

LUMINAIRE PHOTOMETRIC TEST REPORT

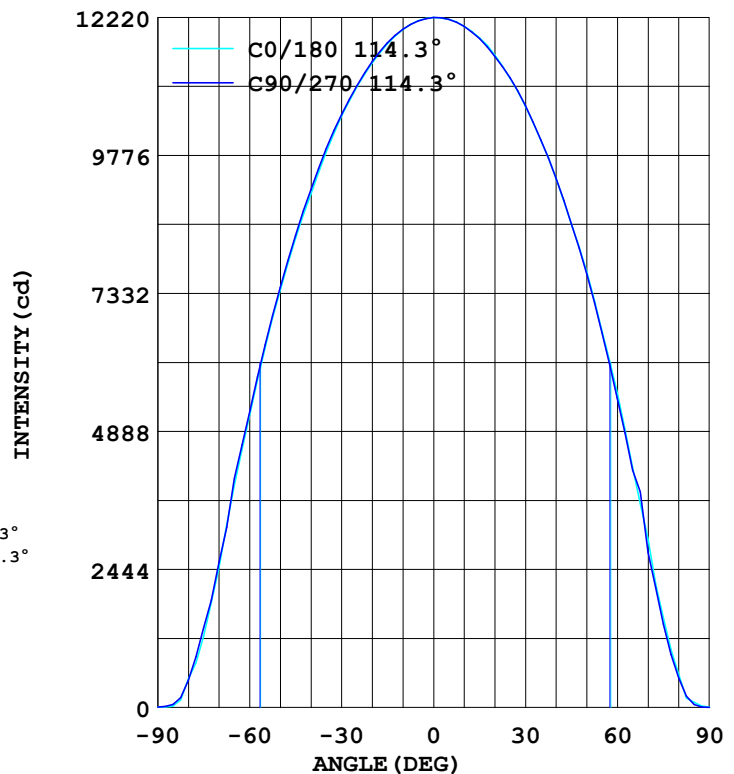
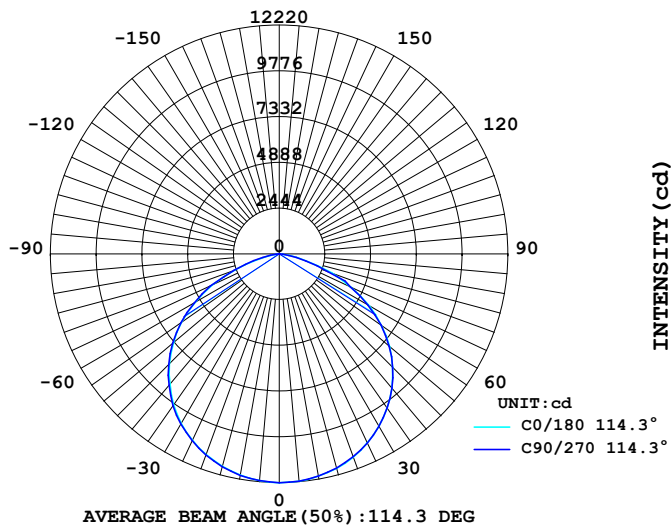
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	12220	S/MH (C0/180)	1.27
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	33988	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	169.5	Current(A)	0.882
NOMINAL FLUX(lm)	33988.0	η up (%)	0.0	Power(W)	200.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	33988.0	EEL	0.088

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.19

Test Set: 6.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

Color Temperature Data List

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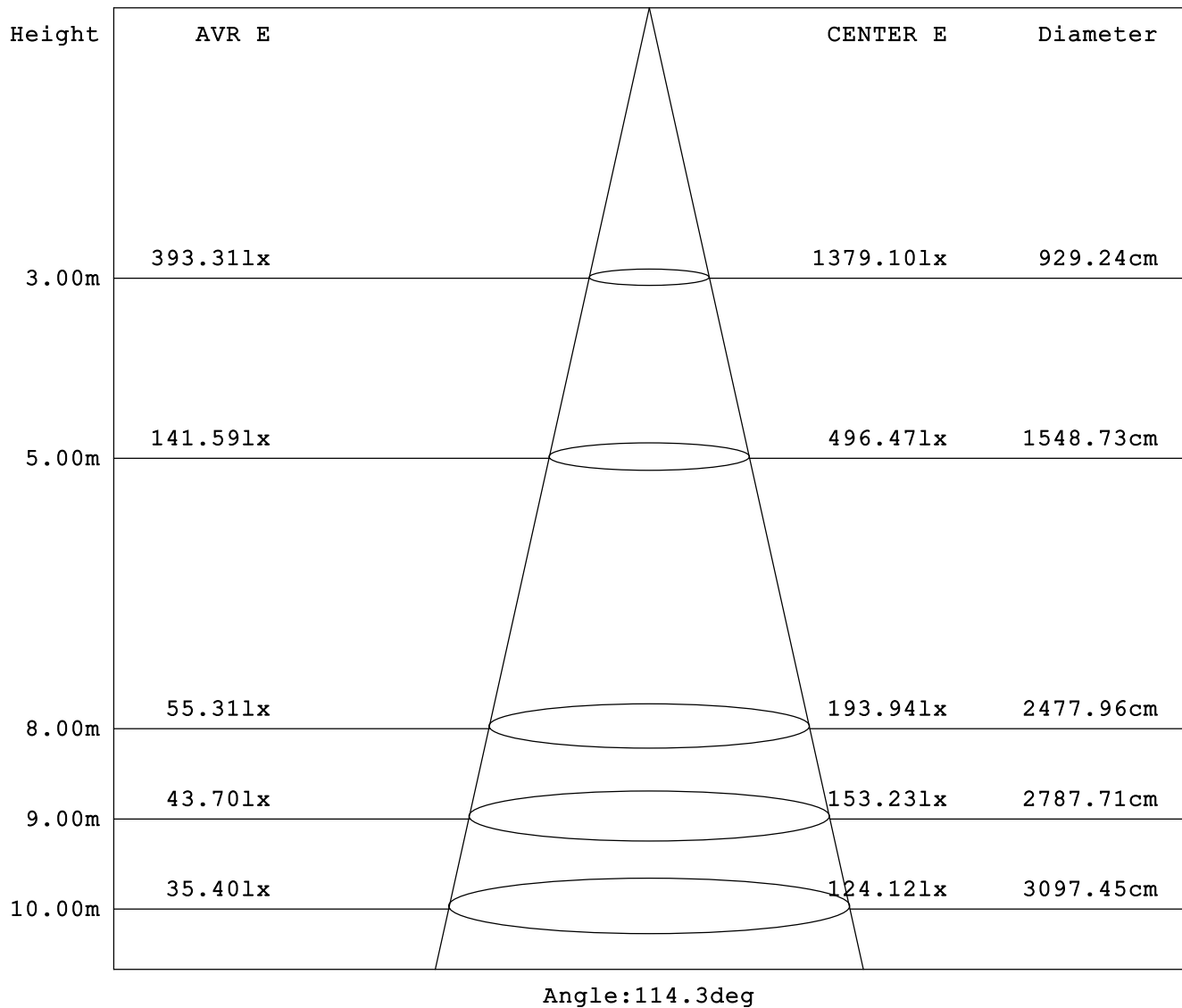
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1216	1215	1216	1218	1219	1219	1218	1217	0- 5	291.5	291.5
10.0	1200	1200	1201	1205	1206	1208	1206	1203	5- 10	866.0	1158
15.0	1175	1175	1177	1182	1186	1187	1184	1179	10- 15	1414	2572
20.0	1142	1142	1144	1152	1155	1156	1153	1145	15- 20	1920	4492
25.0	1099	1097	1101	1110	1114	1117	1115	1104	20- 25	2366	6858
30.0	1048	1044	1050	1058	1065	1069	1066	1054	25- 30	2739	9596
35.0	983.6	982.1	990.0	999.0	1005	1010	1005	991.9	30- 35	3023	12619
40.0	908.9	908.8	916.6	928.2	936.7	942.1	936.7	921.7	35- 40	3206	15826
45.0	830.6	827.2	835.8	849.0	855.7	861.6	855.8	839.9	40- 45	3278	19104
50.0	738.2	734.8	743.2	755.6	771.1	774.6	767.3	751.4	45- 50	3232	22336
55.0	636.9	633.3	641.8	656.3	667.5	674.2	664.0	647.5	50- 55	3061	25396
60.0	518.1	516.7	524.1	542.9	557.1	563.1	547.2	536.9	55- 60	2754	28150
65.0	394.1	396.0	406.2	422.7	424.9	437.3	420.0	410.4	60- 65	2320	30470
70.0	247.8	251.8	257.3	267.4	299.2	302.0	275.0	263.0	65- 70	1752	32222
75.0	126.7	134.9	141.5	156.0	158.7	168.4	147.5	147.2	70- 75	1094	33316
80.0	50.07	44.66	47.67	54.00	58.60	63.23	52.24	50.83	75- 80	522.3	33838
85.0	2.615	4.404	5.442	7.847	9.300	10.91	5.300	5.980	80- 85	134.6	33973
90.0	0.681	0.735	0.899	0.731	0.913	0.735	0.347	0.635	85- 90	15.03	33988
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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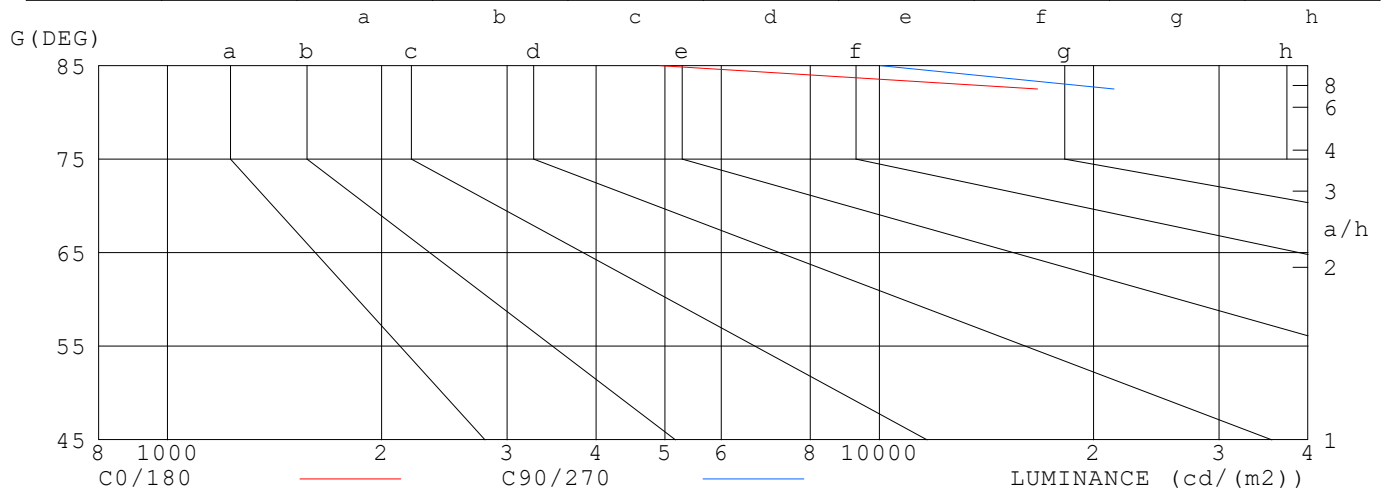
LUMINANCE LIMITATION CURVES

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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	4916	10035
80	47241	44117
75	80197	87905
70	118693	120894
65	152801	154457
60	169774	168451
55	181930	179813
50	188149	185822
45	192434	189960

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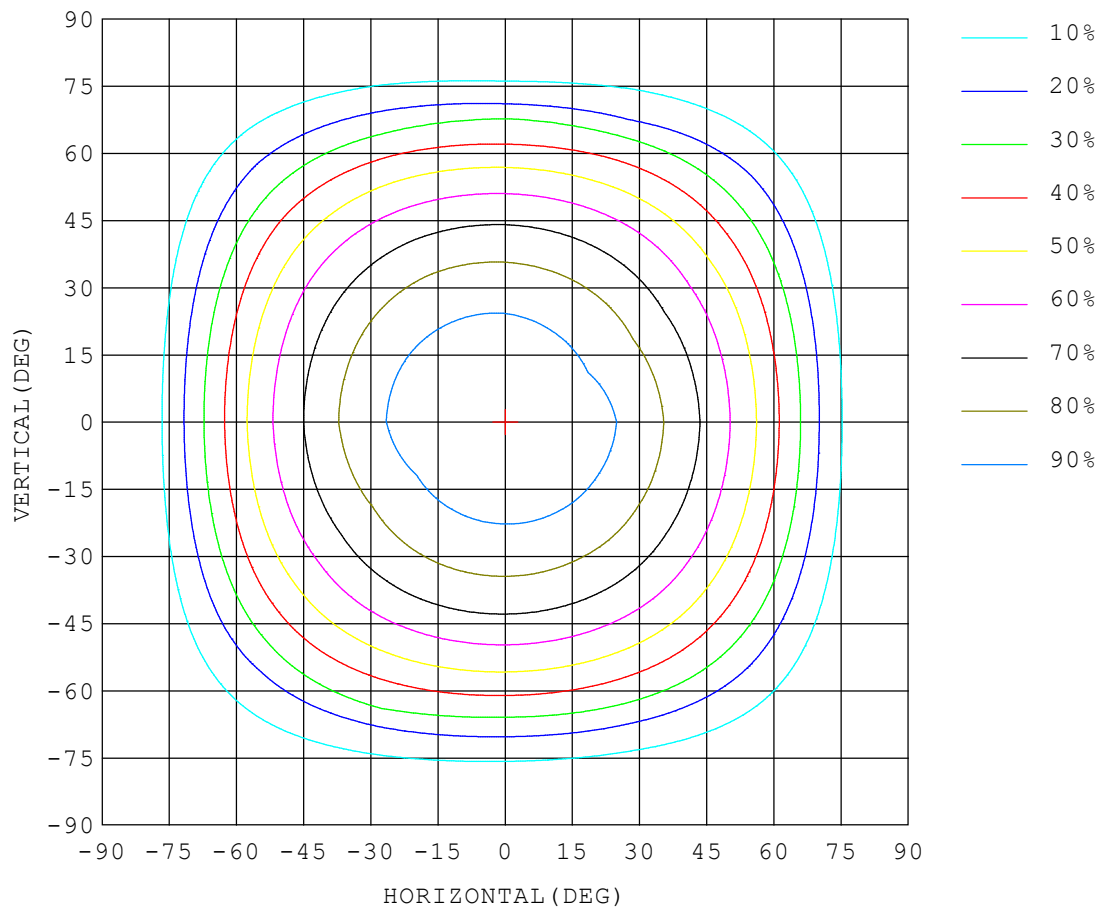
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ISOCANDELA DIAGRAM

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UNIT: cd



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