

LUMINAIRE PHOTOMETRIC TEST REPORT

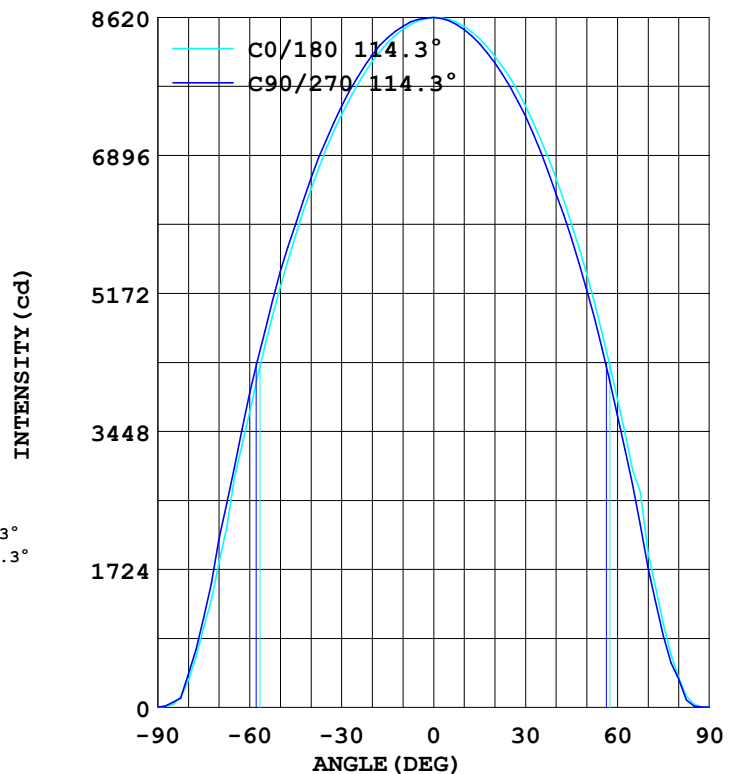
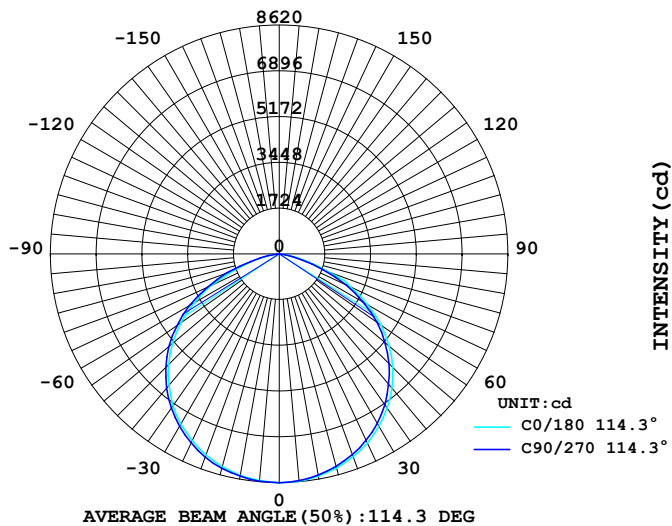
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8620	S/MH (C0/180)	1.28
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	23974	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.660
NOMINAL FLUX(lm)	23974.4	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)	23974.4	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

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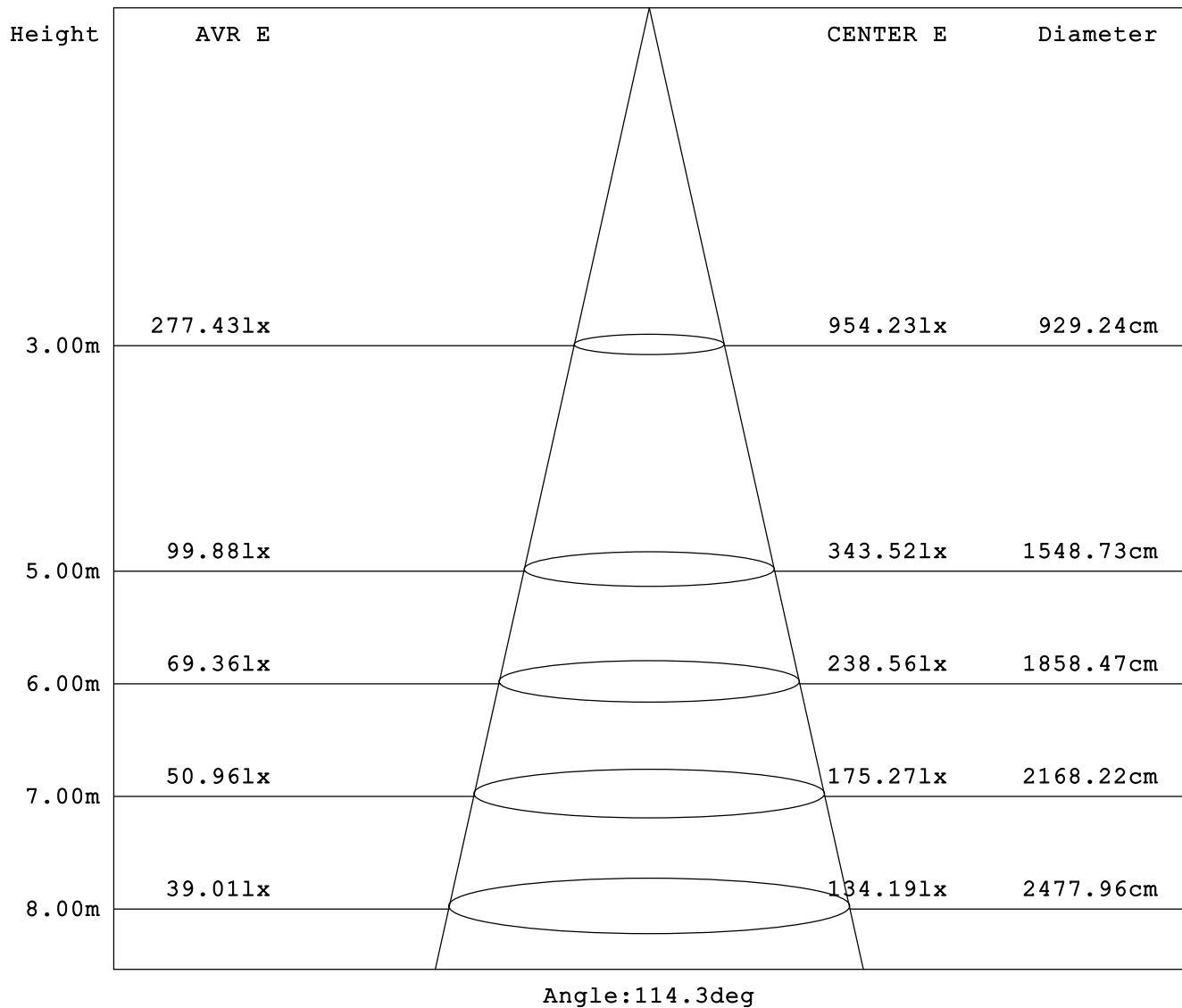
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AVERAGE AND CENTER E Figure

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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	8575	8588	8595	8597	8593	8586	8578	8573	0- 5	205.6	205.6
10.0	8472	8500	8507	8518	8505	8486	8467	8467	5- 10	610.9	816.5
15.0	8302	8340	8364	8372	8352	8320	8289	8291	10- 15	997.6	1814
20.0	8071	8123	8150	8156	8134	8079	8053	8052	15- 20	1354	3168
25.0	7765	7828	7858	7882	7865	7789	7752	7739	20- 25	1669	4837
30.0	7407	7465	7511	7544	7517	7437	7390	7366	25- 30	1932	6769
35.0	6983	7047	7088	7124	7090	6997	6939	6928	30- 35	2132	8902
40.0	6466	6548	6608	6646	6608	6502	6411	6411	35- 40	2261	11163
45.0	5896	5989	6036	6078	6037	5925	5859	5835	40- 45	2312	13475
50.0	5243	5330	5439	5464	5413	5300	5207	5183	45- 50	2280	15755
55.0	4527	4630	4709	4756	4684	4568	4493	4467	50- 55	2159	17914
60.0	3697	3830	3930	3973	3860	3787	3655	3645	55- 60	1943	19857
65.0	2865	2982	2997	3085	2963	2895	2781	2794	60- 65	1636	21493
70.0	1815	1887	2111	2130	1940	1855	1748	1777	65- 70	1236	22729
75.0	998.6	1101	1120	1188	1041	1039	893.7	951.7	70- 75	771.4	23500
80.0	336.2	380.9	413.3	446.0	368.5	358.5	353.2	315.0	75- 80	368.4	23869
85.0	38.38	55.35	65.60	76.97	37.38	42.18	18.44	31.06	80- 85	94.97	23964
90.0	6.342	5.154	6.439	5.186	2.448	4.481	4.802	5.186	85- 90	10.60	23974
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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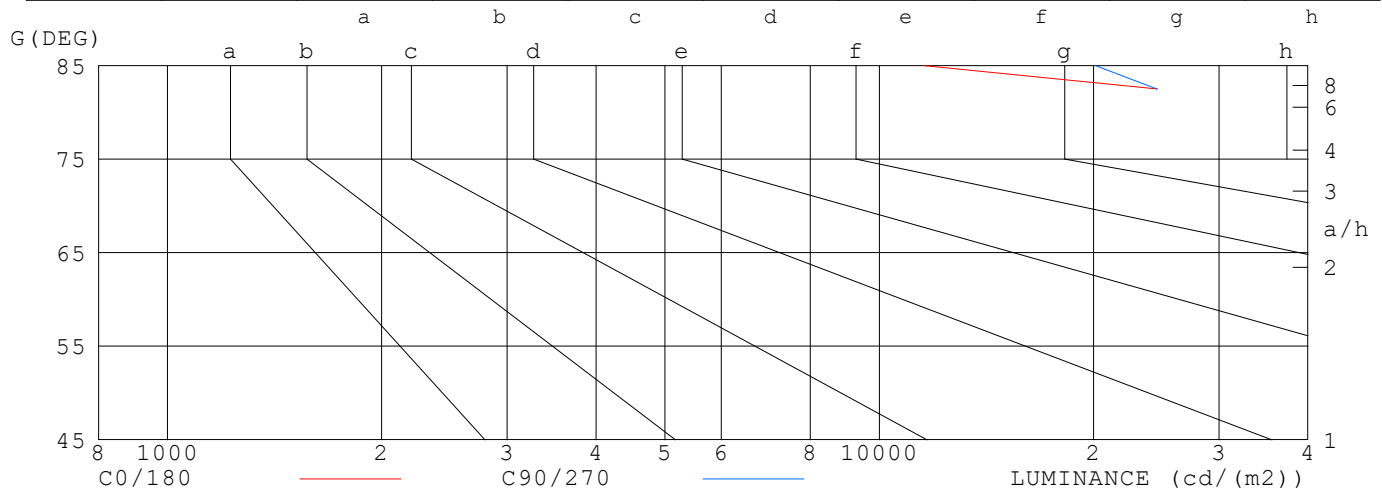
LUMINANCE LIMITATION CURVES

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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	11549	20118
80	50773	63626
75	101169	115654
70	139135	164939
65	177761	189559
60	193867	210105
55	206943	219425
50	213859	226177
45	218621	228177

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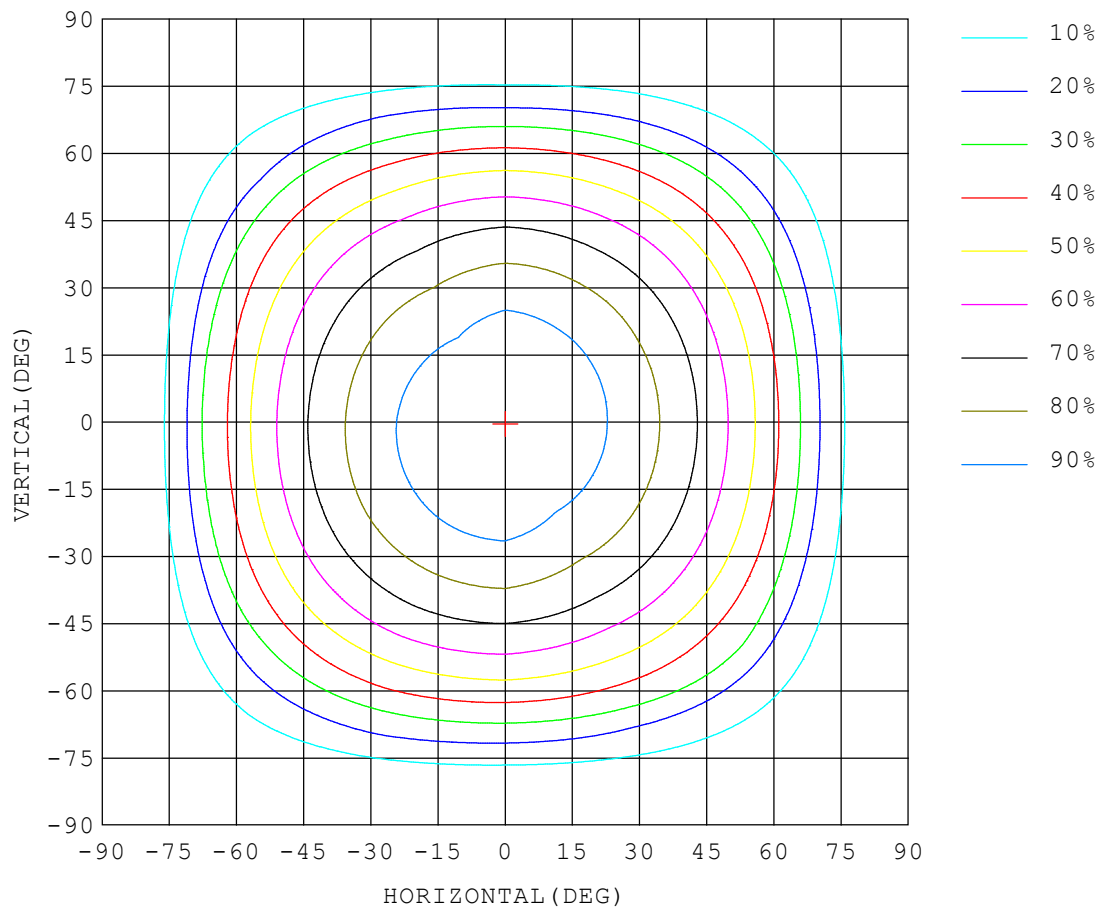
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ISOCANDELA DIAGRAM

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UNIT: cd



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