

LUMINAIRE PHOTOMETRIC TEST REPORT

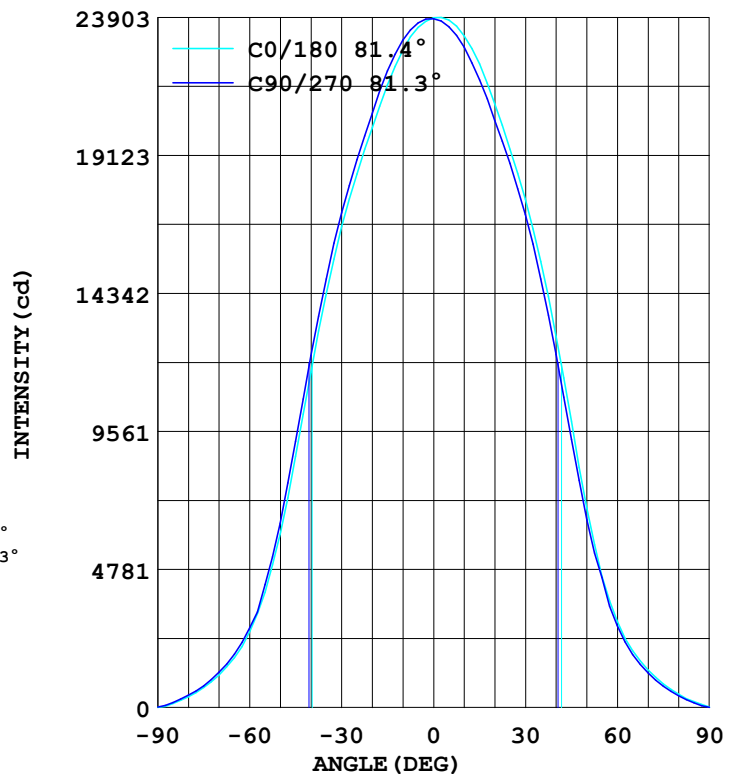
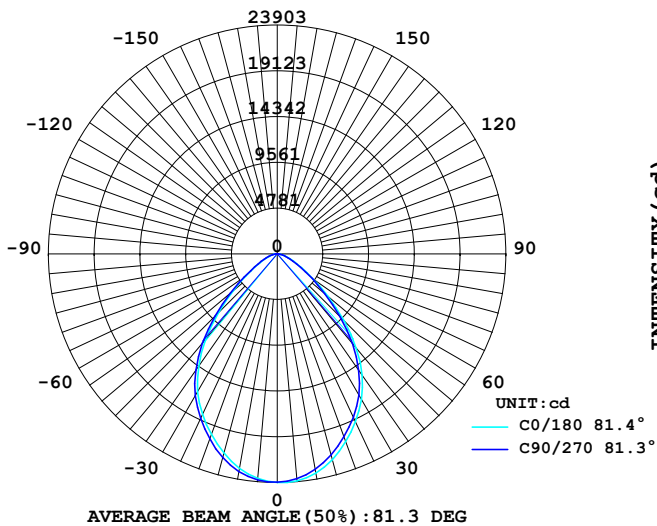
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L24040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	23909	S/MH (C0/180)	1.07
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER(W)	240W	TOTAL FLUX(lm)	40658	Voltage(V)	230.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	169.5	Current(A)	0.875
NOMINAL FLUX(lm)	40658.0	η up (%)	0.0	Power(W)	239.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	230.5	Effective Flux(lm)	40658.0	EEL	0.080

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.22

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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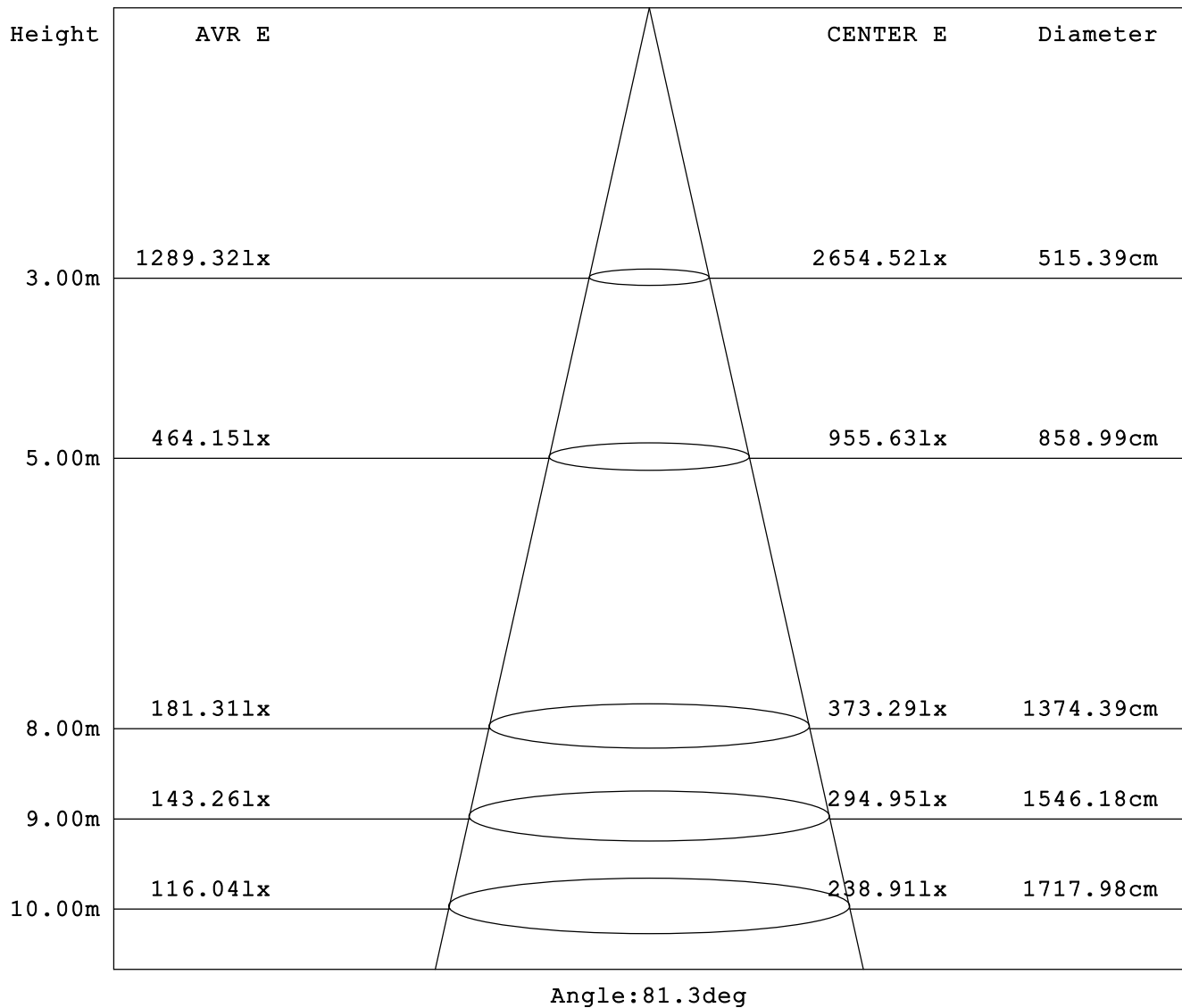
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AVERAGE AND CENTER E Figure

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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	2356	2360	2371	2382	2381	2370	2357	2350	0- 5	568.1	568.1
10.0	2275	2288	2311	2328	2325	2308	2287	2269	5- 10	1669	2237
15.0	2156	2171	2204	2231	2229	2203	2174	2149	10- 15	2662	4899
20.0	2009	2025	2058	2094	2091	2066	2034	2009	15- 20	3490	8389
25.0	1848	1866	1898	1937	1933	1914	1885	1854	20- 25	4132	12521
30.0	1666	1681	1714	1758	1760	1741	1707	1673	25- 30	4561	17081
35.0	1433	1446	1484	1534	1545	1524	1484	1441	30- 35	4714	21795
40.0	1160	1179	1219	1279	1284	1272	1222	1179	35- 40	4527	26323
45.0	869.9	893.4	921.8	996.5	991.4	987.7	928.3	900.0	40- 45	4002	30324
50.0	600.5	633.2	637.9	711.5	690.0	706.6	649.8	637.6	45- 50	3221	33545
55.0	399.7	444.9	425.7	486.1	455.0	484.2	450.9	438.1	50- 55	2404	35949
60.0	262.7	290.1	277.0	320.7	298.5	320.5	283.3	286.8	55- 60	1704	37653
65.0	172.6	188.8	185.0	209.0	197.1	206.8	183.4	185.5	60- 65	1175	38828
70.0	112.8	120.3	122.1	133.6	130.5	132.9	120.3	119.1	65- 70	797.0	39625
75.0	69.31	72.70	75.06	82.32	81.97	81.73	73.28	72.32	70- 75	520.8	40146
80.0	37.44	38.49	42.34	48.02	46.56	46.27	40.21	38.27	75- 80	312.8	40459
85.0	13.59	14.42	17.37	19.05	20.56	19.19	16.44	15.04	80- 85	155.9	40615
90.0	0.889	0.838	1.199	1.251	1.572	1.282	0.745	0.869	85- 90	43.21	40658
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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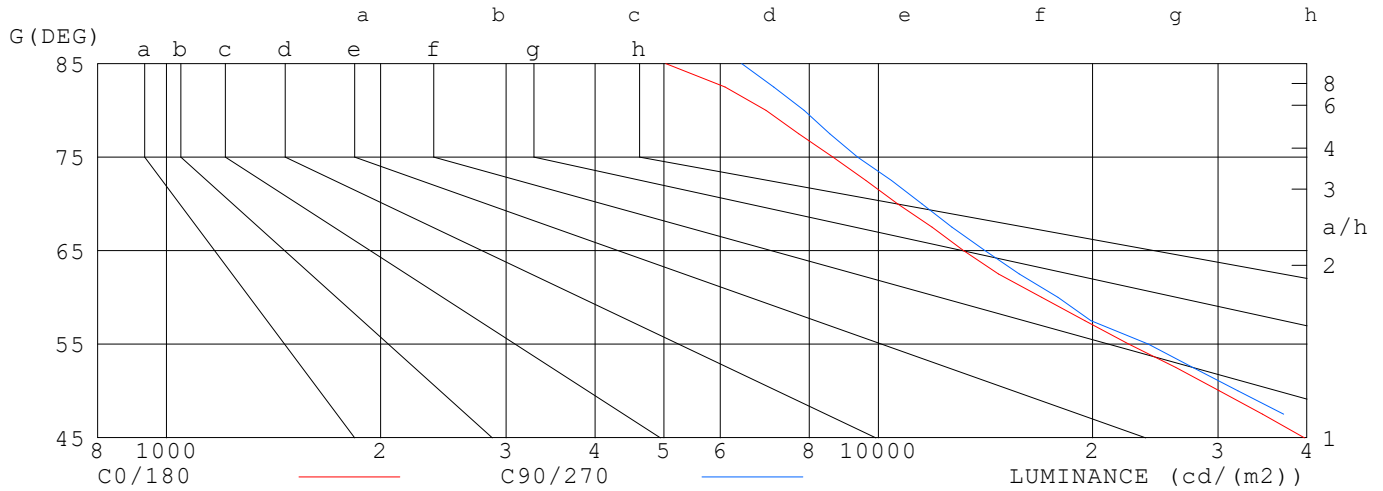
LUMINANCE LIMITATION CURVES

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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 $\text{cd}/(\text{m}^2)$		
G (DEG)	C0/180	C90/270
85	5030	6431
80	6955	7866
75	8639	9356
70	10644	11518
65	13176	14123
60	16954	17877
55	22483	23946
50	30136	32014
45	39685	42054

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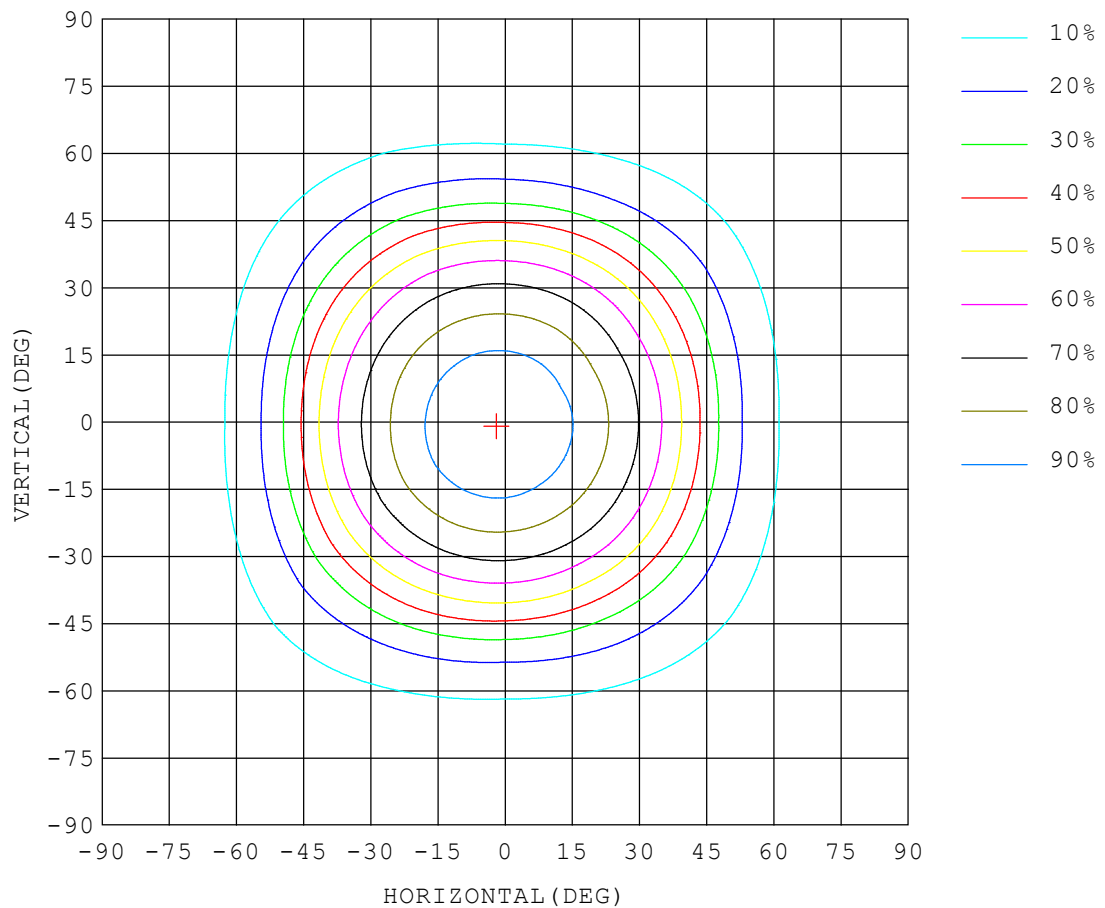
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ISOCANDELA DIAGRAM

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UNIT: cd



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