

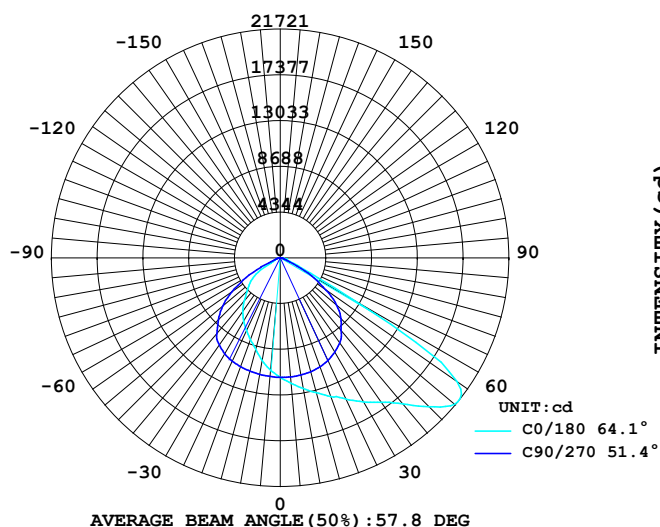
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

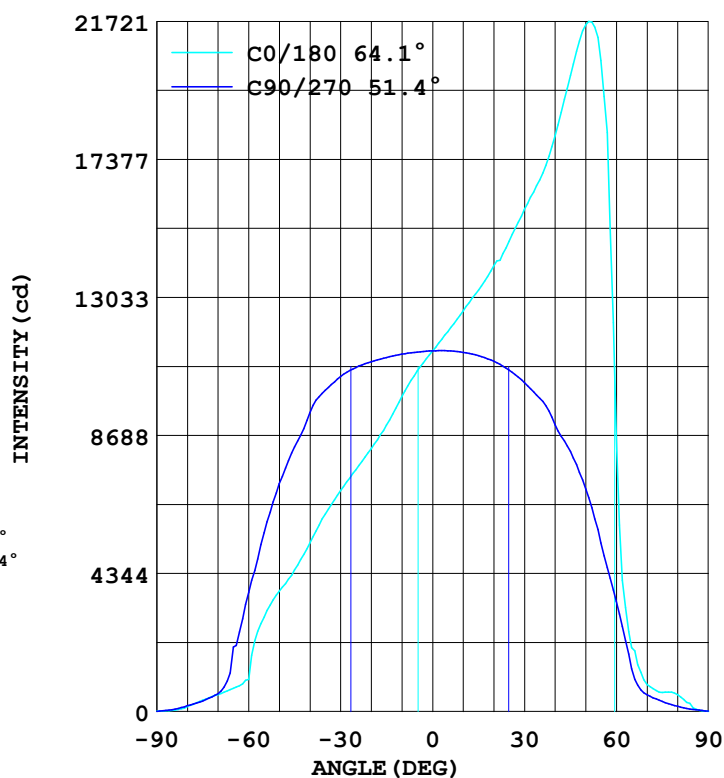
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	22346	S/MH (C0/180)	0.93
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.38
NOMINAL POWER(W)	250	TOTAL FLUX(lm)	34922	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.7	Current(A)	1.099
NOMINAL FLUX(lm)	34922.5	η up (%)	0.0	Power(W)	249.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	34922.5	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.21

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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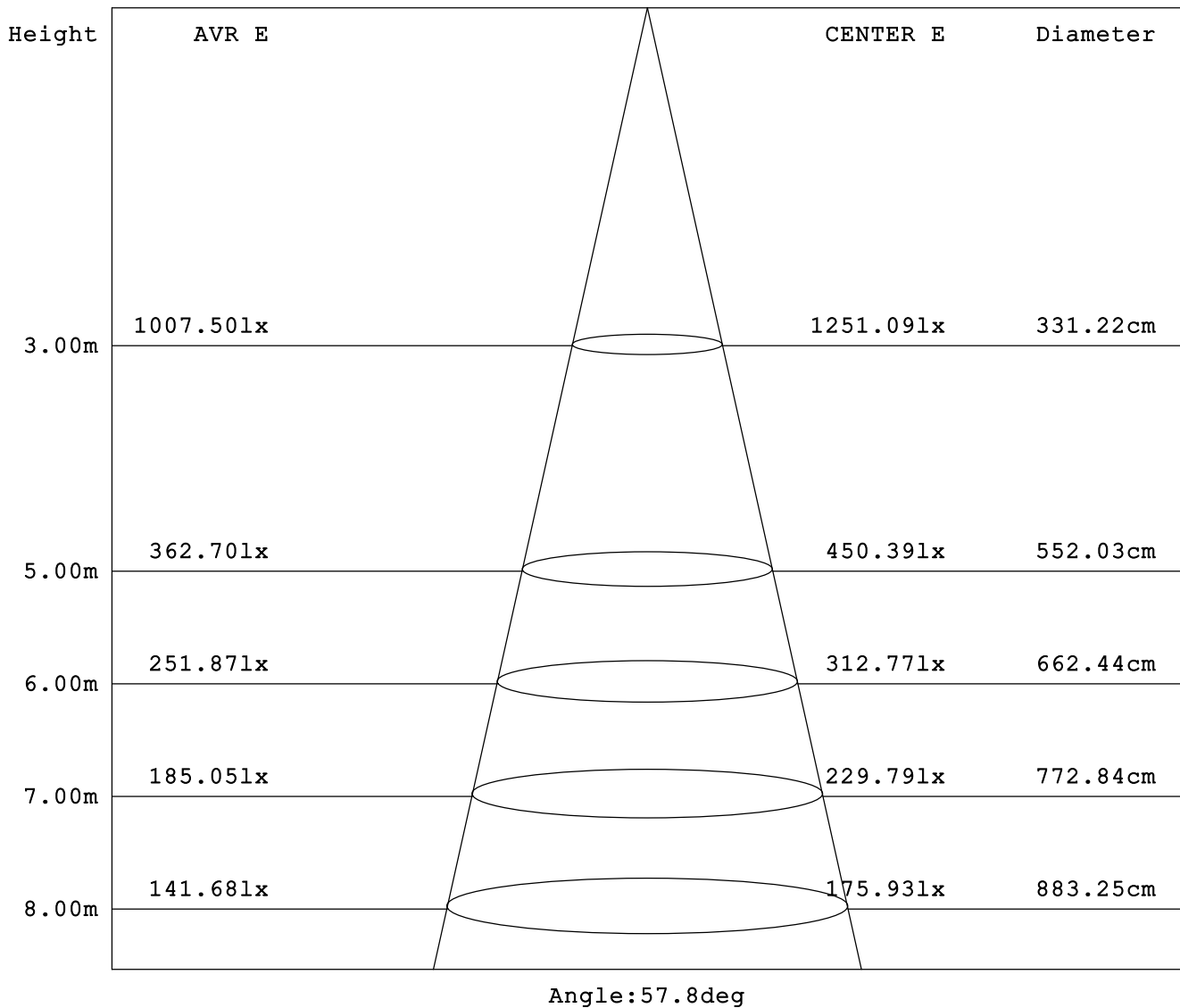
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Operators:
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AVERAGE AND CENTER E Figure

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1071	1088	1131	1176	1196	1178	1135	1090	0- 5	271.1	271.1
10.0	990.3	1031	1124	1218	1261	1223	1130	1035	5- 10	808.4	1080
15.0	901.5	964.2	1114	1265	1327	1272	1120	967.2	10- 15	1330	2410
20.0	827.5	890.2	1101	1315	1402	1323	1102	892.1	15- 20	1831	4241
25.0	760.8	818.1	1083	1372	1480	1379	1074	818.9	20- 25	2314	6554
30.0	695.3	749.5	1054	1433	1580	1442	1035	749.2	25- 30	2775	9329
35.0	620.8	671.9	1011	1493	1673	1506	985.4	669.3	30- 35	3200	12529
40.0	530.4	574.8	940.2	1542	1812	1566	902.1	574.7	35- 40	3561	16090
45.0	445.3	467.3	832.4	1565	2001	1598	818.7	470.9	40- 45	3837	19927
50.0	378.5	338.2	716.3	1516	2162	1568	699.8	348.3	45- 50	4037	23963
55.0	296.9	216.0	562.8	1325	2049	1383	530.0	223.5	50- 55	4041	28004
60.0	100.9	114.8	374.8	1100	869.3	1167	347.3	123.2	55- 60	3469	31473
65.0	72.73	67.07	203.0	738.8	201.0	826.5	134.9	70.20	60- 65	2086	33559
70.0	53.35	46.11	55.99	163.2	85.25	180.9	52.56	48.07	65- 70	850.8	34410
75.0	35.75	25.54	33.01	45.95	60.42	45.90	31.80	27.26	70- 75	274.7	34685
80.0	15.28	11.26	18.59	23.52	53.27	23.11	16.20	11.98	75- 80	150.4	34835
85.0	3.630	3.593	5.954	9.009	11.76	9.050	6.112	3.964	80- 85	68.69	34904
90.0	1.540	1.187	0.845	1.344	0.731	1.753	1.116	1.150	85- 90	18.56	34922
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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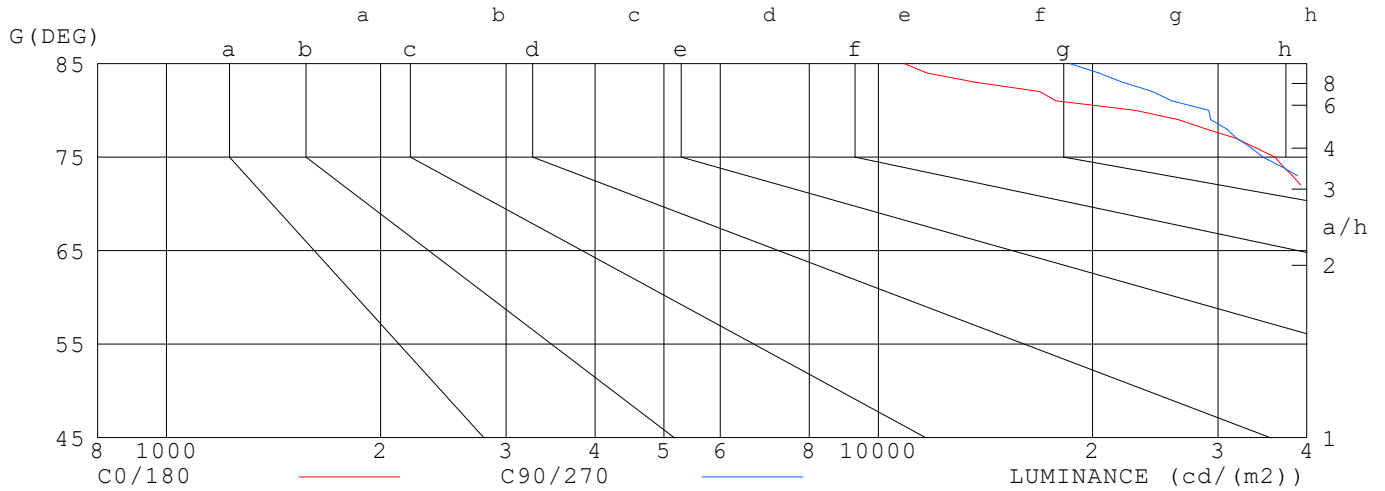
LUMINANCE LIMITATION CURVES

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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	10878	18577
80	22985	29119
75	36076	34689
70	40734	44520
65	44940	130668
60	52694	203866
55	135179	266823
50	153797	303026
45	164473	320104

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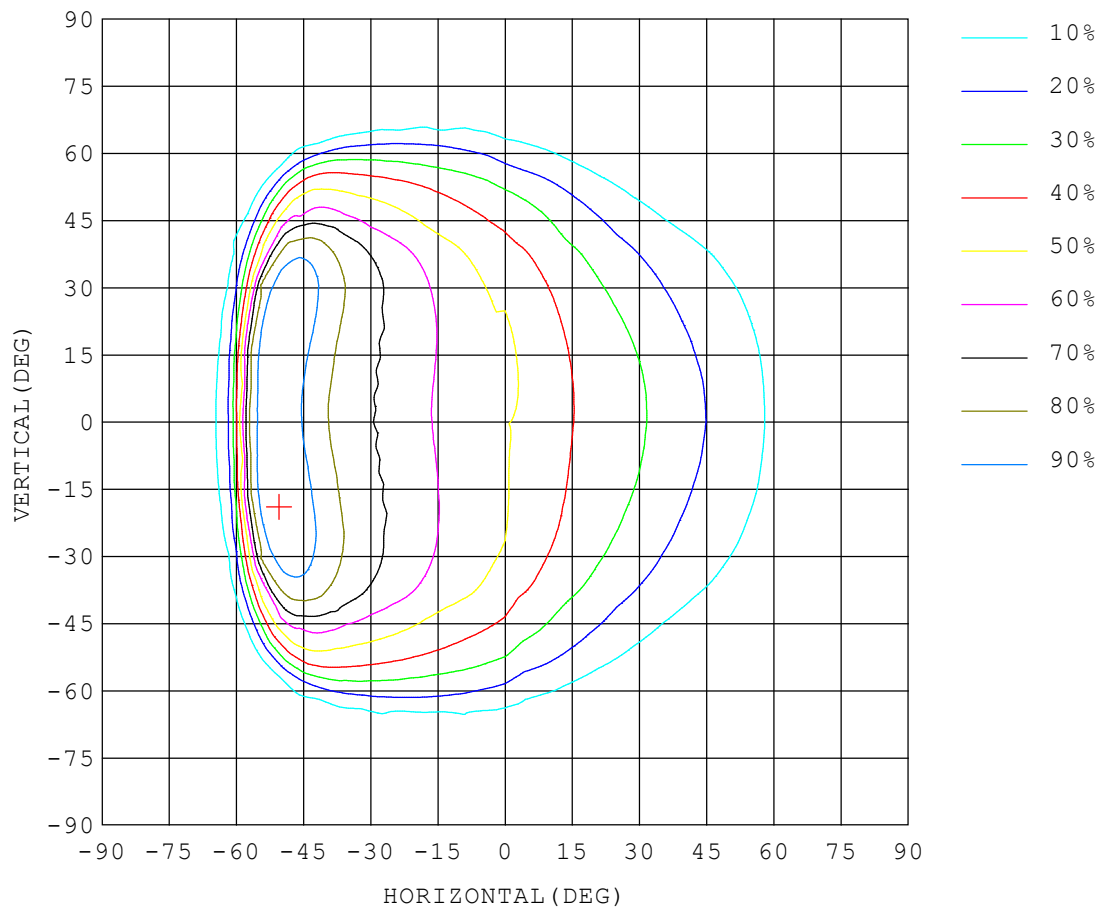
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ISOCANDELA DIAGRAM

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UNIT: cd



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