

LUMINAIRE PHOTOMETRIC TEST REPORT

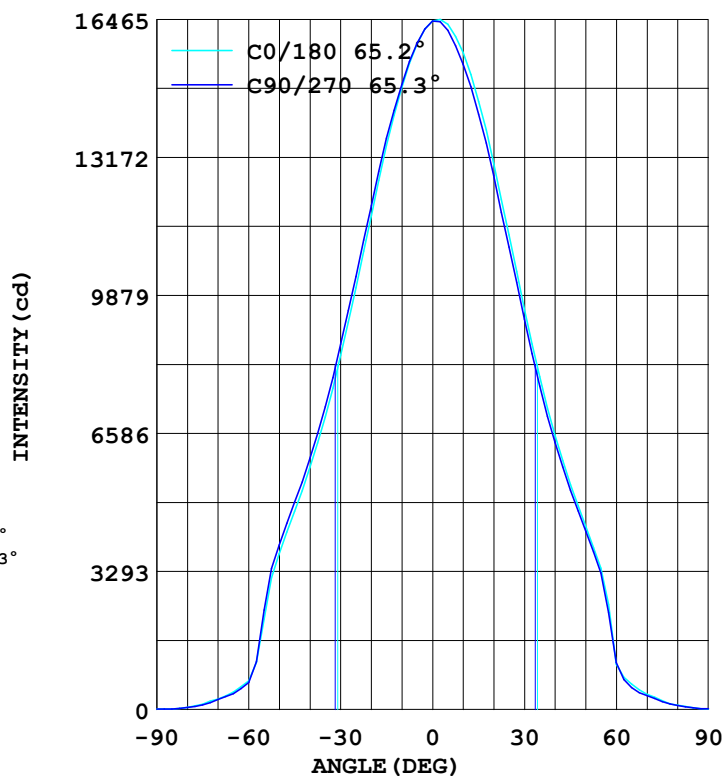
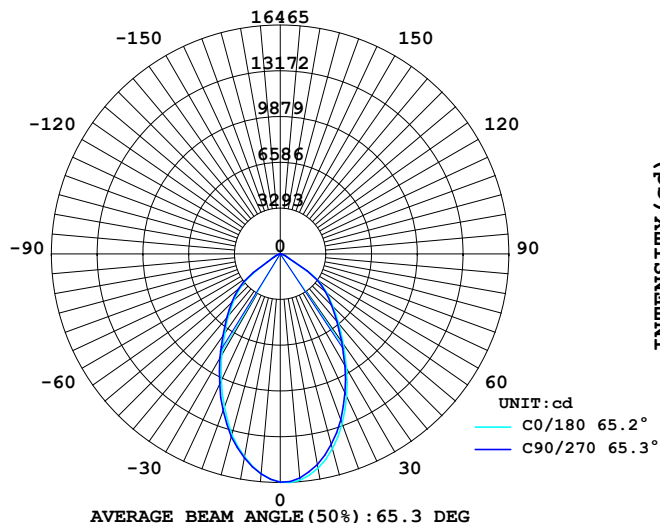
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	16465	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	150	TOTAL FLUX (lm)	22516	Voltage (V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.1	Current (A)	0.660
NOMINAL FLUX (lm)	22516.2	η up (%)	0.0	Power (W)	149.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux (lm)	22516.2	EEI	0.100

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

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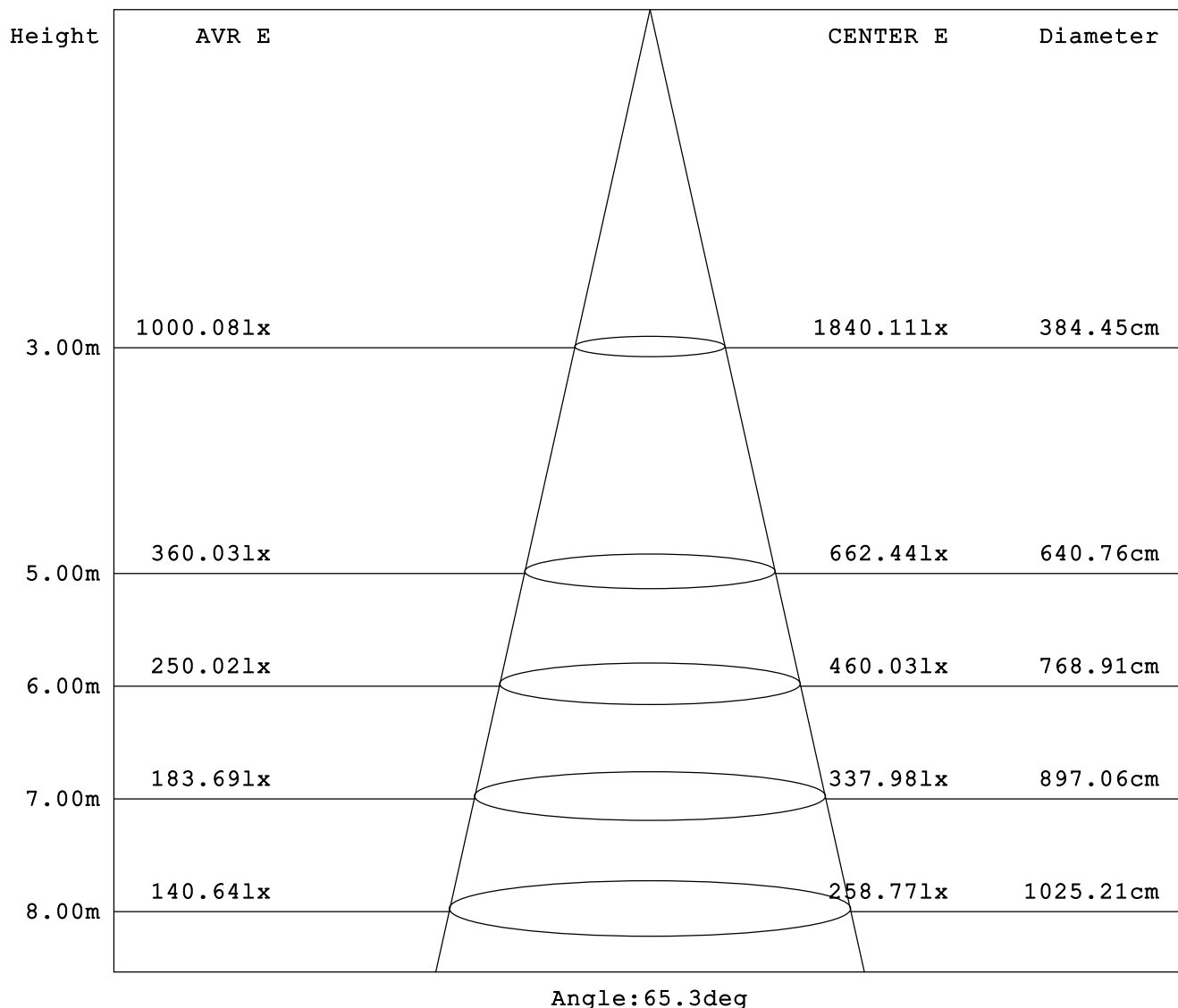
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1588	1590	1590	1599	1635	1629	1620	1617	0- 5	388.5	388.5
10.0	1484	1486	1490	1507	1567	1558	1539	1530	5- 10	1118	1507
15.0	1346	1350	1362	1374	1450	1443	1420	1405	10- 15	1727	3234
20.0	1178	1190	1201	1216	1303	1297	1274	1255	15- 20	2168	5403
25.0	1006	1024	1033	1053	1132	1126	1103	1086	20- 25	2418	7820
30.0	844.6	858.6	871.6	884.6	954.6	950.8	931.2	916.2	25- 30	2492	10312
35.0	697.4	708.9	721.7	729.8	793.6	787.7	771.9	759.1	30- 35	2419	12730
40.0	577.9	588.8	599.2	604.4	653.2	646.8	636.6	624.4	35- 40	2264	14995
45.0	472.4	482.2	494.2	496.9	536.1	530.6	522.4	513.6	40- 45	2072	17067
50.0	371.4	384.3	392.3	399.6	436.5	432.0	425.1	417.5	45- 50	1844	18910
55.0	215.8	289.7	236.7	303.6	337.2	338.3	325.5	322.9	50- 55	1539	20449
60.0	68.32	178.8	64.43	194.1	107.9	240.7	111.9	223.4	55- 60	1020	21470
65.0	41.75	73.29	37.64	82.19	60.98	131.2	52.14	115.4	60- 65	533.7	22004
70.0	25.18	33.01	23.67	36.31	36.29	48.50	33.23	45.29	65- 70	264.1	22268
75.0	12.38	18.07	11.23	20.11	21.00	24.95	19.00	23.10	70- 75	138.4	22406
80.0	5.345	6.951	4.627	8.023	10.55	11.84	9.638	10.49	75- 80	71.08	22477
85.0	1.468	2.164	1.302	2.459	4.119	3.460	3.907	3.104	80- 85	28.70	22506
90.0	1.317	1.539	0.996	1.537	1.514	1.173	1.578	1.198	85- 90	10.16	22516
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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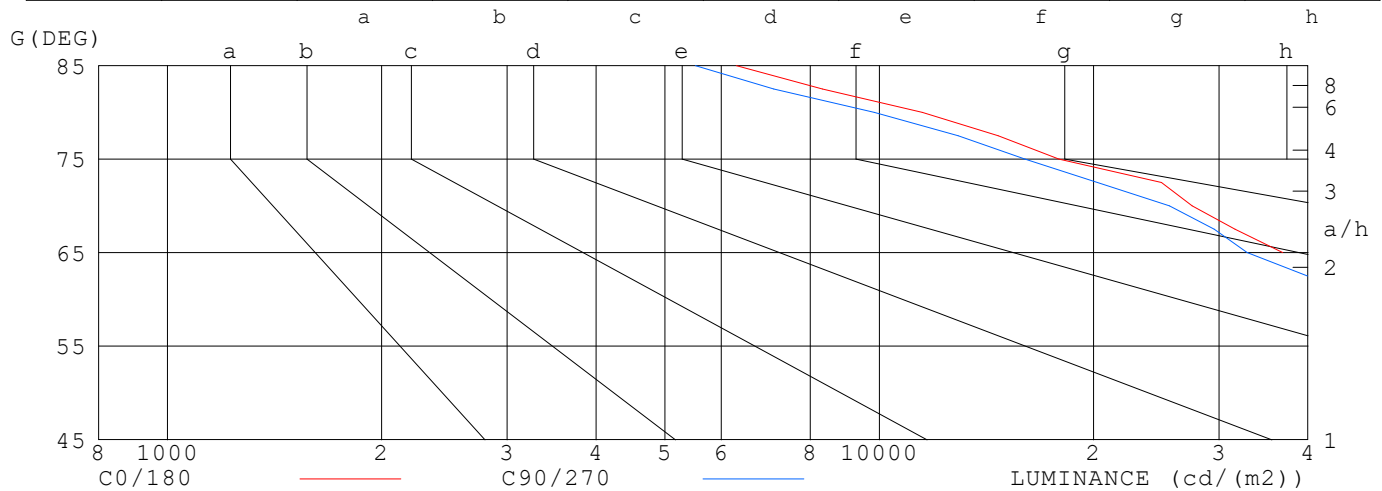
LUMINANCE LIMITATION CURVES

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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	6294	5516
80	11497	9836
75	17874	16017
70	27499	25547
65	36894	32880
60	51035	47563
55	140515	152347
50	215806	225273
45	249531	257977

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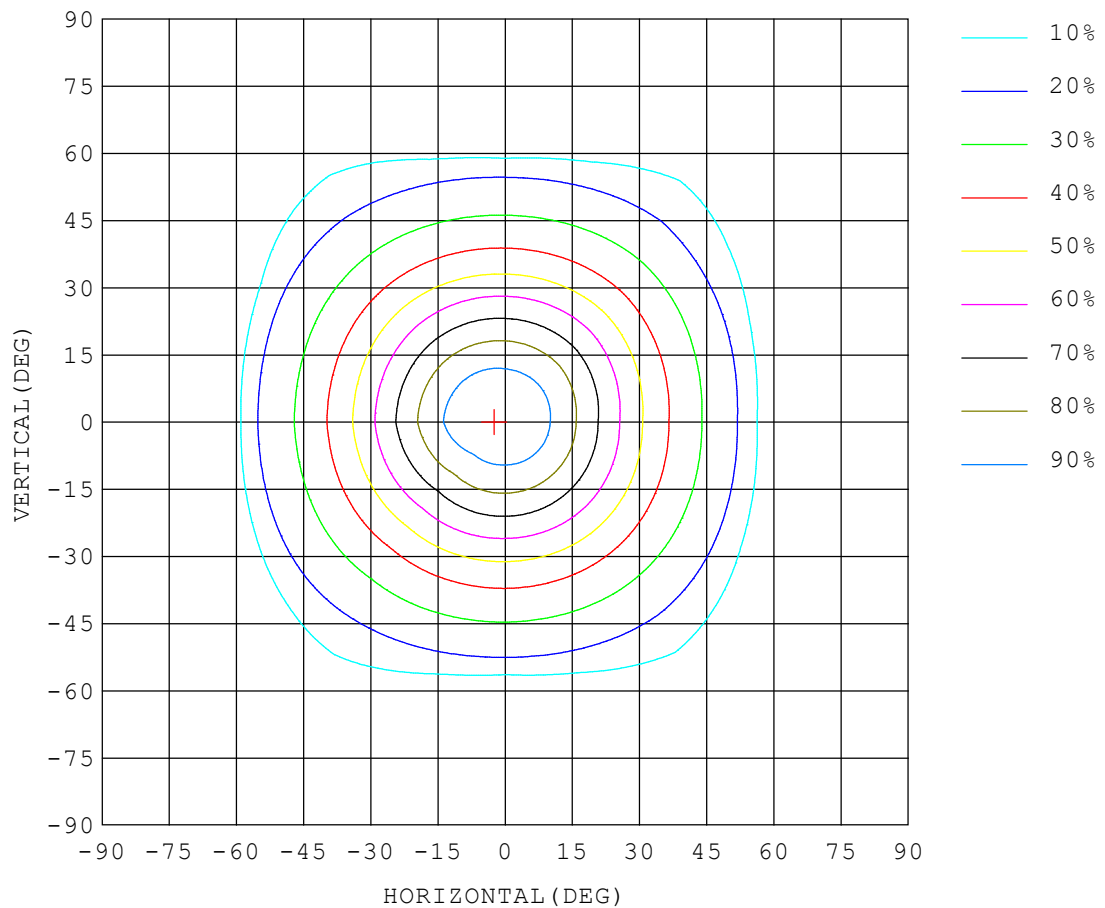
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ISOCANDELA DIAGRAM

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UNIT: cd



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