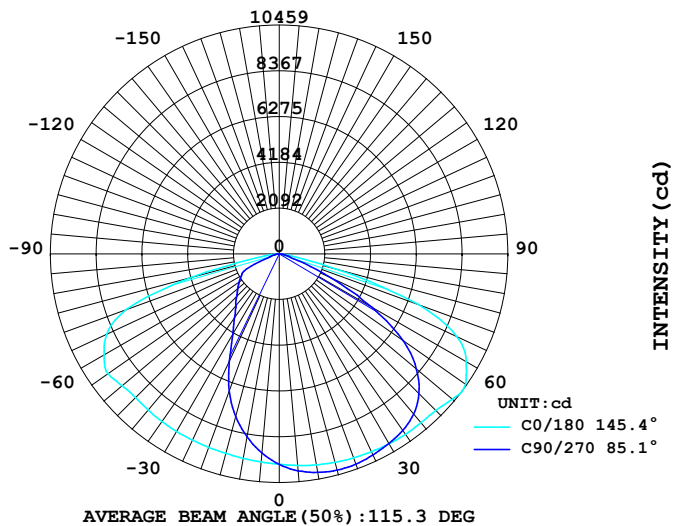
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

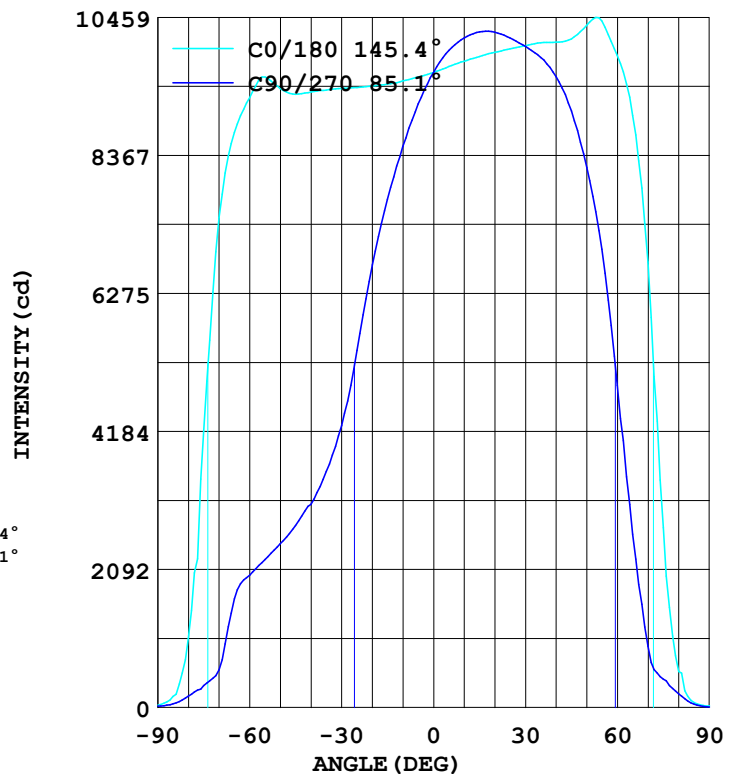
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY2	WEIGHT:
SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	11110	S/MH (C0/180)	1.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	31070	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.2	Current(A)	0.880
NOMINAL FLUX(lm)	31070.2	η up (%)	0.0	Power(W)	200.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	31070.2	EEL	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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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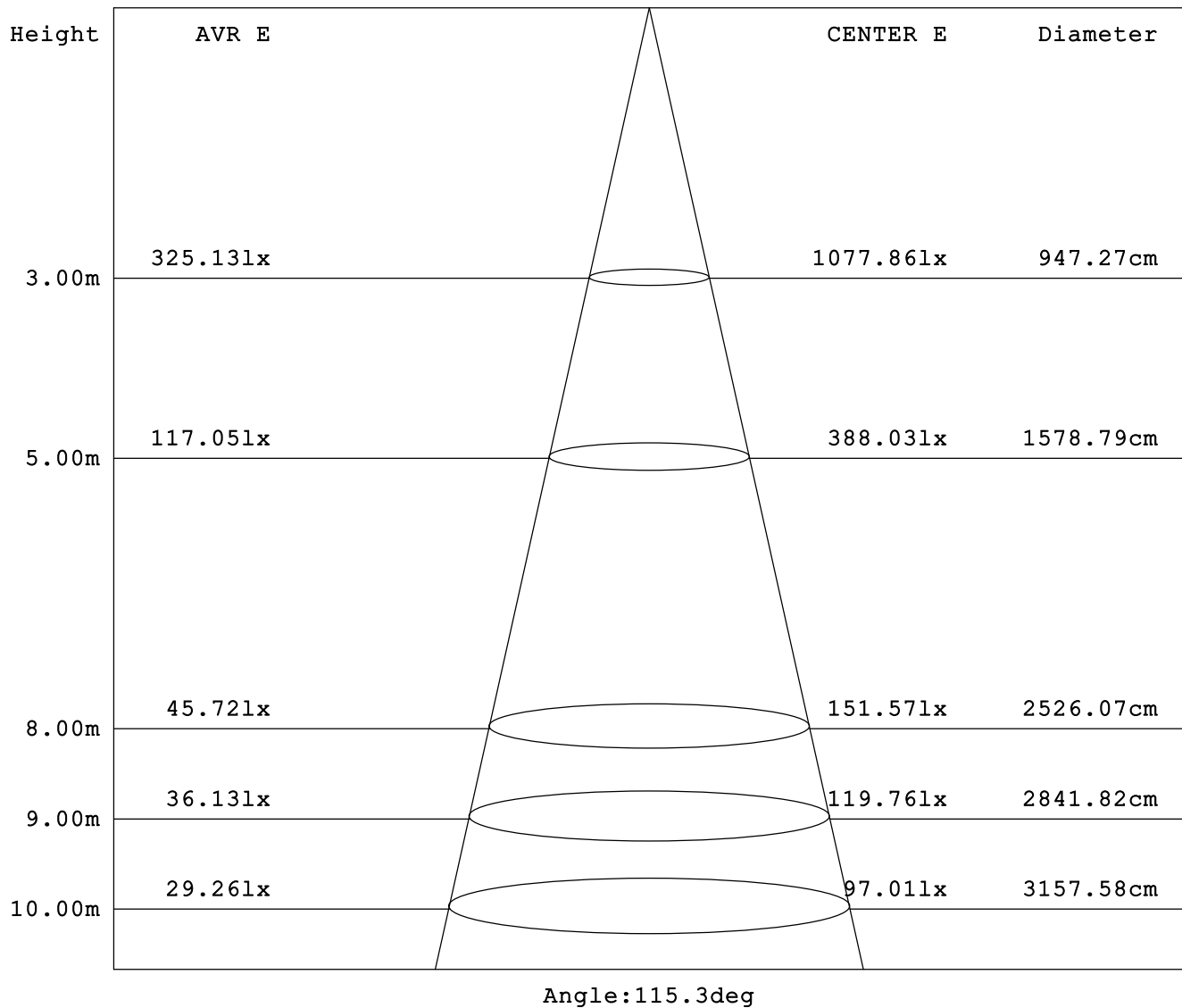
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	955.3	923.6	914.5	937.0	971.2	994.9	995.7	980.8	0- 5	229.6	229.6
10.0	949.3	879.3	850.3	904.2	979.3	1018	1014	992.2	5- 10	682.2	911.8
15.0	944.4	829.6	769.8	864.8	986.5	1033	1024	998.0	10- 15	1115	2027
20.0	941.8	777.4	670.4	820.0	992.9	1043	1023	999.4	15- 20	1516	3543
25.0	939.5	715.2	541.1	765.4	997.9	1047	1015	996.2	20- 25	1871	5414
30.0	938.0	639.9	427.0	695.5	1003	1046	1002	989.6	25- 30	2170	7584
35.0	935.7	548.2	357.7	603.9	1007	1042	985.1	980.6	30- 35	2420	10004
40.0	932.6	437.4	307.7	487.9	1008	1036	956.0	971.8	35- 40	2632	12636
45.0	929.3	345.5	275.9	374.4	1013	1026	903.8	960.4	40- 45	2800	15436
50.0	937.9	283.8	248.3	291.2	1034	1006	817.9	941.2	45- 50	2924	18360
55.0	955.5	238.5	224.5	235.7	1040	973.7	694.2	908.8	50- 55	2987	21347
60.0	924.4	199.7	200.7	191.1	988.0	895.9	488.2	843.7	55- 60	2907	24254
65.0	871.4	165.3	164.8	154.2	897.3	742.9	262.7	712.7	60- 65	2620	26875
70.0	742.6	132.4	57.16	109.9	674.8	484.4	92.79	494.4	65- 70	2119	28994
75.0	418.3	69.36	33.24	34.80	272.1	138.1	42.70	190.5	70- 75	1344	30337
80.0	104.5	18.74	17.24	12.02	54.58	25.16	20.71	39.83	75- 80	565.8	30903
85.0	16.85	6.063	5.418	3.360	7.556	8.032	5.035	14.32	80- 85	141.7	31045
90.0	3.623	1.794	1.968	1.775	2.674	2.300	0.906	3.325	85- 90	25.36	31070
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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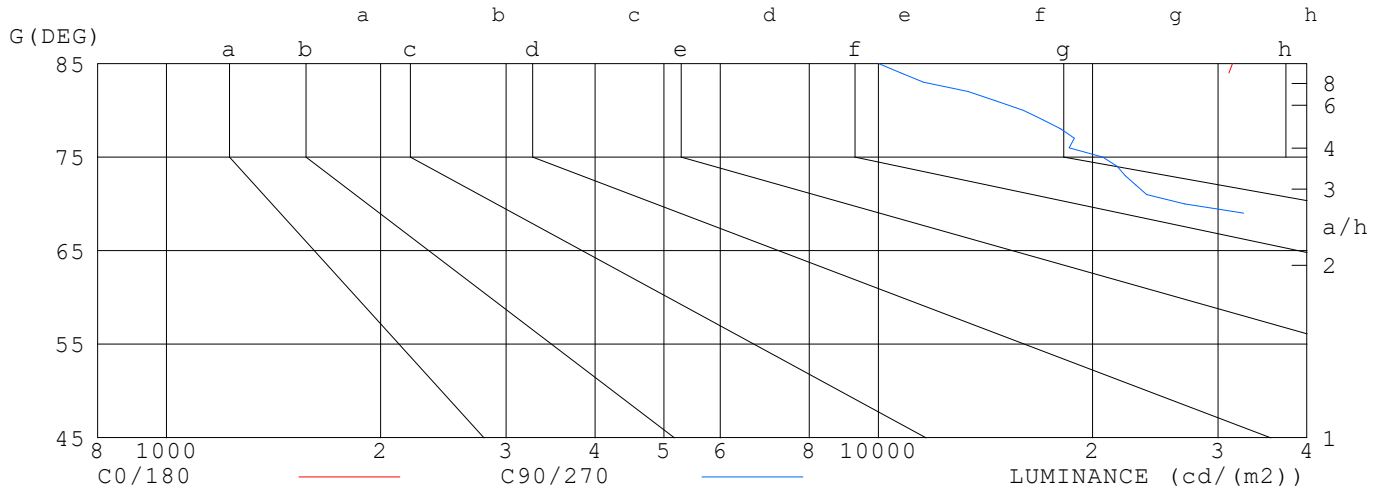
LUMINANCE LIMITATION CURVES

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	31443	10009
80	97904	15992
75	262798	20678
70	352993	26908
65	335252	62807
60	300584	64620
55	270843	63016
50	237221	62196
45	213680	62834

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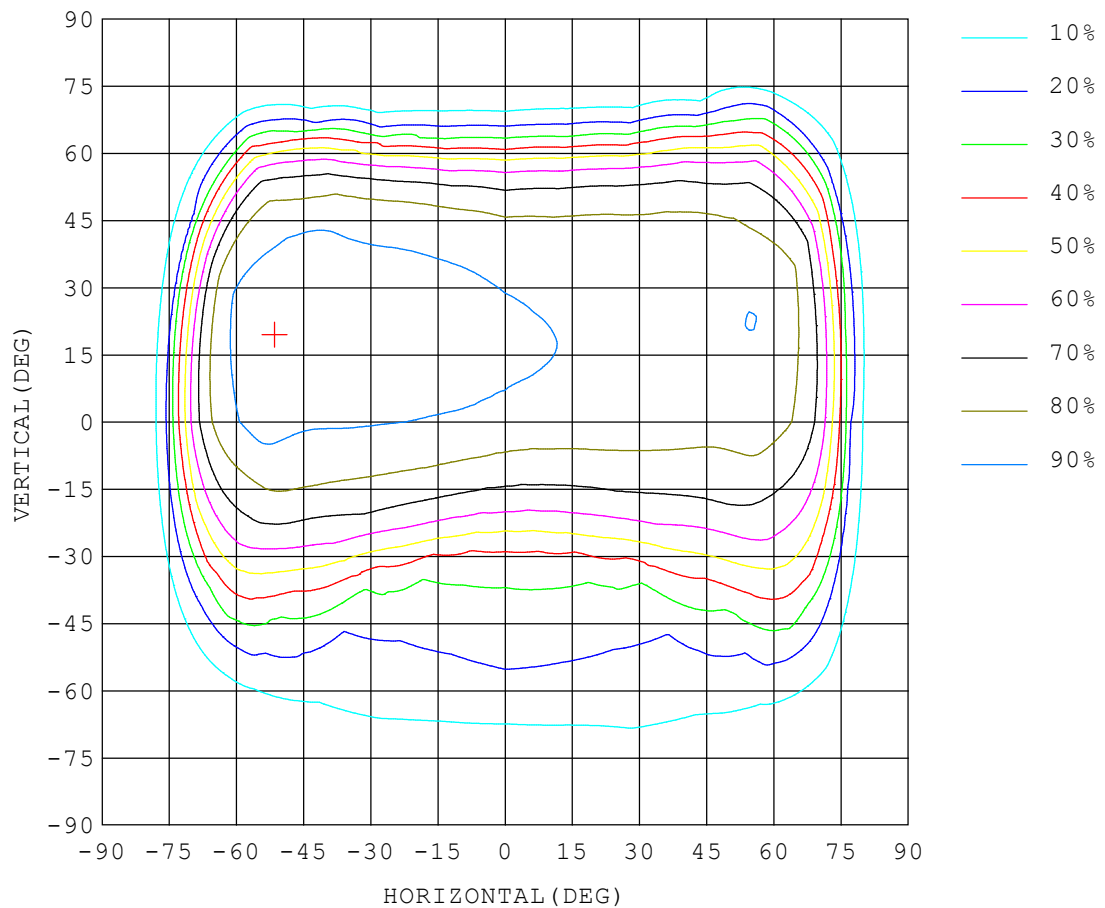
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ISOCANDELA DIAGRAM

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UNIT: cd



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