

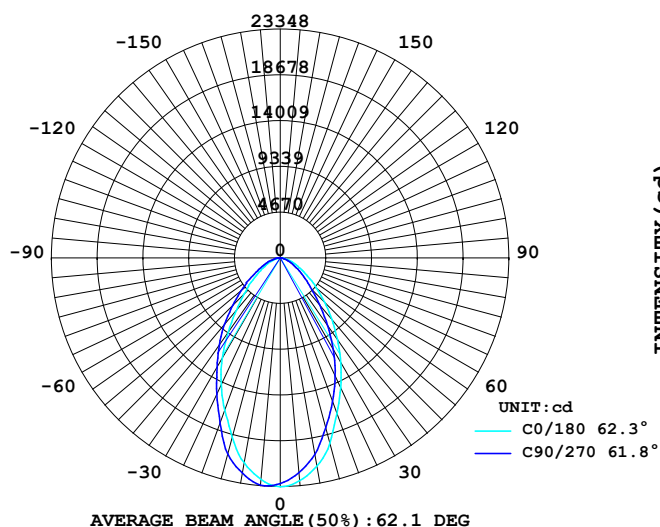
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

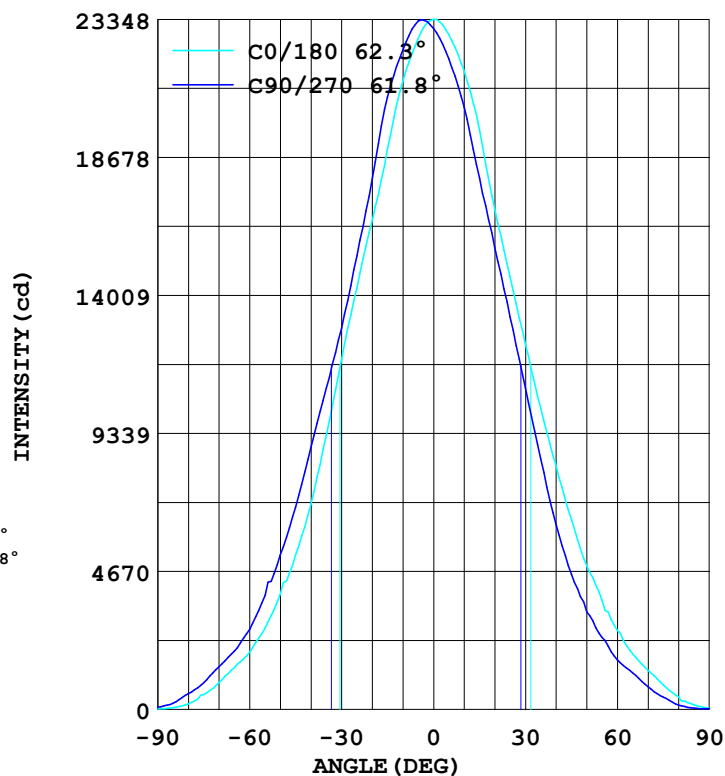
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L20040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	23348	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	30015	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.4	Current(A)	0.901
NOMINAL FLUX(lm)	30015.0	η up (%)	0.0	Power(W)	200.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	230.3	Effective Flux(lm)	27470.9	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.25

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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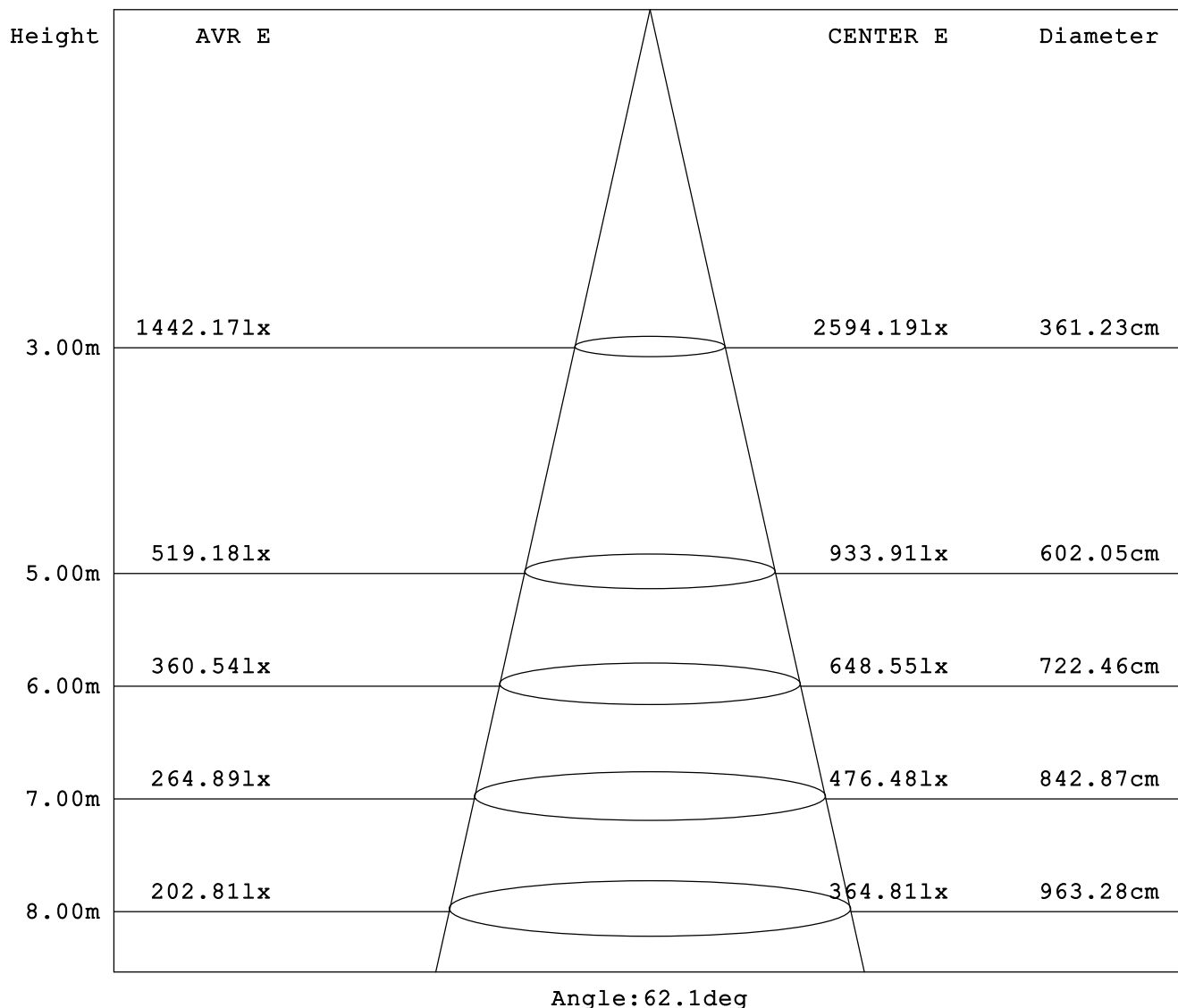
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、60deg	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	2270	2328	2284	2201					0- 5	548.7	548.7
10.0	2124	2231	2160	2037					5- 10	1576	2125
15.0	1896	2071	1958	1797					10- 15	2414	4538
20.0	1655	1797	1694	1565					15- 20	2964	7502
25.0	1427	1535	1464	1328					20- 25	3259	10761
30.0	1185	1290	1236	1088					25- 30	3332	14093
35.0	926.2	1087	1020	847.3					30- 35	3185	17277
40.0	694.4	886.1	824.4	625.2					35- 40	2870	20147
45.0	522.4	684.0	642.3	457.0					40- 45	2455	22602
50.0	389.4	523.0	485.7	329.9					45- 50	2029	24631
55.0	276.1	385.9	370.3	244.3					50- 55	1631	26262
60.0	194.1	270.7	268.2	168.6					55- 60	1247	27509
65.0	141.6	197.7	188.2	124.4					60- 65	938.2	28447
70.0	91.56	144.7	132.5	76.97					65- 70	692.8	29140
75.0	50.23	89.94	82.76	42.08					70- 75	460.6	29600
80.0	19.31	53.30	43.26	14.98					75- 80	259.7	29860
85.0	6.306	20.79	16.12	4.729					80- 85	114.5	29975
90.0	1.935	7.763	4.111	2.235					85- 90	40.42	30015
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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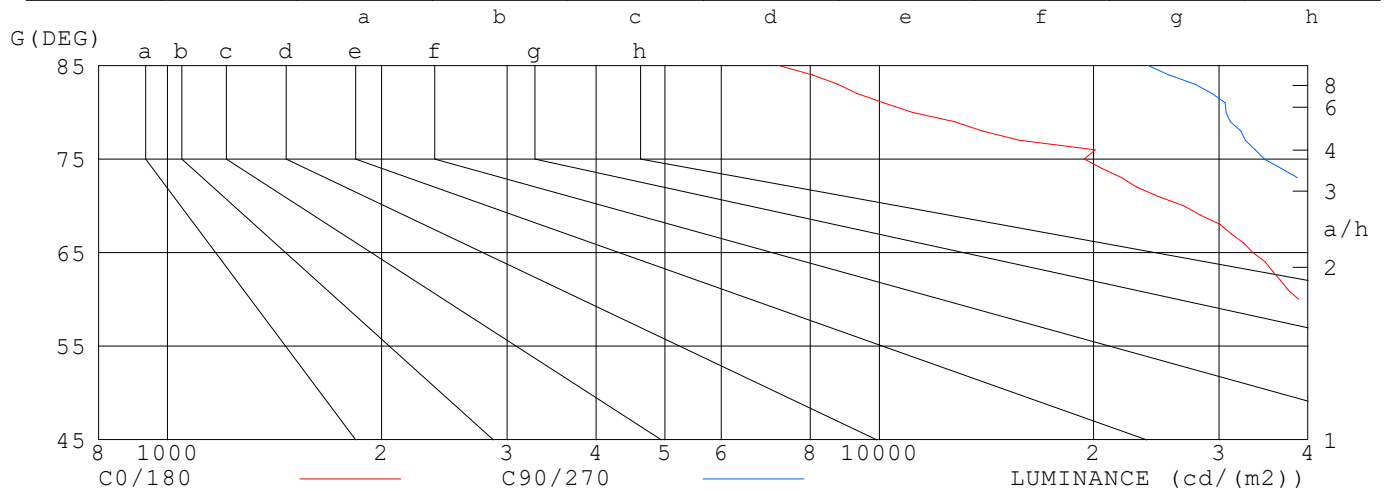
LUMINANCE LIMITATION CURVES

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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 cd/(m2)		
G (DEG)	C0/180	C90/270
85	7236	23859
80	11125	30697
75	19408	34752
70	26771	42315
65	33508	46801
60	38832	54150
55	48144	67280
50	60591	81365
45	73891	96734

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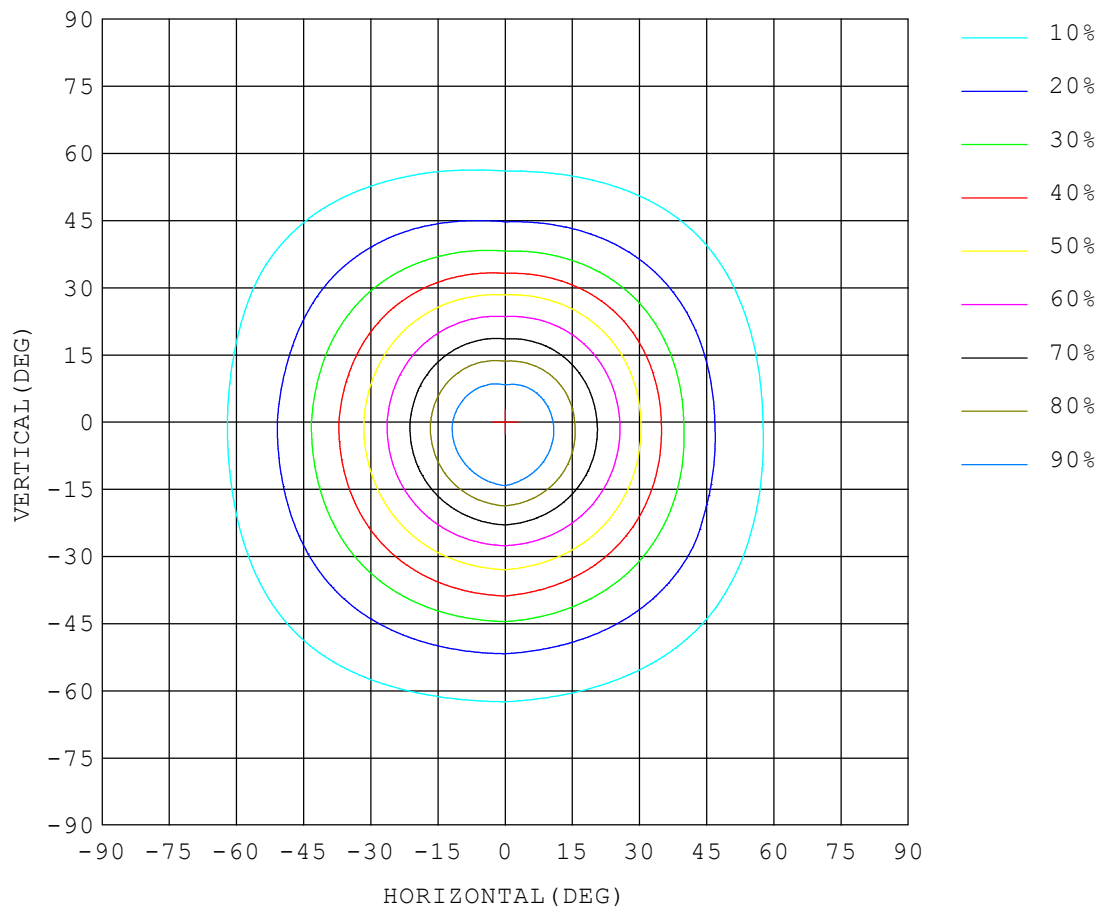
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ISOCANDELA DIAGRAM

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UNIT: cd



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