

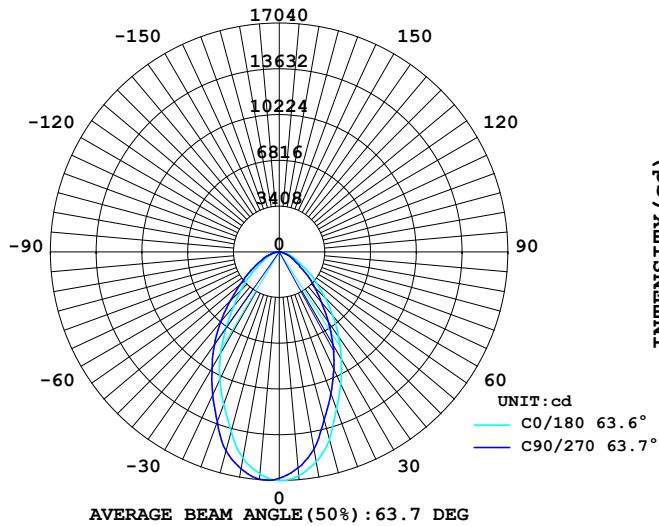
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

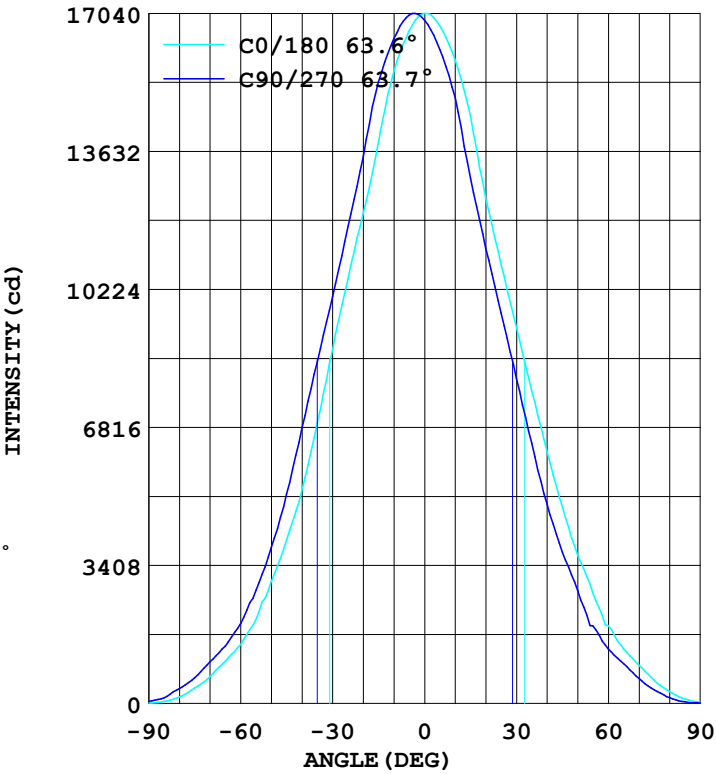
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L15040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	17040	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.96
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22454	Voltage(V)	230.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.4	Current(A)	0.670
NOMINAL FLUX(lm)	22454.0	$\eta$ up (%)	0.0	Power(W)	150.3
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.2	Effective Flux(lm)	20606.3	EEL	0.099

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:

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## Color Temperature Data List

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE:IL-HB12-L15040-691	WEIGHT:
SPECIFICATION:2835LED、4000K、60deg	DIMENSION:	SERIAL No.:

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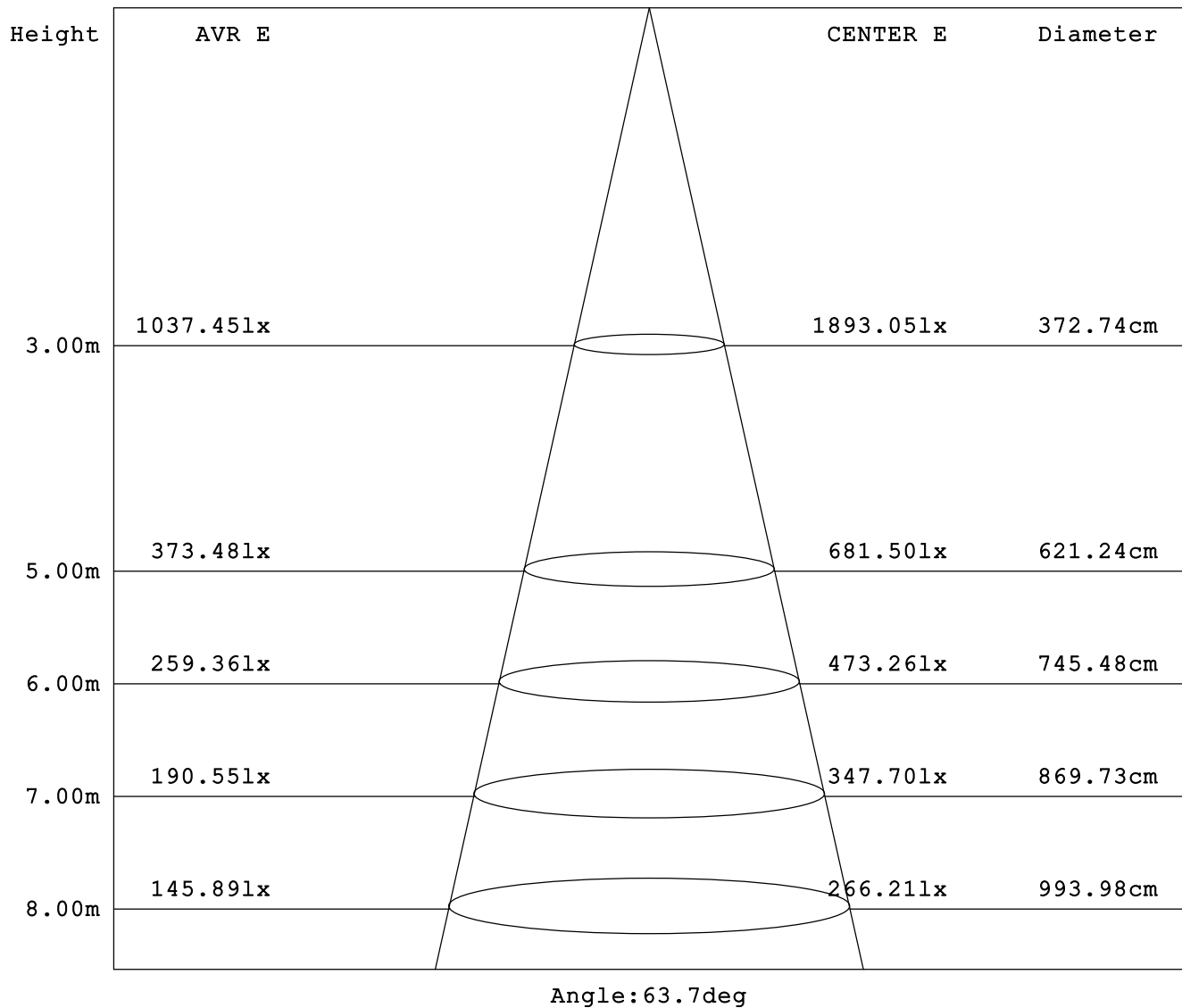
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Operators:  
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## AVERAGE AND CENTER E Figure

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



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Temperature: 25.3DEG  
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## ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C90	C180	C270					γ	Zone	total
5.0	1661	1700	1673	1615					0- 5	401.4	401.4
10.0	1560	1641	1588	1495					5- 10	1156	1558
15.0	1386	1535	1449	1296					10- 15	1772	3329
20.0	1211	1351	1248	1125					15- 20	2178	5507
25.0	1048	1177	1085	964.5					20- 25	2408	7915
30.0	874.1	1005	929.8	802.6					25- 30	2490	10405
35.0	693.9	843.2	771.9	643.0					30- 35	2410	12815
40.0	526.6	679.7	621.7	491.9					35- 40	2189	15004
45.0	403.3	517.2	485.5	372.6					40- 45	1886	16890
50.0	300.4	384.2	365.5	277.8					45- 50	1562	18452
55.0	208.3	280.3	272.5	191.8					50- 55	1230	19683
60.0	146.0	198.2	192.5	134.8					55- 60	927.2	20610
65.0	105.0	141.8	135.1	98.78					60- 65	696.1	21306
70.0	66.66	102.8	94.73	61.92					65- 70	509.5	21816
75.0	37.99	63.92	57.38	33.46					70- 75	335.1	22151
80.0	15.86	36.82	29.63	14.30					75- 80	189.4	22340
85.0	4.937	13.88	11.45	4.024					80- 85	85.99	22426
90.0	1.144	5.284	2.740	1.480					85- 90	27.84	22454
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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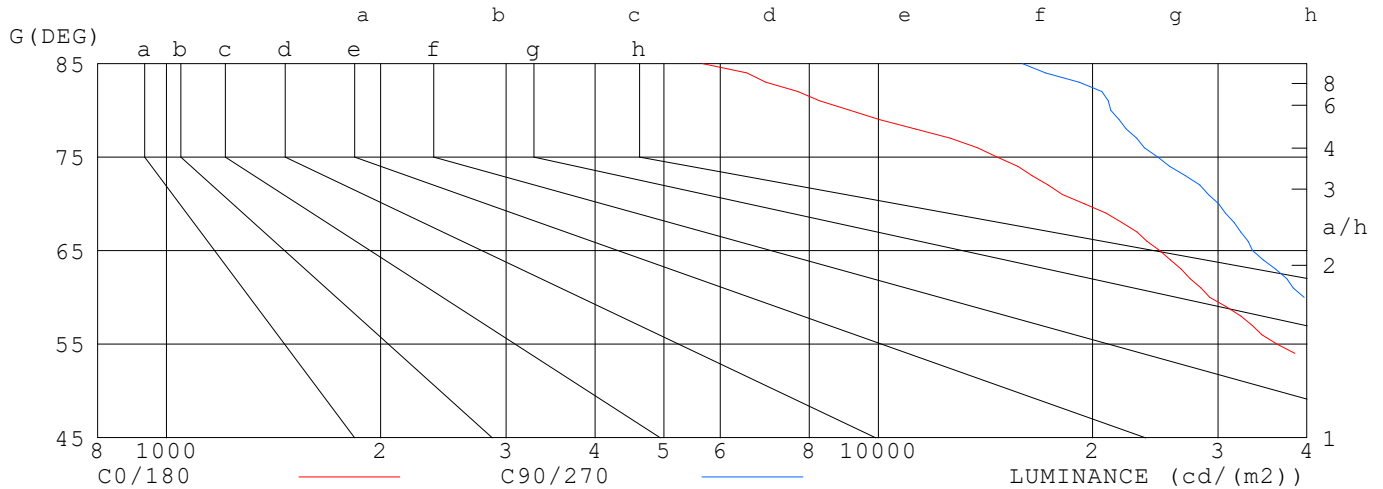
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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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	5665	15934
80	9136	21209
75	14681	24698
70	19491	30073
65	24863	33564
60	29218	39658
55	36317	48878
50	46737	59774
45	57041	73146

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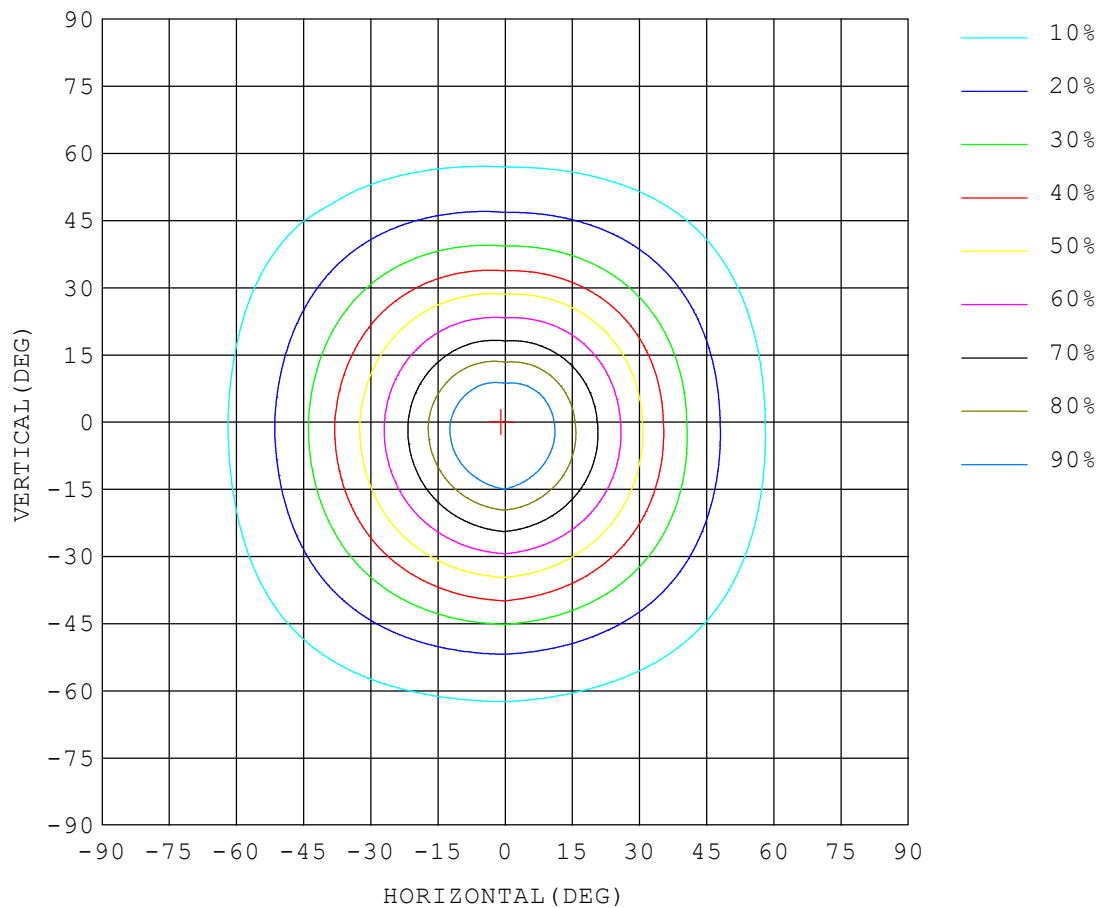
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Remarks:

## ISOCANDELA DIAGRAM

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

UNIT: cd



Test System:  
Temperature: 25.3 DEG  
Operators:  
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Test Set: 5.0 deg/s C-Gamma (TYPE C)  
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Test Distance: 10.000 m  
Remarks: