

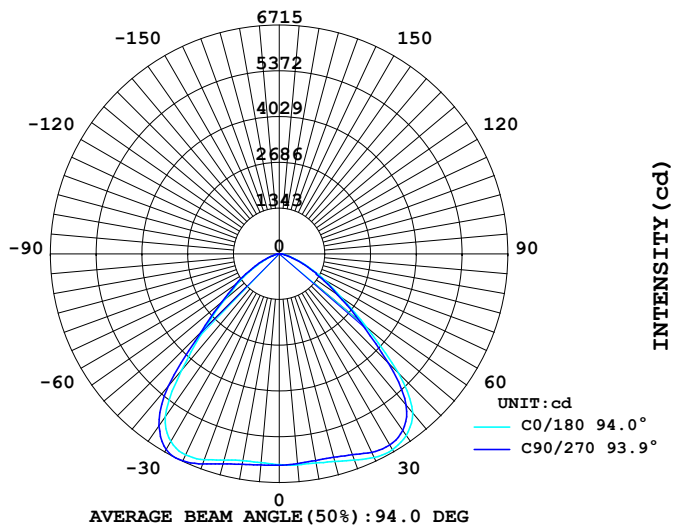
**LUMINAIRE PHOTOMETRIC TEST REPORT**

Report number:

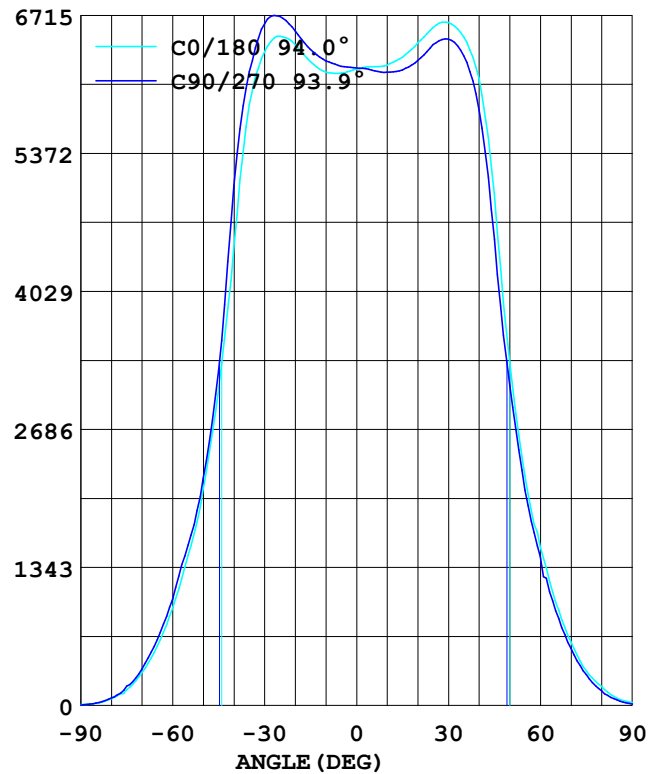
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L10040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	6715	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.31
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	15082	Voltage(V)	230.0
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.3	Current(A)	0.450
NOMINAL FLUX(lm)	15082.0	$\eta$ up (%)	0.0	Power(W)	101.0
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.0	Effective Flux(lm)	14575.5	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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

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## Color Temperature Data List

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE:IL-HB12-L10040-691	WEIGHT:
SPECIFICATION:2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

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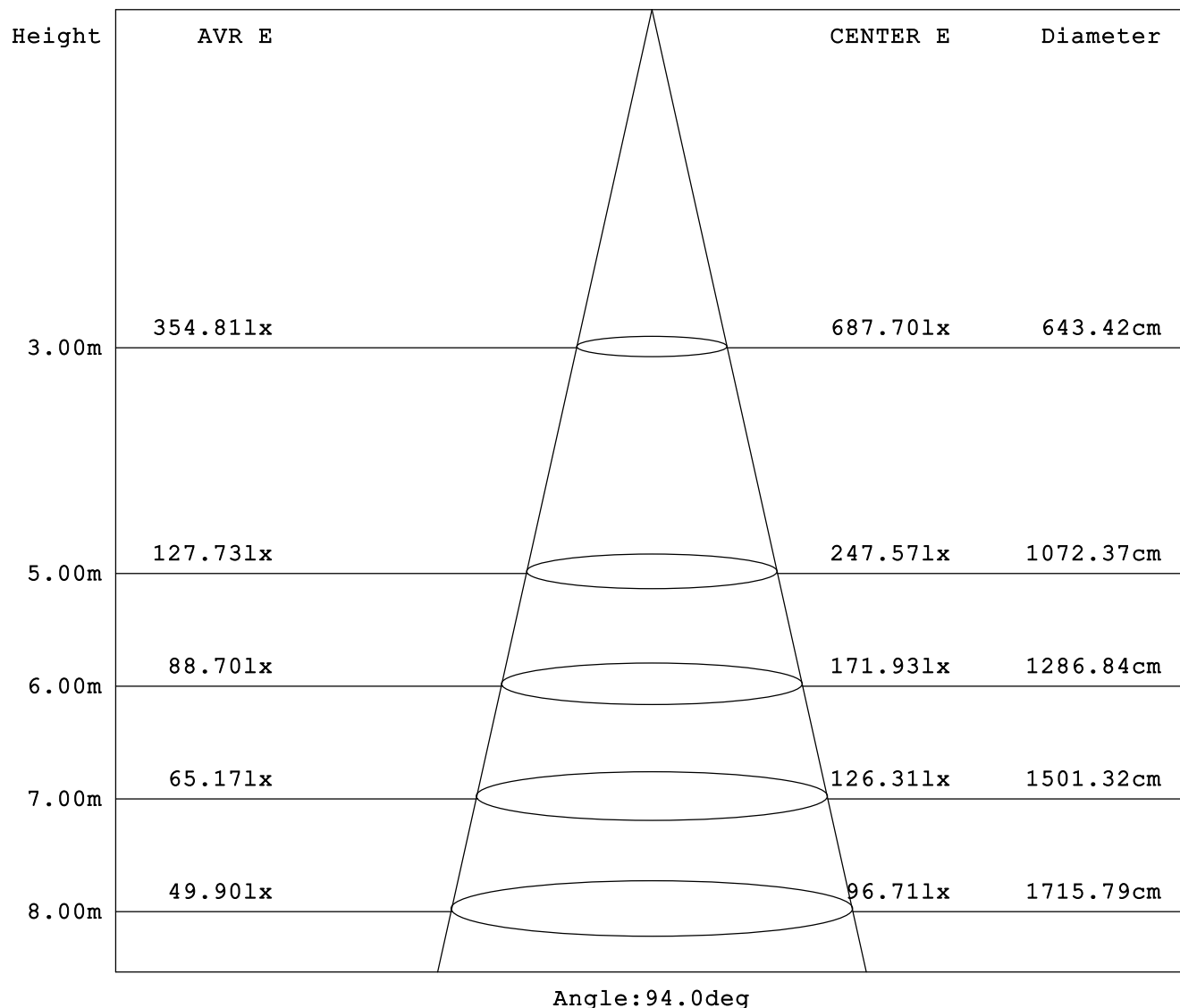
Test System:  
Temperature:25.3DEG  
Operators:  
Test Date:2024.11.25

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## AVERAGE AND CENTER E Figure

Report number:

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:



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

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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L10040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	6152	6219	6216	6182					0- 5	148.1	148.1
10.0	6161	6272	6232	6162					5- 10	443.3	591.4
15.0	6265	6383	6308	6184					10- 15	740.7	1332
20.0	6427	6562	6446	6276					15- 20	1048	2380
25.0	6510	6703	6596	6429					20- 25	1364	3744
30.0	6362	6634	6644	6482					25- 30	1662	5405
35.0	5845	6164	6504	6321					30- 35	1883	7288
40.0	4461	5060	6101	5793					35- 40	1944	9232
45.0	3069	3253	4963	4536					40- 45	1726	10957
50.0	2105	2209	3330	3110					45- 50	1326	12283
55.0	1462	1563	2236	2098					50- 55	969.5	13253
60.0	952.1	1038	1544	1449					55- 60	704.6	13957
65.0	579.5	642.7	1004	923.8					60- 65	487.9	14445
70.0	321.0	356.3	617.6	554.6					65- 70	311.8	14757
75.0	154.1	187.7	337.1	299.3					70- 75	178.4	14936
80.0	65.77	72.71	184.7	141.4					75- 80	91.76	15027
85.0	21.89	22.66	71.01	54.43					80- 85	40.40	15068
90.0	9.252	6.091	28.22	15.49					85- 90	14.21	15082
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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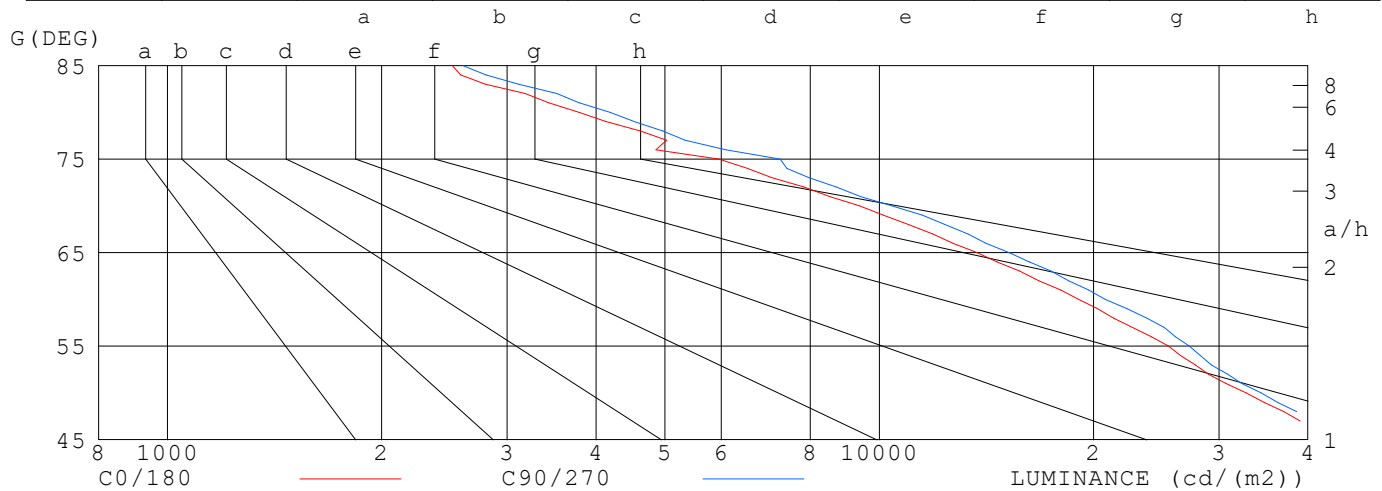
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

### 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	2513	2601
80	3788	4187
75	5955	7254
70	9385	10420
65	13713	15209
60	19043	20762
55	25489	27248
50	32752	34362
45	43402	46000

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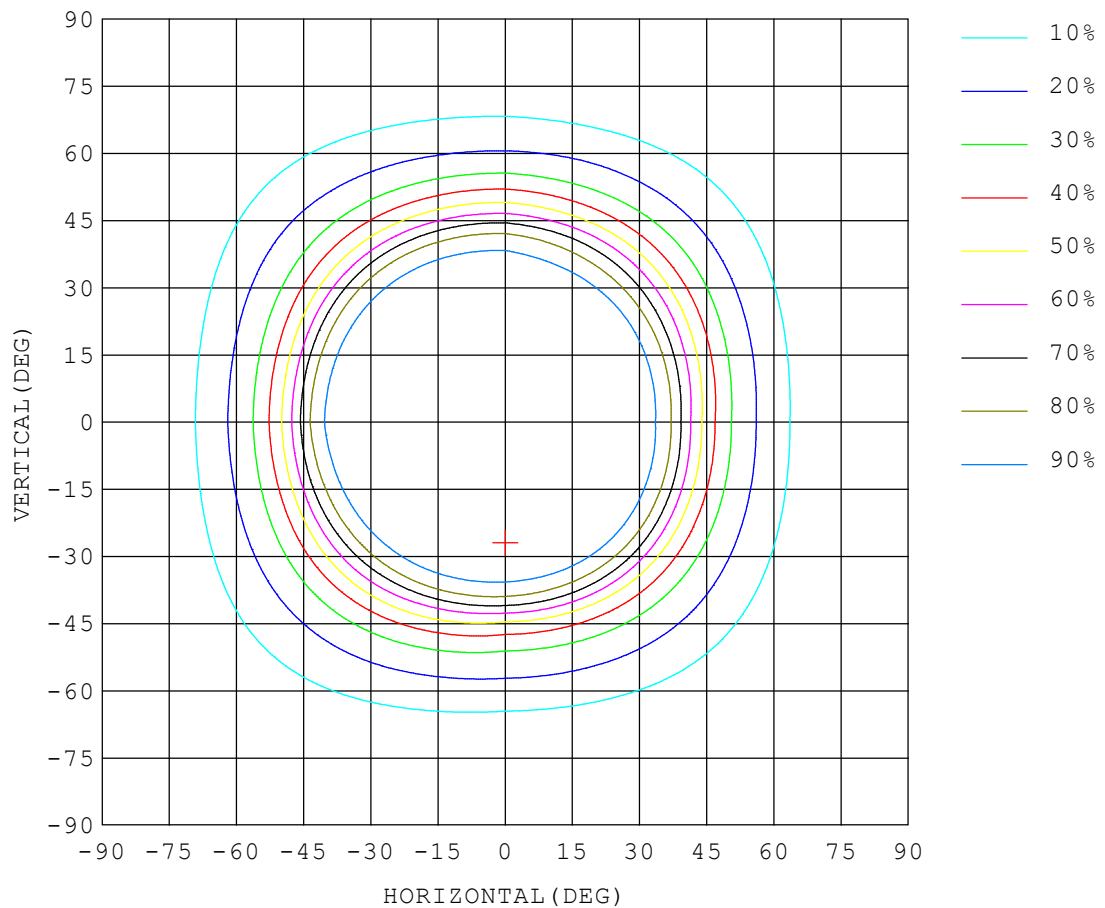
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 Remarks:

## ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

UNIT: cd



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