

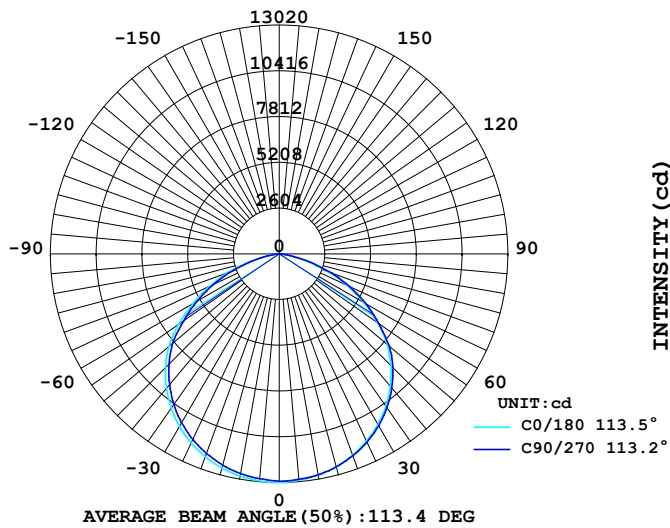
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

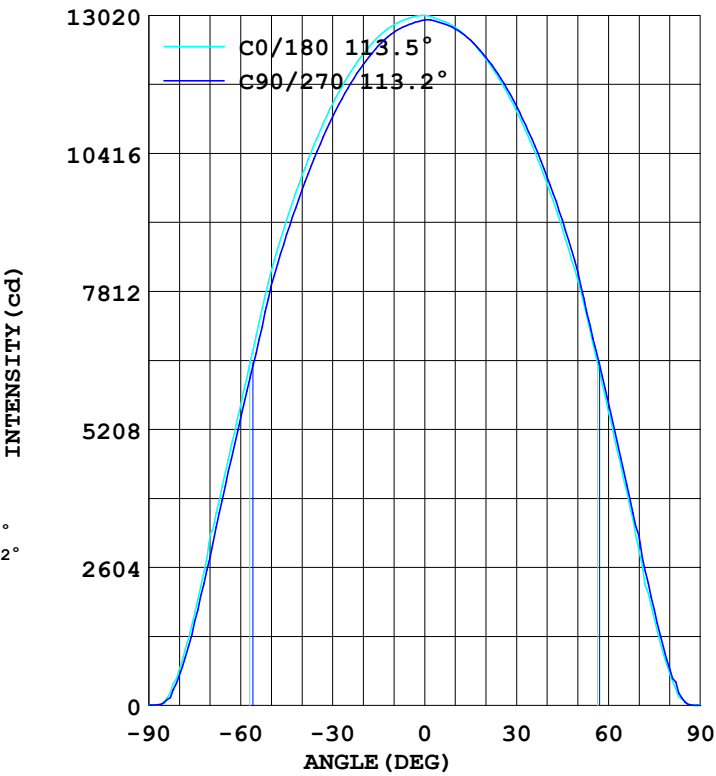
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Lina	TYPE: IL-HB12-L24040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	13020	S/MH (C0/180)	1.30
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	35884	Voltage(V)	229.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.8	Current(A)	1.061
NOMINAL FLUX(lm)	35884.0	η up (%)	0.0	Power(W)	239.6
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	229.9	Effective Flux(lm)	35884.0	EEL	0.091

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.22

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

Color Temperature Data List

Report number:

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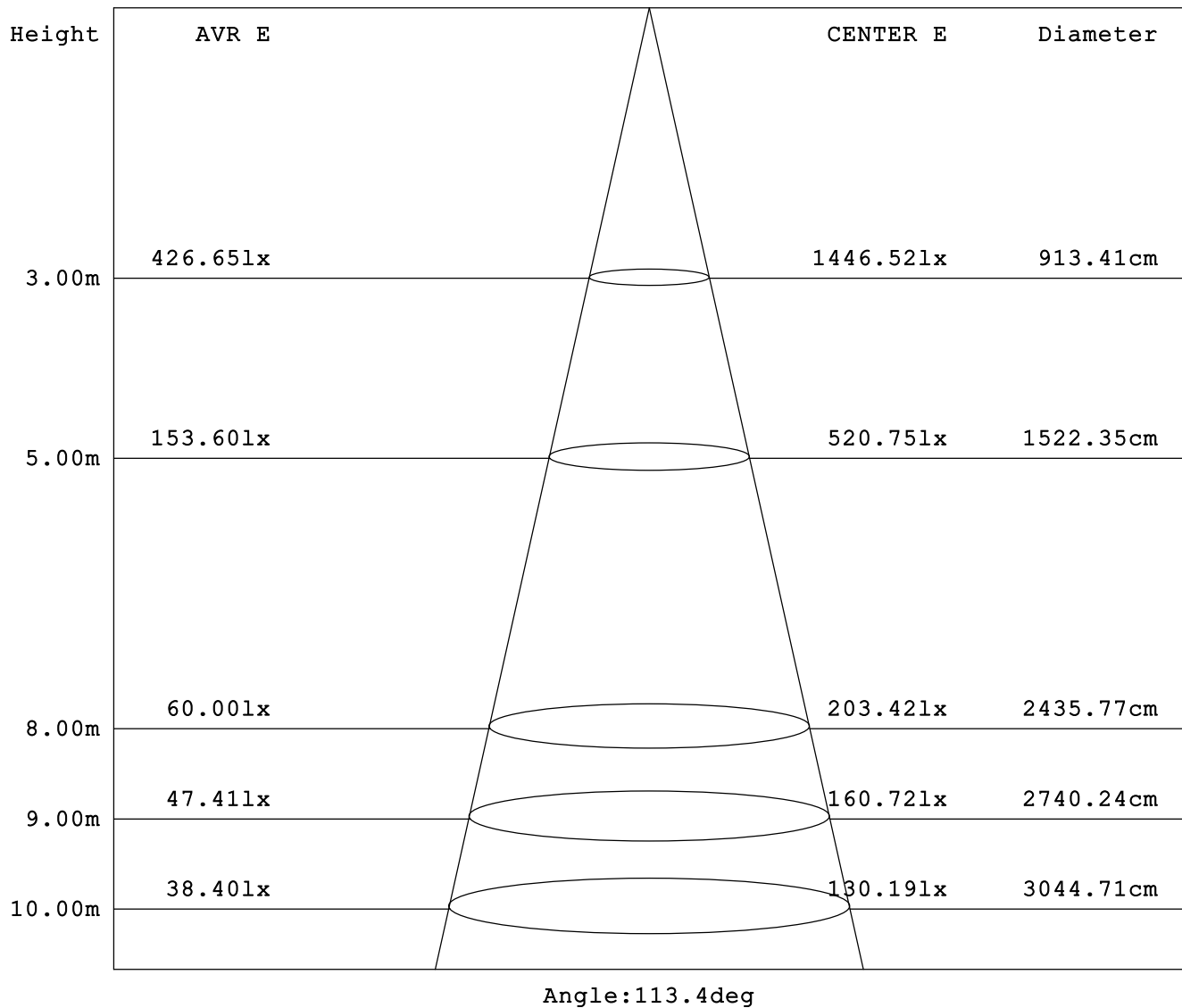
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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NAME: Lina	TYPE:IL-HB12-L24040-110	WEIGHT:
SPECIFICATION:2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1297	1289	1285	1282	1294	1291	1289	1285	0- 5	308.7	308.7
10.0	1284	1276	1270	1267	1280	1278	1277	1273	5- 10	916.8	1226
15.0	1262	1252	1245	1243	1255	1255	1255	1251	10- 15	1499	2724
20.0	1229	1217	1209	1207	1220	1222	1223	1219	15- 20	2035	4759
25.0	1187	1174	1164	1163	1176	1180	1182	1178	20- 25	2509	7269
30.0	1135	1120	1111	1109	1122	1128	1131	1126	25- 30	2907	10176
35.0	1072	1055	1046	1044	1057	1064	1070	1063	30- 35	3211	13387
40.0	999.9	980.9	971.6	969.4	984.7	990.3	996.9	990.7	35- 40	3409	16796
45.0	915.5	895.4	888.3	884.0	898.7	905.6	915.3	906.4	40- 45	3491	20286
50.0	818.9	797.2	792.0	783.1	801.7	805.0	818.0	807.6	45- 50	3442	23728
55.0	698.0	670.9	663.7	657.1	683.4	680.8	692.1	679.8	50- 55	3214	26942
60.0	567.1	542.9	543.0	532.9	555.5	557.3	572.4	553.5	55- 60	2834	29776
65.0	440.8	414.8	414.5	405.8	426.2	428.8	442.9	422.9	60- 65	2365	32141
70.0	321.8	281.4	279.4	271.8	293.4	295.7	320.3	291.2	65- 70	1812	33953
75.0	174.1	158.2	158.4	152.1	163.3	170.0	180.4	167.1	70- 75	1171	35123
80.0	67.83	57.66	56.48	54.96	59.91	65.34	69.26	64.84	75- 80	585.9	35709
85.0	7.550	6.905	4.873	6.342	7.358	9.067	6.109	9.445	80- 85	163.1	35873
90.0	0.714	0.707	0.920	0.686	0.851	0.645	0.412	0.645	85- 90	11.44	35884
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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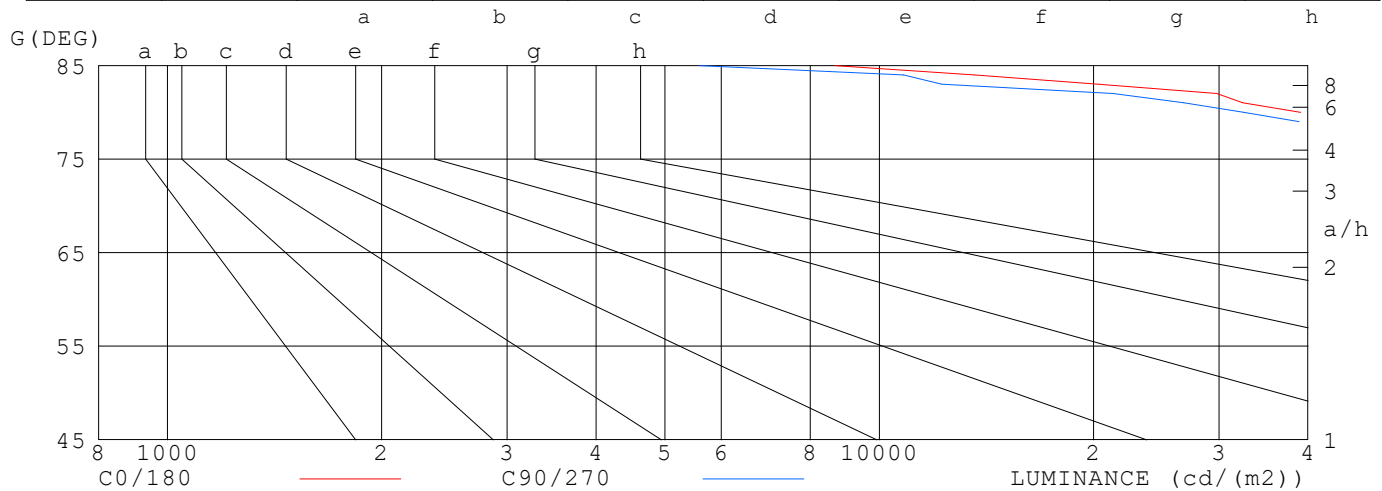
LUMINANCE LIMITATION CURVES

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	8664	5592
80	39064	32526
75	67292	61203
70	94106	81694
65	104317	98083
60	113433	108604
55	121705	115714
50	127409	123223
45	129475	125630

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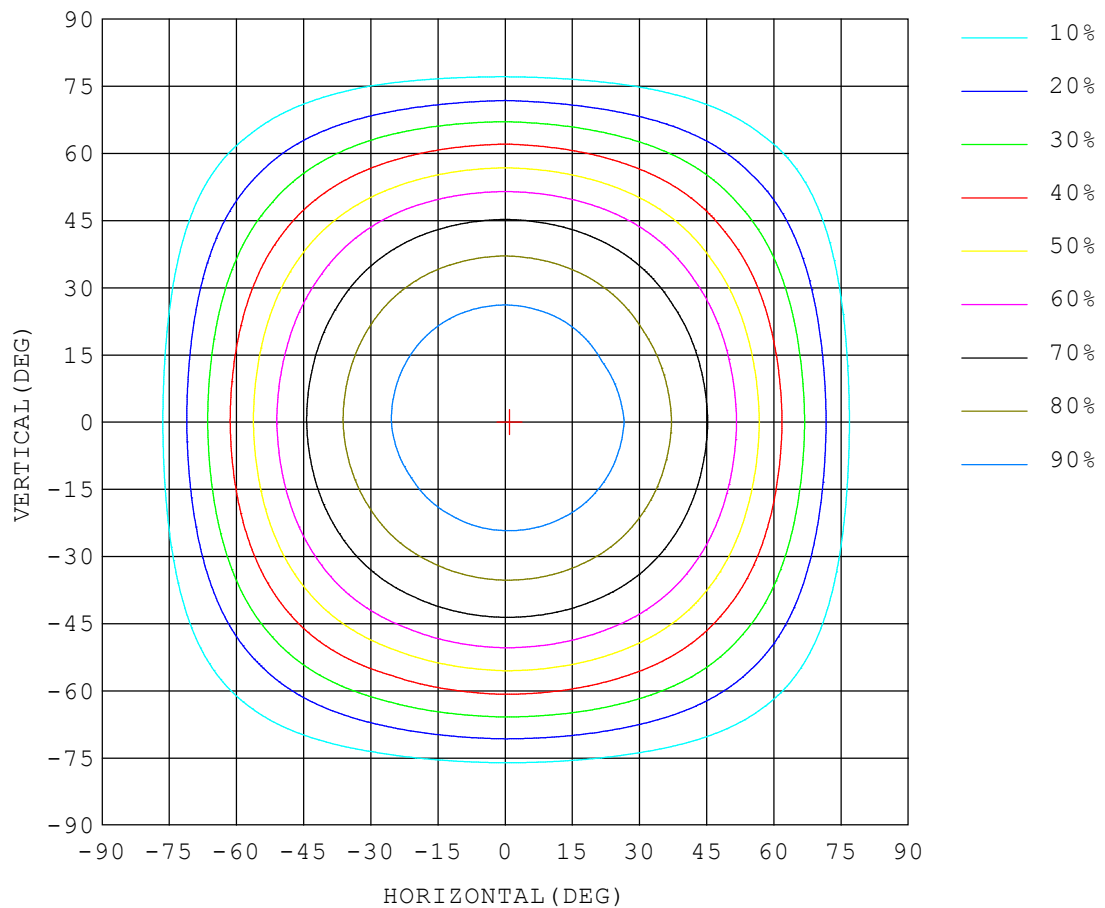
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ISOCANDELA DIAGRAM

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UNIT: cd



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