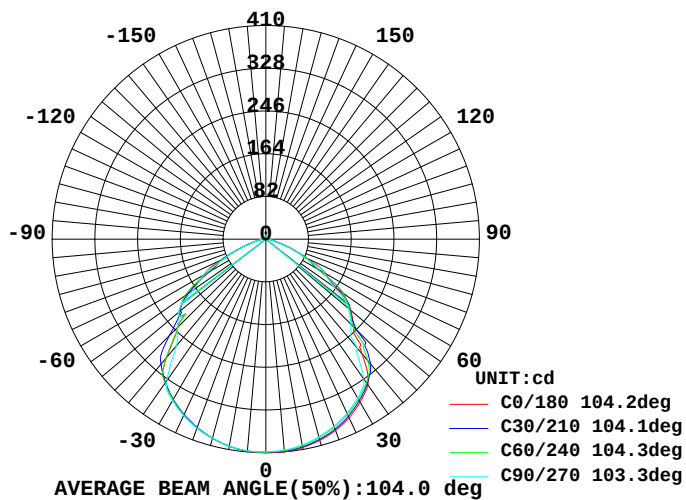


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	SERIAL No.:

MODEL:		Imax(cd):	409.6	Effective Flux(lm):	1025.6
NOMINAL POWER(W):	10	MAXIMUM(C, γ):	0, 0.0	EEI	0.132
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	1025.6	η street_up(%):	1.1	Current(A)	0.052
TEST FLUX(lm):	1025.6	η street_down(%):	48.2	Power(W)	10.39
LAMPS QUANTITY:	1	η house_up(%):	1.1	Power Factor	0.900
TOTAL RADIANT(mw):	1025.6	η house_down(%):	49.6	EEFICIENCY(lm/W)	98.7



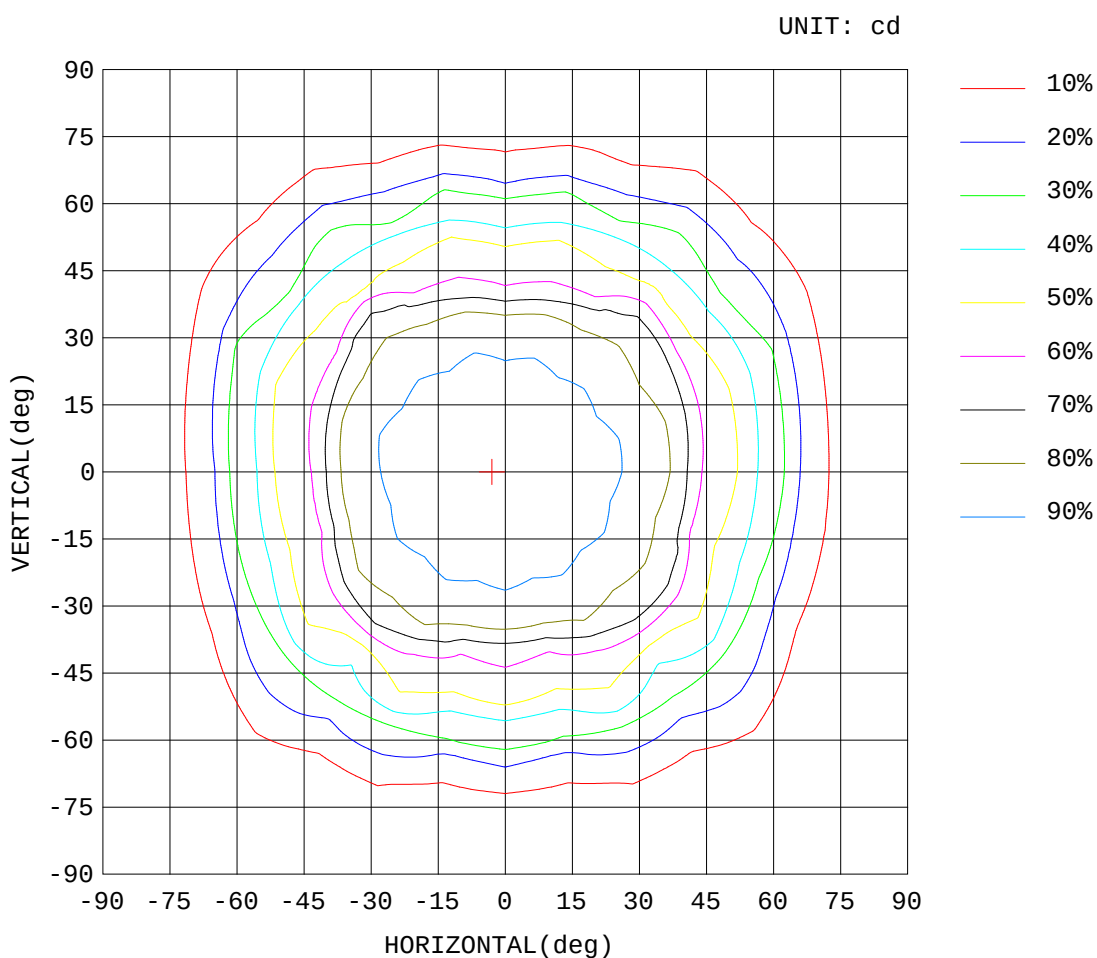
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 100.3% Flickering. Temp 44.8

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	SERIAL No.:



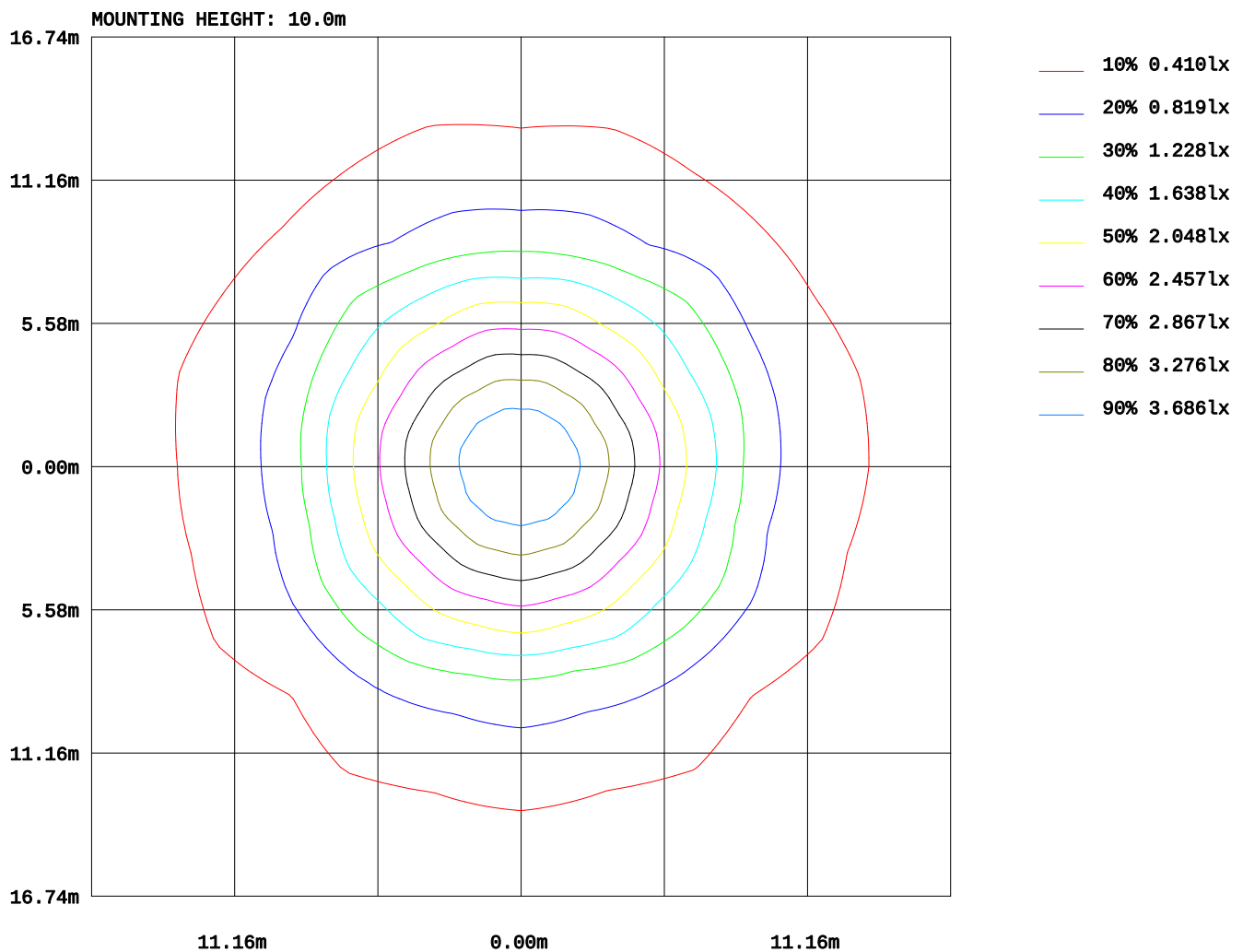
Temperature:25.3'C
Operators:
Test Date:06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 100.3% Flickering. Temp 44.8

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	SERIAL No.:



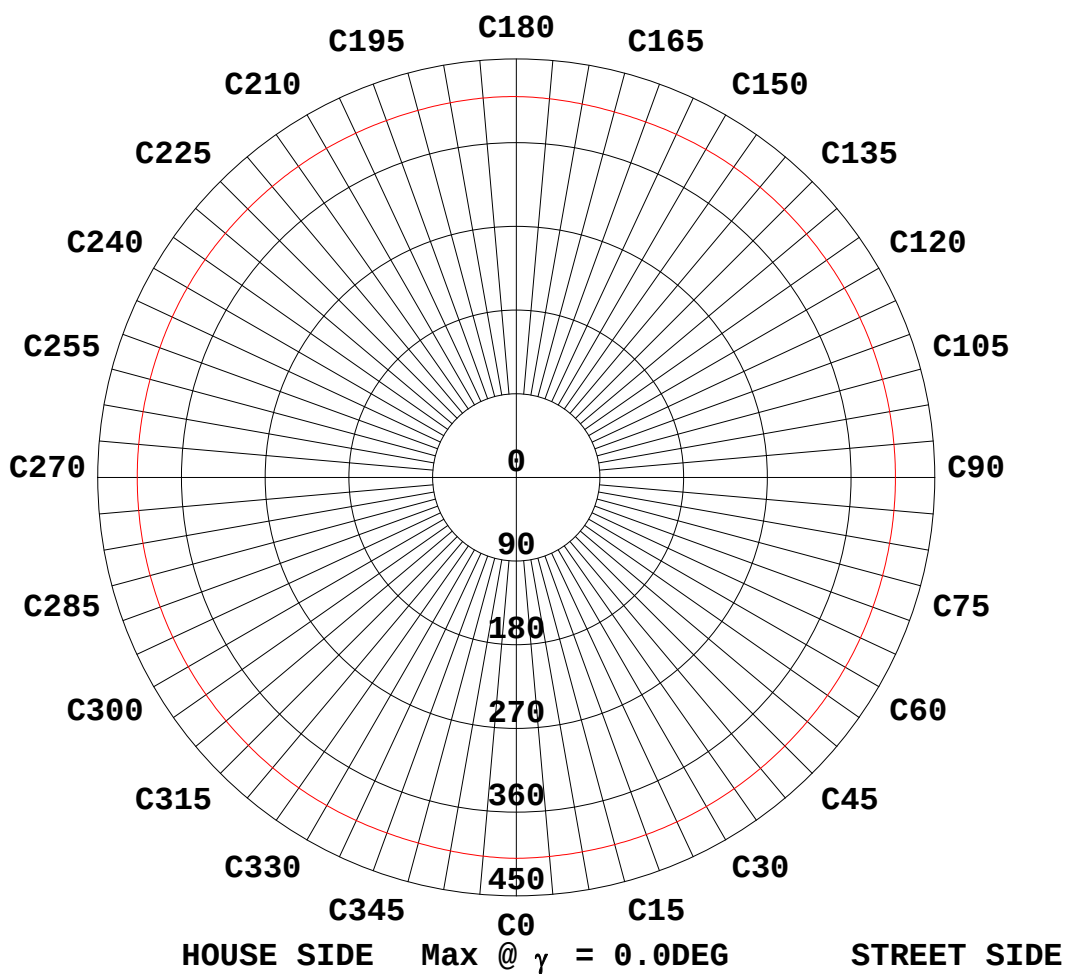
Temperature: 25.3°C
 Operators:
 Test Date: 06-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra. 100.3% Flickering. Temp 44.8

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	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. 100.3% Flickering. Temp 44.8

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	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	410	409	409	408	409	408	408	408	407	407	407	407	410	409	409
5.0	408	406	408	406	408	406	407	407	407	407	408	406	409	409	408
10.0	403	401	403	401	404	401	403	402	404	402	405	402	406	407	405
15.0	395	392	395	392	396	392	395	393	397	395	399	396	400	401	398
20.0	385	381	384	380	385	381	386	383	387	384	390	387	391	393	388
25.0	372	366	371	366	372	367	373	369	375	371	378	373	378	381	375
30.0	356	349	355	349	356	350	358	352	360	355	363	357	361	366	358
35.0	336	328	336	329	337	326	330	330	343	336	345	337	342	348	339
40.0	297	294	313	305	298	256	267	274	307	313	319	285	287	303	312
45.0	238	226	262	253	239	226	240	230	245	279	256	232	238	247	246
50.0	215	200	215	189	217	202	219	206	221	186	222	207	213	223	211
55.0	183	165	183	149	191	152	170	156	194	154	195	166	170	196	181
60.0	137	122	124	118	131	123	139	126	126	125	128	128	132	147	115
65.0	88.9	74.0	94.0	74.4	92.0	73.1	86.5	75.0	96.8	76.5	98.2	77.2	81.0	111	88.0
70.0	54.4	39.7	54.5	40.0	56.0	42.0	53.2	41.7	57.3	41.9	58.9	43.5	47.5	69.1	51.0
75.0	27.1	19.1	28.0	20.9	27.2	18.7	26.4	18.9	28.0	21.7	30.0	18.5	20.6	29.9	25.2
80.0	16.6	9.80	16.1	9.30	15.8	9.20	15.8	9.40	16.3	9.80	16.5	9.80	11.9	18.9	12.4
85.0	8.20	2.80	7.70	2.50	7.50	2.50	7.50	2.60	7.80	2.80	8.20	3.00	4.40	9.70	4.50
90.0	4.80	1.30	4.60	1.20	4.50	1.10	4.50	1.10	4.60	1.10	4.60	1.10	1.50	5.00	1.20
95.0	4.50	1.40	4.30	1.30	4.30	1.30	4.20	1.30	4.20	1.30	4.30	1.30	1.70	4.40	1.30
100.0	4.30	1.60	4.10	1.50	4.10	1.50	4.00	1.50	4.10	1.50	4.10	1.50	1.90	4.20	1.50
105.0	4.20	1.90	4.00	1.80	4.00	1.70	3.90	1.70	3.90	1.70	4.00	1.70	2.10	4.10	1.80
110.0	4.20	2.10	4.00	2.00	4.00	2.00	3.90	1.90	3.90	2.00	4.00	2.00	2.40	4.10	2.00
115.0	4.30	2.40	4.10	2.30	4.00	2.20	4.00	2.20	4.00	2.20	4.10	2.30	2.70	4.20	2.30
120.0	4.40	2.70	4.20	2.60	4.10	2.50	4.10	2.50	4.10	2.50	4.10	2.50	3.00	4.20	2.60
125.0	4.50	2.90	4.30	2.90	4.20	2.80	4.20	2.80	4.20	2.80	4.20	2.80	3.30	4.40	2.90
130.0	4.60	3.30	4.40	3.10	4.30	3.10	4.40	3.10	4.30	3.10	4.30	3.10	3.70	4.50	3.20
135.0	4.80	3.60	4.60	3.40	4.50	3.40	4.50	3.40	4.50	3.30	4.50	3.40	4.00	4.70	3.50
140.0	4.90	3.80	4.70	3.60	4.70	3.70	4.70	3.60	4.60	3.60	4.60	3.70	4.20	4.80	3.70
145.0	5.10	4.10	4.80	3.90	4.80	4.00	4.80	3.90	4.70	3.90	4.80	3.90	4.50	4.90	4.00
150.0	5.20	4.30	5.00	4.10	5.00	4.20	5.00	4.10	4.90	4.10	4.90	4.20	4.70	5.10	4.20
155.0	5.30	4.50	5.10	4.40	5.10	4.40	5.10	4.30	5.00	4.30	5.10	4.40	5.00	5.30	4.40
160.0	5.50	4.70	5.20	4.60	5.20	4.70	5.20	4.50	5.10	4.50	5.20	4.70	5.20	5.40	4.60
165.0	5.60	4.90	5.30	4.70	5.40	4.80	5.30	4.70	5.30	4.70	5.30	4.80	5.40	5.50	4.80
170.0	5.70	5.00	5.40	4.90	5.40	5.00	5.50	4.80	5.40	4.90	5.40	5.00	5.60	5.60	5.00
175.0	5.70	5.20	5.50	5.00	5.50	5.10	5.50	5.00	5.40	5.00	5.50	5.00	5.70	5.60	5.10
180.0	5.70	5.30	5.50	5.20	5.50	5.20	5.50	5.10	5.40	5.10	5.40	5.20	5.90	5.50	5.20

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. 100.3% Flickering. Temp 44.8

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Lumos 10W 131x127x26 5000K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4882	DIMENSION: 131x127x26	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	408	409	408	408	408	407	407	407	407
5.0	408	407	407	406	407	405	406	405	406
10.0	406	403	404	401	402	400	402	400	402
15.0	399	395	397	392	394	391	394	391	395
20.0	389	384	387	382	384	380	383	379	385
25.0	377	370	375	368	372	366	370	365	373
30.0	363	355	361	352	357	349	355	348	357
35.0	345	336	343	328	339	330	337	329	338
40.0	324	304	284	274	278	293	316	305	311
45.0	289	236	244	231	240	229	280	254	248
50.0	202	210	222	207	219	204	206	203	218
55.0	171	181	191	159	184	177	169	168	191
60.0	147	115	145	129	143	121	142	113	142
65.0	98.0	87.9	106	78.4	100	85.0	96.3	84.0	107
70.0	70.5	51.5	69.3	46.9	65.8	51.0	66.1	46.5	64.3
75.0	37.0	26.3	31.5	22.3	30.7	23.1	34.7	22.7	29.1
80.0	19.6	13.0	20.0	12.9	19.6	12.5	19.0	11.7	18.1
85.0	10.1	4.70	10.2	4.60	9.90	4.20	9.40	3.80	8.90
90.0	4.90	1.10	4.90	1.10	4.80	1.10	4.70	1.10	4.70
95.0	4.40	1.30	4.30	1.30	4.30	1.30	4.30	1.30	4.40
100.0	4.20	1.50	4.10	1.50	4.10	1.50	4.20	1.50	4.10
105.0	4.00	1.70	4.10	1.70	4.00	1.70	4.10	1.70	4.10
110.0	4.10	2.00	4.00	2.00	4.00	1.90	4.10	2.00	4.10
115.0	4.10	2.20	4.00	2.30	4.00	2.30	4.10	2.30	4.10
120.0	4.20	2.50	4.10	2.60	4.10	2.60	4.20	2.60	4.20
125.0	4.30	2.80	4.30	2.90	4.30	2.80	4.30	2.90	4.30
130.0	4.40	3.10	4.40	3.20	4.40	3.10	4.50	3.20	4.50
135.0	4.60	3.40	4.60	3.40	4.60	3.40	4.60	3.50	4.60
140.0	4.70	3.70	4.70	3.70	4.80	3.60	4.70	3.70	4.80
145.0	4.80	3.90	4.90	4.00	4.90	3.90	4.90	3.90	4.90
150.0	5.00	4.10	5.00	4.20	5.10	4.10	5.00	4.20	5.10
155.0	5.10	4.40	5.10	4.40	5.20	4.40	5.10	4.40	5.20
160.0	5.20	4.60	5.20	4.60	5.30	4.60	5.20	4.60	5.30
165.0	5.30	4.80	5.40	4.80	5.40	4.70	5.30	4.70	5.40
170.0	5.40	4.90	5.40	5.00	5.50	4.90	5.40	4.90	5.50
175.0	5.50	5.00	5.50	5.10	5.50	5.00	5.50	5.00	5.50
180.0	5.50	5.20	5.50	5.20	5.50	5.10	5.50	5.10	5.50

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. 100.3% Flickering. Temp 44.8