

LUMINAIRE PHOTOMETRIC TEST REPORT

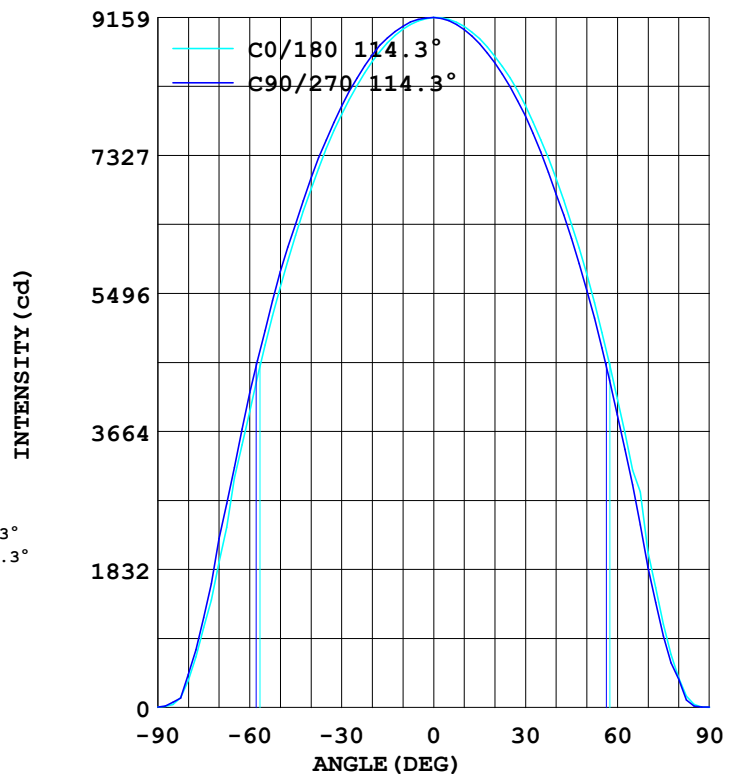
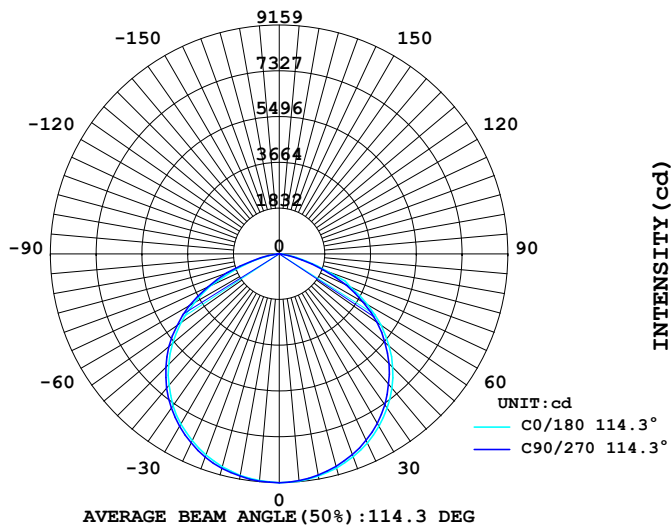
Report number:

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

DATA OF LAMP		Imax(cd)	9159	S/MH (C0/180)	1.28
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.29
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	25474	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	169.8	Current(A)	0.660
NOMINAL FLUX(lm)	25474.4	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)	25474.4	EEL	0.088

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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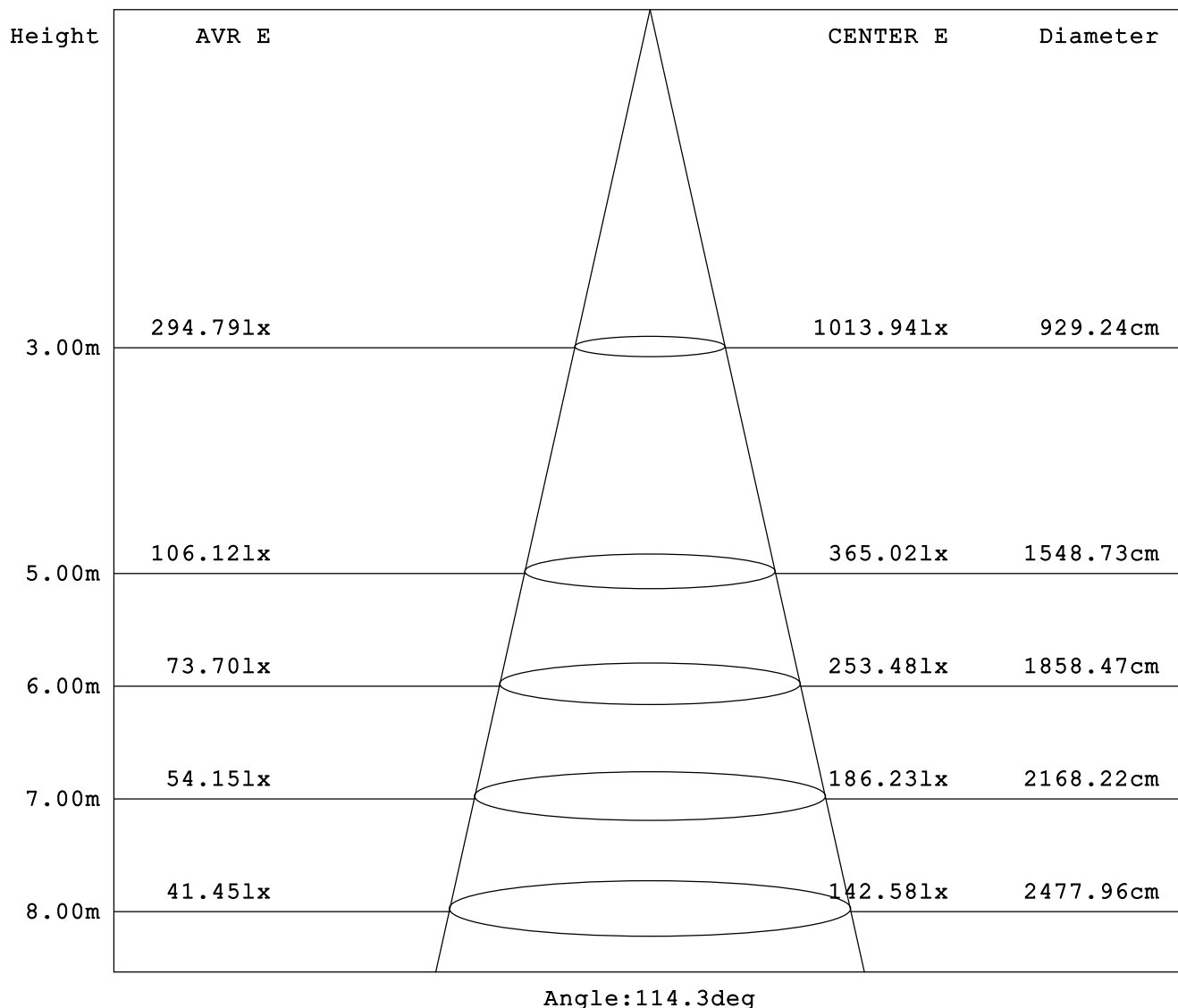
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AVERAGE AND CENTER E Figure

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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	9112	9126	9133	9134	9131	9124	9115	9109	0- 5	218.5	218.5
10.0	9002	9032	9039	9051	9038	9017	8997	8996	5- 10	649.1	867.6
15.0	8821	8862	8887	8895	8875	8840	8808	8809	10- 15	1060	1928
20.0	8576	8632	8660	8666	8643	8584	8557	8556	15- 20	1439	3367
25.0	8251	8318	8350	8376	8357	8276	8237	8223	20- 25	1773	5140
30.0	7870	7932	7980	8016	7987	7902	7853	7827	25- 30	2053	7193
35.0	7420	7488	7531	7570	7534	7435	7373	7362	30- 35	2266	9458
40.0	6870	6957	7021	7062	7021	6908	6813	6812	35- 40	2403	11861
45.0	6265	6364	6414	6458	6415	6296	6226	6200	40- 45	2457	14318
50.0	5571	5664	5780	5806	5751	5632	5533	5508	45- 50	2422	16741
55.0	4810	4920	5003	5053	4977	4854	4774	4747	50- 55	2294	19035
60.0	3928	4069	4176	4221	4102	4024	3884	3873	55- 60	2064	21099
65.0	3045	3168	3185	3278	3148	3076	2955	2969	60- 65	1739	22838
70.0	1929	2005	2243	2264	2061	1971	1857	1888	65- 70	1313	24151
75.0	1061	1170	1190	1263	1106	1104	949.6	1011	70- 75	819.7	24971
80.0	357.3	404.7	439.2	473.9	391.5	380.9	375.3	334.7	75- 80	391.5	25362
85.0	40.79	58.81	69.70	81.79	39.72	44.82	19.60	33.01	80- 85	100.9	25463
90.0	6.739	5.476	6.842	5.511	2.601	4.762	5.103	5.511	85- 90	11.27	25474
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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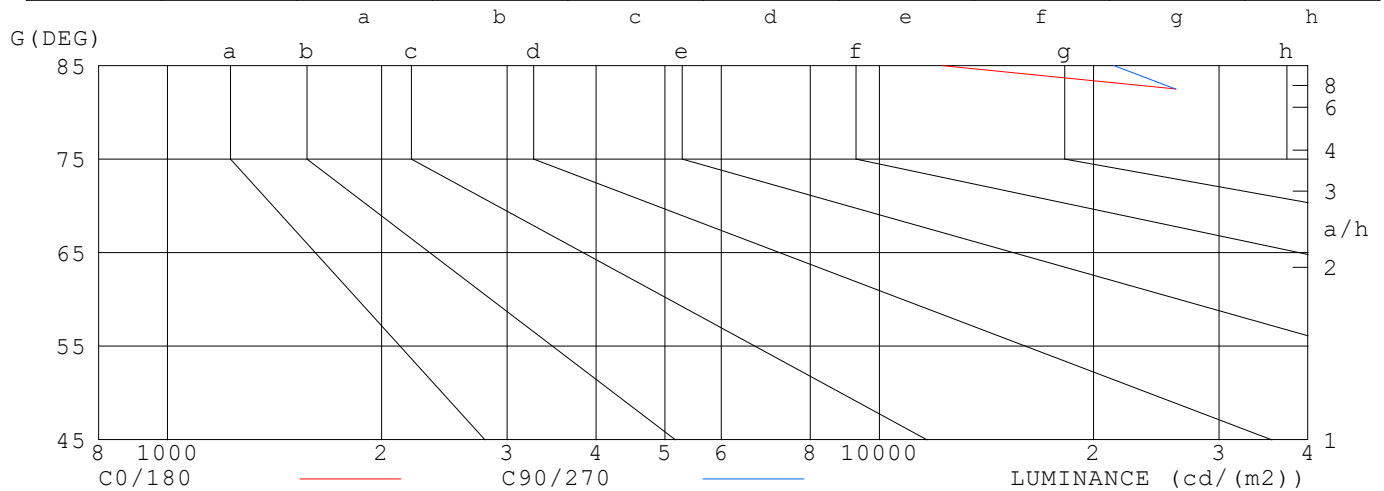
LUMINANCE LIMITATION CURVES

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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	12271	21377
80	53950	67607
75	107499	122890
70	147840	175259
65	188883	201419
60	205996	223251
55	219891	233154
50	227239	240328
45	232300	242453

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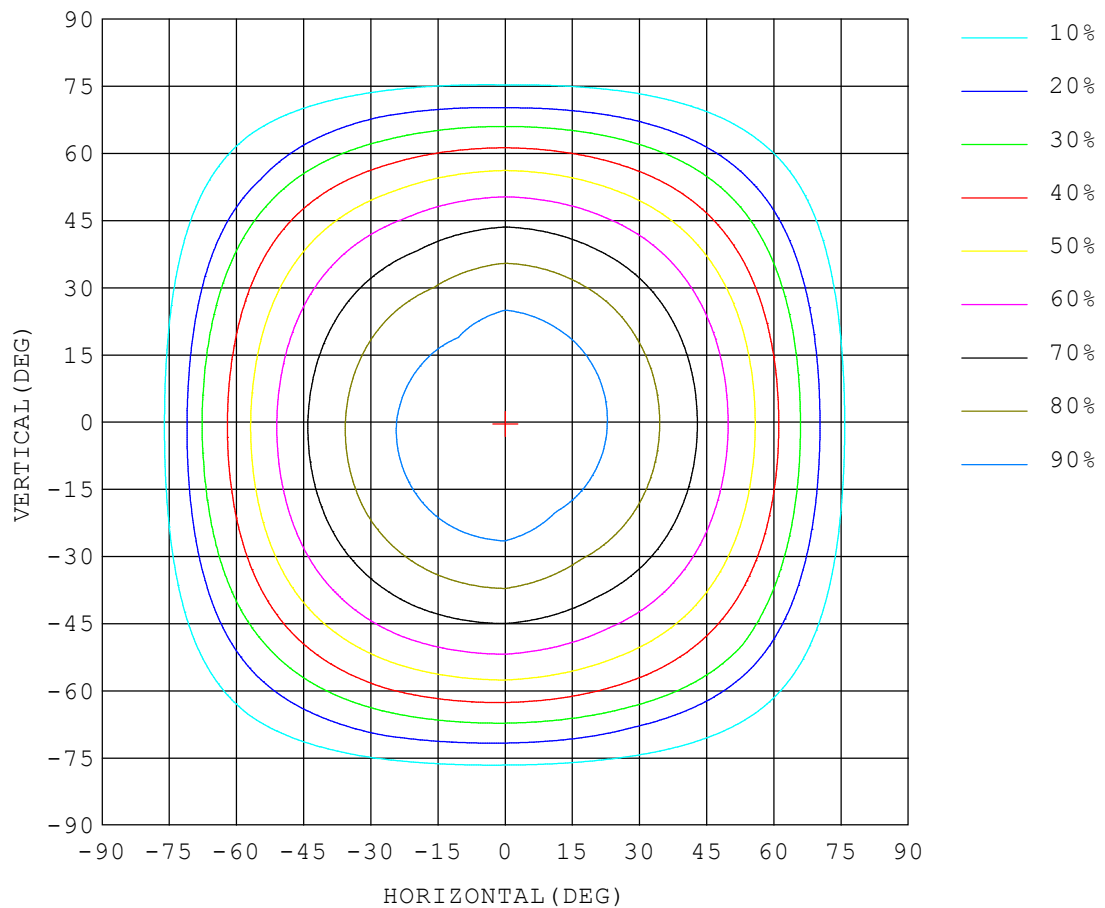
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ISOCANDELA DIAGRAM

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UNIT: cd



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