

LUMINAIRE PHOTOMETRIC TEST REPORT

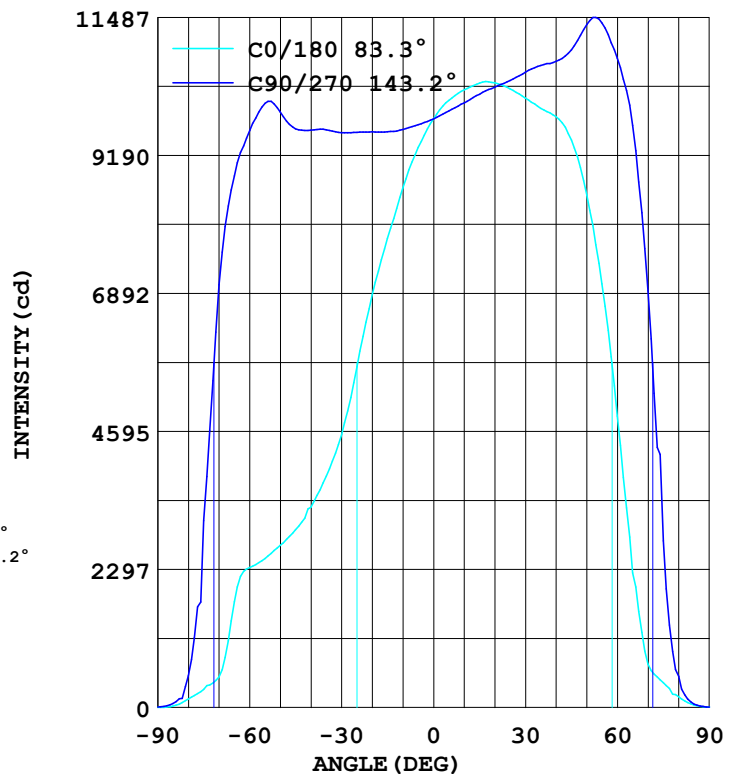
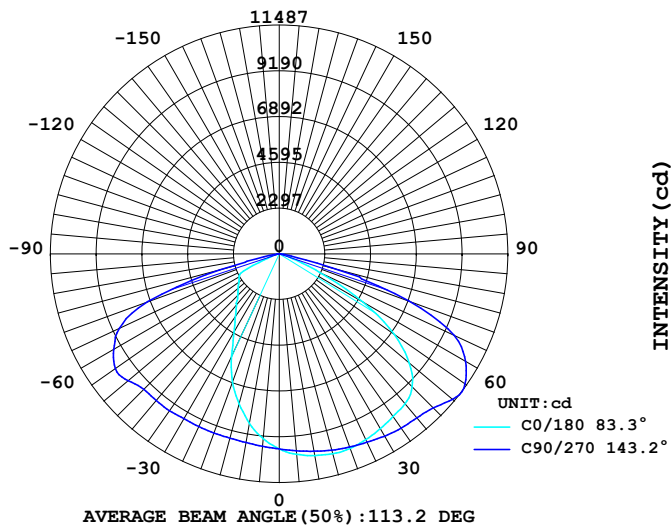
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	12048	S/MH (C0/180)	0.84
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.51
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	31926	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.879
NOMINAL FLUX(lm)	31926.4	η up (%)	0.0	Power(W)	199.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	31926.4	EEL	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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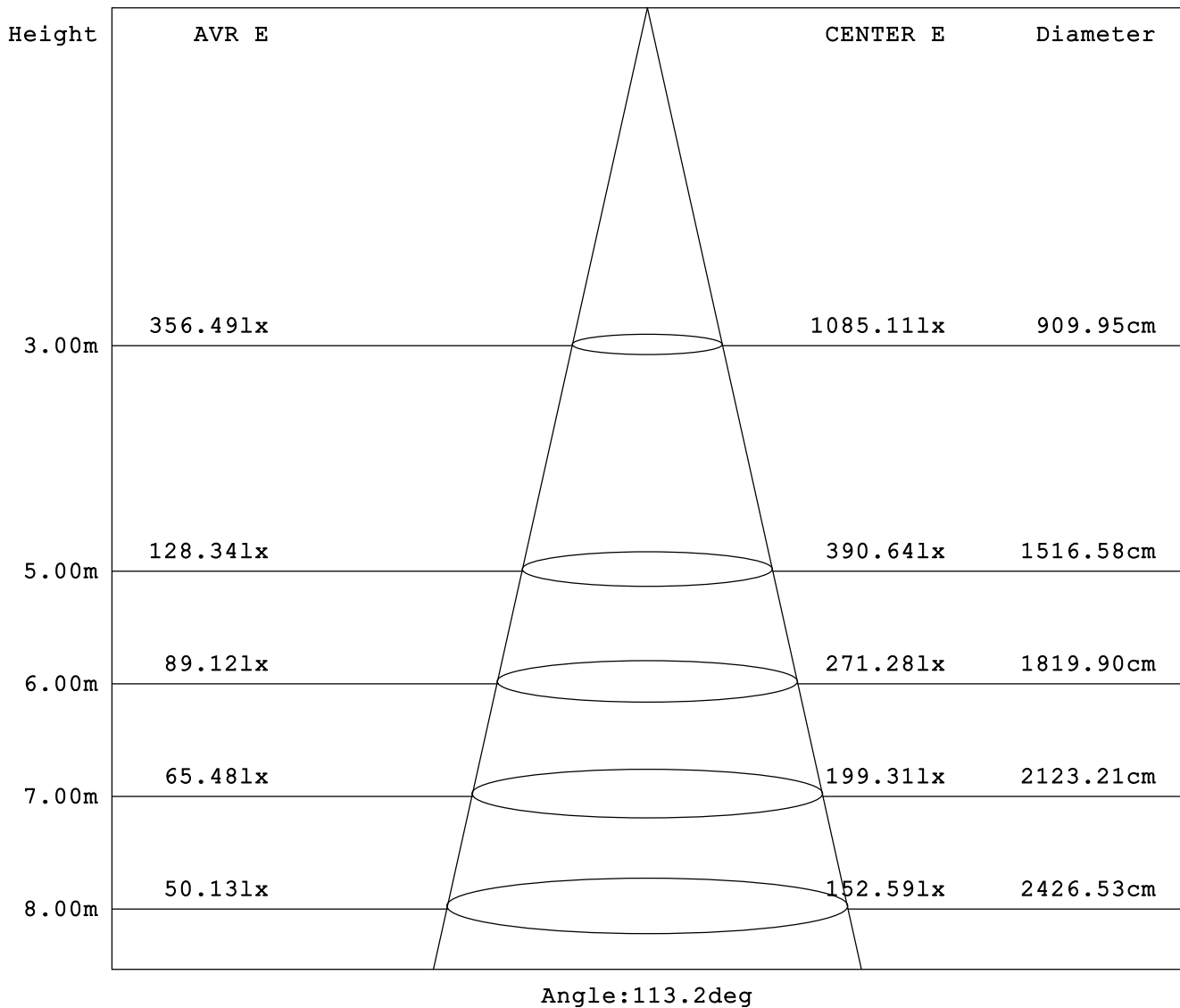
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	932.0	939.9	969.9	995.8	1011	1013	992.7	956.7	0- 5	233.8	233.8
10.0	864.7	895.2	961.8	1005	1028	1038	1006	927.8	5- 10	694.9	928.7
15.0	780.9	839.2	958.2	1010	1039	1056	1021	888.5	10- 15	1136	2064
20.0	687.8	784.4	958.2	1013	1040	1072	1032	842.4	15- 20	1548	3613
25.0	567.1	720.4	957.1	1014	1030	1081	1044	784.7	20- 25	1918	5531
30.0	454.0	648.6	956.9	1009	1014	1083	1058	720.2	25- 30	2235	7766
35.0	384.8	560.8	961.3	1000	997.0	1080	1069	642.4	30- 35	2502	10268
40.0	333.0	452.8	961.1	991.0	983.2	1075	1076	536.8	35- 40	2732	13000
45.0	295.7	356.4	963.0	980.5	944.3	1067	1095	423.3	40- 45	2925	15925
50.0	269.9	294.1	991.1	965.5	852.7	1053	1137	333.2	45- 50	3080	19004
55.0	248.2	249.3	1006	941.6	705.2	1019	1140	266.5	50- 55	3170	22174
60.0	232.8	211.6	960.1	868.1	485.0	940.1	1081	231.0	55- 60	3077	25251
65.0	175.8	180.1	884.8	707.0	223.9	775.6	968.9	191.9	60- 65	2751	28002
70.0	50.83	129.9	703.4	425.4	72.08	475.0	693.4	132.7	65- 70	2140	30143
75.0	30.35	44.63	310.9	104.6	41.37	117.6	277.5	47.99	70- 75	1257	31400
80.0	14.16	14.67	52.62	23.87	17.93	25.41	51.70	15.66	75- 80	432.8	31833
85.0	2.301	3.915	6.605	6.070	4.178	6.383	5.685	4.436	80- 85	81.27	31914
90.0	0.288	0.868	0.905	0.375	0.651	0.320	0.861	0.869	85- 90	12.33	31926
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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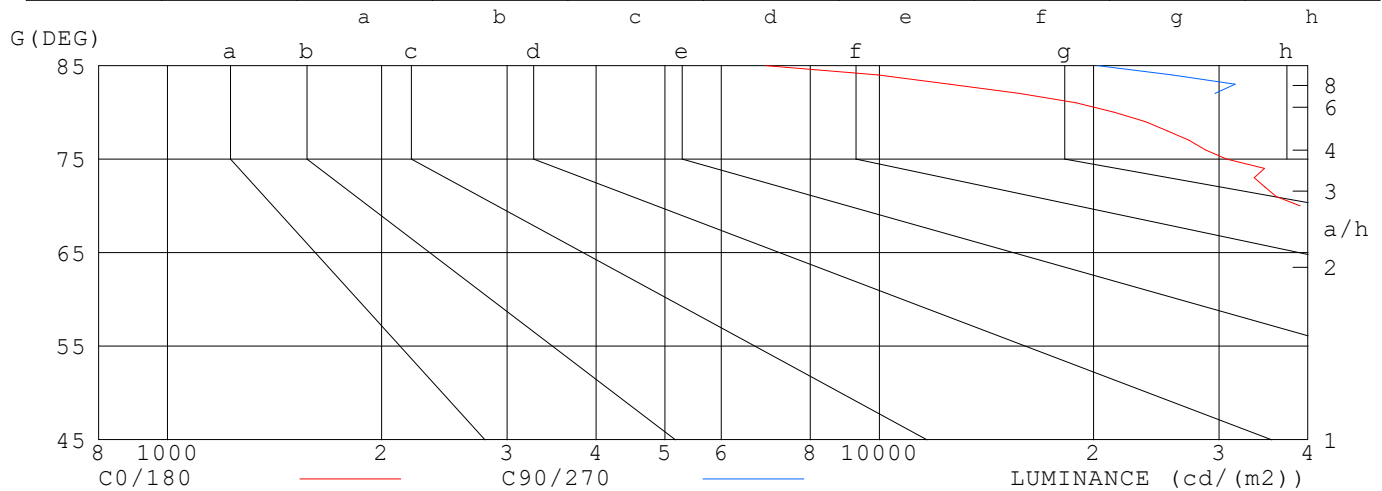
LUMINANCE LIMITATION CURVES

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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	6926	20278
80	21407	81079
75	30767	321475
70	38993	550294
65	109189	560166
60	122197	513784
55	113550	469037
50	110159	412566
45	109726	364378

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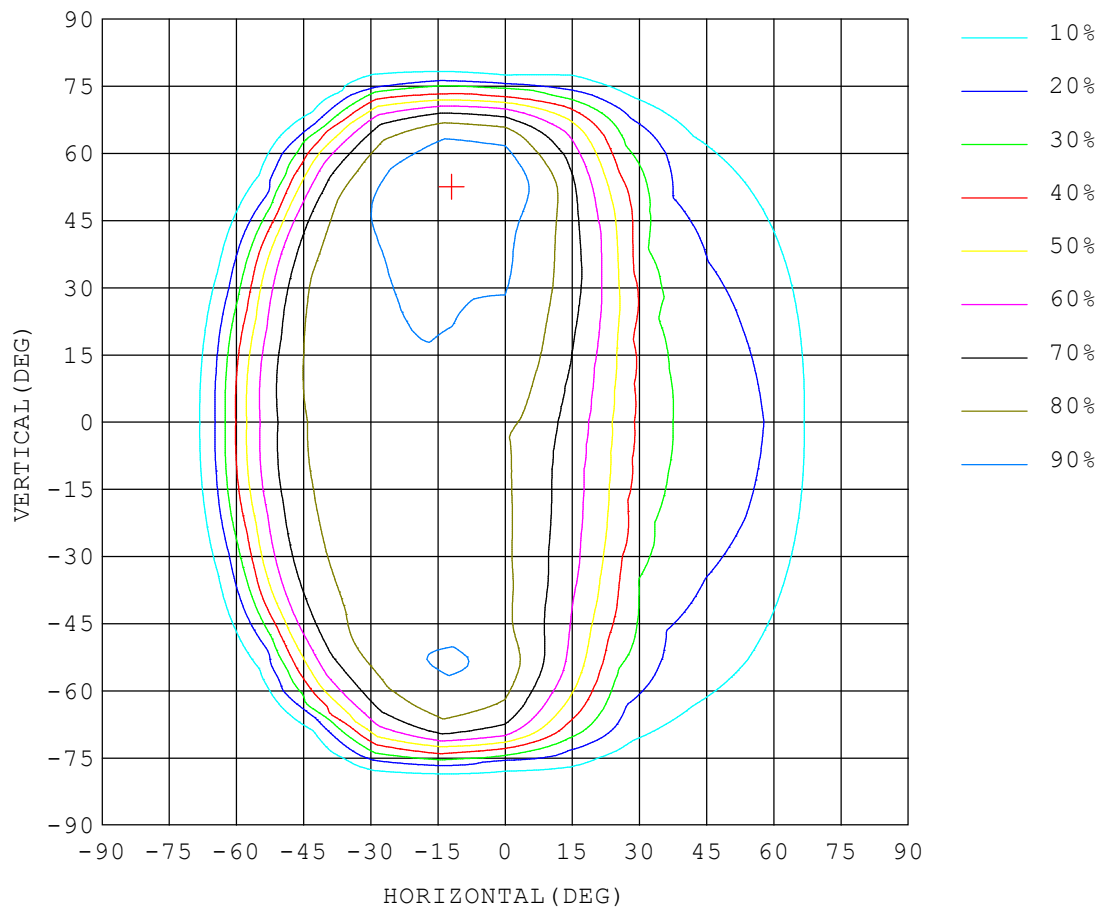
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ISOCANDELA DIAGRAM

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UNIT: cd



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