

LUMINAIRE PHOTOMETRIC TEST REPORT

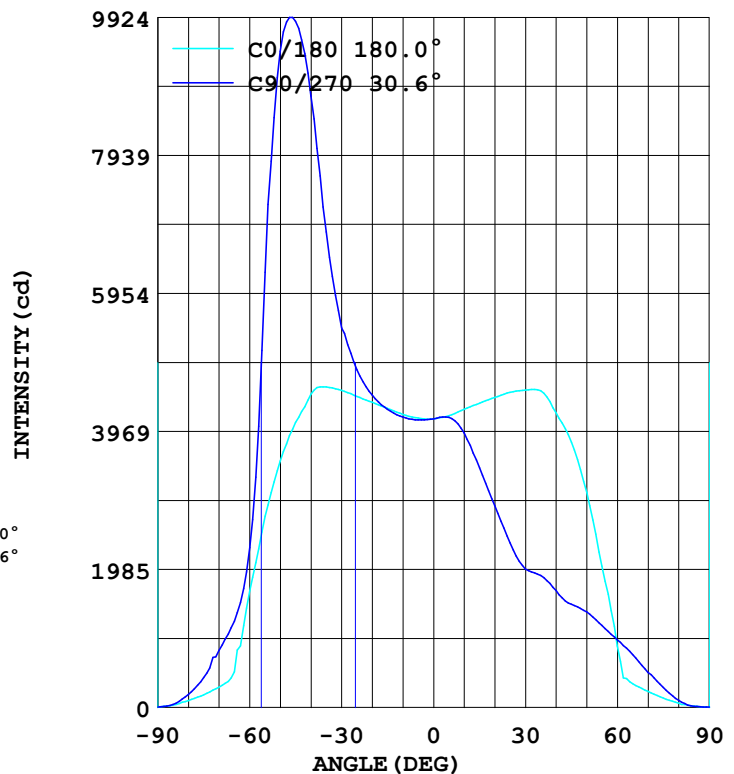
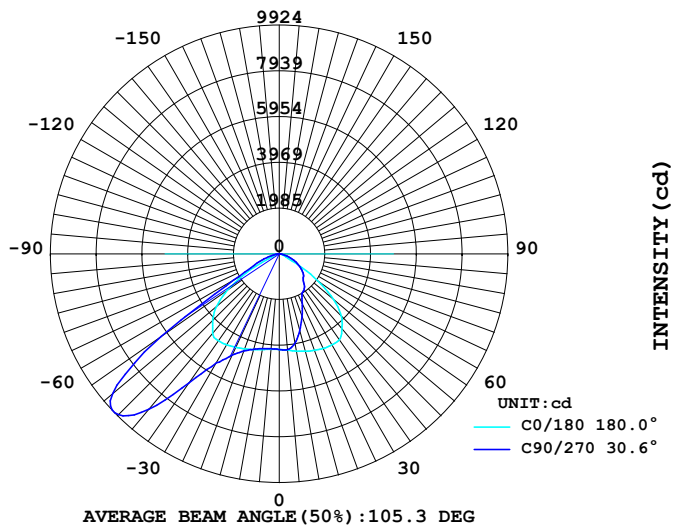
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10009	S/MH (C0/180)	1.63
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	2.06
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	13589	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.8	Current(A)	0.443
NOMINAL FLUX(lm)	13589.0	η up (%)	0.0	Power(W)	100.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	13589.0	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.20

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

Color Temperature Data List

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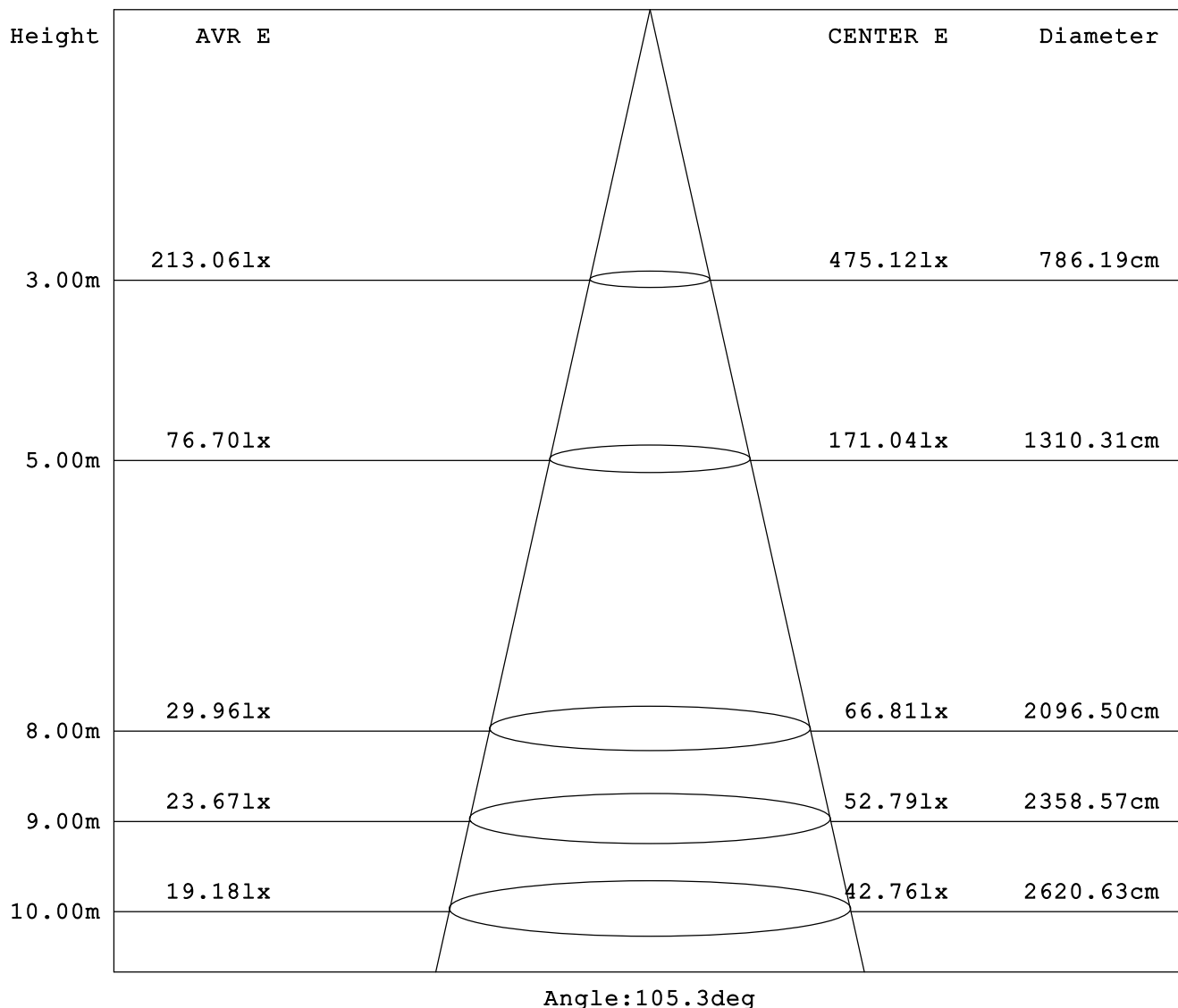
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AVERAGE AND CENTER E Figure

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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	416.1	414.3	413.4	414.6	419.7	419.1	417.2	418.9	0- 5	99.48	99.48
10.0	421.5	419.4	417.4	420.1	428.9	411.1	394.5	406.0	5- 10	297.9	397.4
15.0	430.2	431.0	428.6	432.3	437.7	386.9	344.3	365.5	10- 15	488.8	886.2
20.0	438.6	451.0	449.0	456.2	445.6	345.0	290.4	314.3	15- 20	665.3	1552
25.0	447.3	481.6	485.3	497.9	453.1	294.4	236.9	261.7	20- 25	830.9	2383
30.0	455.8	526.1	545.8	568.2	456.4	241.7	199.2	208.9	25- 30	999.4	3382
35.0	460.8	589.3	683.5	678.1	455.6	190.2	189.8	179.3	30- 35	1201	4583
40.0	450.4	652.4	879.1	841.9	423.5	148.4	168.0	160.9	35- 40	1454	6037
45.0	409.7	695.1	986.5	946.6	381.2	121.3	148.2	131.3	40- 45	1680	7717
50.0	354.0	652.2	943.1	909.1	309.2	94.37	137.2	113.7	45- 50	1754	9471
55.0	274.8	526.1	625.8	706.1	203.0	74.40	117.9	100.2	50- 55	1549	11020
60.0	167.6	386.1	229.7	408.2	88.64	60.39	97.24	81.76	55- 60	1080	12101
65.0	51.49	263.2	123.9	210.7	34.41	46.35	76.23	63.07	60- 65	705.3	12806
70.0	29.45	132.0	81.98	93.10	23.01	30.75	50.28	42.76	65- 70	432.3	13238
75.0	18.38	28.97	43.16	30.31	13.49	15.54	28.58	23.55	70- 75	213.3	13452
80.0	10.00	13.80	18.72	12.38	6.332	5.887	10.51	8.902	75- 80	94.66	13546
85.0	3.493	4.234	4.353	3.837	2.010	1.378	1.765	1.638	80- 85	34.67	13581
90.0	0.739	0.914	0.504	0.574	0.449	0.413	0.597	0.403	85- 90	7.969	13589
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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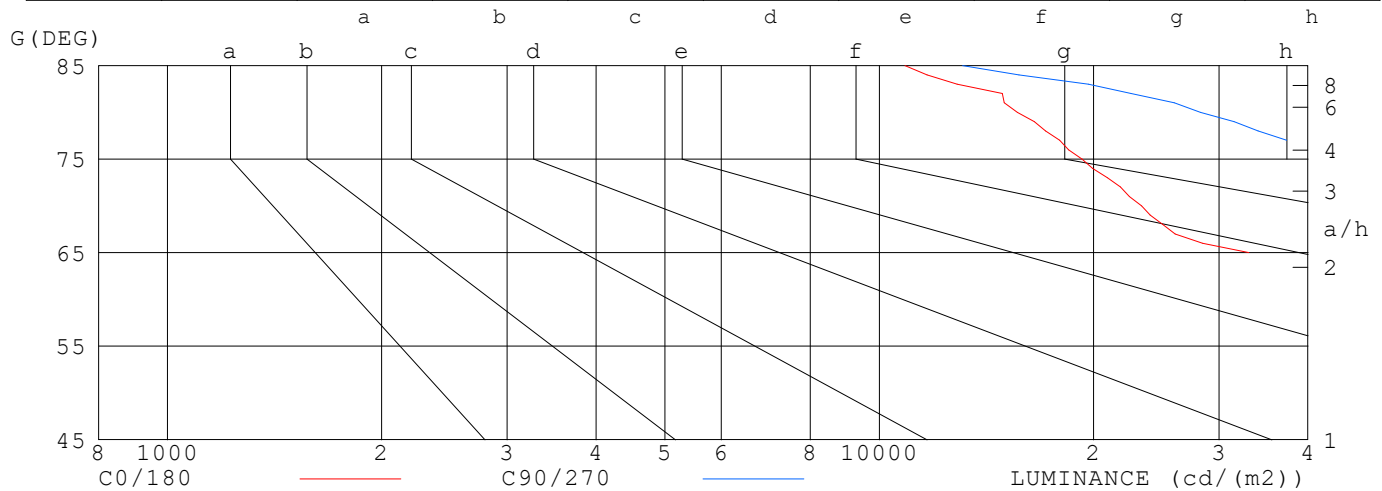
LUMINANCE LIMITATION CURVES

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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	10867	13099
80	15624	28274
75	19258	43742
70	23348	62871
65	33032	76913
60	90907	120499
55	129913	286188
50	149312	384843
45	157069	365903

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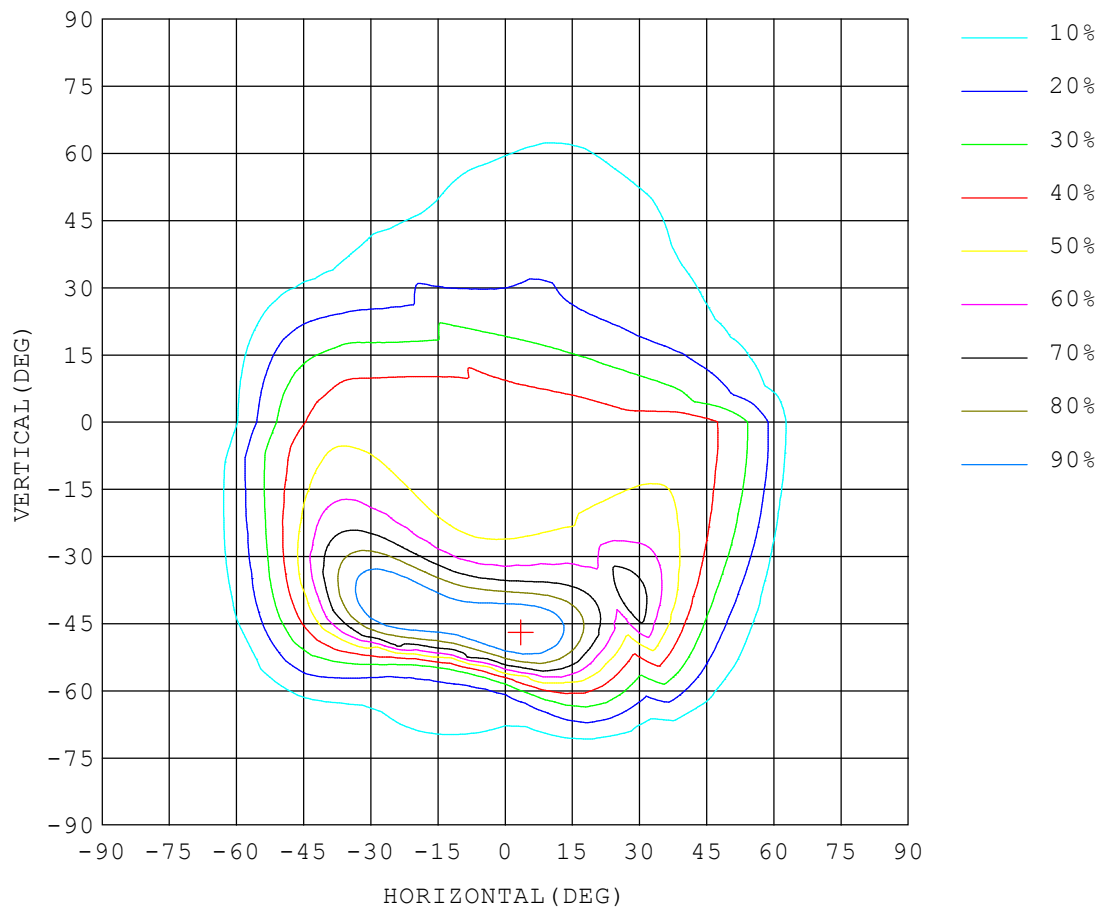
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ISOCANDELA DIAGRAM

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UNIT: cd



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