

# LUMINAIRE PHOTOMETRIC TEST REPORT

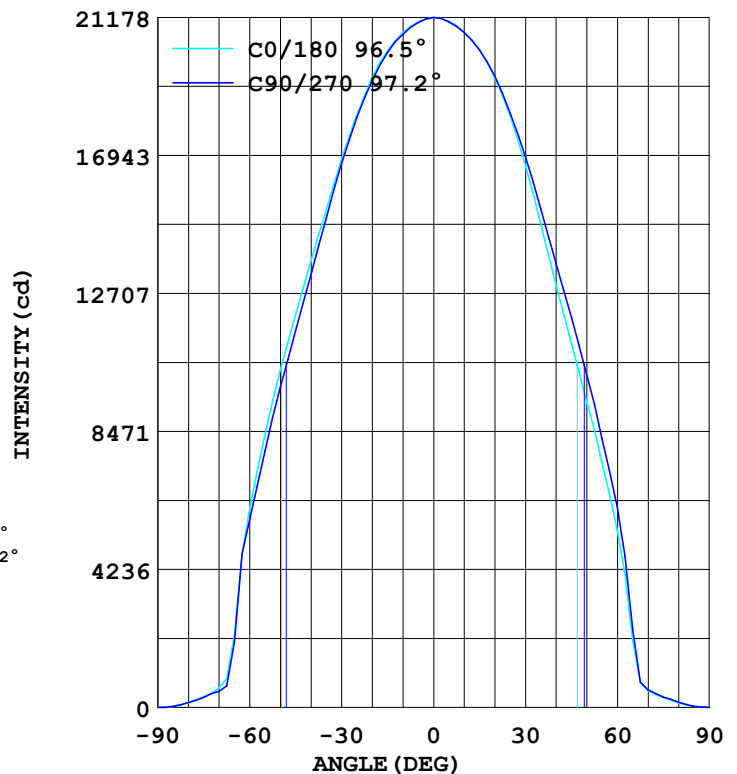
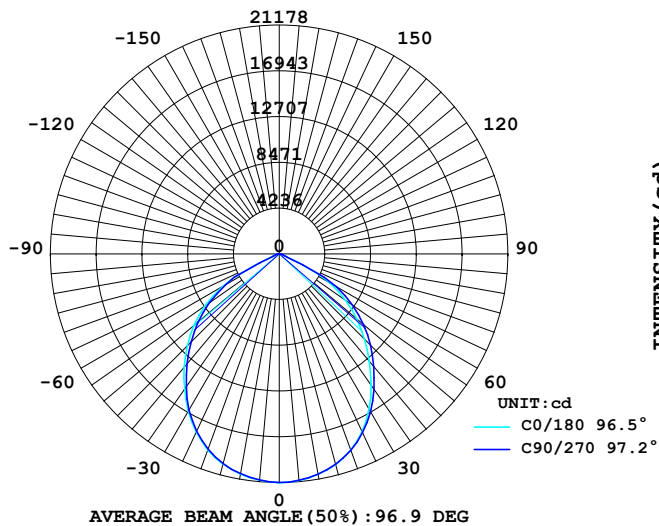
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N30040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	21178	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	45289	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current(A)	1.076
NOMINAL FLUX(lm)	45289.0	$\eta$ up (%)	0.0	Power(W)	301.5
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	45289.0	EEI	0.100

## LUMINOUS INTENSITY DISTRIBUTION

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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:

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## Color Temperature Data List

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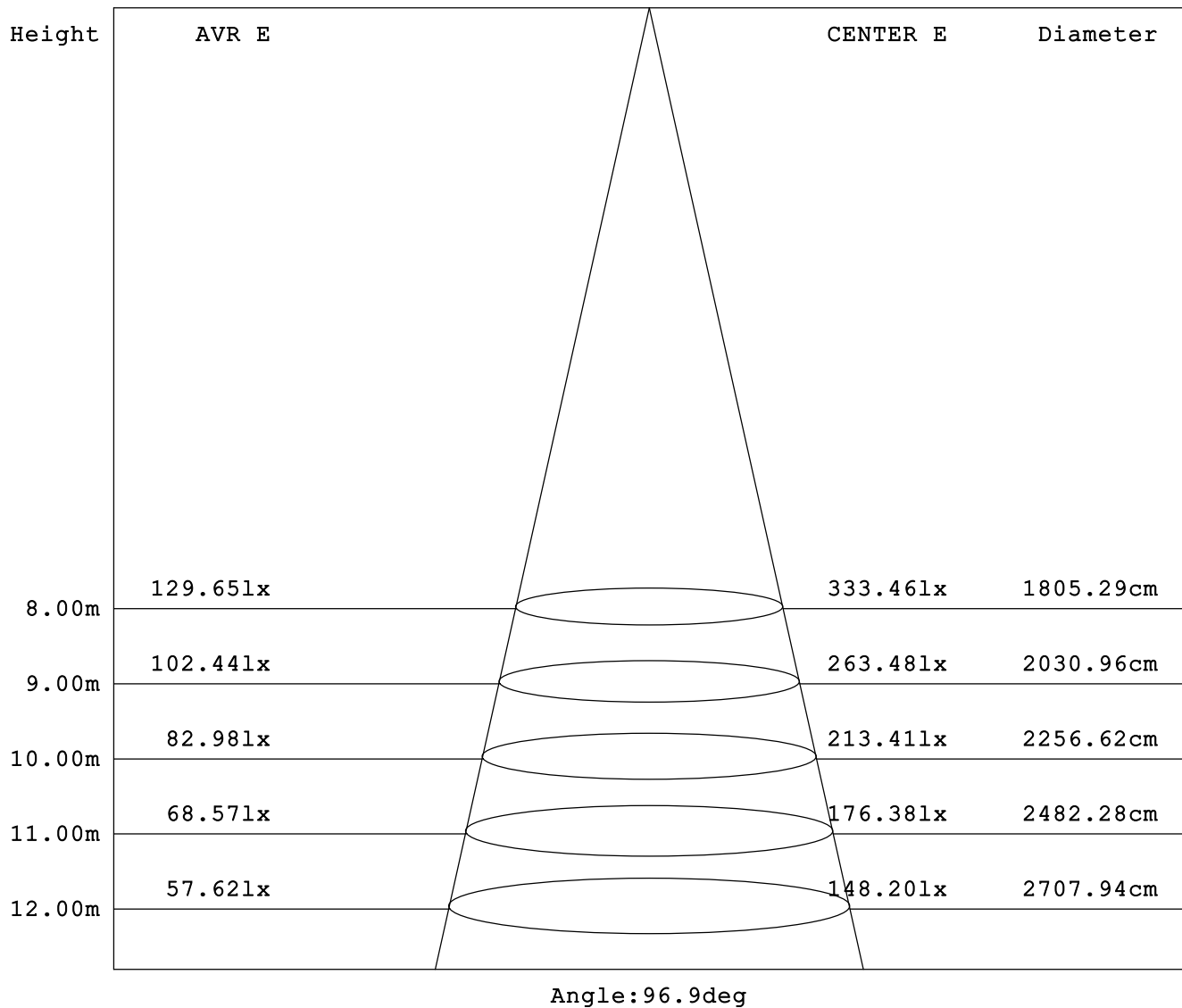
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## AVERAGE AND CENTER E Figure

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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	2104	2100	2101	2104	2105	2103	2104	2103	0- 5	504.5	504.5
10.0	2070	2064	2065	2068	2071	2067	2071	2071	5- 10	1492	1997
15.0	2014	2005	2009	2012	2019	2012	2017	2016	10- 15	2421	4418
20.0	1933	1927	1925	1928	1933	1928	1938	1937	15- 20	3251	7670
25.0	1821	1818	1812	1819	1817	1819	1825	1835	20- 25	3935	11605
30.0	1684	1682	1671	1670	1662	1678	1690	1700	25- 30	4430	16035
35.0	1527	1521	1501	1489	1484	1512	1530	1546	30- 35	4702	20737
40.0	1370	1349	1328	1300	1295	1329	1362	1379	35- 40	4756	25492
45.0	1206	1178	1155	1120	1117	1150	1197	1211	40- 45	4635	30128
50.0	1034	1005	981.2	945.2	936.8	969.3	1019	1032	45- 50	4356	34483
55.0	839.4	817.4	788.5	760.3	751.2	783.6	825.8	843.5	50- 55	3901	38384
60.0	612.0	610.1	577.8	559.0	544.0	583.3	614.9	639.4	55- 60	3224	41608
65.0	220.0	387.4	200.2	365.0	206.6	382.8	240.8	445.7	60- 65	2243	43851
70.0	59.96	141.2	49.58	134.9	51.58	145.2	54.30	151.6	65- 70	940.7	44792
75.0	33.33	37.01	30.97	29.88	30.59	32.75	31.85	37.47	70- 75	313.3	45105
80.0	15.59	15.98	14.92	14.45	14.14	13.67	16.08	15.49	75- 80	126.1	45231
85.0	3.323	4.812	2.993	3.952	3.076	3.303	3.914	4.241	80- 85	48.58	45280
90.0	0.627	0.840	0.269	0.790	0.684	0.286	0.729	0.328	85- 90	9.202	45289
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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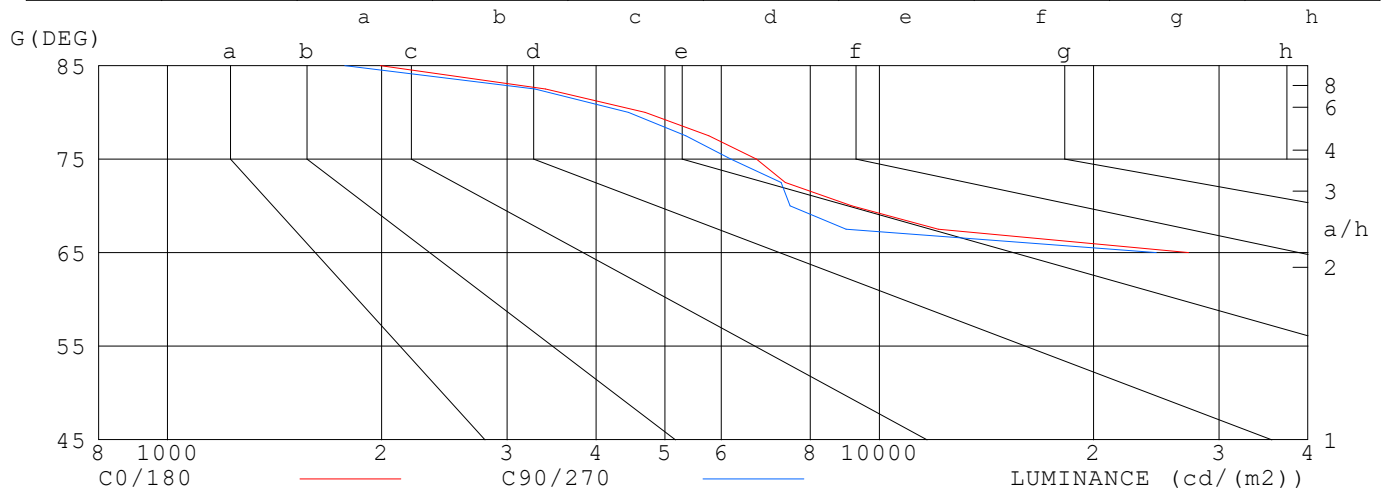
## LUMINANCE LIMITATION CURVES

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	1991	1775
80	4689	4443
75	6724	6184
70	9154	7492
65	27189	24488
60	63911	59723
55	76415	71042
50	84027	78885
45	89061	84428

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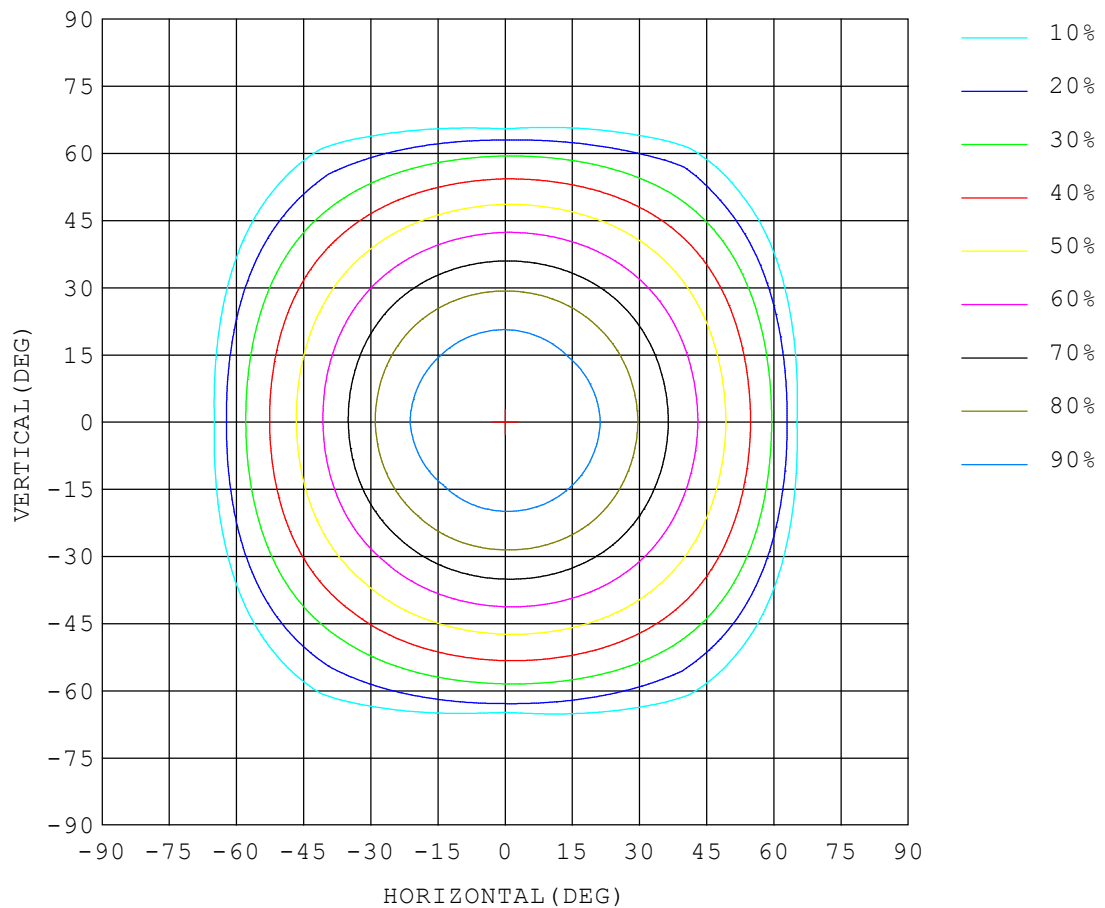
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## ISOCANDELA DIAGRAM

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UNIT: cd



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