

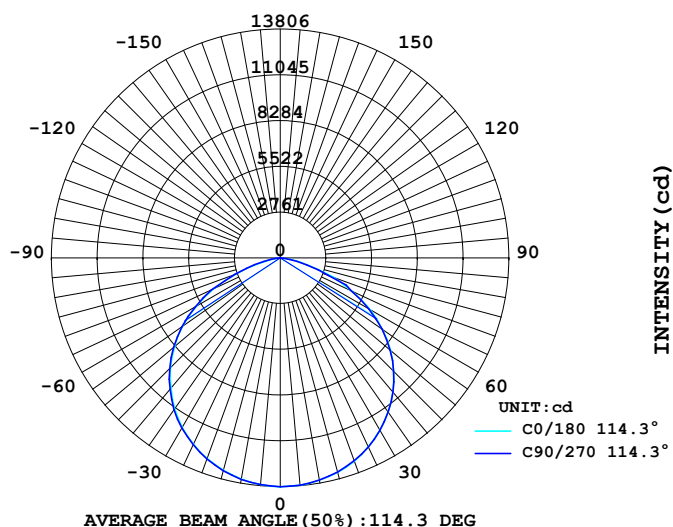
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

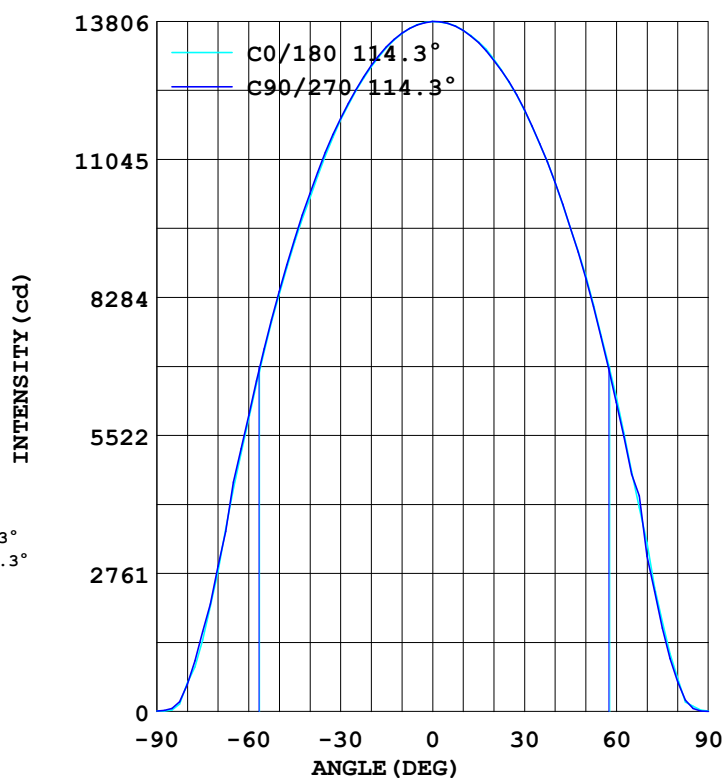
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N24040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	13806	S/MH (C0/180)	1.27
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	38399	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.7	Current(A)	1.058
NOMINAL FLUX(lm)	38398.6	η up (%)	0.0	Power(W)	240.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	38398.6	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

Report number:

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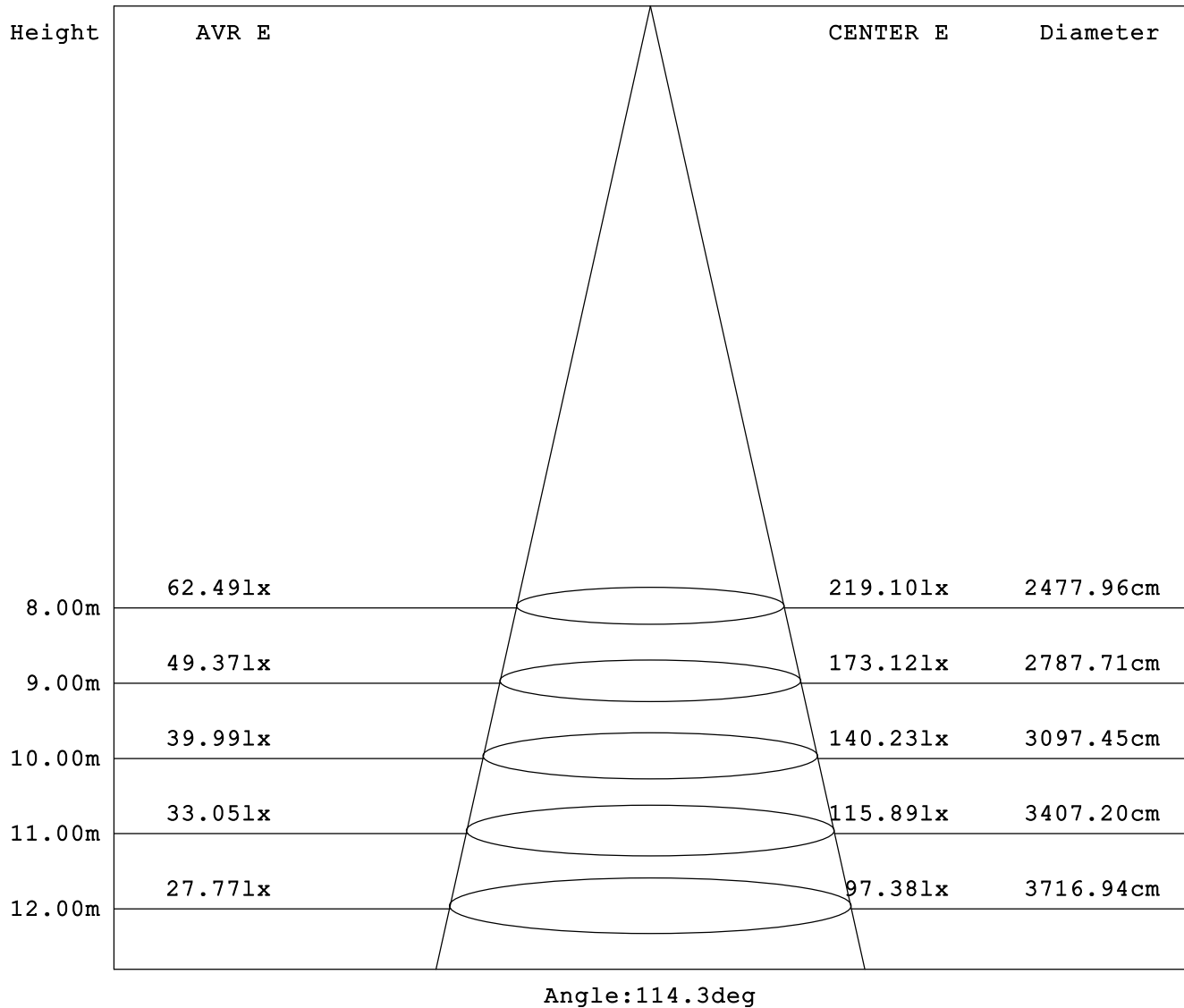
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1374	1373	1373	1376	1377	1377	1376	1375	0- 5	329.4	329.4
10.0	1356	1356	1357	1361	1363	1364	1362	1359	5- 10	978.4	1308
15.0	1328	1328	1330	1336	1340	1341	1338	1333	10- 15	1598	2906
20.0	1290	1290	1293	1301	1305	1306	1303	1294	15- 20	2169	5075
25.0	1242	1240	1244	1254	1259	1262	1260	1248	20- 25	2673	7748
30.0	1184	1180	1186	1196	1203	1208	1204	1191	25- 30	3094	10842
35.0	1111	1110	1119	1129	1135	1141	1136	1121	30- 35	3415	14257
40.0	1027	1027	1036	1049	1058	1064	1058	1041	35- 40	3622	17879
45.0	938.4	934.5	944.3	959.2	966.8	973.4	966.8	948.9	40- 45	3703	21583
50.0	834.0	830.1	839.7	853.7	871.1	875.1	866.9	848.9	45- 50	3651	25234
55.0	719.6	715.5	725.0	741.5	754.1	761.6	750.2	731.5	50- 55	3458	28692
60.0	585.4	583.7	592.1	613.4	629.5	636.2	618.2	606.6	55- 60	3111	31803
65.0	445.3	447.4	458.9	477.5	480.0	494.0	474.5	463.7	60- 65	2621	34424
70.0	279.9	284.5	290.6	302.1	338.0	341.2	310.6	297.1	65- 70	1979	36404
75.0	143.1	152.4	159.9	176.3	179.3	190.3	166.6	166.4	70- 75	1236	37639
80.0	56.57	50.46	53.85	61.00	66.20	71.43	59.02	57.42	75- 80	590.1	38230
85.0	2.954	4.975	6.148	8.865	10.50	12.32	5.988	6.756	80- 85	152.1	38382
90.0	0.769	0.831	1.015	0.826	1.031	0.831	0.392	0.718	85- 90	16.99	38399
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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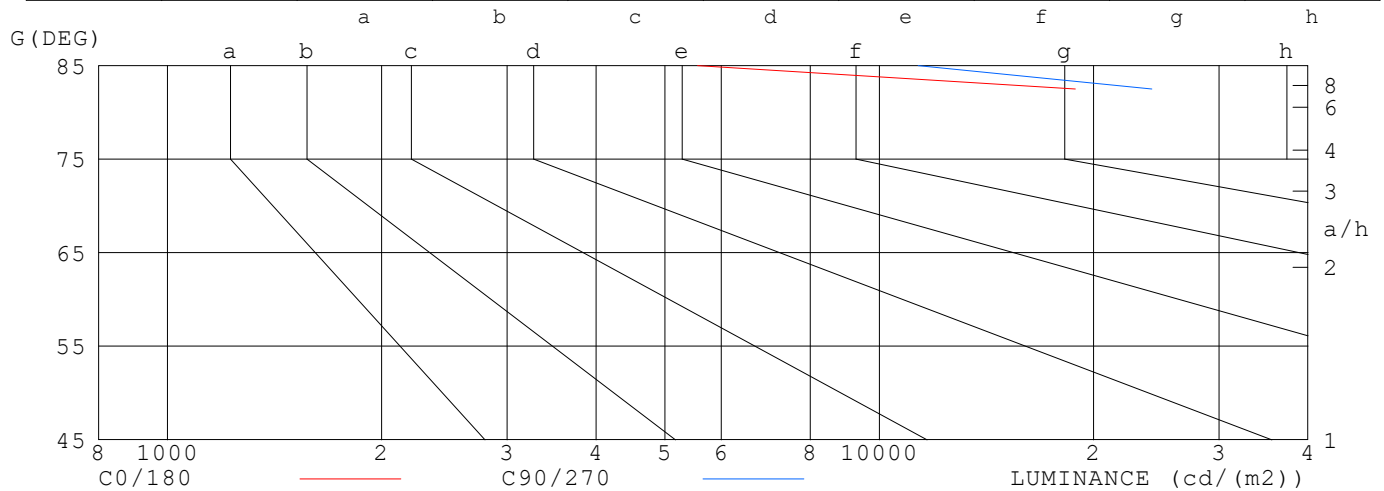
LUMINANCE LIMITATION CURVES

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	5553	11337
80	53371	49842
75	90604	99313
70	134096	136583
65	172630	174500
60	191805	190310
55	205539	203147
50	212565	209936
45	217405	214611

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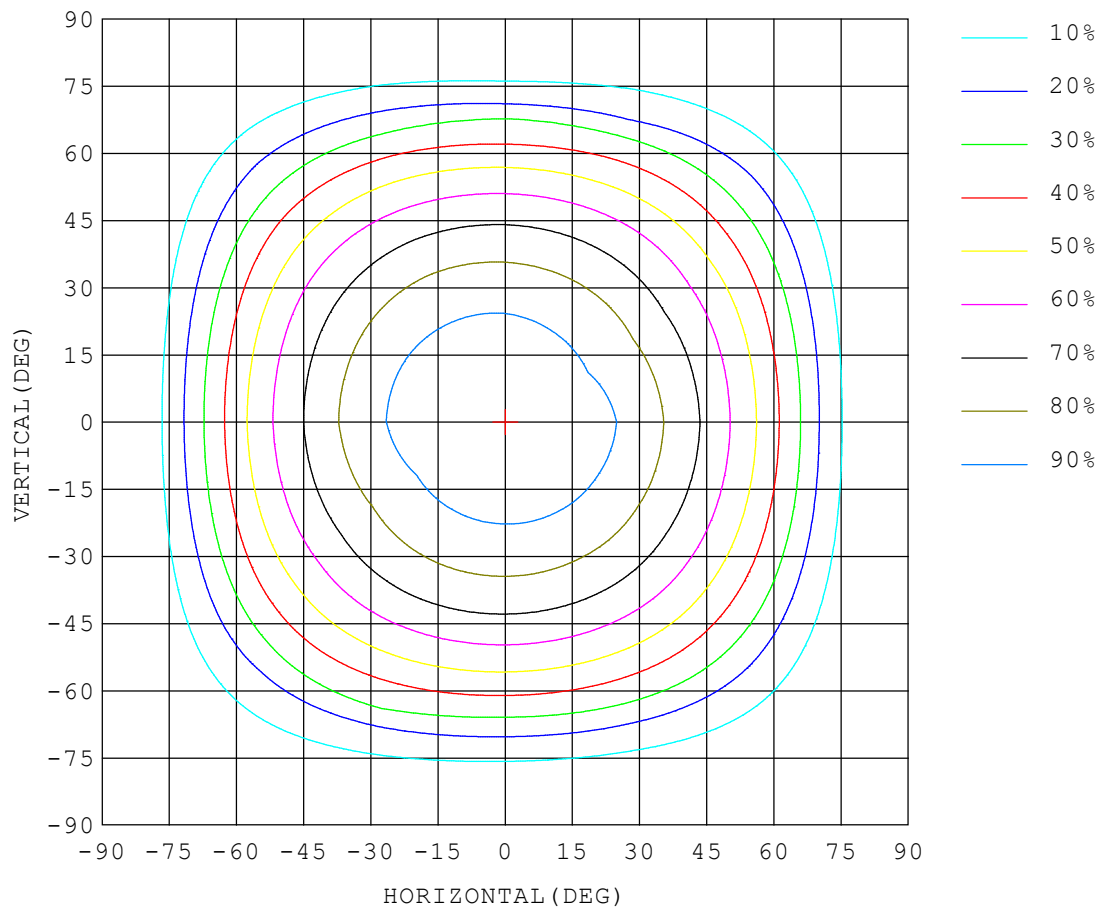
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ISOCANDELA DIAGRAM

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UNIT: cd



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