

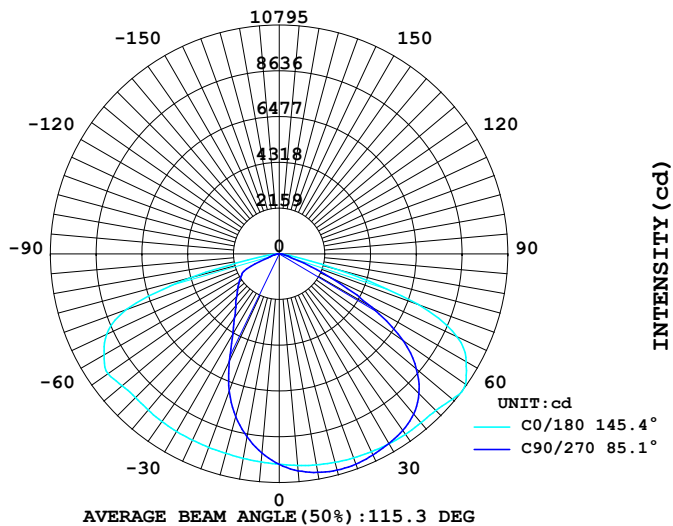
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

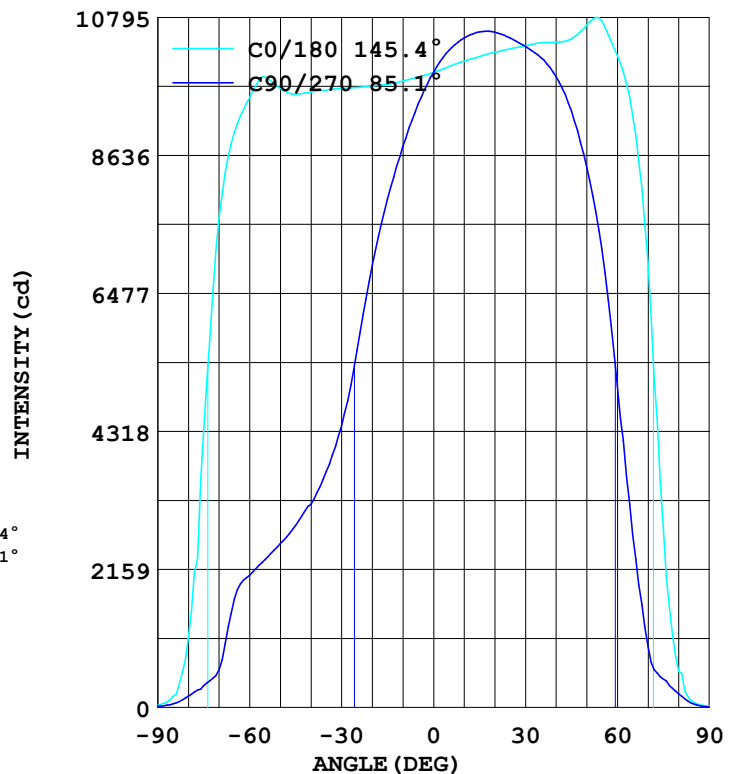
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY2	WEIGHT:
SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	11467	S/MH (C0/180)	1.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	32070	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	160.2	Current(A)	0.880
NOMINAL FLUX(lm)	32070.2	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)	32070.2	EEI	0.094

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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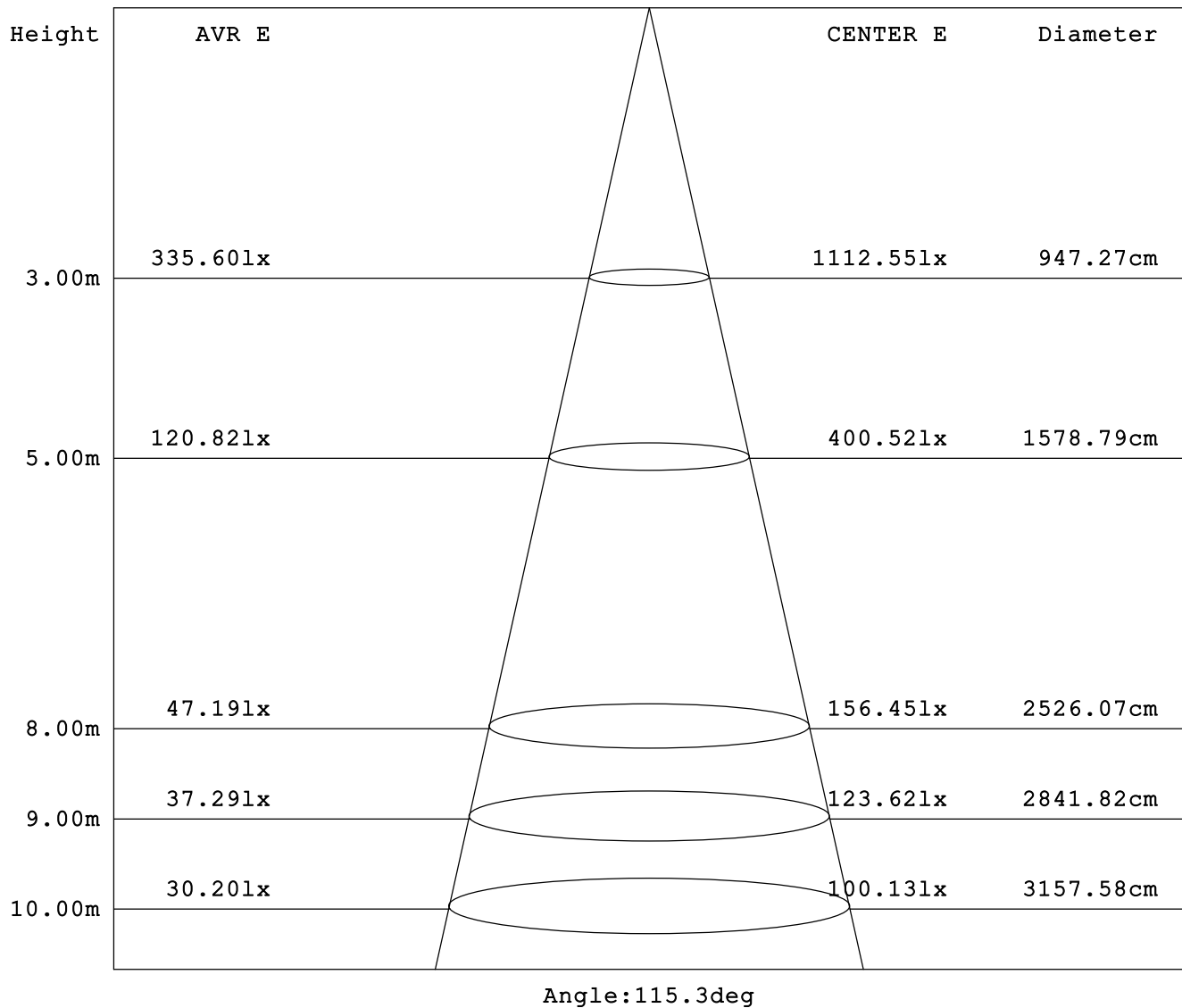
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	986.0	953.3	943.9	967.1	1003	1027	1028	1012	0- 5	237.0	237.0
10.0	979.9	907.6	877.6	933.3	1011	1051	1047	1024	5- 10	704.1	941.2
15.0	974.8	856.3	794.6	892.7	1018	1067	1057	1030	10- 15	1151	2092
20.0	972.1	802.4	692.0	846.4	1025	1077	1056	1032	15- 20	1565	3657
25.0	969.8	738.3	558.6	790.0	1030	1081	1047	1028	20- 25	1931	5588
30.0	968.2	660.5	440.7	717.8	1035	1080	1034	1021	25- 30	2240	7828
35.0	965.8	565.8	369.2	623.3	1040	1075	1017	1012	30- 35	2498	10326
40.0	962.6	451.5	317.6	503.6	1041	1070	986.8	1003	35- 40	2716	13043
45.0	959.2	356.6	284.8	386.5	1046	1059	932.9	991.3	40- 45	2891	15933
50.0	968.0	292.9	256.3	300.6	1067	1038	844.2	971.5	45- 50	3018	18951
55.0	986.2	246.2	231.7	243.2	1074	1005	716.6	938.1	50- 55	3083	22034
60.0	954.1	206.2	207.1	197.3	1020	924.7	503.9	870.8	55- 60	3001	25035
65.0	899.5	170.6	170.1	159.2	926.1	766.8	271.2	735.6	60- 65	2705	27740
70.0	766.5	136.7	59.00	113.4	696.5	500.0	95.78	510.3	65- 70	2187	29927
75.0	431.8	71.60	34.31	35.92	280.9	142.5	44.07	196.7	70- 75	1387	31314
80.0	107.9	19.35	17.80	12.41	56.34	25.97	21.38	41.11	75- 80	584.0	31898
85.0	17.39	6.259	5.593	3.468	7.800	8.291	5.197	14.78	80- 85	146.3	32044
90.0	3.739	1.852	2.032	1.832	2.760	2.374	0.935	3.432	85- 90	26.17	32070
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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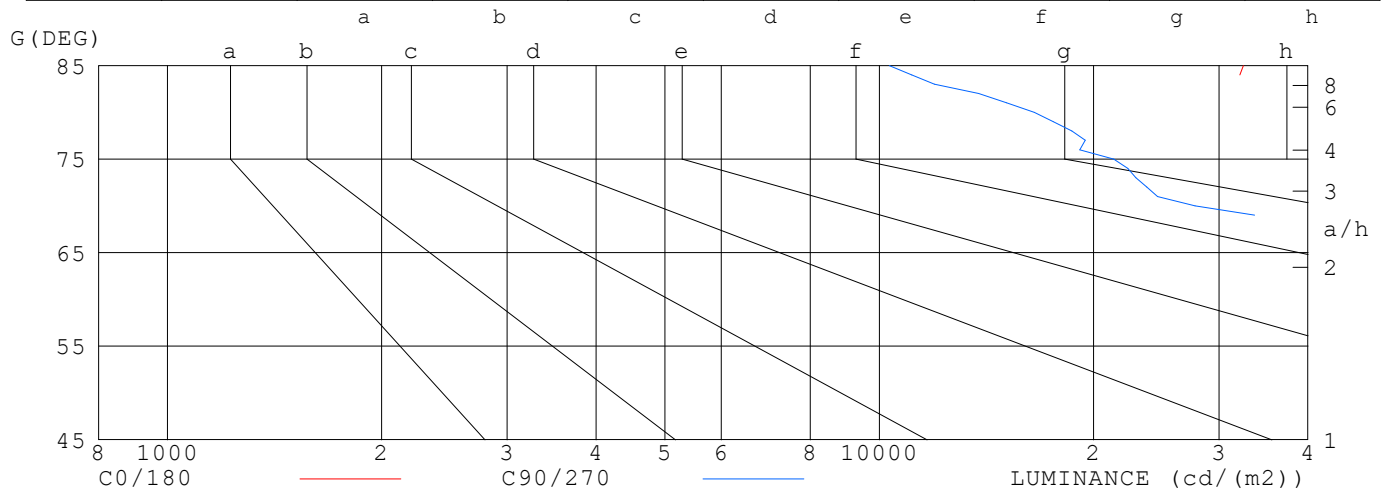
LUMINANCE LIMITATION CURVES

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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	32455	10331
80	101055	16506
75	271256	21343
70	364354	27774
65	346042	64828
60	310258	66700
55	279560	65044
50	244856	64198
45	220557	64856

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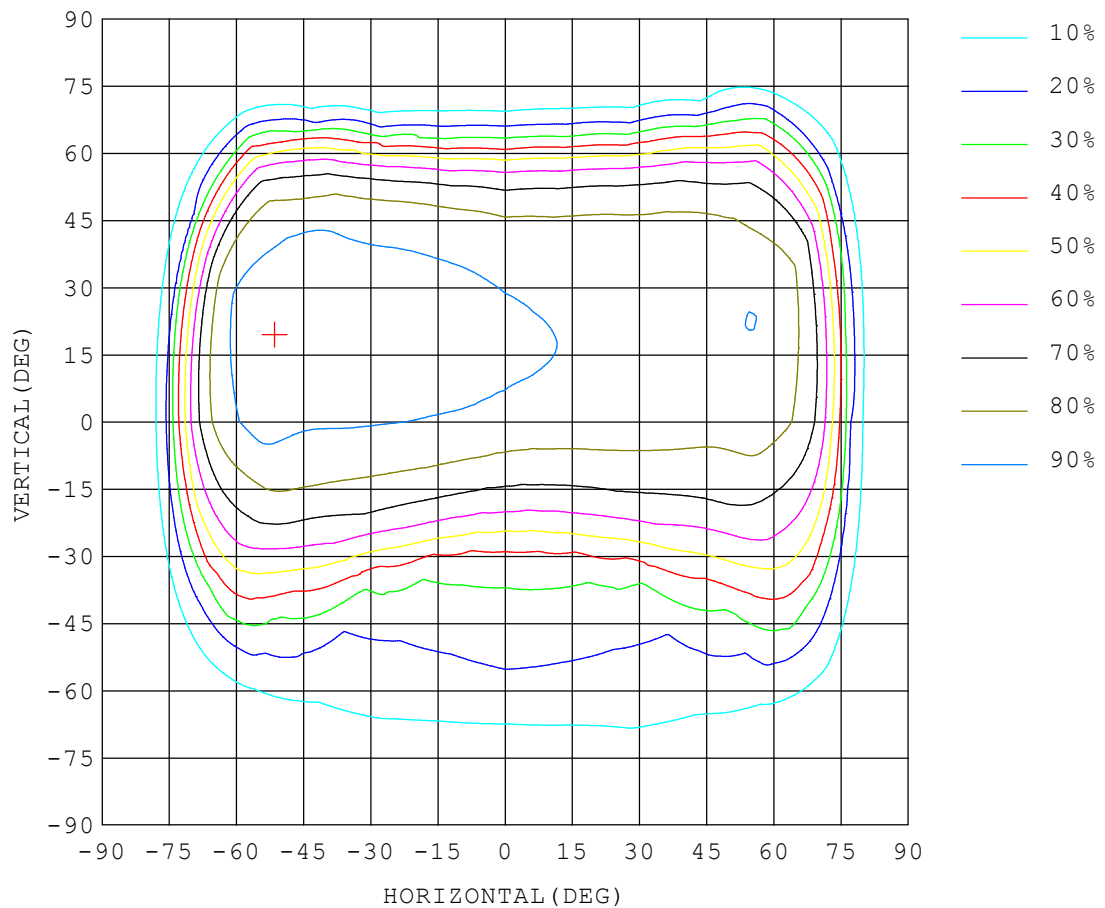
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ISOCANDELA DIAGRAM

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UNIT: cd



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