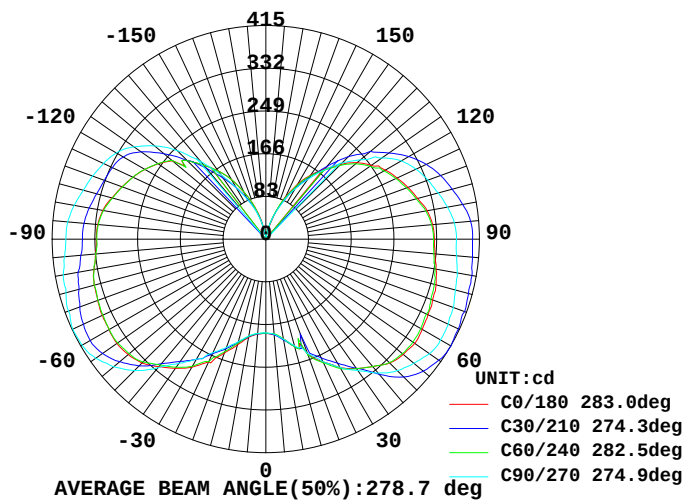


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:

MODEL:		Imax(cd):	415.1	Effective Flux(lm):	3564.1
NOMINAL POWER(W):	28	MAXIMUM(C, γ):	210, 60.0	EEI	0.108
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	3564.1	η street_up(%):	21.2	Current(A)	0.135
TEST FLUX(lm):	3564.1	η street_down(%):	28.8	Power(W)	28.21
LAMPS QUANTITY:	1	η house_up(%)	21.2	Power Factor	0.946
TOTAL RADIANT(mw):	3564.1	η house_down(%)	28.8	EEFICIENCY(lm/W)	126.3



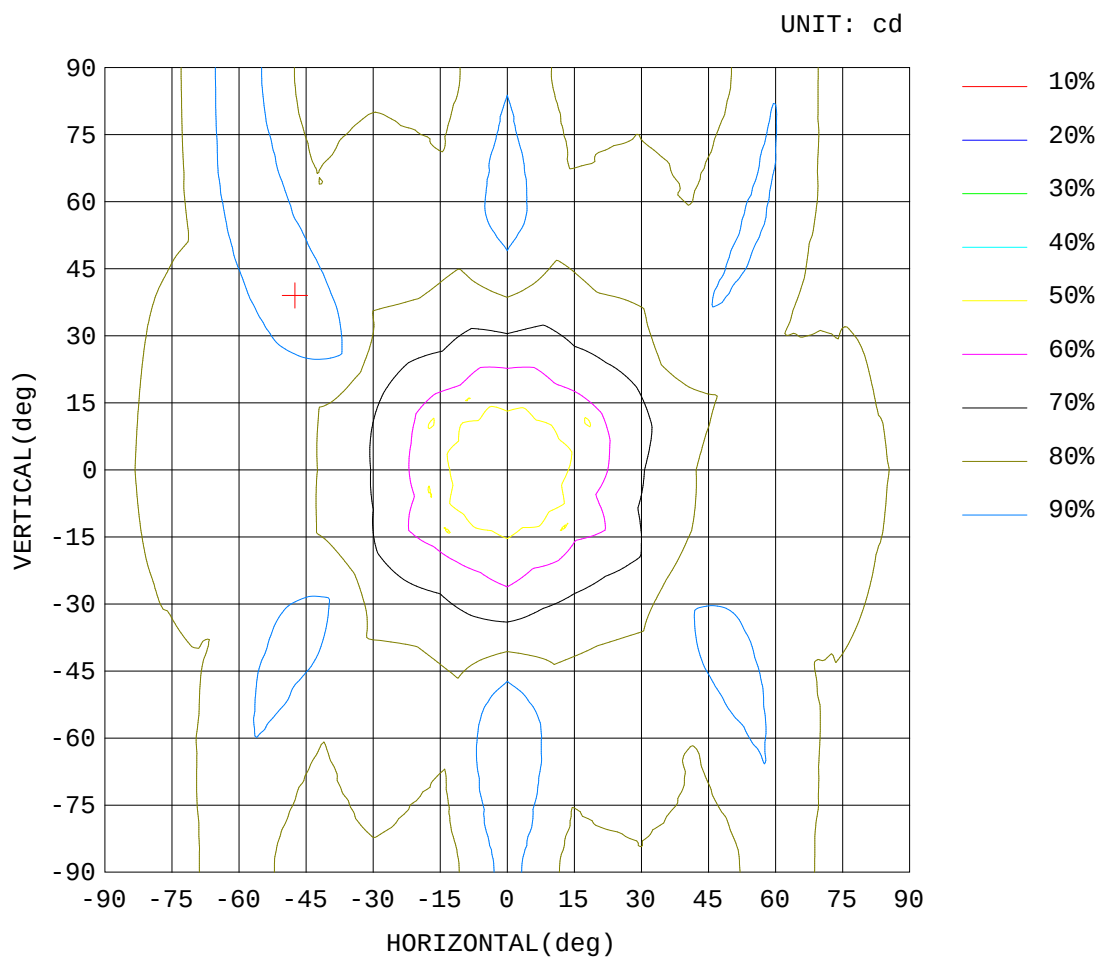
Temperature: 25.3°C
Operators:
Test Date: 27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 80Ra. 65,2% Flickering. Temp. 52.6

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:



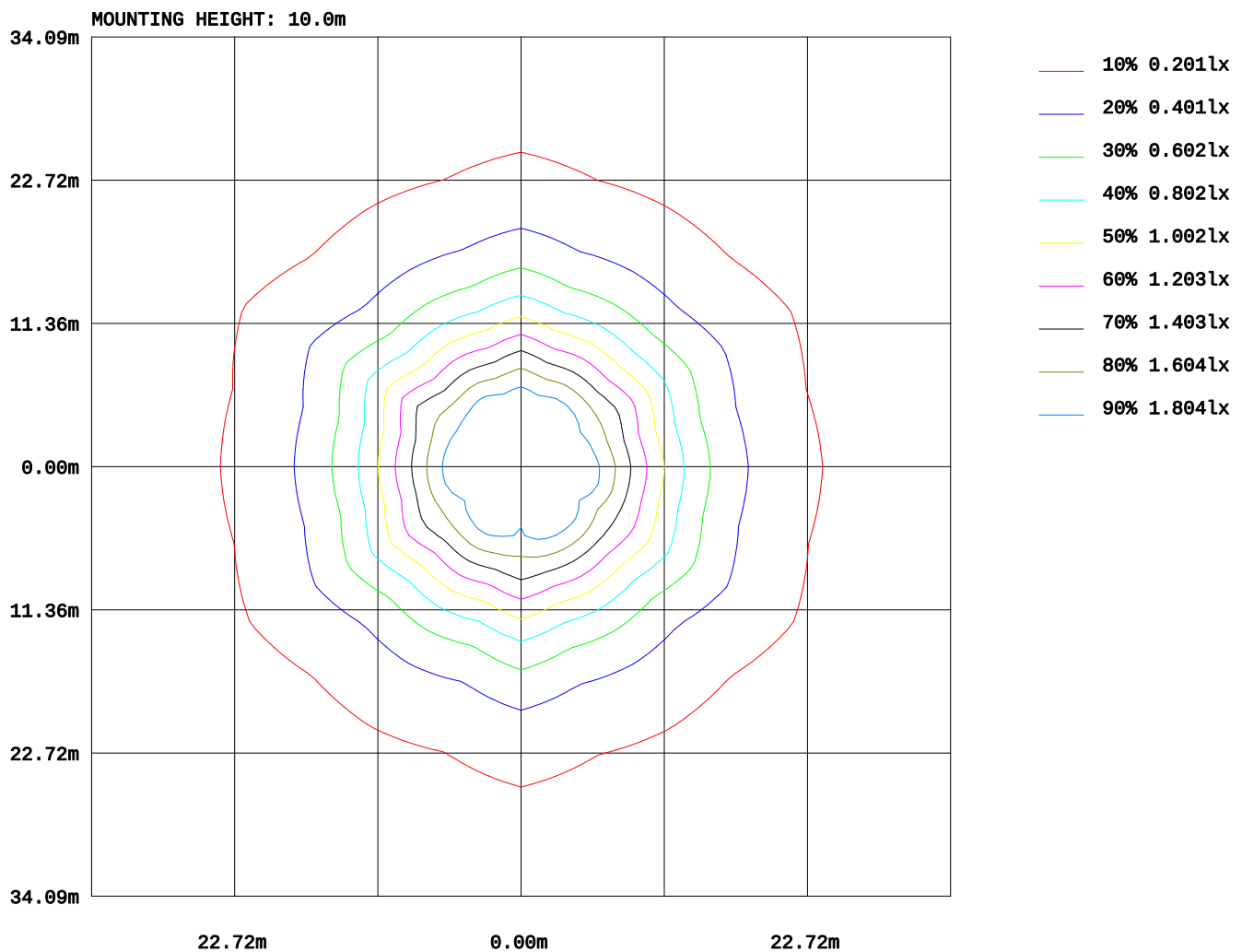
Temperature:25.3'C
Operators:
Test Date:27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra. 65,2% Flickering. Temp. 52.6

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:



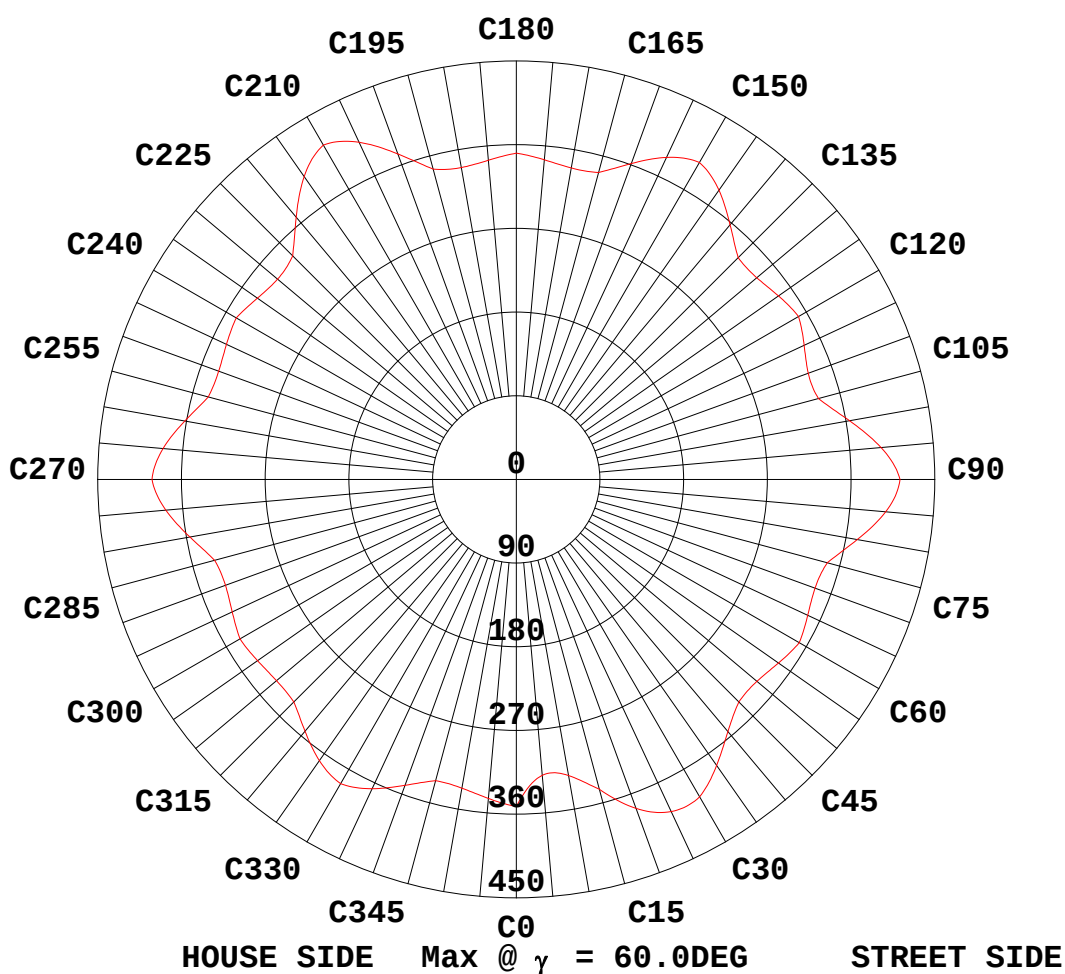
Temperature: 25.3°C
 Operators:
 Test Date: 27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 80Ra. 65,2% Flickering. Temp. 52.6

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 80Ra. 65,2% Flickering. Temp. 52.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	184	183	183	183	183	182	182	182	182	182	182	182	184	183	183
5.0	185	187	185	186	184	186	184	185	183	185	184	185	186	185	187
10.0	194	197	193	196	192	196	191	194	190	194	192	196	197	193	200
15.0	213	219	208	215	210	215	206	211	208	212	208	218	216	212	216
20.0	235	246	227	240	232	237	224	226	231	220	226	241	238	237	196
25.0	264	267	246	264	264	260	243	255	264	255	245	263	263	263	254
30.0	287	289	270	284	285	283	269	277	285	278	269	285	288	284	278
35.0	306	307	290	302	304	302	295	296	304	298	295	305	307	304	307
40.0	323	322	316	316	319	318	326	312	319	313	328	320	323	321	343
45.0	341	336	349	330	337	333	361	326	337	326	362	333	340	334	379
50.0	349	345	371	338	347	343	386	337	347	337	382	343	348	343	399
55.0	353	348	388	340	352	348	404	339	352	340	394	344	353	348	410
60.0	352	345	394	339	351	346	413	336	350	338	394	342	351	346	415
65.0	350	339	391	335	350	342	414	333	349	334	388	339	348	343	413
70.0	348	336	385	329	347	338	408	329	344	330	381	333	345	338	411
75.0	346	331	376	327	346	333	402	325	342	324	372	330	343	335	408
80.0	339	324	371	322	339	328	400	320	337	320	366	324	336	330	407
85.0	332	318	361	313	332	320	392	312	330	312	360	317	330	323	403
90.0	329	314	356	310	329	315	389	309	327	309	357	314	328	321	402
95.0	328	312	355	308	327	313	387	307	326	307	354	312	326	319	400
100.0	322	306	349	301	320	307	378	300	319	301	346	304	319	313	389
105.0	310	295	341	290	309	295	367	287	306	288	337	292	306	301	375
110.0	298	283	334	279	297	283	359	277	295	277	329	281	294	291	362
115.0	285	271	329	267	285	273	348	266	284	266	320	270	282	280	344
120.0	271	261	320	253	271	261	336	251	270	251	310	255	269	267	321
125.0	256	243	296	237	256	243	313	236	255	235	290	240	250	253	292
130.0	237	224	258	219	238	223	282	216	236	215	265	221	232	235	266
135.0	216	200	216	196	216	198	244	192	213	191	193	197	205	213	227
140.0	188	174	180	170	188	170	198	164	186	164	191	170	178	188	184
145.0	162	149	145	144	162	144	153	135	156	130	150	144	152	163	147
150.0	134	122	116	116	134	115	115	108	123	101	114	116	123	134	114
155.0	101	94.8	88.9	86.4	102	83.9	85.6	67.2	93.4	73.5	79.2	83.0	91.0	104	81.9
160.0	71.5	62.5	63.2	51.5	70.5	51.8	61.4	28.0	67.2	52.8	57.0	45.5	54.5	67.7	56.6
165.0	44.0	32.3	38.2	20.4	37.4	22.4	38.0	21.7	34.5	24.1	37.4	23.1	25.0	34.0	31.9
170.0	14.5	7.50	11.0	6.60	14.3	7.20	13.7	6.90	11.5	6.10	13.3	6.80	8.50	15.2	8.70
175.0	8.20	4.90	8.20	5.00	8.20	4.90	8.20	5.00	8.10	4.90	8.10	4.90	5.60	8.10	4.90
180.0	7.40	5.30	7.40	5.30	7.40	5.30	7.40	5.40	7.30	5.30	7.30	5.30	6.60	7.30	5.30

Temperature:25.3'C
Operators:
Test Date:27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra. 65,2% Flickering. Temp. 52.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SDL-KS-30 30W 70x212 3600lm 5000K 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5069	DIMENSION: 70x212	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	183	183	182	182	182	182	182	182	182
5.0	184	185	184	186	184	185	183	185	183
10.0	192	197	191	198	193	197	192	196	191
15.0	210	216	209	215	210	217	212	213	207
20.0	234	240	232	236	234	238	237	210	231
25.0	256	265	255	263	255	262	264	252	254
30.0	282	290	280	288	278	286	281	272	278
35.0	301	308	299	312	297	303	300	296	295
40.0	318	323	317	340	314	319	315	327	313
45.0	331	339	329	361	326	335	329	353	324
50.0	341	346	339	375	335	343	339	365	333
55.0	341	349	343	388	338	345	341	372	338
60.0	340	348	343	392	336	343	338	378	335
65.0	338	345	337	391	334	340	333	381	333
70.0	333	342	333	388	329	336	330	382	328
75.0	329	339	330	382	325	333	327	381	323
80.0	324	334	323	378	321	327	321	380	319
85.0	319	328	317	372	314	320	313	376	312
90.0	317	326	315	371	312	318	310	373	308
95.0	315	324	314	368	310	316	309	370	307
100.0	308	316	307	359	304	310	303	359	302
105.0	296	303	296	347	293	298	293	346	291
110.0	285	291	285	335	282	286	282	329	280
115.0	274	279	274	322	270	274	271	311	268
120.0	261	265	264	304	257	261	258	290	256
125.0	246	247	248	275	242	242	245	268	244
130.0	223	228	216	240	225	223	224	240	224
135.0	206	202	207	210	203	199	206	213	205
140.0	181	174	181	175	178	171	182	173	182
145.0	154	149	155	142	151	146	156	135	155
150.0	125	120	127	112	124	117	128	105	129
155.0	95.0	88.2	97.2	81.4	95.2	85.6	100	76.7	103
160.0	68.9	58.7	68.5	55.0	63.7	55.5	64.6	53.3	72.5
165.0	42.0	32.0	40.0	30.7	36.0	26.4	33.1	30.7	43.9
170.0	17.1	7.20	14.3	7.90	14.8	7.00	14.0	8.10	16.7
175.0	8.20	4.90	8.10	4.90	8.10	4.90	8.00	4.80	8.10
180.0	7.30	5.30	7.30	5.30	7.30	5.30	7.30	5.20	7.30

Temperature:25.3'C
Operators:
Test Date:27-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra. 65,2% Flickering. Temp. 52.6