

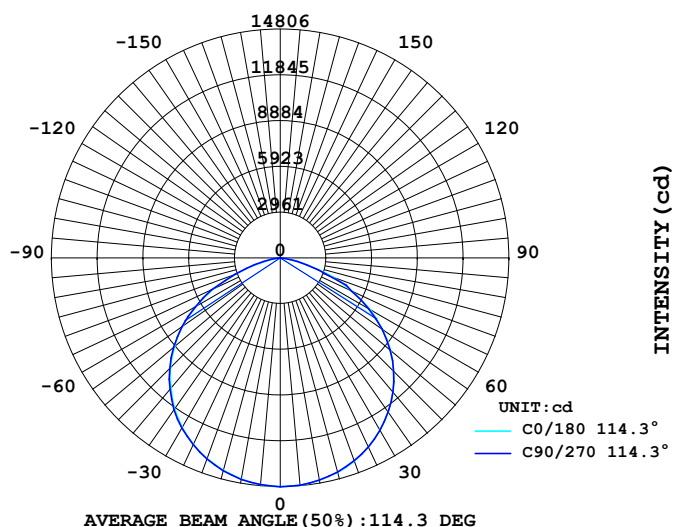
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

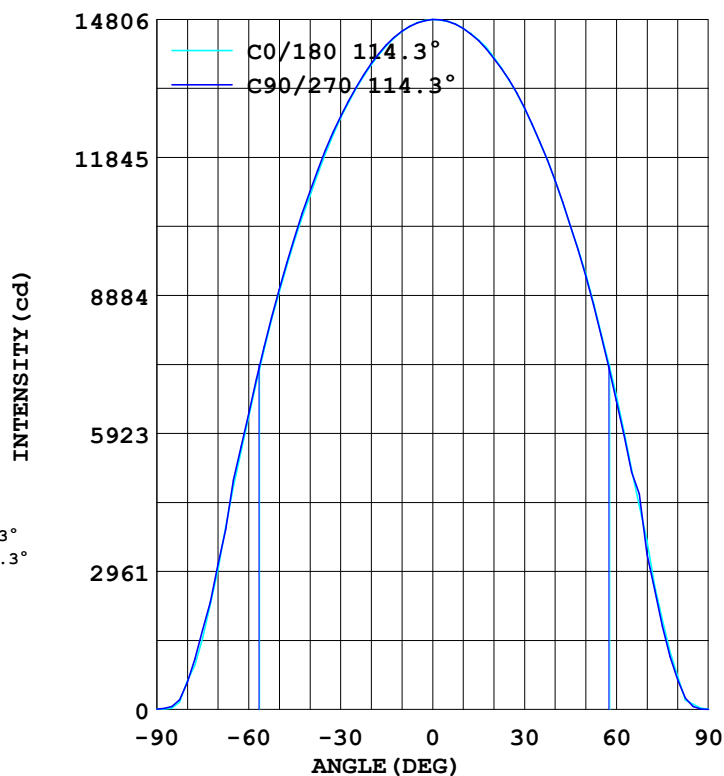
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	14806	S/MH (C0/180)	1.27
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	250	TOTAL FLUX(lm)	41181	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	164.7	Current(A)	1.099
NOMINAL FLUX(lm)	41180.6	η up (%)	0.0	Power(W)	249.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	41180.6	EEL	0.091

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.19

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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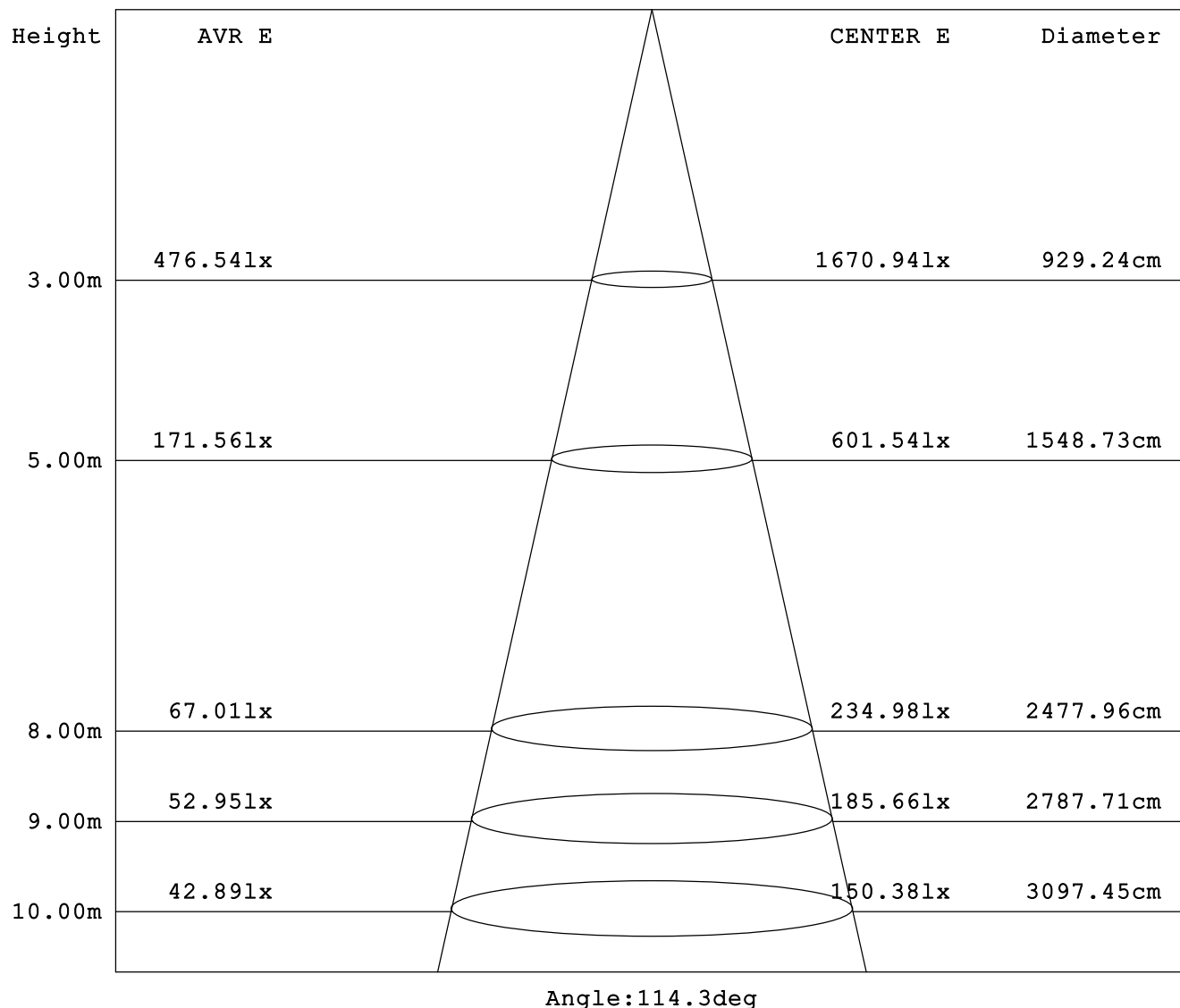
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1473	1473	1473	1475	1476	1477	1476	1475	0- 5	353.2	353.2
10.0	1454	1454	1455	1460	1461	1463	1461	1458	5- 10	1049	1403
15.0	1424	1424	1426	1433	1437	1438	1435	1429	10- 15	1714	3116
20.0	1383	1383	1386	1395	1400	1401	1397	1388	15- 20	2326	5442
25.0	1332	1329	1334	1345	1350	1354	1351	1338	20- 25	2867	8309
30.0	1269	1265	1272	1282	1290	1296	1291	1277	25- 30	3318	11627
35.0	1192	1190	1200	1211	1217	1224	1218	1202	30- 35	3663	15290
40.0	1101	1101	1111	1125	1135	1142	1135	1117	35- 40	3885	19175
45.0	1006	1002	1013	1029	1037	1044	1037	1018	40- 45	3972	23146
50.0	894.4	890.3	900.5	915.5	934.2	938.5	929.7	910.4	45- 50	3916	27062
55.0	771.7	767.3	777.6	795.2	808.8	816.8	804.6	784.5	50- 55	3708	30771
60.0	627.8	626.0	635.0	657.8	675.1	682.3	663.0	650.5	55- 60	3337	34107
65.0	477.6	479.8	492.1	512.1	514.8	529.8	508.9	497.3	60- 65	2811	36918
70.0	300.2	305.1	311.7	324.0	362.5	365.9	333.2	318.6	65- 70	2123	39041
75.0	153.5	163.4	171.5	189.1	192.3	204.1	178.7	178.4	70- 75	1325	40366
80.0	60.67	54.12	57.76	65.42	71.00	76.61	63.30	61.58	75- 80	632.9	40999
85.0	3.168	5.336	6.594	9.507	11.26	13.22	6.422	7.246	80- 85	163.1	41162
90.0	0.825	0.891	1.089	0.885	1.106	0.891	0.420	0.770	85- 90	18.22	41181
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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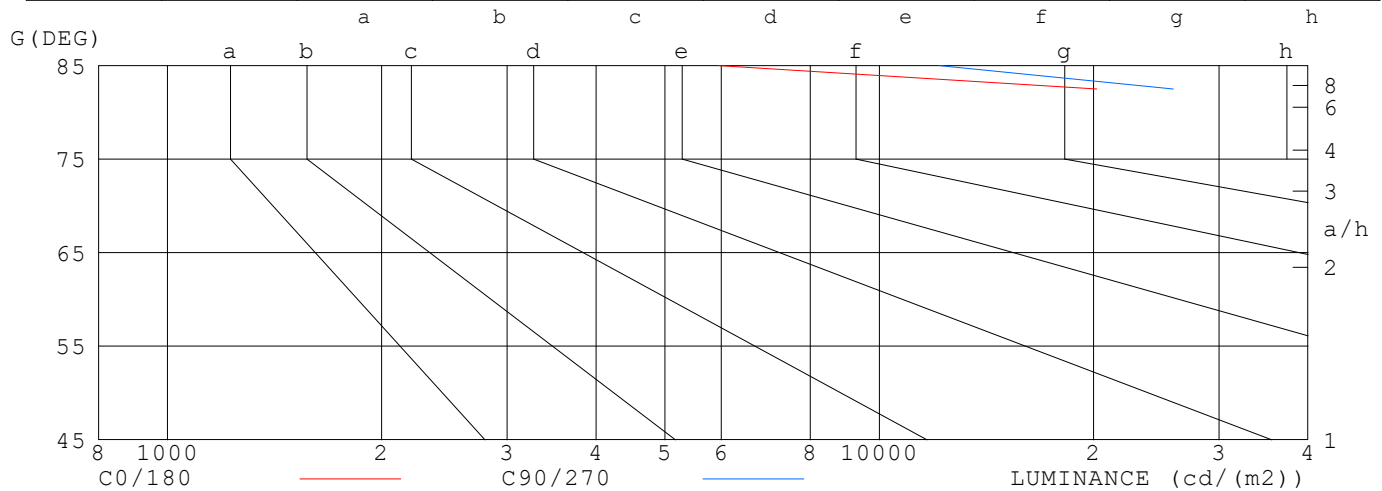
LUMINANCE LIMITATION CURVES

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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	5956	12158
80	57238	53453
75	97169	106508
70	143811	146478
65	185137	187143
60	205702	204098
55	220430	217865
50	227965	225146
45	233157	230159

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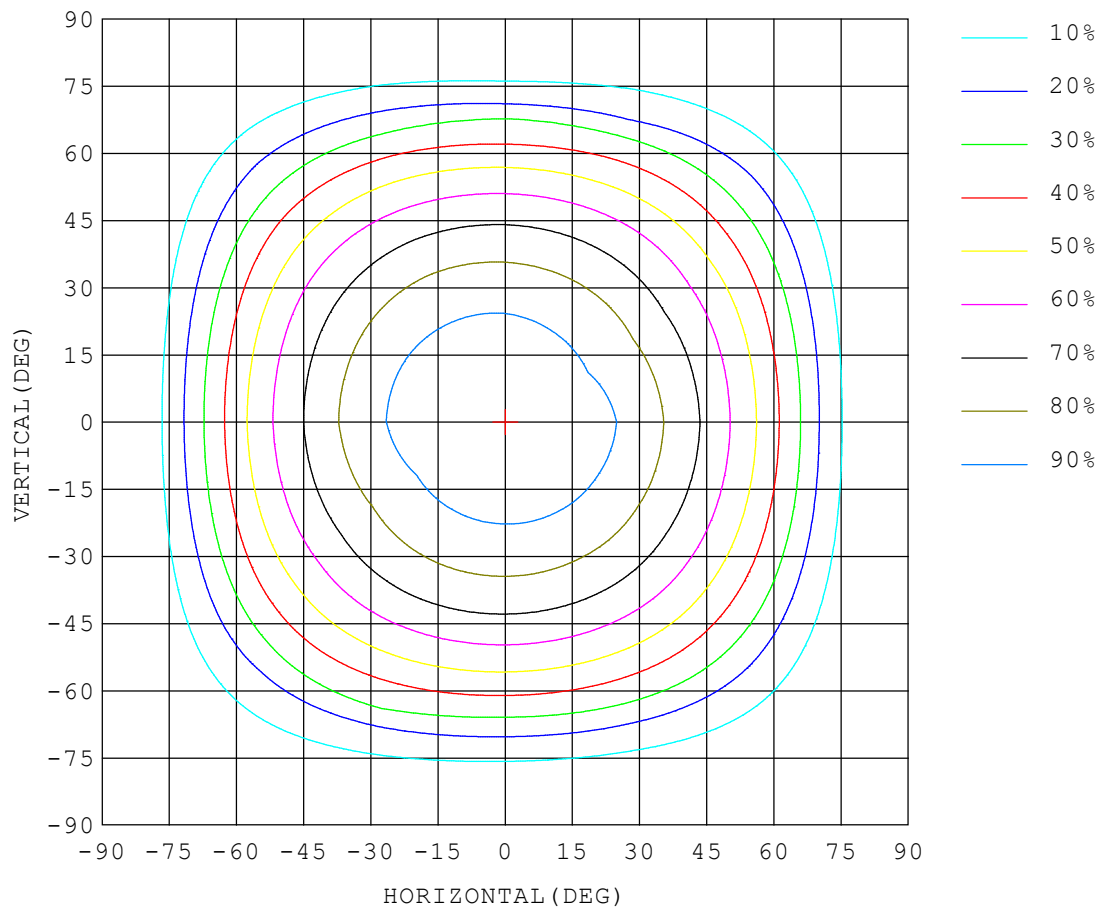
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ISOCANDELA DIAGRAM

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UNIT: cd



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