

# LUMINAIRE PHOTOMETRIC TEST REPORT

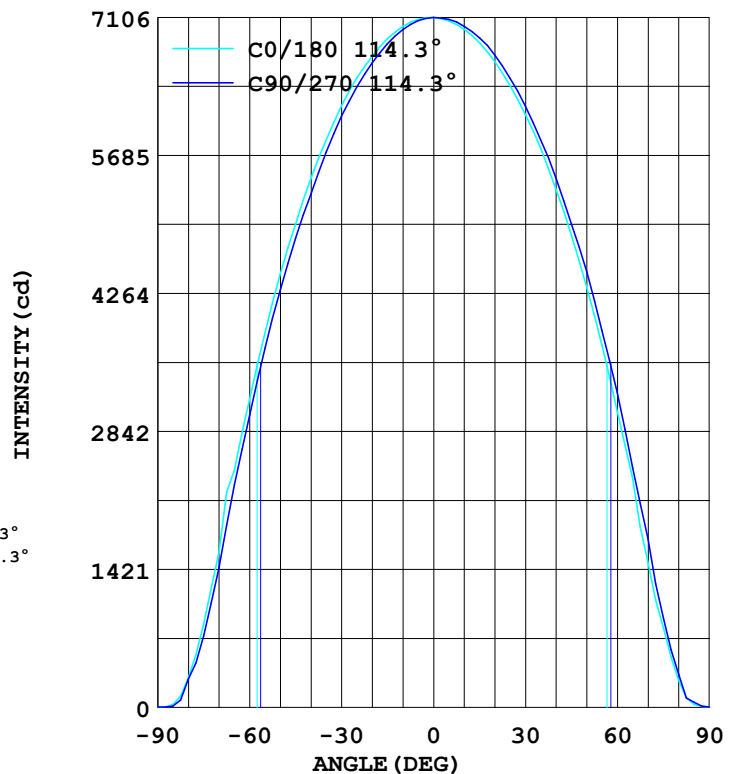
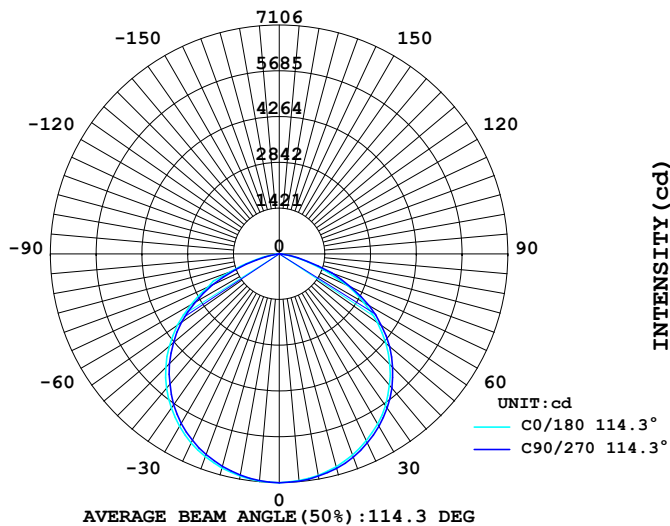
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	7106	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	19764	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	164.6	Current(A)	0.528
NOMINAL FLUX(lm)	19764.4	$\eta$ up (%)	0.0	Power(W)	120.0
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION

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

Test Set: 6.0 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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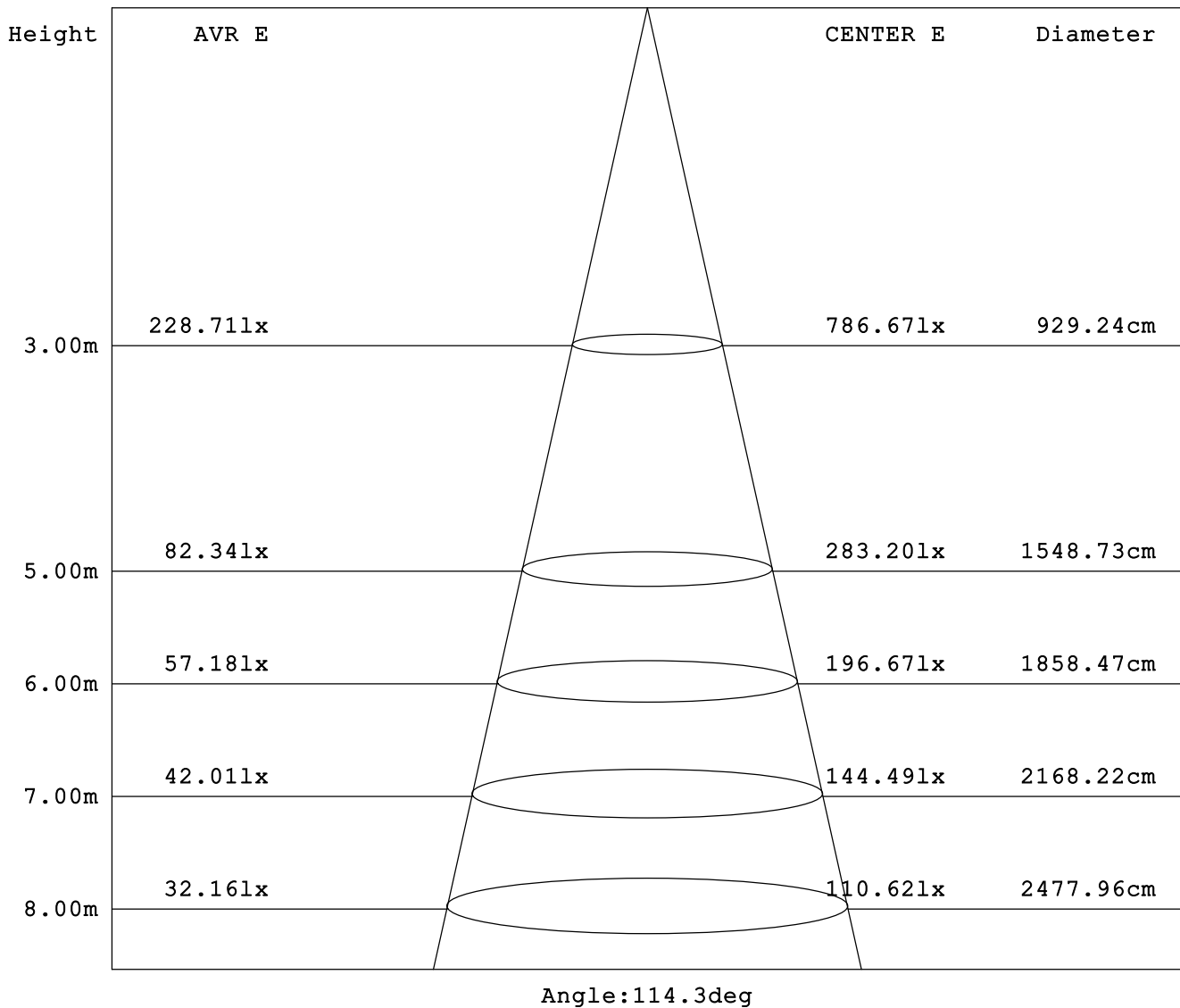
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Temperature:25.3DEG  
Operators:  
Test Date:2024.11.19

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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	7084	7079	7072	7067	7069	7080	7086	7087	0- 5	169.5	169.5
10.0	7012	6996	6980	6980	6984	7007	7013	7022	5- 10	503.6	673.1
15.0	6886	6859	6834	6835	6844	6876	6895	6901	10- 15	822.4	1496
20.0	6706	6660	6639	6638	6654	6697	6719	6723	15- 20	1116	2612
25.0	6484	6421	6391	6380	6402	6454	6478	6498	20- 25	1376	3988
30.0	6197	6131	6093	6073	6106	6154	6192	6219	25- 30	1593	5580
35.0	5845	5768	5720	5712	5757	5810	5843	5873	30- 35	1758	7338
40.0	5447	5360	5286	5285	5330	5398	5448	5479	35- 40	1864	9203
45.0	4977	4885	4830	4811	4861	4937	4976	5011	40- 45	1906	11109
50.0	4462	4370	4293	4273	4322	4394	4484	4504	45- 50	1879	12988
55.0	3862	3766	3704	3683	3732	3817	3882	3921	50- 55	1780	14768
60.0	3182	3122	3013	3005	3048	3157	3240	3275	55- 60	1601	16370
65.0	2443	2387	2292	2303	2362	2458	2471	2543	60- 65	1349	17719
70.0	1599	1530	1441	1465	1496	1555	1740	1756	65- 70	1019	18738
75.0	857.8	856.5	736.7	784.6	823.3	907.6	923.2	979.6	70- 75	635.9	19374
80.0	303.8	295.5	291.1	259.7	277.2	314.0	340.7	367.6	75- 80	303.7	19677
85.0	30.82	34.77	15.20	25.61	31.64	45.63	54.08	63.45	80- 85	78.30	19756
90.0	2.018	3.694	3.959	4.276	5.228	4.249	5.309	4.276	85- 90	8.745	19764
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:cd									UNIT:lm	

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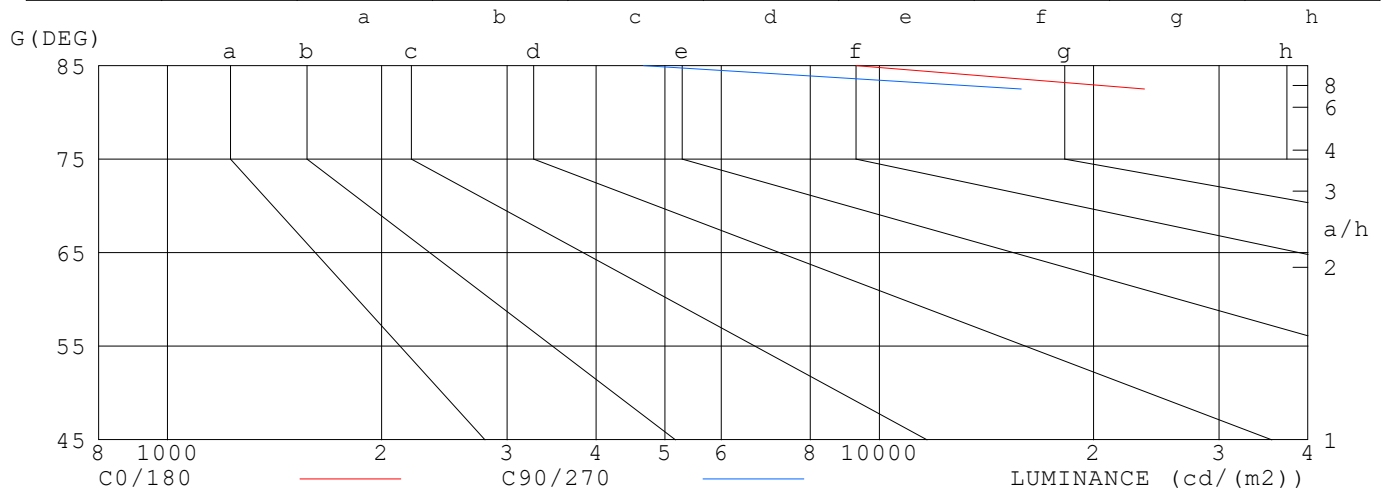
## LUMINANCE LIMITATION CURVES

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	9272	4664
80	45874	44821
75	86897	76090
70	122593	112614
65	151542	144975
60	166870	161078
55	176520	172612
50	182014	178512
45	184533	182577

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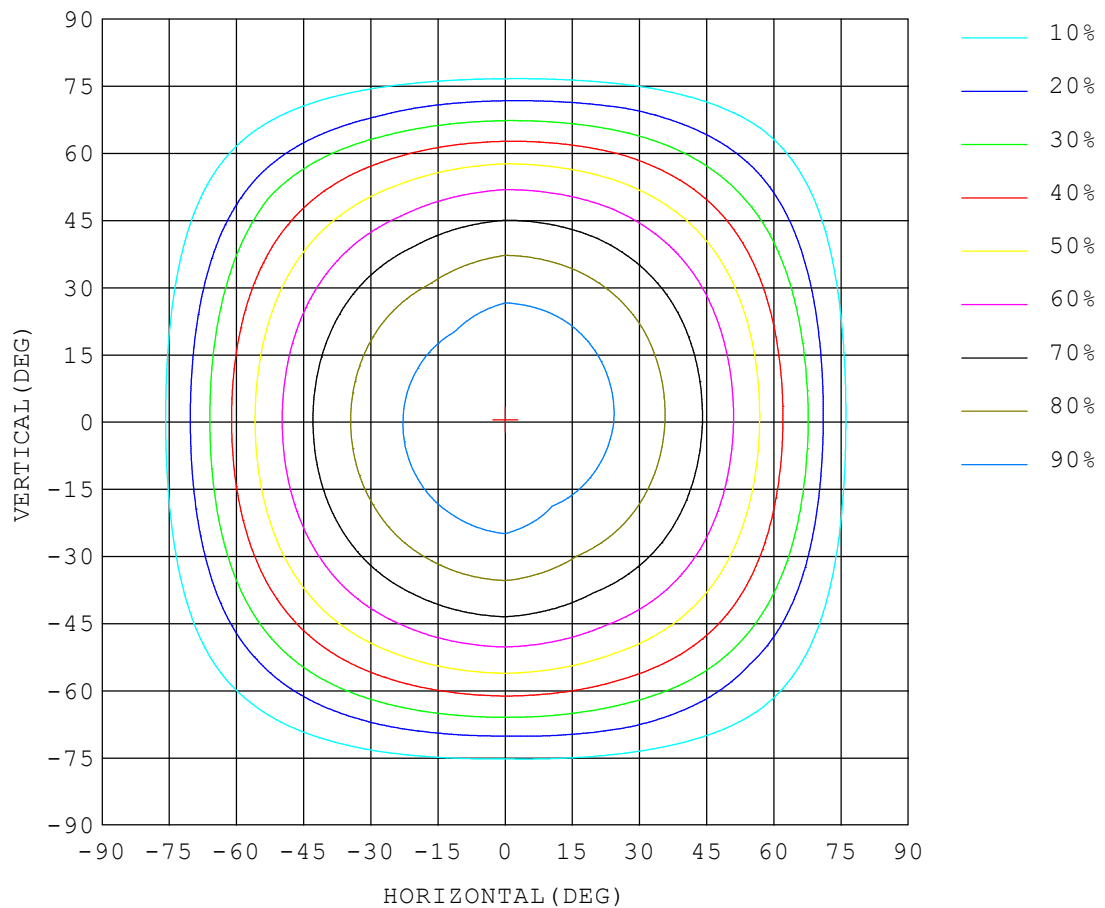
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## ISOCANDELA DIAGRAM

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UNIT: cd



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