

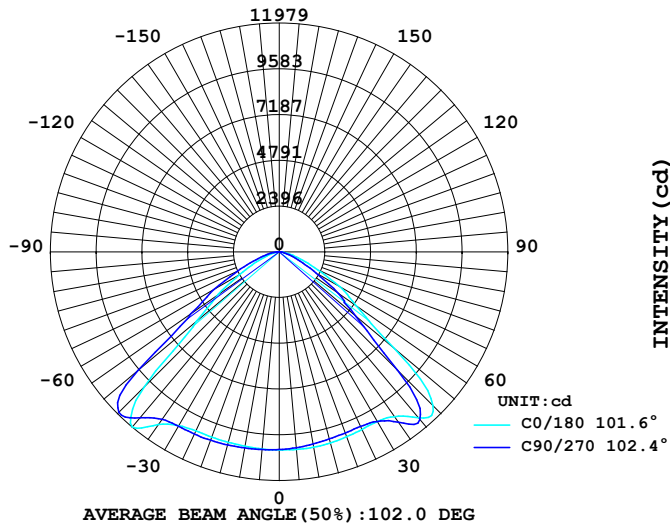
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

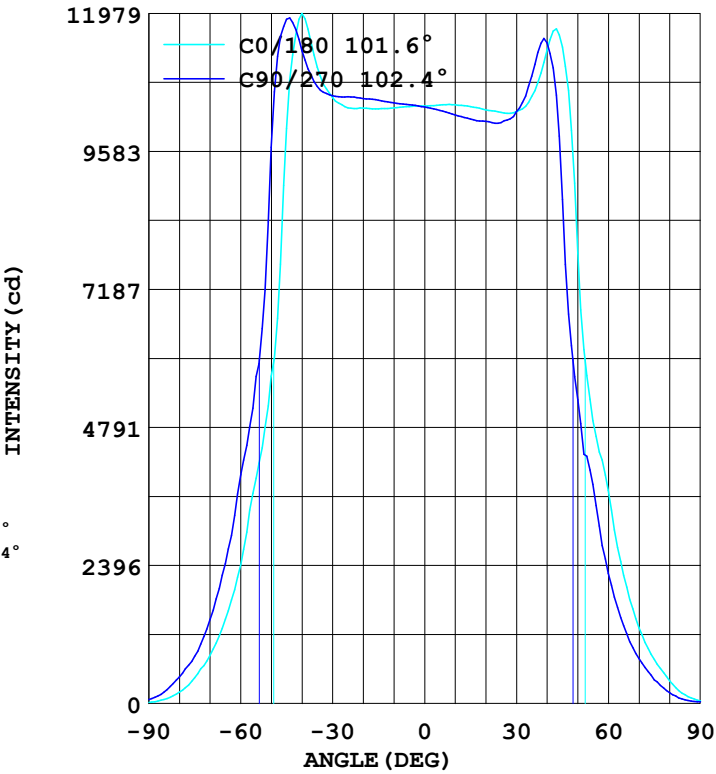
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L20040-691	WEIGHT:
SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	11979	S/MH (C0/180)	1.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.65
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	30180	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.6	Current(A)	0.908
NOMINAL FLUX(lm)	30180.0	$\eta$ up (%)	0.0	Power(W)	200.3
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.958
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	29272.7	EEL	0.093

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:

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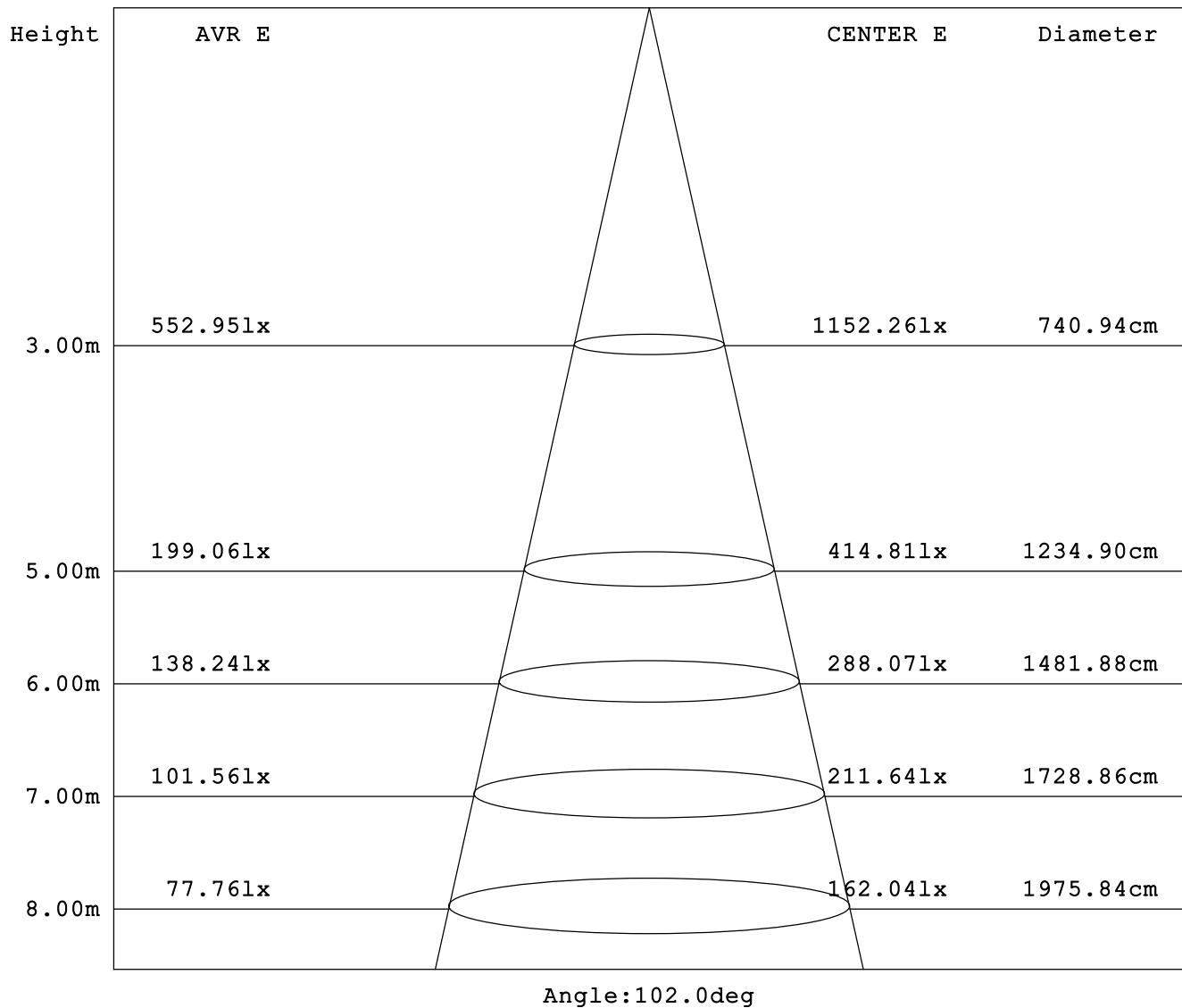
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Operators:  
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## AVERAGE AND CENTER E Figure

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SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:



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## ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	Zone	total
5.0	1036	1039	1039	1029					0- 5	247.7	247.7
10.0	1033	1043	1039	1022					5- 10	740.5	988.2
15.0	1032	1047	1036	1014					10- 15	1226	2214
20.0	1033	1050	1030	1011					15- 20	1700	3914
25.0	1034	1053	1026	1008					20- 25	2161	6075
30.0	1052	1055	1027	1027					25- 30	2616	8692
35.0	1104	1071	1054	1089					30- 35	3110	11802
40.0	1198	1133	1134	1147					35- 40	3735	15537
45.0	998.0	1188	1139	874.8					40- 45	4178	19715
50.0	567.8	965.2	780.7	526.8					45- 50	3560	23275
55.0	391.0	567.4	491.0	380.2					50- 55	2415	25690
60.0	240.6	396.9	369.7	225.6					55- 60	1743	27434
65.0	146.1	243.3	222.3	135.1					60- 65	1179	28612
70.0	83.76	145.7	131.2	78.07					65- 70	736.3	29349
75.0	44.98	81.69	76.65	40.79					70- 75	437.0	29786
80.0	19.84	45.93	39.42	18.65					75- 80	241.7	30027
85.0	7.079	19.76	15.13	6.588					80- 85	112.2	30140
90.0	2.041	7.053	4.753	2.841					85- 90	40.42	30180
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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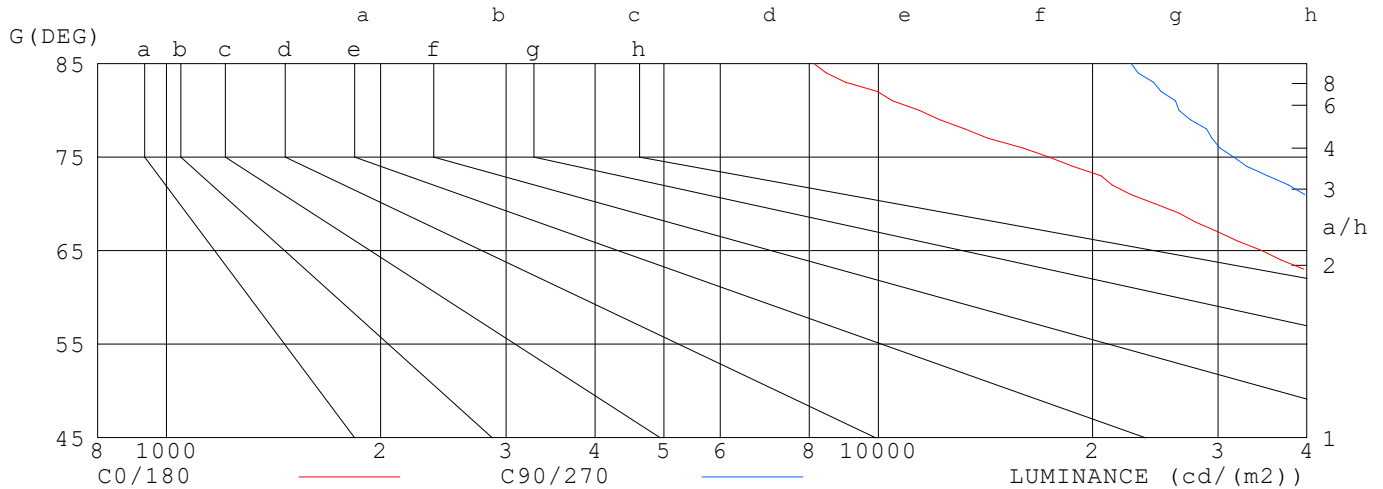
## LUMINANCE LIMITATION CURVES

Report number:

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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	8122	22677
80	11427	26454
75	17379	31564
70	24490	42627
65	34577	57582
60	48128	79400
55	68179	98930
50	88338	150164
45	141149	167979

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 Temperature: 25.3 DEG  
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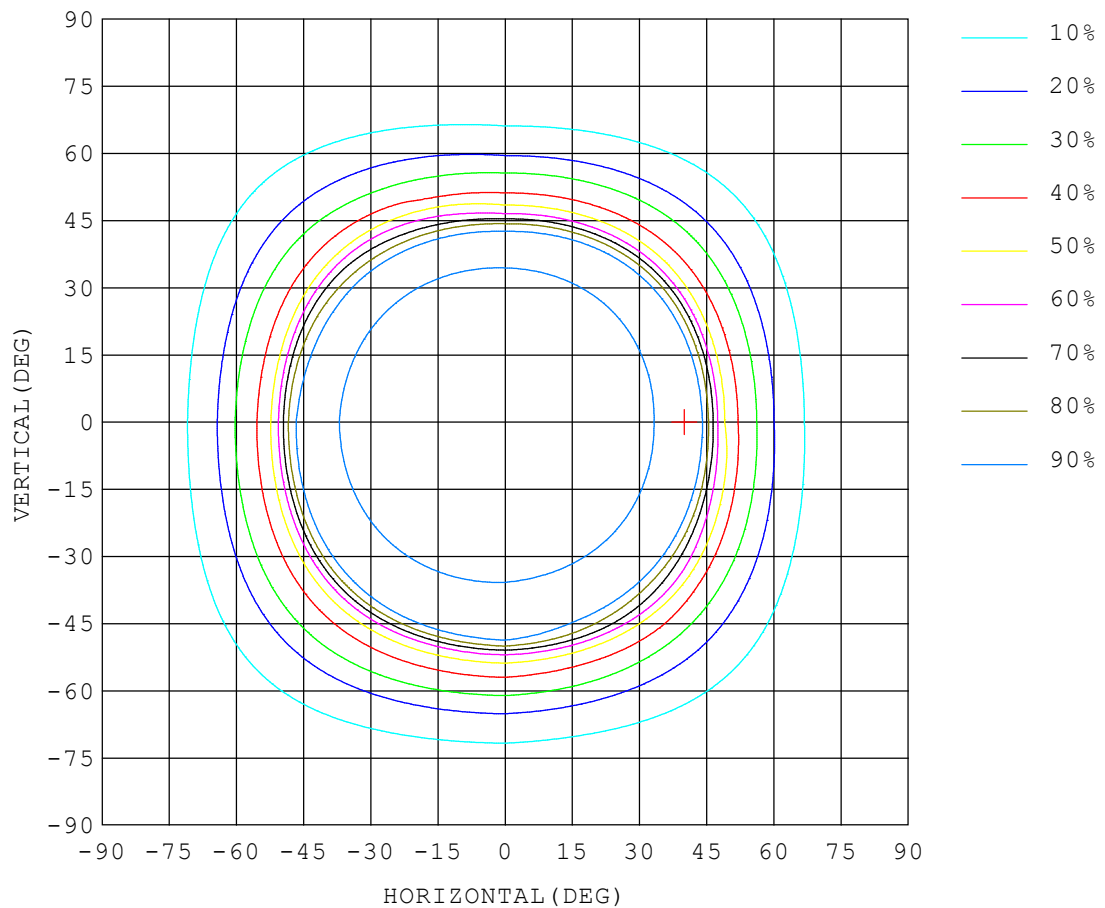
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## ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、105deg	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:  
Temperature: 25.3 DEG  
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