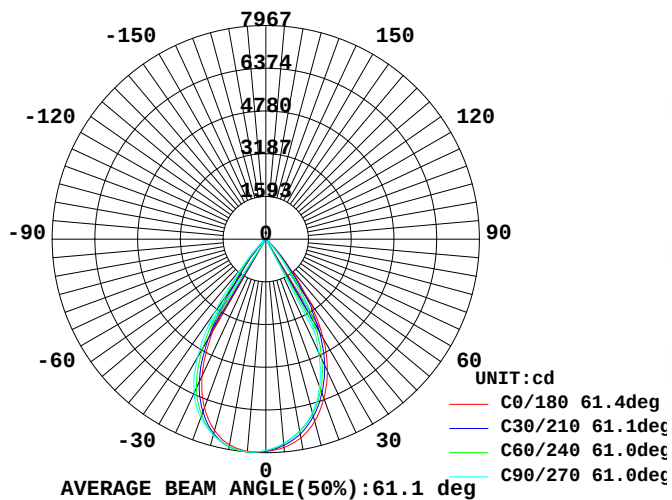


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	SERIAL No.:

MODEL :		Imax(cd) :	7967	Effective Flux(lm) :	7495.0
NOMINAL POWER(W) :	42	MAXIMUM(C, γ) :	60, 4.0	EEI	0.077
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm) :	7495.0	η street_up(%) :	0.6	Current(A)	0.200
TEST FLUX(lm) :	7495.0	η street_down(%) :	55.1	Power(W)	42.24
LAMPS QUANTITY :	1	η house_up(%) :	0.7	Power Factor	0.957
TOTAL RADIANT(mw) :	7495.0	η house_down(%) :	43.7	EEFICIENCY(lm/W)	177.4



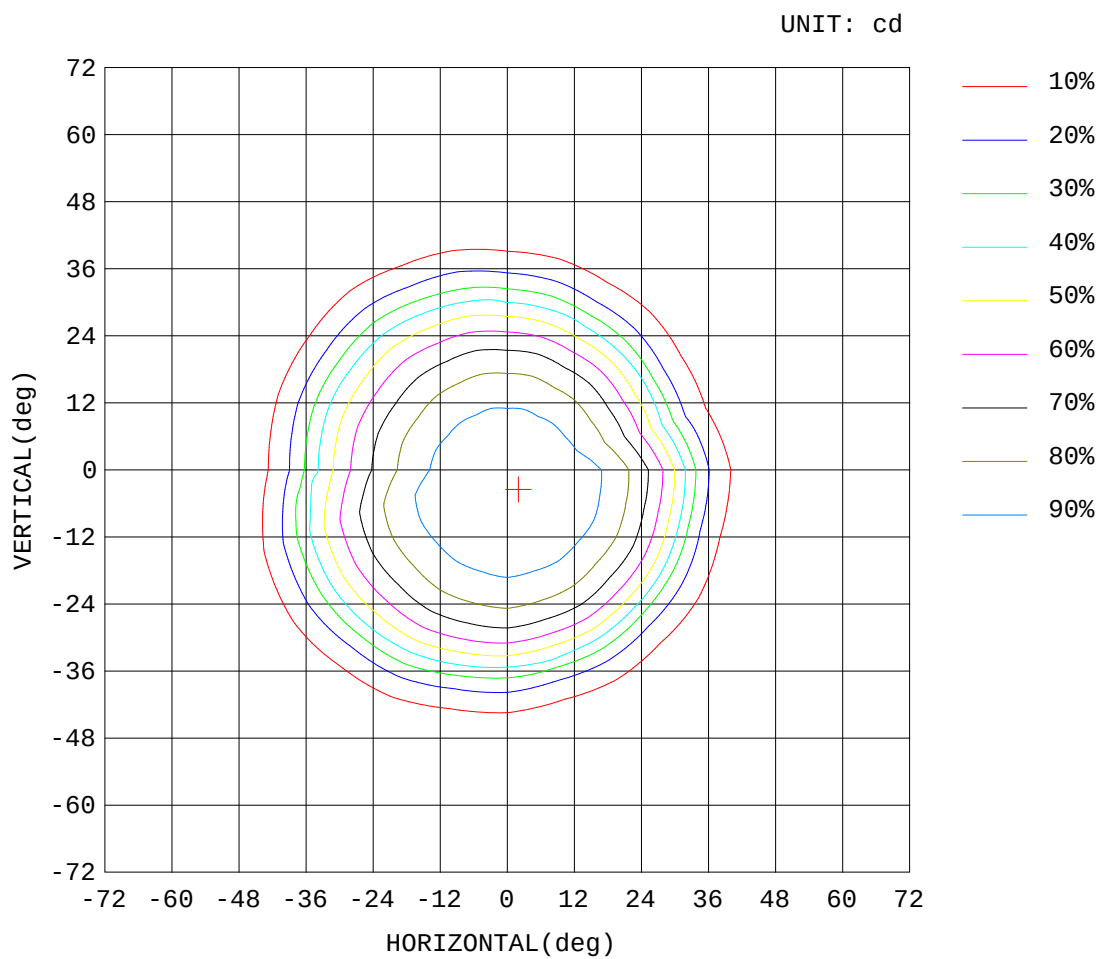
Test System: HOP00 HPG1800
 Temperature: 25.3°C
 Operators:
 Test Date: 05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 71|Ra 1,9% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	SERIAL No.:



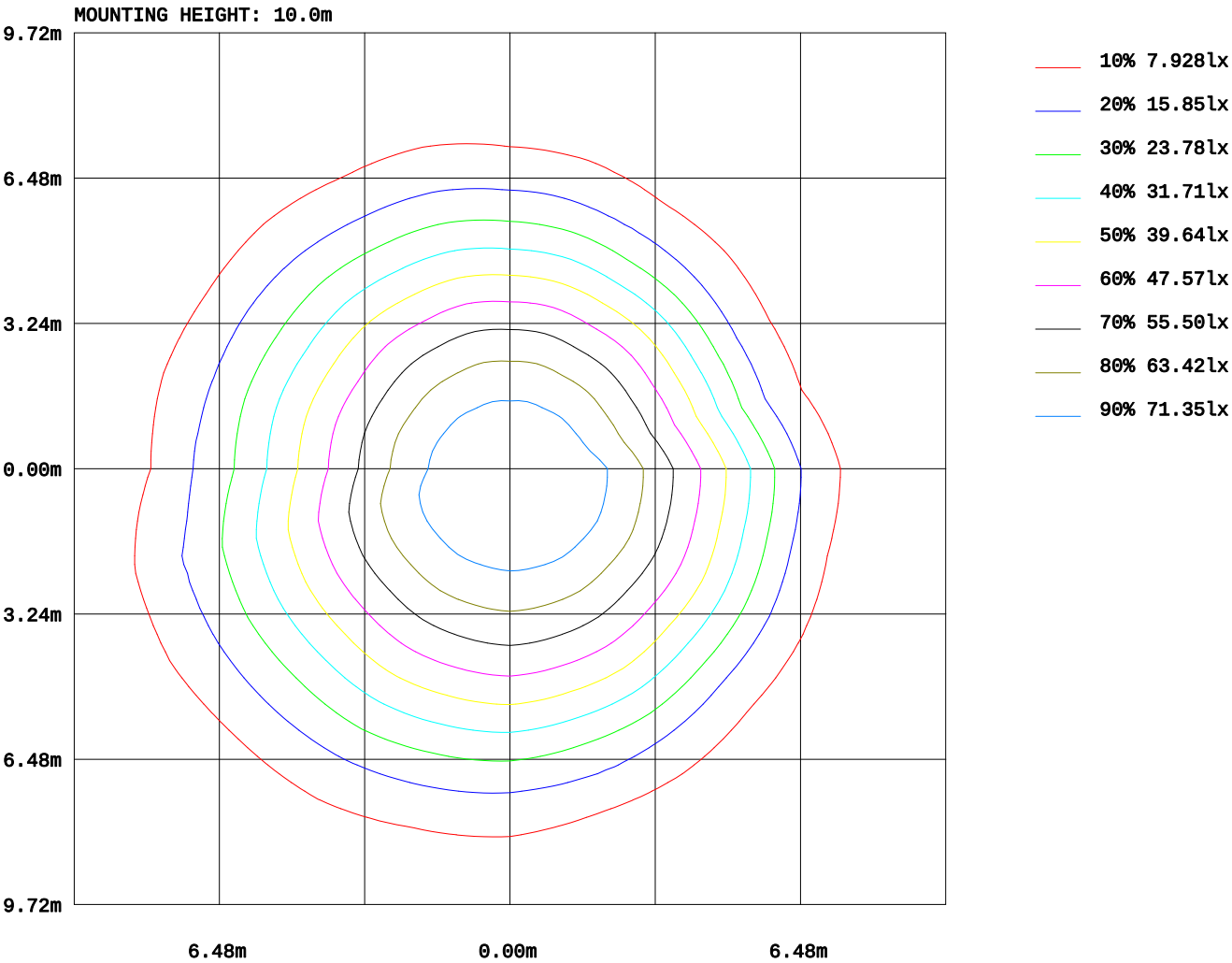
Test System:HOP00 HPG1800
 Temperature:25.3'C
 Operators:
 Test Date:05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71|Ra 1,9% Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	SERIAL No.:



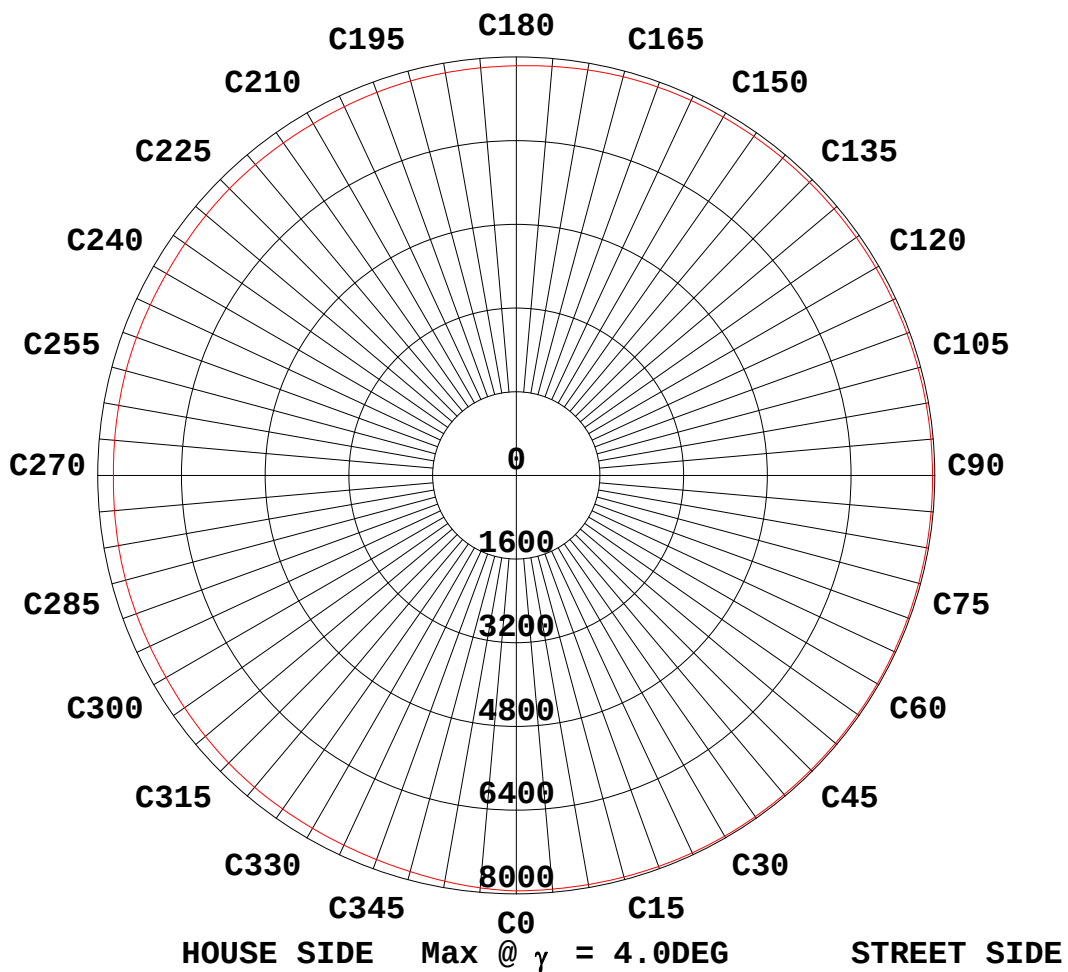
Test System:HOP00 HPG1800
Temperature:25.3'C
Operators:
Test Date:05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71|Ra 1,9% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
 Temperature:25.3'C
 Operators:
 Test Date:05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71|Ra 1,9% Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	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	7918	7912	7901	7898	7884	7890	7882	7890	7885	7896	7899	7910	7918	7912	7901
5.0	7934	7942	7960	7962	7963	7959	7956	7945	7934	7916	7903	7876	7796	7769	7718
10.0	7791	7814	7861	7850	7868	7846	7847	7820	7820	7786	7773	7724	7527	7471	7388
15.0	7393	7426	7511	7498	7553	7528	7561	7512	7519	7465	7461	7379	7032	6976	6846
20.0	6689	6747	6855	6885	6989	7020	7081	7034	7010	6932	6913	6814	6319	6262	6109
25.0	5646	5687	5888	5929	6129	6183	6336	6282	6292	6168	6162	6034	5440	5362	5197
30.0	3974	4017	4328	4425	4744	4843	5111	5118	5231	5134	5169	5033	4281	4236	3999
35.0	1912	1917	1963	2313	2696	3138	3305	3476	3713	3745	3835	3740	3060	2772	2489
40.0	795	726	875	881	1130	1221	1545	1627	1945	1975	2029	2128	1346	1337	1147
45.0	178	185	242	217	331	375	546	577	757	764	922	869	449	458	382
50.0	156	134	160	140	174	154	187	180	234	210	273	230	167	189	152
55.0	140	118	135	119	138	122	148	128	156	135	165	139	124	141	120
60.0	141	112	125	113	125	111	130	112	129	114	131	115	120	125	109
65.0	139	103	116	104	116	103	130	105	119	108	120	109	120	116	102
70.0	114	84.5	103	89.0	103	90.1	122	94.0	110	99.8	111	98.2	101	103	89.7
75.0	86.4	53.8	81.3	65.6	83.5	72.0	97.5	78.0	95.0	83.7	97.2	82.2	84.6	82.0	72.5
80.0	46.5	28.4	53.2	34.4	58.8	45.6	69.5	54.5	73.5	61.1	77.7	52.8	42.2	49.7	49.0
85.0	20.0	9.60	22.9	13.2	26.6	19.1	38.2	25.7	46.2	30.4	52.2	27.1	16.2	29.3	19.6
90.0	8.80	2.80	10.0	3.90	12.6	6.80	18.0	9.00	17.6	10.5	23.5	11.5	4.10	14.5	5.60
95.0	7.90	2.90	7.80	2.90	8.10	3.00	9.50	3.40	9.60	3.50	10.3	3.10	3.10	8.00	2.90
100.0	7.30	3.20	7.20	3.10	7.30	3.00	7.60	2.90	7.70	2.90	7.80	2.90	3.30	7.40	3.10
105.0	7.00	3.60	6.90	3.40	6.90	3.30	7.10	3.20	7.10	3.20	7.20	3.10	3.60	7.00	3.40
110.0	7.20	4.40	7.00	4.10	6.80	3.80	6.90	3.60	6.80	3.50	6.90	3.50	4.20	6.90	4.00
115.0	8.00	5.90	7.70	5.40	7.30	4.90	7.20	4.50	6.90	4.30	6.90	4.20	5.40	7.40	5.30
120.0	9.80	8.20	9.30	7.50	8.60	6.70	8.20	6.10	7.80	5.80	7.70	5.70	7.60	8.90	7.70
125.0	12.5	11.3	11.8	10.5	11.0	9.50	10.2	8.60	9.60	8.10	9.40	8.10	10.7	11.5	11.0
130.0	15.7	15.0	15.0	14.2	14.0	13.0	13.0	12.0	12.4	11.5	12.2	11.5	14.7	15.0	15.0
135.0	19.6	19.2	18.7	18.1	17.7	17.0	16.6	16.1	16.0	15.6	15.8	15.6	19.2	19.1	19.6
140.0	23.8	23.4	22.6	22.2	21.6	21.2	20.8	20.2	20.0	19.9	19.7	19.9	23.9	23.5	24.1
145.0	27.9	27.7	26.4	26.3	25.5	25.7	24.9	24.6	24.0	24.2	24.0	24.6	28.6	28.0	28.5
150.0	32.0	31.7	30.4	30.3	29.4	29.9	29.0	28.7	28.0	28.2	28.2	29.1	32.9	32.2	32.6
155.0	35.7	35.7	34.2	34.2	33.3	33.8	32.7	32.7	31.7	32.3	32.2	33.2	36.5	36.1	36.5
160.0	39.7	39.7	38.2	38.5	37.4	38.1	36.2	36.5	35.5	36.2	36.0	37.2	40.4	39.7	40.2
165.0	44.2	44.1	42.5	42.8	41.6	42.6	40.5	40.5	39.3	40.4	40.0	41.6	44.6	43.7	44.0
170.0	48.6	48.0	46.7	46.9	46.0	46.9	45.4	45.0	43.7	44.5	44.2	45.7	49.0	47.5	47.5
175.0	52.1	50.8	49.9	50.0	49.5	50.1	49.5	48.7	47.7	48.4	48.0	49.2	52.2	50.4	50.3
180.0	53.2	51.7	51.4	51.3	51.4	51.7	52.7	51.5	51.0	51.0	51.0	51.7	53.6	51.8	51.4

Test System:HOP00 HPG1800
 Temperature:25.3'C
 Operators:
 Test Date:05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71|Ra 1,9% Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: Geniled			
Address:			
NAME: Optimus 2Mx1L 40W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5019	DIMENSION:	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	7898	7884	7890	7882	7890	7885	7896	7899	7910
5.0	7697	7660	7664	7639	7664	7670	7720	7742	7801
10.0	7348	7294	7288	7266	7284	7280	7338	7375	7478
15.0	6825	6749	6770	6702	6731	6670	6741	6744	6893
20.0	6092	5974	5981	5860	5869	5761	5839	5814	5983
25.0	5126	4955	4877	4697	4631	4493	4516	4472	4606
30.0	3904	3608	3485	3172	3058	3077	2751	2554	2681
35.0	2386	2050	1941	1652	1526	1260	1237	1085	1162
40.0	1093	895	834	650	565	410	390	406	342
45.0	336	216	231	169	184	147	173	142	171
50.0	172	137	154	128	143	122	140	121	139
55.0	137	116	131	116	127	112	128	112	128
60.0	125	107	121	117	118	104	121	105	120
65.0	117	98.5	111	109	107	91.2	107	92.7	106
70.0	104	85.3	96.5	84.3	90.4	73.9	89.3	74.1	79.9
75.0	86.5	65.5	76.4	59.2	68.3	50.3	57.9	48.8	50.0
80.0	52.6	40.5	45.6	30.7	39.2	23.1	32.2	19.4	28.7
85.0	29.6	14.0	22.3	11.1	17.8	6.80	14.8	5.20	12.5
90.0	13.4	4.30	10.9	3.70	9.50	3.00	8.29	3.00	7.90
95.0	8.00	2.90	7.70	2.90	7.50	3.00	7.40	3.10	7.30
100.0	7.30	3.10	7.20	3.20	7.00	3.30	7.00	3.30	6.90
105.0	6.90	3.50	6.80	3.70	6.80	3.80	6.90	4.00	6.90
110.0	6.90	4.20	6.90	4.50	7.20	4.90	7.40	5.30	7.60
115.0	7.60	5.70	7.90	6.30	8.40	7.00	8.80	7.40	9.09
120.0	9.30	8.29	9.90	9.09	10.5	9.90	11.2	10.4	11.5
125.0	12.1	11.7	13.0	12.7	13.7	13.7	14.5	14.1	14.7
130.0	15.8	16.0	16.6	17.1	17.6	17.9	18.4	18.4	18.2
135.0	20.1	20.6	21.0	21.7	21.9	22.5	22.5	22.7	22.5
140.0	24.4	25.0	25.4	26.4	26.4	26.6	26.4	26.9	26.9
145.0	28.2	29.1	29.4	30.7	30.5	30.8	30.4	31.0	30.8
150.0	32.1	33.0	33.2	34.4	34.2	34.7	34.2	35.1	34.9
155.0	35.9	36.5	36.5	37.7	38.1	38.6	38.1	39.0	38.8
160.0	39.2	40.0	40.0	41.8	42.0	42.6	42.0	43.2	42.7
165.0	43.0	44.0	43.7	46.2	46.0	46.7	46.2	47.2	46.7
170.0	46.7	47.6	47.7	50.0	49.7	50.0	49.7	50.3	50.1
175.0	49.9	50.4	50.5	52.4	51.7	51.5	51.7	51.7	52.1
180.0	51.4	51.3	51.7	52.7	51.5	51.0	51.2	51.0	51.7

Test System:HOP00 HPG1800
 Temperature:25.3'C
 Operators:
 Test Date:05-22-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71|Ra 1,9% Flickering