

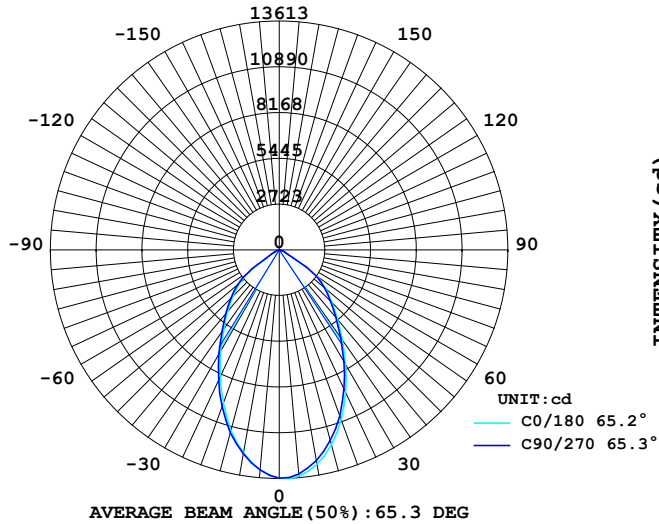
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

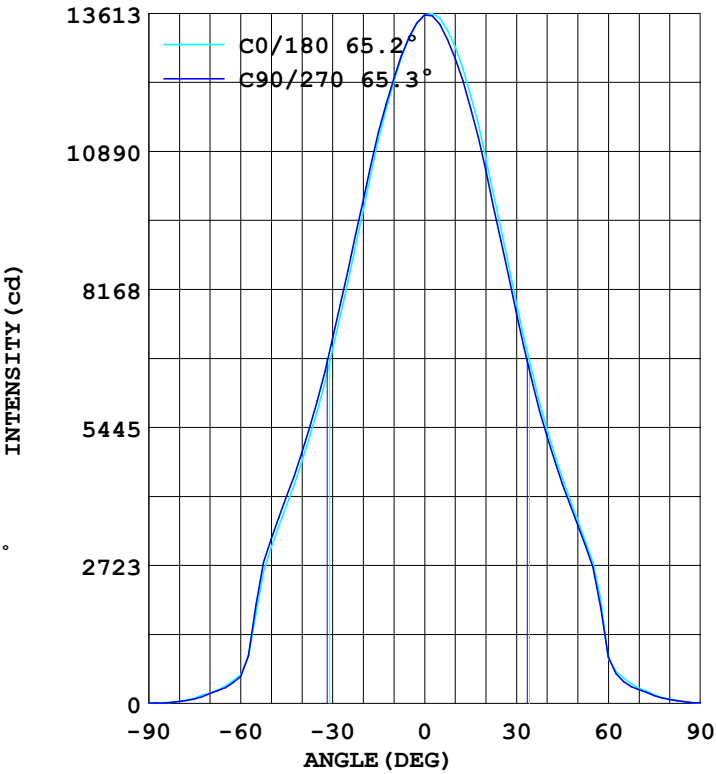
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	13613	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18616	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.2	Current(A)	0.528
NOMINAL FLUX(lm)	18616.2	η up (%)	0.0	Power(W)	119.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	18616.2	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

Color Temperature Data List

Report number:

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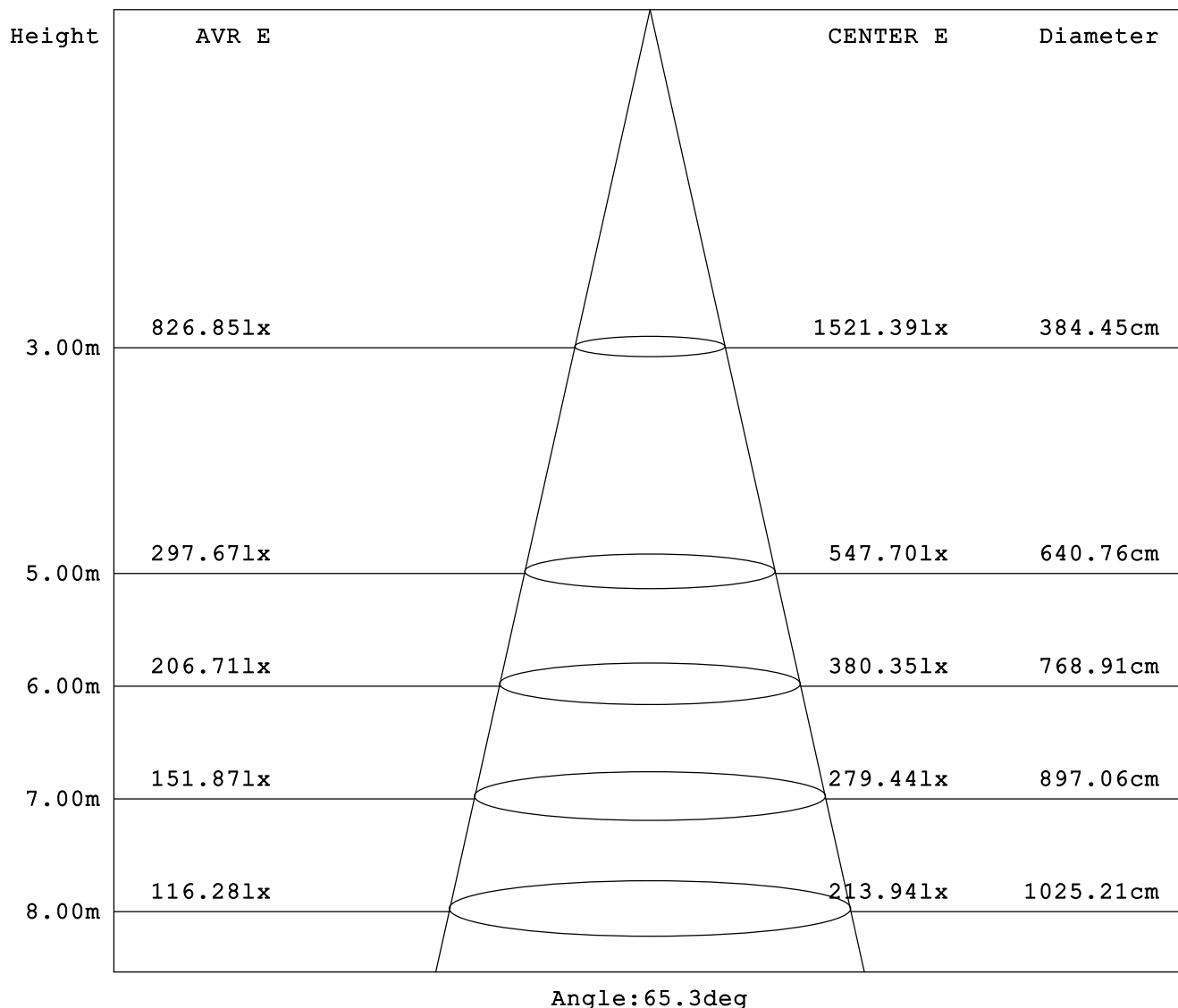
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Temperature: 25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1313	1314	1314	1322	1352	1347	1339	1337	0- 5	321.2	321.2
10.0	1227	1229	1232	1246	1295	1288	1272	1265	5- 10	924.6	1246
15.0	1112	1116	1126	1136	1199	1193	1174	1162	10- 15	1428	2674
20.0	973.6	983.6	993.3	1006	1078	1072	1053	1038	15- 20	1793	4467
25.0	831.5	846.6	853.7	870.9	936.3	931.2	912.0	898.0	20- 25	1999	6466
30.0	698.3	709.9	720.6	731.4	789.3	786.1	769.9	757.5	25- 30	2060	8526
35.0	576.6	586.1	596.7	603.4	656.2	651.3	638.2	627.6	30- 35	2000	10525
40.0	477.8	486.8	495.4	499.7	540.1	534.8	526.3	516.3	35- 40	1872	12397
45.0	390.6	398.6	408.6	410.8	443.3	438.7	431.9	424.6	40- 45	1713	14110
50.0	307.1	317.7	324.3	330.4	360.9	357.1	351.5	345.2	45- 50	1524	15635
55.0	178.4	239.5	195.7	251.0	278.8	279.7	269.1	266.9	50- 55	1272	16907
60.0	56.49	147.8	53.27	160.5	89.28	199.0	92.53	184.7	55- 60	843.7	17751
65.0	34.51	60.59	31.12	67.96	50.42	108.5	43.11	95.46	60- 65	441.3	18192
70.0	20.82	27.29	19.57	30.02	30.01	40.10	27.47	37.45	65- 70	218.4	18411
75.0	10.24	14.94	9.286	16.63	17.36	20.63	15.70	19.09	70- 75	114.4	18525
80.0	4.419	5.747	3.826	6.633	8.726	9.792	7.968	8.679	75- 80	58.77	18584
85.0	1.214	1.789	1.076	2.033	3.405	2.860	3.230	2.566	80- 85	23.73	18608
90.0	1.089	1.272	0.824	1.270	1.252	0.970	1.304	0.991	85- 90	8.405	18616
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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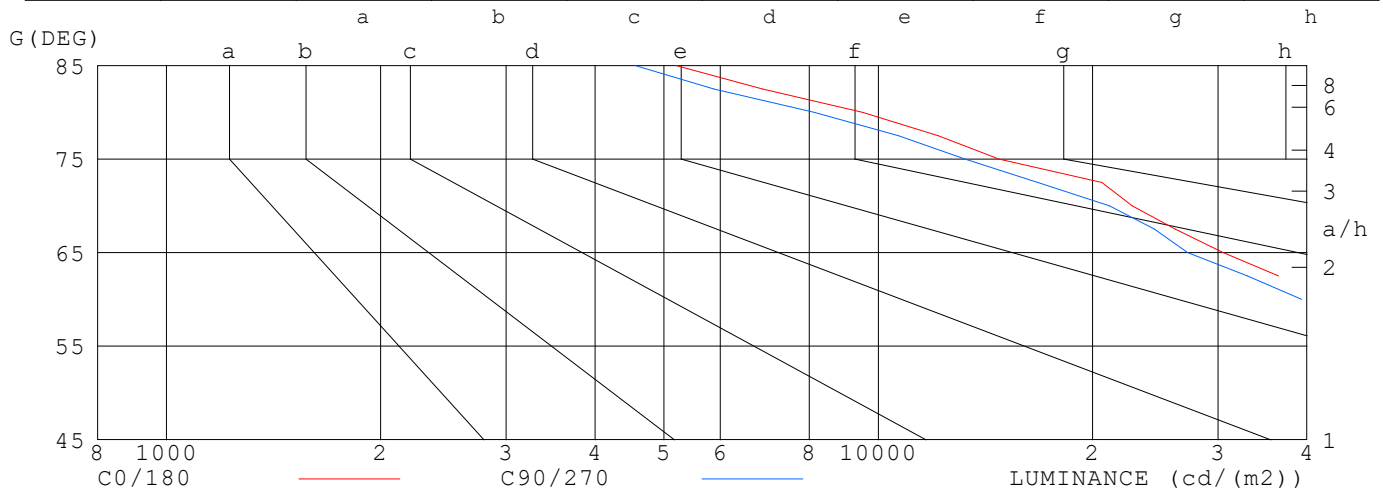
LUMINANCE LIMITATION CURVES

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	5204	4560
80	9505	8132
75	14778	13243
70	22736	21122
65	30504	27185
60	42195	39324
55	116177	125959
50	178426	186254
45	206310	213293

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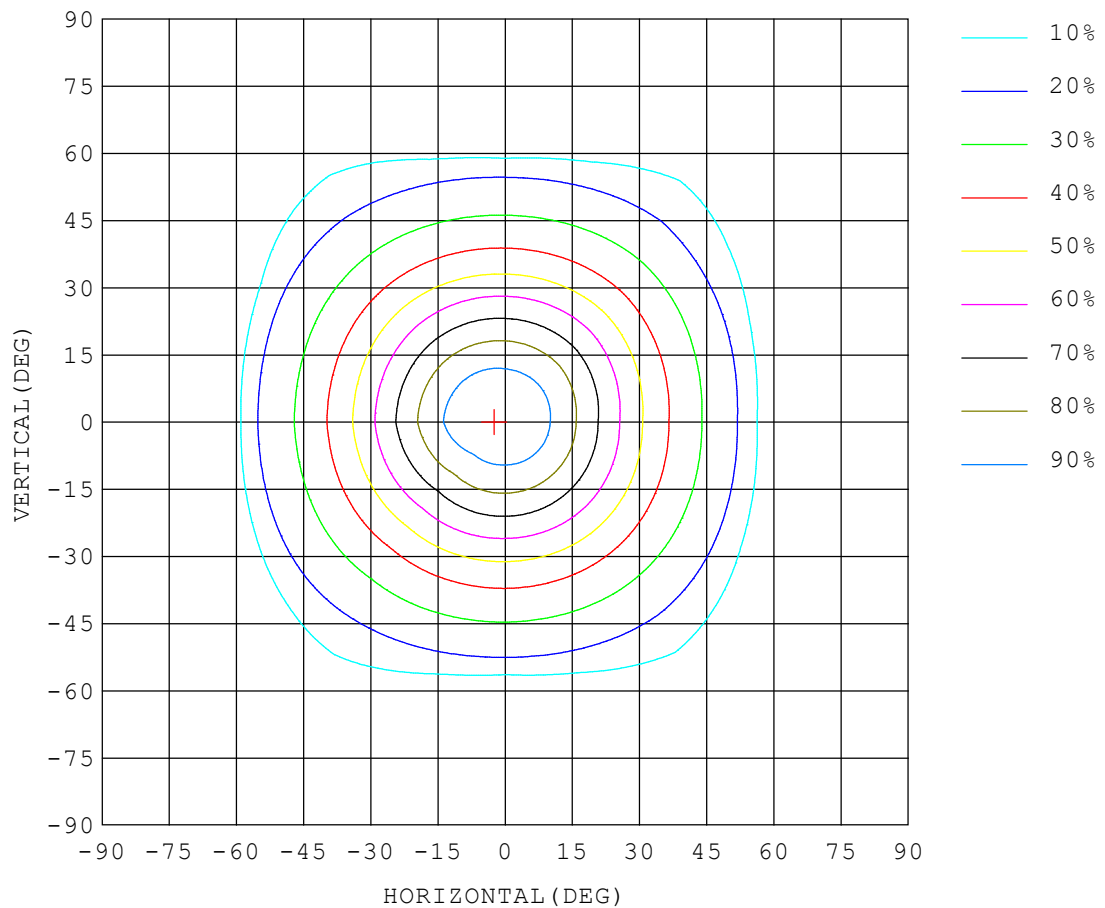
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ISOCANDELA DIAGRAM

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UNIT: cd



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