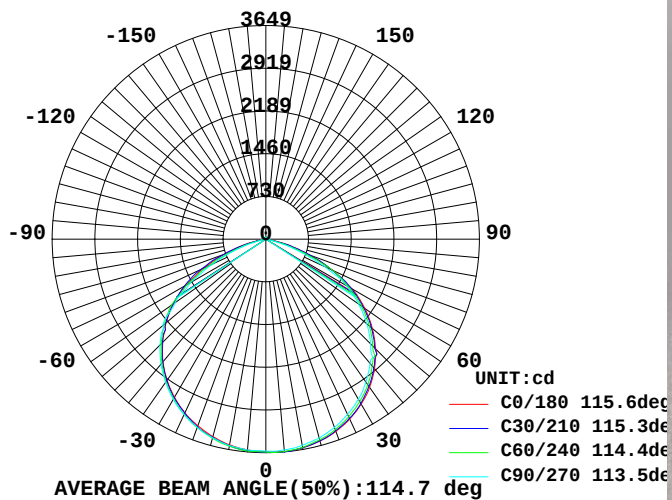


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	SERIAL No.:

MODEL:		Imax(cd):	3649	Effective Flux(lm):	10142.2
NOMINAL POWER(W):	102	MAXIMUM(C, γ):	195, 5.0	EEI	0.136
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	10142.2	η street_up(%):	0.6	Current(A)	0.466
TEST FLUX(lm):	10142.2	η street_down(%):	48.8	Power(W)	101.5
LAMPS QUANTITY:	1	η house_up(%)	0.6	Power Factor	0.990
TOTAL RADIANT(mw):	10142.2	η house_down(%)	49.9	EEFICIENCY(lm/W)	99.8



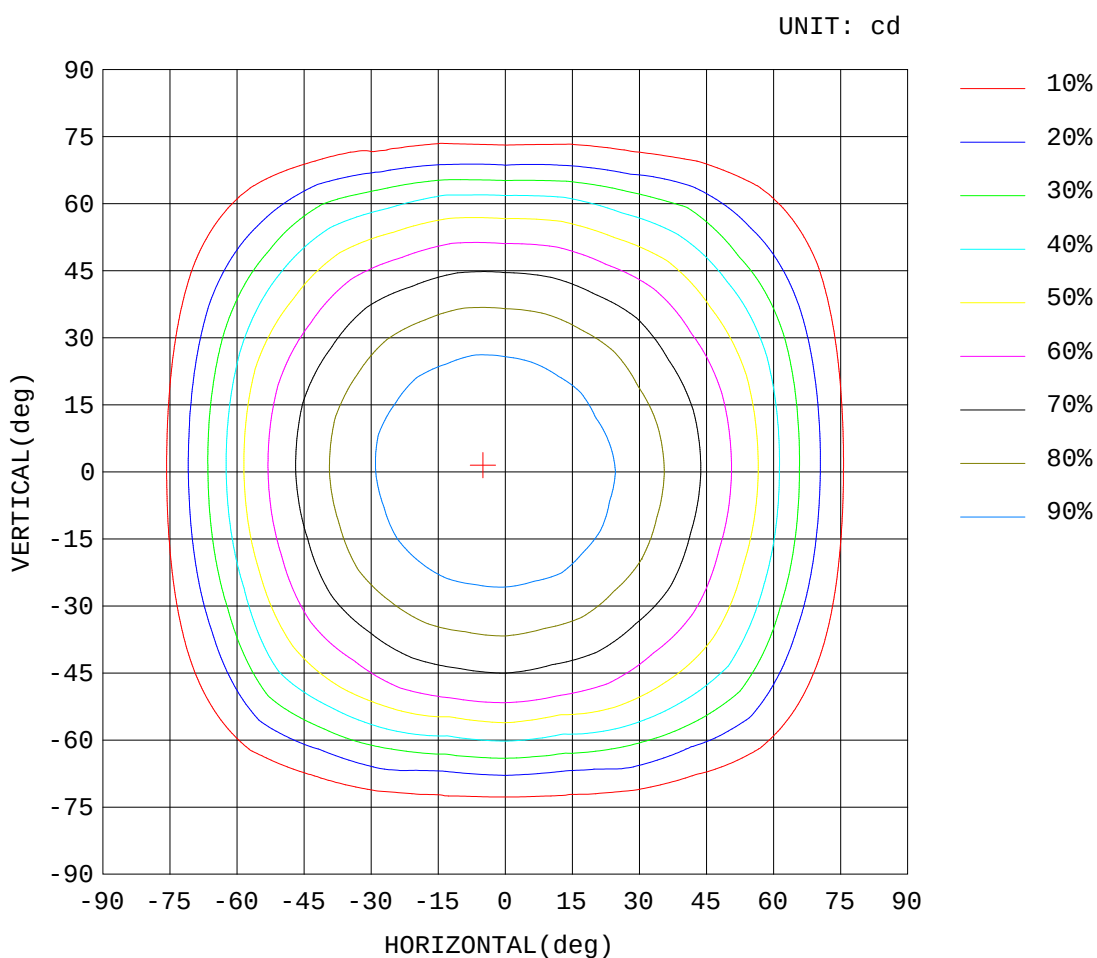
Temperature:25.3'C
 Operators:
 Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 69Ra. 107.7% Flickering. Temp 78.0

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	SERIAL No.:



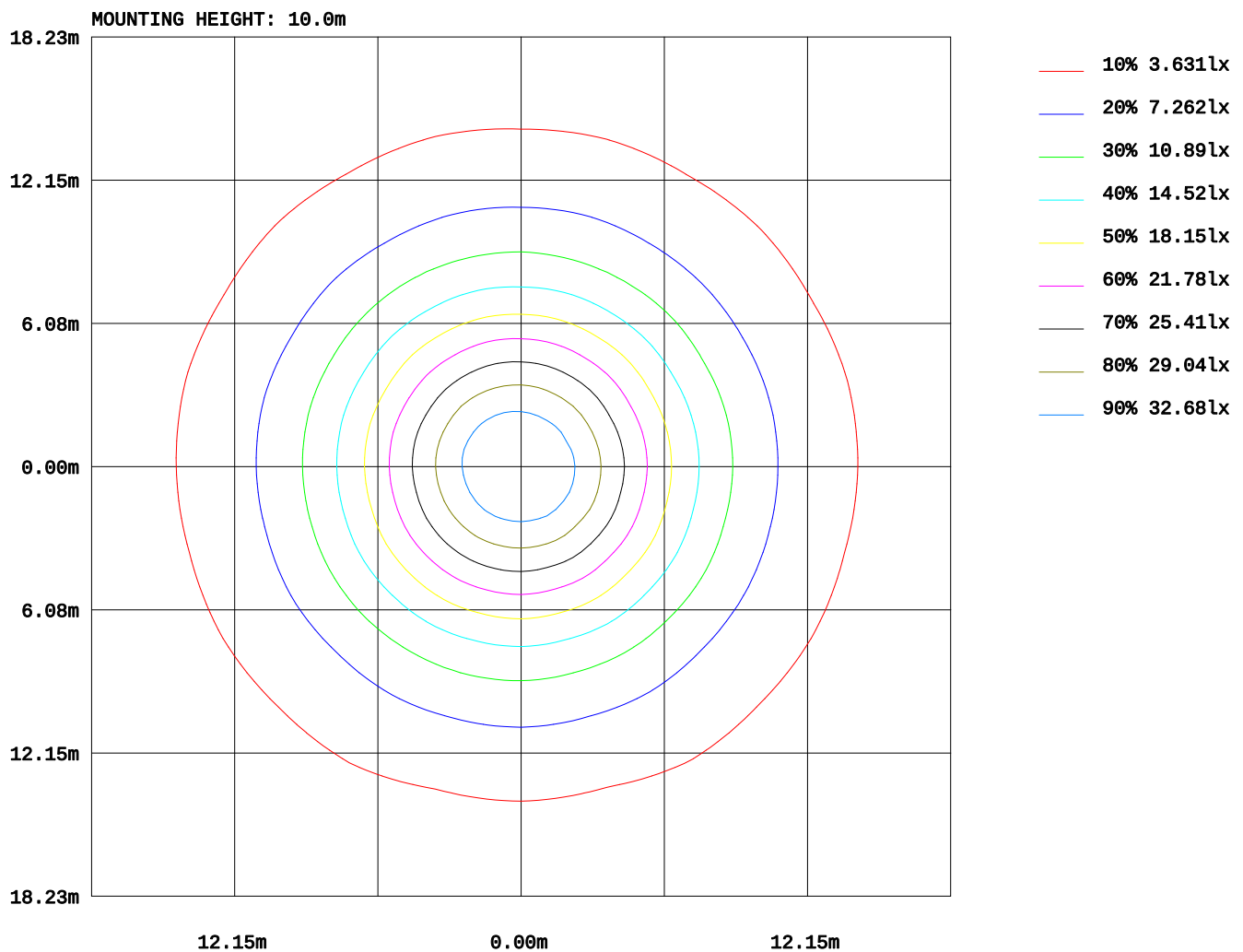
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 107.7% Flickering. Temp 78.0

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	SERIAL No.:



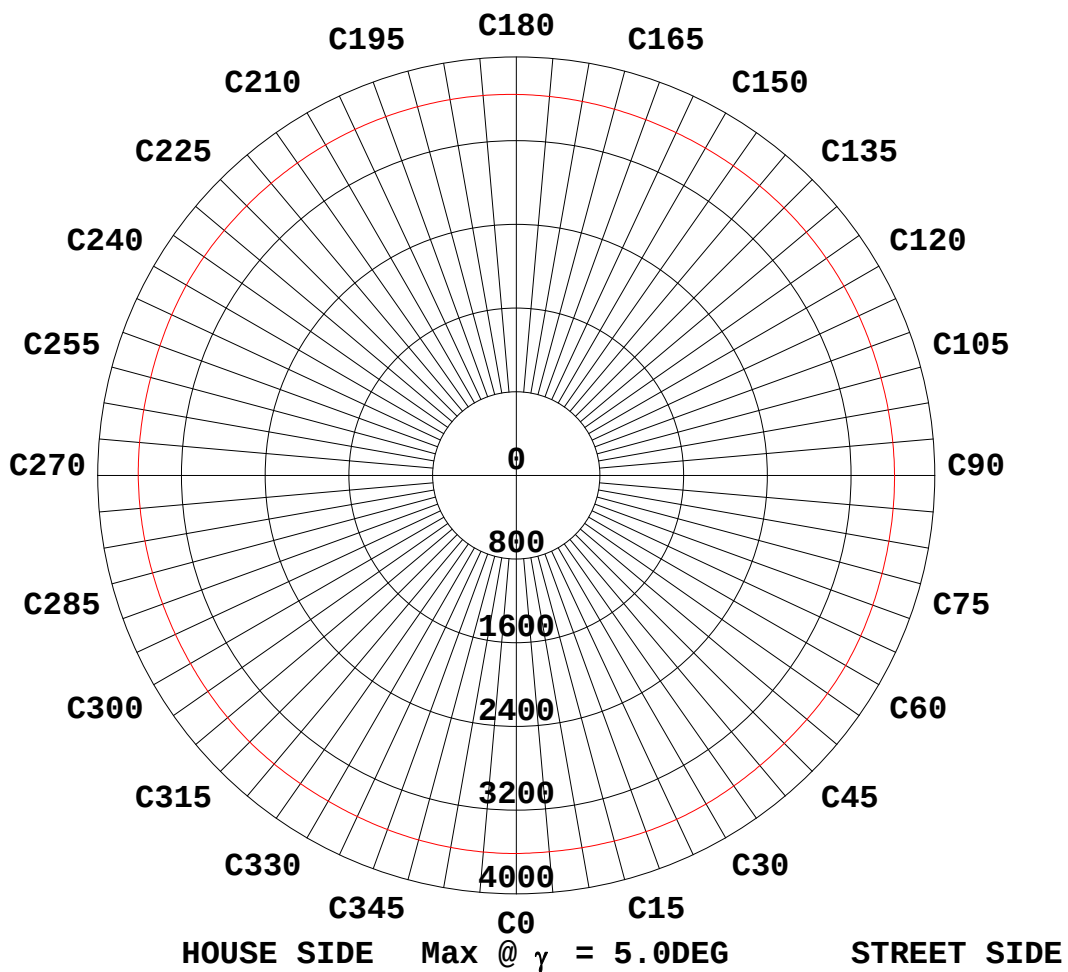
Temperature: 25.3°C
 Operators:
 Test Date: 06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra. 107.7% Flickering. Temp 78.0

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 69Ra. 107.7% Flickering. Temp 78.0

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	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	3631	3637	3640	3634	3638	3622	3619	3607	3608	3615	3612	3623	3631	3637	3640
5.0	3614	3617	3627	3622	3635	3619	3615	3608	3616	3618	3614	3625	3643	3649	3649
10.0	3568	3567	3582	3575	3590	3576	3581	3578	3585	3595	3602	3603	3619	3632	3616
15.0	3494	3498	3505	3503	3520	3509	3513	3513	3529	3543	3545	3558	3573	3580	3567
20.0	3396	3395	3412	3398	3428	3415	3423	3425	3451	3455	3472	3479	3497	3503	3484
25.0	3274	3262	3279	3280	3304	3292	3308	3315	3337	3355	3369	3372	3391	3402	3377
30.0	3119	3105	3129	3121	3149	3141	3162	3162	3193	3209	3232	3230	3258	3268	3243
35.0	2945	2928	2948	2936	2974	2958	2986	2983	3026	3031	3067	3063	3091	3106	3069
40.0	2734	2731	2739	2731	2763	2752	2786	2784	2822	2835	2869	2866	2888	2905	2870
45.0	2490	2469	2497	2487	2526	2517	2556	2551	2587	2589	2628	2616	2652	2672	2632
50.0	2227	2198	2235	2215	2269	2247	2300	2279	2305	2312	2306	2340	2376	2405	2353
55.0	1925	1892	1931	1921	1974	1841	1891	1870	2033	2010	2049	2029	2063	2093	2032
60.0	1593	1560	1605	1587	1550	1433	1485	1456	1596	1662	1709	1675	1706	1741	1690
65.0	1188	1144	1220	1136	1060	951	977	969	1097	1200	1277	1223	1258	1304	1239
70.0	757	726	770	666	616	505	548	511	636	694	809	759	787	829	811
75.0	407	374	368	249	272	162	147	162	270	250	384	384	413	442	422
80.0	153	95.5	127	47.2	68.4	42.2	63.7	41.5	66.6	46.0	125	92.7	110	167	90.5
85.0	31.0	14.5	31.2	15.2	30.7	15.2	29.6	14.9	29.9	14.3	29.6	13.0	14.5	33.3	15.7
90.0	14.7	5.90	14.5	5.70	13.7	5.40	13.3	5.30	13.7	5.50	14.4	5.60	5.90	14.9	5.60
95.0	14.5	7.70	14.3	7.50	13.6	7.10	13.0	7.00	13.4	7.10	14.0	7.30	7.70	14.4	7.30
100.0	15.2	9.80	15.0	9.60	14.4	9.09	13.9	8.90	14.1	9.09	14.5	9.20	9.70	15.0	9.40
105.0	16.7	12.1	16.4	11.9	15.8	11.4	15.2	11.2	15.5	11.2	15.8	11.4	12.0	16.3	11.5
110.0	18.4	14.5	18.0	14.2	17.4	13.7	17.1	13.5	16.9	13.4	17.2	13.6	14.4	17.8	13.9
115.0	20.2	16.9	19.6	16.4	19.1	16.1	18.9	15.7	18.6	15.5	18.7	15.8	16.7	19.6	16.1
120.0	22.2	19.2	21.5	18.6	21.0	18.2	20.7	17.9	20.2	17.7	20.5	18.0	19.1	21.4	18.2
125.0	24.0	21.5	23.2	20.8	22.7	20.5	22.5	20.1	22.1	19.9	22.3	20.2	21.4	23.1	20.6
130.0	26.0	23.7	25.2	23.0	24.6	22.7	24.4	22.2	23.9	22.0	24.1	22.4	23.5	25.0	22.7
135.0	27.9	25.9	27.1	25.2	26.6	25.0	26.3	24.2	25.7	24.2	26.1	24.6	25.7	27.0	25.0
140.0	29.6	27.9	28.9	27.2	28.6	27.2	28.2	26.4	27.5	26.3	27.9	26.6	27.7	28.7	27.1
145.0	31.2	29.6	30.5	29.1	30.3	29.3	30.0	28.4	29.3	28.2	29.6	28.7	29.4	30.5	28.9
150.0	32.7	31.2	32.1	30.7	31.9	31.2	31.5	30.1	30.8	29.8	31.2	30.5	31.0	32.1	30.5
155.0	33.8	32.6	33.2	32.3	33.2	32.7	32.7	31.5	32.3	31.4	32.6	32.1	32.5	33.5	32.0
160.0	35.1	33.7	34.4	33.5	34.5	34.0	34.0	32.9	33.5	32.7	33.8	33.5	33.7	34.7	33.3
165.0	36.2	35.0	35.5	34.5	35.6	35.2	35.2	34.0	34.5	34.0	35.1	34.7	35.2	35.7	34.5
170.0	37.2	35.9	36.3	35.7	36.3	36.0	36.5	35.2	35.7	35.1	36.0	35.7	36.5	36.5	35.5
175.0	37.9	36.3	37.0	36.2	37.0	36.3	37.4	36.0	36.5	35.7	36.7	36.1	37.4	37.2	36.1
180.0	38.0	36.7	37.0	36.5	37.0	36.5	37.7	36.5	37.0	36.3	37.0	36.5	38.0	37.2	36.5

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 107.7% Flickering. Temp 78.0

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 100W 320x264x38 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5135	DIMENSION: 320x264x38	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3634	3638	3622	3619	3607	3608	3615	3612	3623
5.0	3645	3642	3618	3613	3600	3596	3603	3595	3607
10.0	3615	3612	3594	3576	3561	3557	3557	3539	3558
15.0	3563	3550	3535	3518	3497	3483	3485	3474	3484
20.0	3489	3463	3446	3425	3407	3387	3390	3371	3383
25.0	3376	3348	3334	3302	3287	3266	3268	3242	3265
30.0	3241	3208	3191	3163	3143	3119	3122	3098	3114
35.0	3077	3036	3023	2980	2972	2942	2944	2913	2936
40.0	2874	2827	2820	2770	2762	2735	2738	2729	2730
45.0	2637	2585	2579	2534	2524	2492	2503	2471	2497
50.0	2369	2308	2303	2248	2264	2214	2239	2196	2235
55.0	2061	1990	2000	1936	1953	1904	1935	1895	1937
60.0	1706	1642	1654	1592	1617	1568	1601	1569	1606
65.0	1335	1256	1188	1118	1161	1203	1250	1162	1209
70.0	883	723	695	583	677	690	825	760	809
75.0	369	352	279	198	273	260	376	402	430
80.0	114	55.8	83.7	56.9	84.1	57.5	117	95.5	163
85.0	34.4	15.9	33.7	15.5	34.0	16.5	35.7	16.9	35.7
90.0	14.3	5.30	13.4	5.10	13.4	5.40	14.4	5.80	15.0
95.0	13.9	7.00	13.2	6.70	13.2	7.10	14.1	7.70	14.7
100.0	14.7	9.00	14.0	8.80	14.1	9.20	14.9	9.80	15.5
105.0	15.9	11.3	15.4	11.1	15.5	11.5	16.3	12.2	16.9
110.0	17.5	13.7	17.1	13.7	17.2	14.0	18.0	14.5	18.6
115.0	19.2	15.9	19.0	16.2	19.2	16.3	19.7	16.9	20.4
120.0	20.9	18.2	20.9	18.6	21.1	18.6	21.6	19.1	22.3
125.0	22.7	20.5	22.7	20.8	22.9	20.9	23.2	21.4	24.2
130.0	24.6	22.6	24.5	23.0	24.6	23.0	25.2	23.6	26.1
135.0	26.4	24.7	26.4	25.0	26.6	25.2	27.1	25.7	28.0
140.0	28.2	26.9	28.2	27.2	28.6	27.2	29.0	27.9	29.8
145.0	29.9	28.7	30.0	29.1	30.5	29.1	30.7	29.6	31.4
150.0	31.5	30.4	31.6	30.7	32.3	31.0	32.2	31.0	32.7
155.0	32.7	31.9	32.9	32.2	33.7	32.5	33.3	32.4	33.8
160.0	34.0	33.1	34.0	33.5	34.9	33.7	34.5	33.5	35.0
165.0	35.1	34.2	35.1	35.0	35.9	34.7	35.4	34.5	35.9
170.0	36.0	35.2	36.0	36.1	36.5	35.5	36.2	35.6	36.5
175.0	36.7	36.0	36.7	37.0	37.0	36.0	36.8	36.0	37.2
180.0	37.2	36.5	37.0	37.2	37.0	36.3	37.0	36.3	37.2

Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 107.7% Flickering. Temp 78.0