

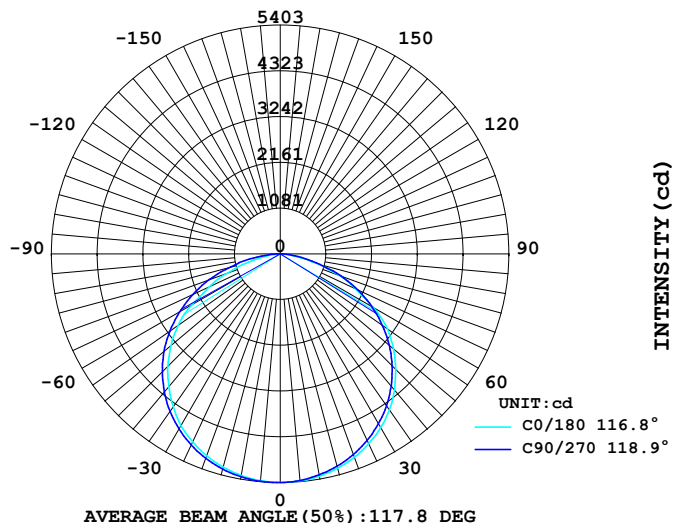
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

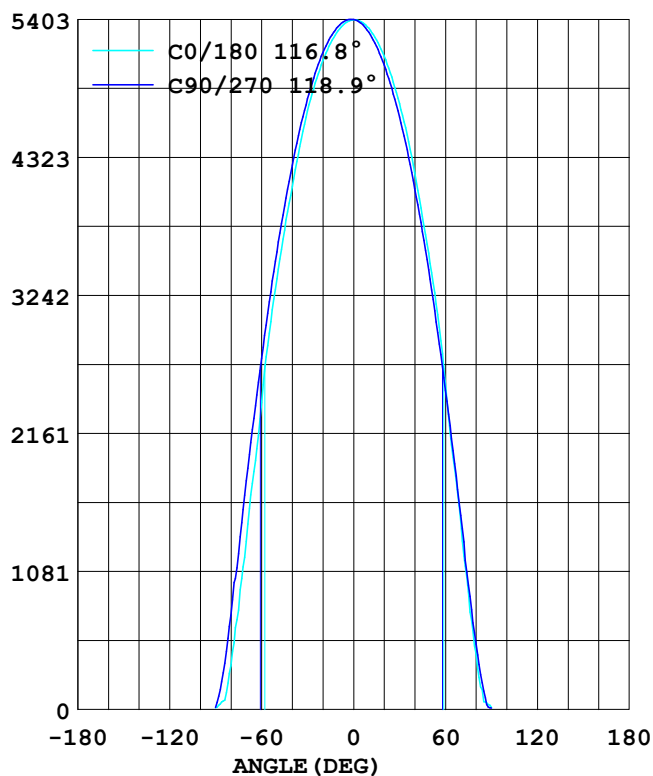
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Matilda	TYPE: IL-HB23-N10040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5403	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER(W)	100.2	TOTAL FLUX(lm)	15990	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.6	Current(A)	0.424
NOMINAL FLUX(lm)	15990.0	η up (%)	0.0	Power(W)	100.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	15990.0	EEL	0.085

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:

Color Temperature Data List

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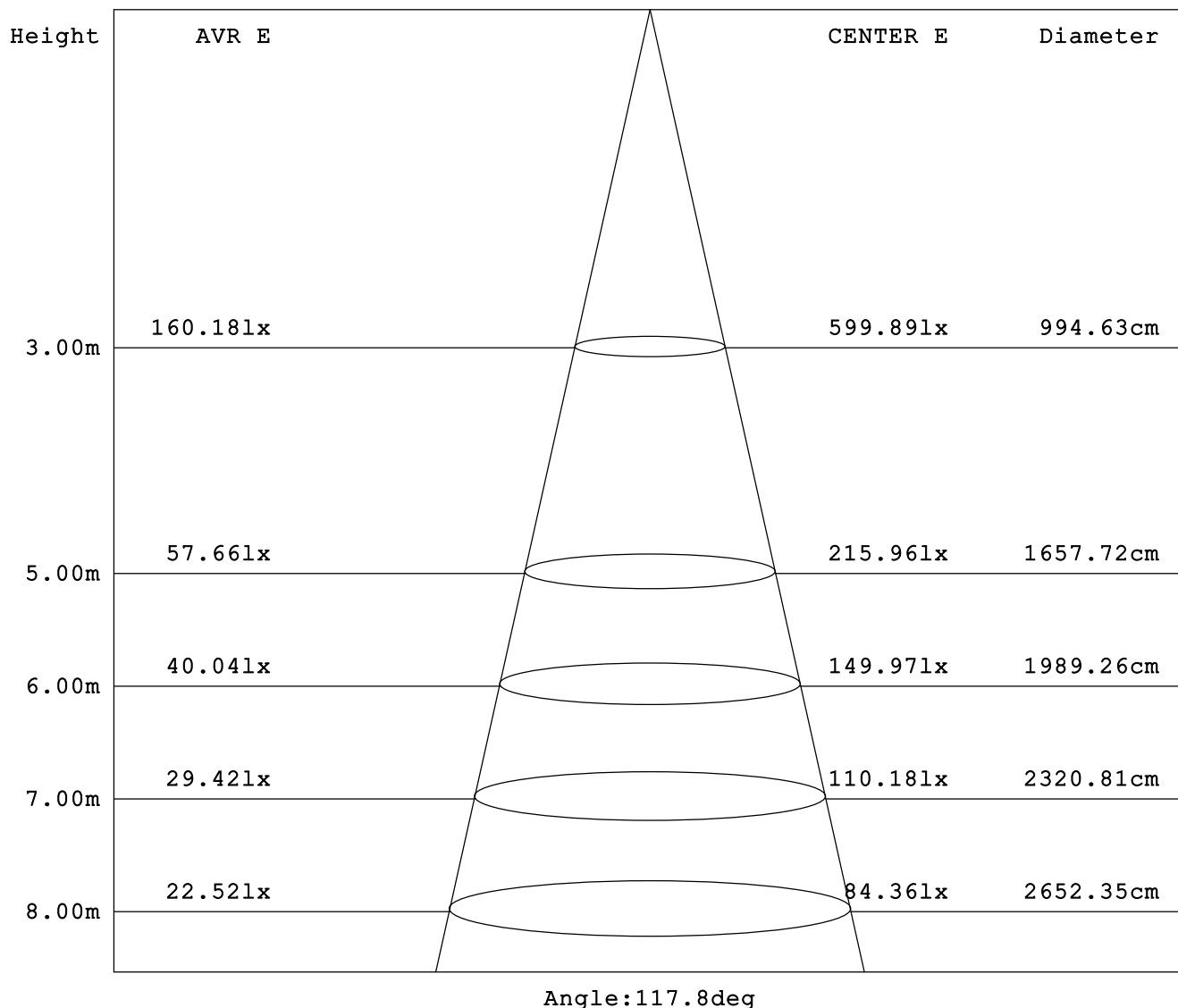
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Matilda	TYPE:IL-HB23-N10040-110	WEIGHT:
SPECIFICATION:2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5376	5377	5394	5390	5384	5380	5372	5374	0- 5	128.8	128.8
10.0	5315	5318	5348	5342	5333	5324	5301	5307	5- 10	382.9	511.8
15.0	5214	5221	5264	5257	5243	5231	5191	5201	10- 15	625.8	1138
20.0	5079	5089	5141	5132	5114	5098	5048	5060	15- 20	850.7	1988
25.0	4903	4915	4982	4968	4950	4925	4862	4879	20- 25	1051	3039
30.0	4687	4701	4780	4769	4744	4719	4639	4658	25- 30	1219	4258
35.0	4408	4454	4541	4526	4498	4469	4382	4405	30- 35	1351	5609
40.0	4094	4162	4262	4251	4203	4179	4080	4097	35- 40	1440	7049
45.0	3754	3811	3943	3927	3859	3855	3739	3741	40- 45	1480	8529
50.0	3373	3435	3582	3554	3492	3480	3369	3361	45- 50	1472	10001
55.0	2946	3027	3191	3148	3092	3065	2952	2947	50- 55	1414	11415
60.0	2403	2568	2751	2707	2554	2621	2500	2490	55- 60	1300	12715
65.0	1863	2100	2279	2231	1973	2136	2027	1995	60- 65	1128	13843
70.0	1316	1498	1790	1628	1475	1528	1521	1380	65- 70	914.4	14758
75.0	778.2	1024	1220	1124	920.2	1025	973.9	859.8	70- 75	653.0	15411
80.0	341.2	465.0	737.0	562.3	436.2	476.2	512.6	388.8	75- 80	390.6	15801
85.0	66.53	78.84	287.5	137.7	61.76	107.2	144.3	43.29	80- 85	158.4	15960
90.0	14.44	12.12	16.45	27.69	15.11	16.49	12.12	9.230	85- 90	30.16	15990
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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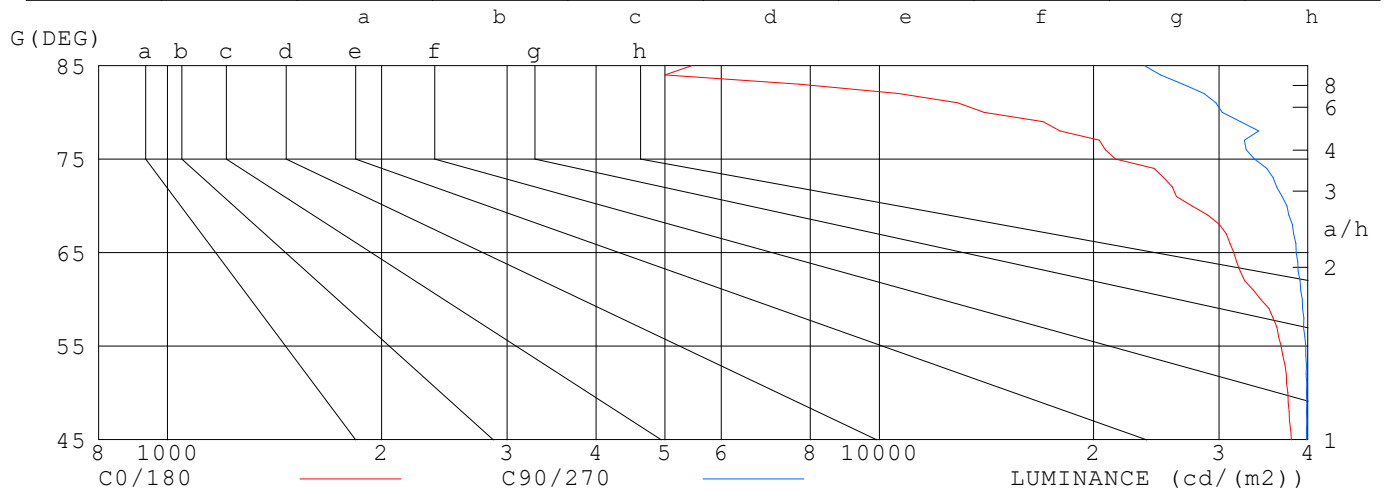
LUMINANCE LIMITATION CURVES

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SPECIFICATION: 2835LED、4000K、110deg	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	5453	23565
80	14038	30319
75	21478	33670
70	27494	37375
65	31482	38524
60	34325	39302
55	36693	39744
50	37477	39809
45	37917	39827

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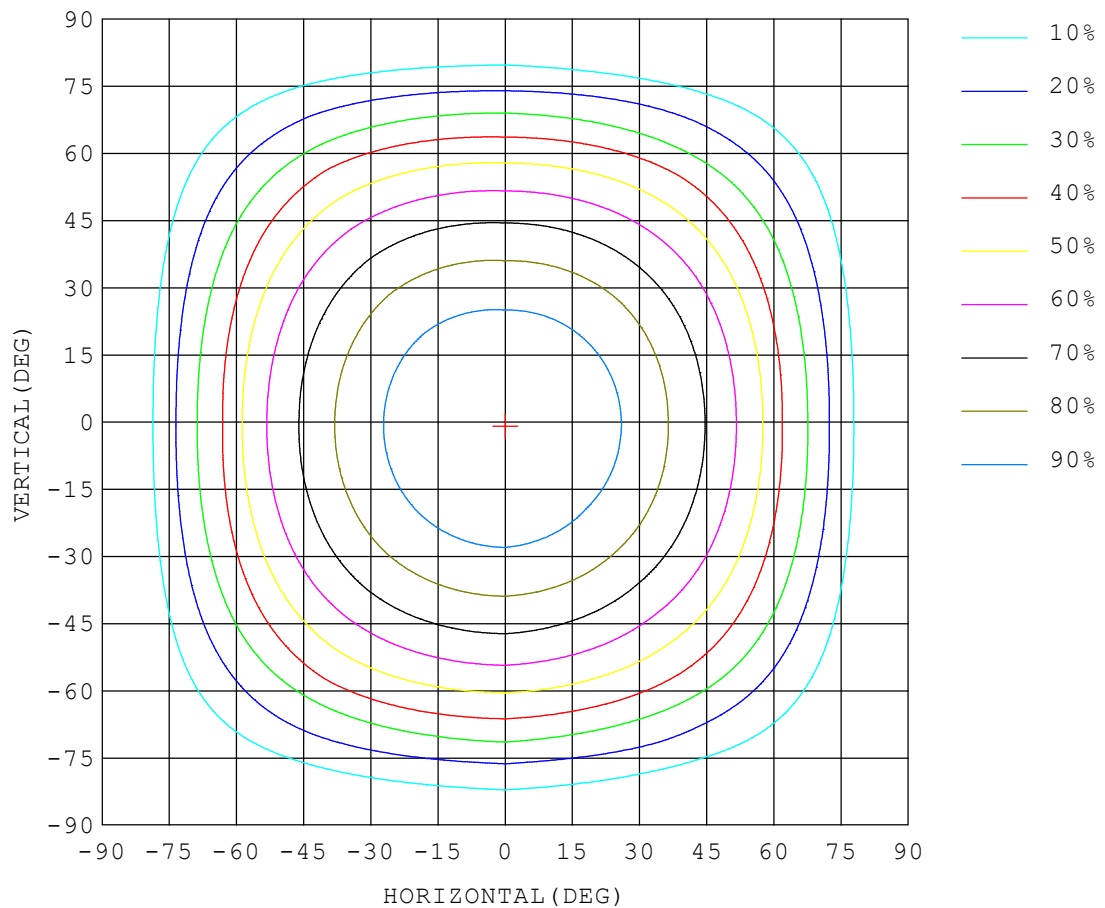
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ISOCANDELA DIAGRAM

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UNIT: cd



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