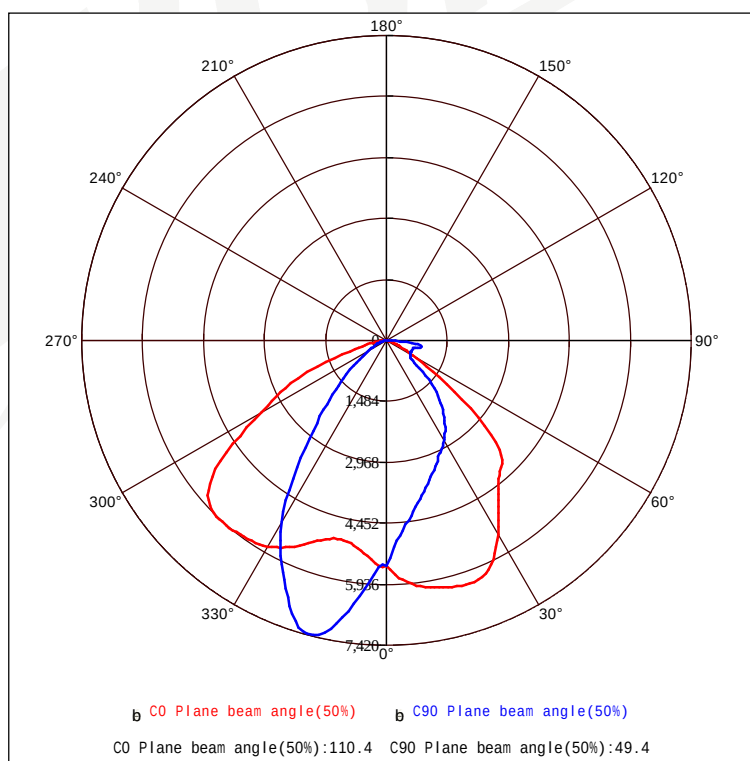


LED STREET LIGHT

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm						
Lamp Name: LPSTL-100W			Lamp Type:		Weight(kg):	
Lamp ID:			Lamp Spec: LPSTL-100W		Shape Size:	
Manufactory: LIPER			Sur(m^2):		Protect Angle(Deg):	
Light Source Data			Photometric Data			
Model	LPSTL-100W		Peak Value(cd)	7521.8	Efficiency(lm/w)	127.0
Nominal P(w)		1.0	Position	315.0,17.0	UP(C0-C180)	0.0
Rated Volt(v)		1.0	Total Flux(lm)	12060.640	Down(C0-C180)	44.1
Rated Flux(lm)		1.0	Up Flux Rate(%)	0.0	UP(C180-C360)	0.0
Illuminant QTY		1	Dw Flux Rate(%)	100.0	Down(C180-C360)	55.9

Planar Intensity Distribution Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

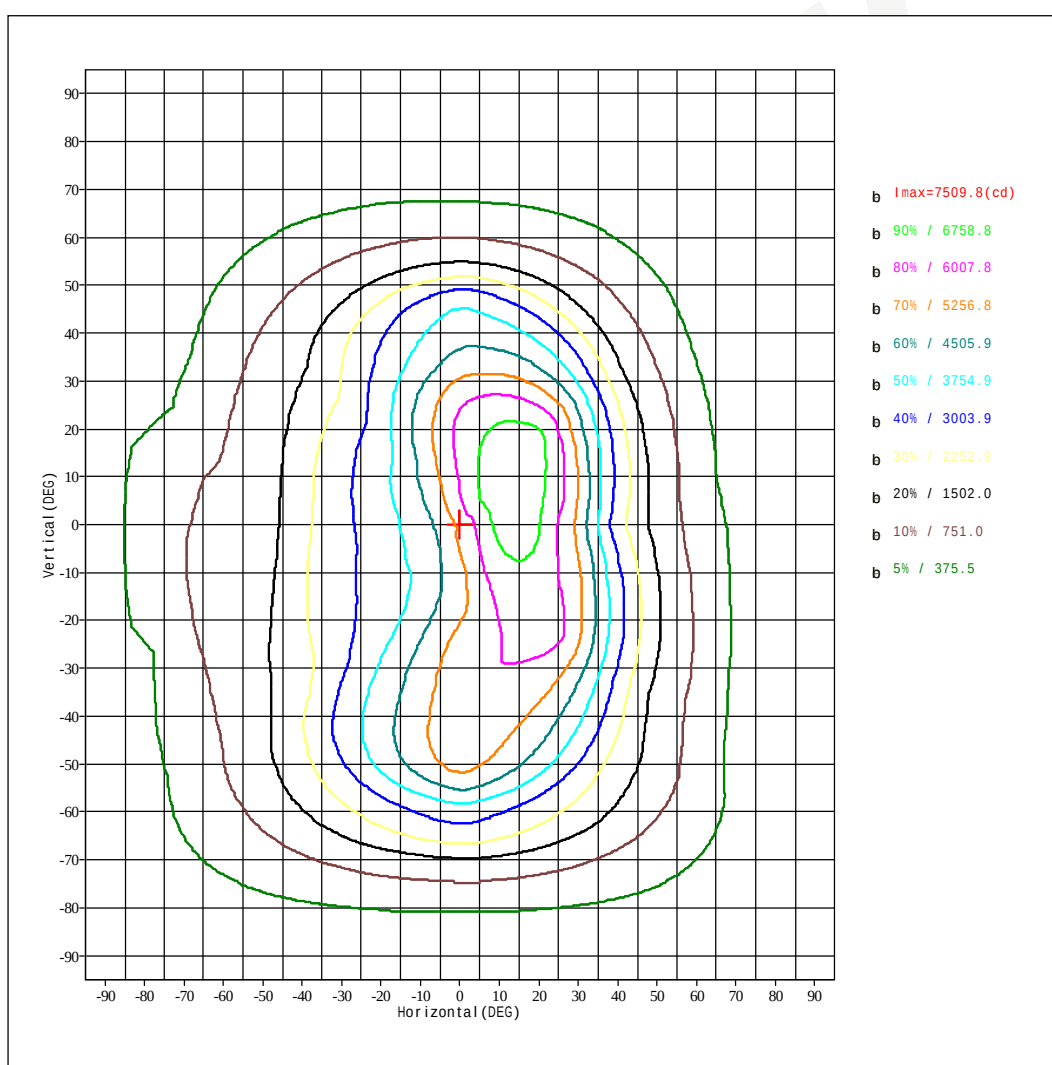
Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

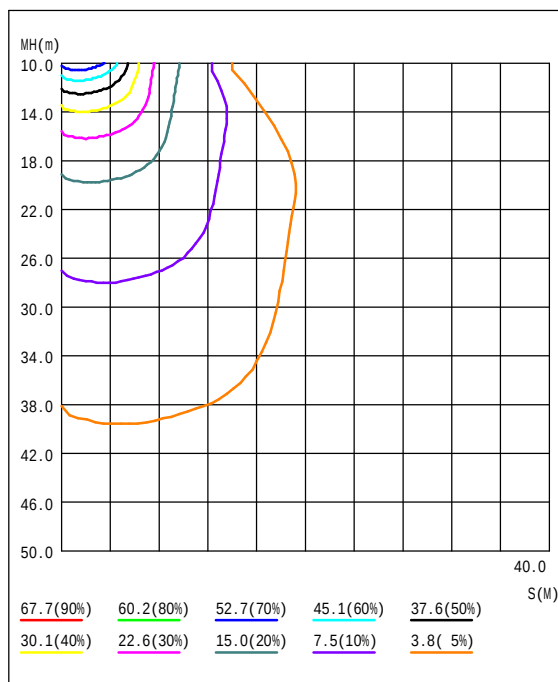
Humidity(%): 60

Date: 2022-5-18

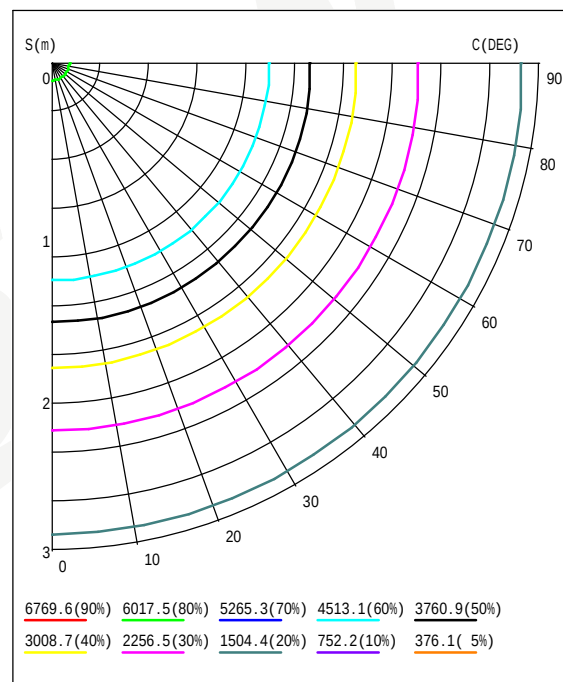
Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Spacial ISOLUX Curve



Planar ISOLUX Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

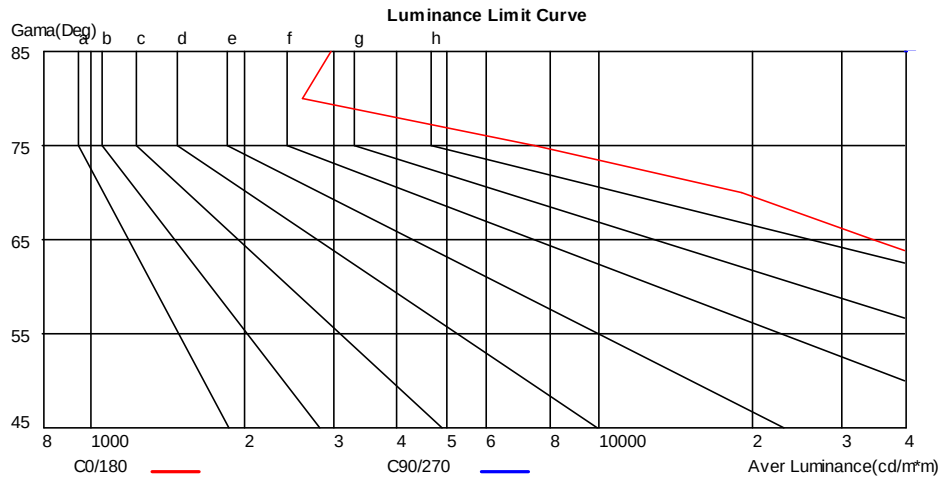
Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Luminance Limit Curve

Aver Luminance(cd/m²m)									
Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	389695.3	277845.8	146090.8	67174.0	34578.0	19035.0	7446.8	2610.5	2964.2
C90	158747.3	99769.8	71090.0	67049.8	65578.3	67317.0	71273.8	85271.3	41962.0

Glare									
Glare	Class	Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zyg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

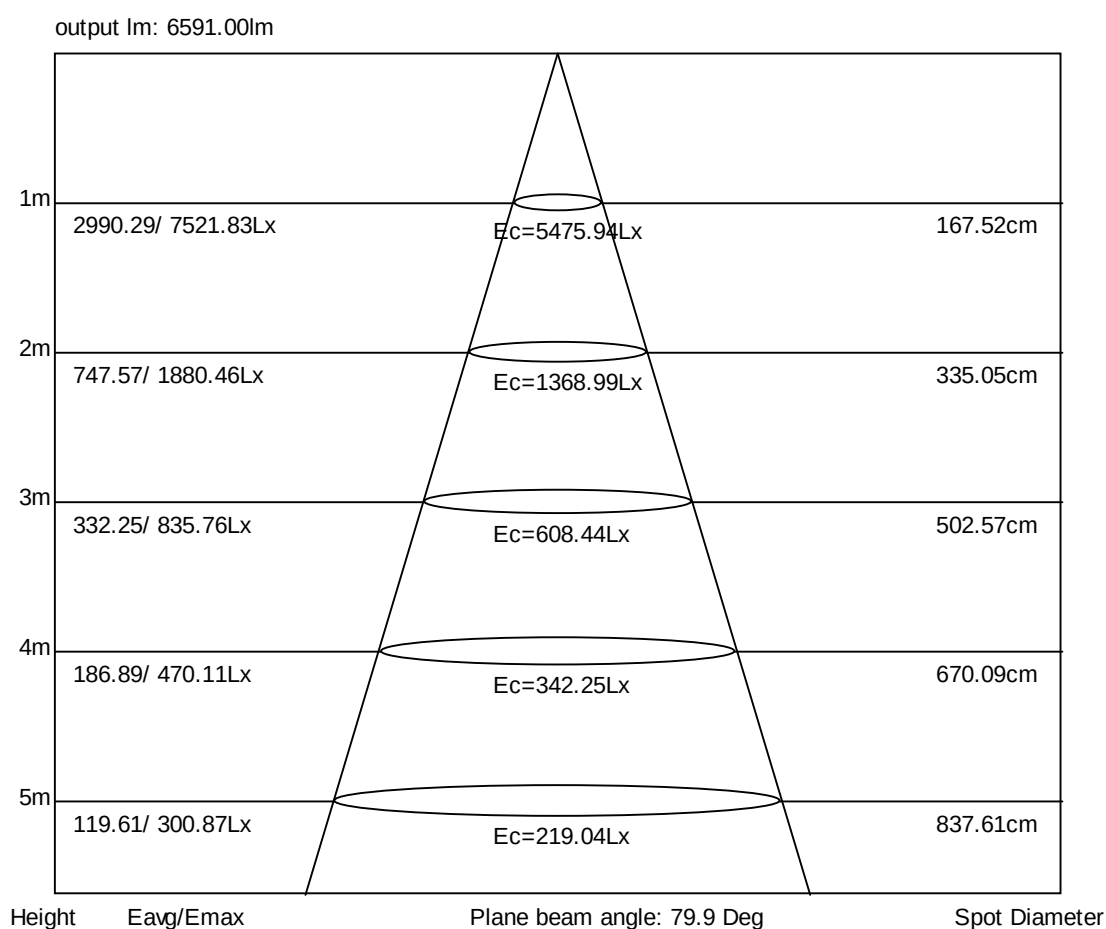
Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Average Illumination



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

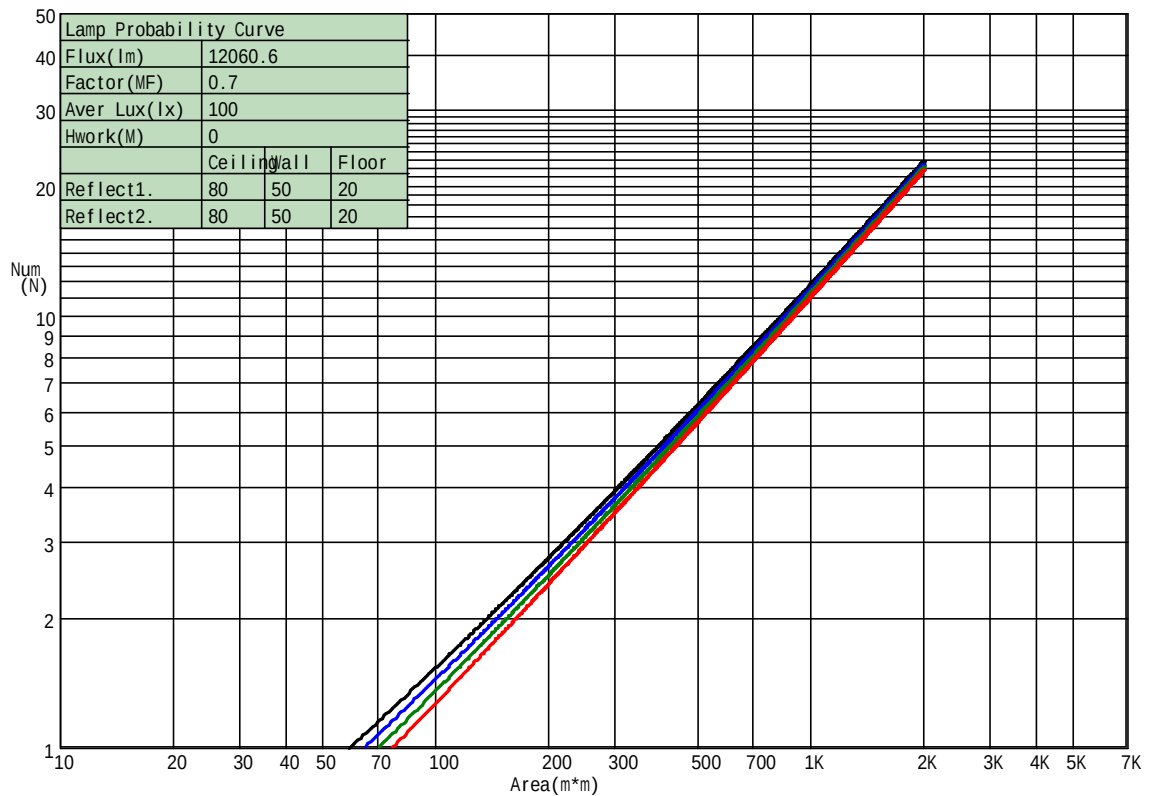
Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Lamp Probability Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

UF Table

Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5
Wall	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3
Floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.60	61	47	39	59	47	39	56	45	38
0.80	62	47	36	60	46	36	56	44	35
1.00	63	47	35	61	45	35	56	43	34
1.25	64	47	34	61	45	33	56	42	31
1.50	65	47	33	62	45	32	56	42	30
2.00	67	48	33	63	46	32	57	42	29
2.50	68	48	32	64	46	31	56	41	28
3.00	69	49	32	65	46	31	57	41	28
4.00	71	50	32	66	47	31	57	42	28
5.00	72	51	33	67	48	31	58	42	28

CoEfficients Utilization

Ceiling(%)		0			0			0			0			0	
Wall(%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Floor (%)		0			0			0			0			0	
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02
1	1.07	1.03	1	1.04	1.01	0.98	1	0.98	0.95	0.96	0.94	0.92	0.93	0.91	0.9
2	0.95	0.89	0.85	0.93	0.88	0.84	0.9	0.85	0.82	0.87	0.83	0.8	0.84	0.81	0.78
3	0.85	0.78	0.73	0.84	0.77	0.72	0.81	0.75	0.71	0.78	0.74	0.7	0.76	0.72	0.68
4	0.77	0.69	0.63	0.76	0.68	0.63	0.73	0.67	0.62	0.71	0.65	0.61	0.69	0.64	0.6
5	0.69	0.61	0.56	0.68	0.61	0.55	0.66	0.6	0.55	0.64	0.59	0.54	0.63	0.58	0.54
6	0.63	0.55	0.49	0.62	0.55	0.49	0.61	0.54	0.49	0.59	0.53	0.48	0.57	0.52	0.48
7	0.58	0.5	0.44	0.57	0.49	0.44	0.56	0.49	0.44	0.54	0.48	0.43	0.53	0.47	0.43
8	0.53	0.45	0.4	0.52	0.45	0.4	0.51	0.44	0.4	0.5	0.44	0.39	0.49	0.43	0.39
9	0.49	0.41	0.36	0.48	0.41	0.36	0.47	0.41	0.36	0.46	0.4	0.36	0.45	0.4	0.36
10	0.45	0.38	0.33	0.45	0.38	0.33	0.44	0.37	0.33	0.43	0.37	0.33	0.42	0.37	0.33

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Wall Exitance CoEfficients

Ceiling(%)		0			0			0			0			0	
Wall(%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Floor (%)		0			0			0			0			0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0.26	0.15	0.05	0.25	0.14	0.05	0.24	0.14	0.04	0.22	0.13	0.04	0.21	0.12	0.04
2	0.25	0.13	0.04	0.24	0.13	0.04	0.23	0.13	0.04	0.22	0.12	0.04	0.21	0.12	0.04
3	0.23	0.12	0.04	0.23	0.12	0.04	0.22	0.12	0.04	0.21	0.11	0.03	0.2	0.11	0.03
4	0.22	0.11	0.03	0.21	0.11	0.03	0.2	0.11	0.03	0.2	0.11	0.03	0.19	0.1	0.03
5	0.2	0.1	0.03	0.2	0.1	0.03	0.19	0.1	0.03	0.19	0.1	0.03	0.18	0.1	0.03
6	0.19	0.1	0.03	0.19	0.1	0.03	0.18	0.09	0.03	0.18	0.09	0.03	0.17	0.09	0.03
7	0.18	0.09	0.03	0.18	0.09	0.03	0.17	0.09	0.02	0.17	0.08	0.02	0.16	0.08	0.02
8	0.17	0.08	0.02	0.17	0.08	0.02	0.16	0.08	0.02	0.16	0.08	0.02	0.15	0.08	0.02
9	0.16	0.08	0.02	0.16	0.08	0.02	0.15	0.08	0.02	0.15	0.07	0.02	0.14	0.07	0.02
10	0.15	0.07	0.02	0.15	0.07	0.02	0.15	0.07	0.02	0.14	0.07	0.02	0.14	0.07	0.02

Ceiling Cavity Exitance CoEfficients

Ceiling(%)		0			0			0			0			0	
Wall(%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Floor (%)		0			0			0			0			0	
0	0.19	0.19	0.19	0.16	0.16	0.16	0.11	0.11	0.11	0.06	0.06	0.06	0.02	0.02	0.02
1	0.18	0.16	0.14	0.15	0.13	0.12	0.1	0.09	0.08	0.06	0.05	0.05	0.02	0.02	0.02
2	0.17	0.13	0.1	0.14	0.11	0.09	0.1	0.08	0.06	0.06	0.05	0.04	0.02	0.01	0.01
3	0.16	0.11	0.08	0.13	0.1	0.07	0.09	0.07	0.05	0.05	0.04	0.03	0.02	0.01	0.01
4	0.15	0.1	0.06	0.13	0.09	0.05	0.09	0.06	0.04	0.05	0.04	0.02	0.02	0.01	0.01
5	0.14	0.09	0.05	0.12	0.08	0.04	0.08	0.05	0.03	0.05	0.03	0.02	0.02	0.01	0.01
6	0.13	0.08	0.04	0.12	0.07	0.04	0.08	0.05	0.03	0.05	0.03	0.02	0.01	0.01	0.01
7	0.13	0.07	0.04	0.11	0.06	0.03	0.08	0.04	0.02	0.04	0.03	0.01	0.01	0.01	0
8	0.12	0.07	0.03	0.11	0.06	0.03	0.07	0.04	0.02	0.04	0.02	0.01	0.01	0.01	0
9	0.12	0.06	0.03	0.1	0.05	0.02	0.07	0.04	0.02	0.04	0.02	0.01	0.01	0.01	0
10	0.11	0.06	0.02	0.1	0.05	0.02	0.07	0.04	0.01	0.04	0.02	0.01	0.01	0.01	0

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	5939	5179	4569	4722	5238	5905	6167	6394	0-5	131	131
10	6121	4794	4072	4160	5001	6263	7074	7164	5-10	397	529
15	6219	4405	3668	3773	5009	6458	7406	7500	10-15	662	1191
20	6251	3998	3329	3504	5262	6459	6802	7472	15-20	902	2093
25	5985	3563	3049	3291	5584	6475	5926	7218	20-25	1103	3196
30	5372	3133	2771	3100	5810	6473	5003	6496	25-30	1256	4452
35	4696	2700	2449	2907	5912	6001	3660	5288	30-35	1322	5774
40	4255	2229	2055	2659	5953	4988	2547	3974	35-40	1296	7070
45	3897	1765	1587	2328	5940	3823	1781	2712	40-45	1214	8284
50	2778	1404	998	1954	5600	2731	1214	1576	45-50	1064	9348
55	1461	1074	711	1616	4646	1788	687	890	50-55	840	10188
60	672	766	670	1253	3398	1079	479	528	55-60	620	10809
65	346	533	656	879	2642	656	316	299	60-65	455	11264
70	190	361	673	618	1432	390	209	148	65-70	326	11590
75	74.5	240	713	441	642	214	123	45.6	70-75	206	11797
80	26.1	123	853	295	328	83.5	22.6	19.3	75-80	141	11938
85	29.6	32.4	420	187	126	20.2	20.2	22.9	80-85	89.8	12028
90	33	29.7	27.2	68.9	34	18	23.1	25.1	85-90	32.8	12061
95									90-95		
100									95-100		
105									100-105		
110									105-110		
115									110-115		
120									115-120		
125									120-125		
130									125-130		
135									130-135		
140									135-140		
145									140-145		
150									145-150		
155									150-155		
160									155-160		
165									160-165		
170									165-170		
175									170-175		
180									175-180		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

Remark:

Measured Para U: 217.0V I: 448.0mA P: 95.00W PF: 0.976 Test LM: 12060.64lm		
Lamp Name: LPSTL-100W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPSTL-100W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

CD Table

Gm\C(Deg)	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340
5.0	5939	5607	5262	4979	4702	4602	4672	4778	5012	5238	5529	5832	5991	6109	6216	6319	6344	6138
10.0	6121	5540	4939	4557	4230	4091	4131	4252	4633	5001	5553	6125	6529	6897	7094	7134	7050	6577
15.0	6219	5425	4603	4163	3829	3691	3738	3908	4468	5009	5643	6300	6769	7198	7426	7469	7360	6779
20.0	6251	5265	4244	3778	3475	3367	3447	3696	4493	5262	5786	6328	6572	6727	6948	7252	7338	6785
25.0	5985	4926	3828	3395	3161	3102	3211	3542	4581	5584	5974	6378	6295	6046	6209	6794	7084	6525
30.0	5372	4393	3378	3014	2850	2843	2992	3397	4625	5810	6101	6401	5991	5324	5329	6006	6373	5864
35.0	4696	3822	2918	2617	2504	2549	2757	3236	4597	5912	5951	5991	5233	4172	4016	4754	5224	4955
40.0	4255	3368	2451	2172	2093	2188	2461	3020	4512	5953	5531	5094	4187	3081	2859	3506	4005	4132
45.0	3897	2964	1999	1707	1626	1749	2085	2723	4359	5940	5014	4055	3153	2228	1985	2407	2842	3379
50.0	2778	2177	1554	1270	1087	1207	1640	2353	4005	5600	4345	3045	2233	1546	1293	1457	1707	2252
55.0	1461	1291	1116	955	790	909	1319	1948	3320	4646	3396	2101	1427	928	731	824	953	1211
60.0	672	713	756	735	691	798	1062	1488	2460	3398	2383	1332	882	610	490	512	544	609
65.0	346	428	512	573	629	705	806	1072	1871	2642	1773	874	545	391	313	305	304	325
70.0	190	265	342	463	605	661	636	707	1076	1432	976	504	331	248	195	168	153	172
75.0	74.5	147	222	395	609	653	530	463	554	642	455	261	184	143	106	71	48.8	61.9
80.0	26.1	68.4	112	362	693	731	478	299	313	328	221	110	63.5	35.9	21.9	20.4	20	23.1
85.0	29.6	30.8	32.1	159	335	369	263	180	152	126	79.6	31.8	20.2	20.2	20.8	22	23.7	26.7
90.0	33	31.5	30	28.8	27.7	36.3	55.2	65.1	49.3	34	27	19.8	19.7	22	23.6	24.5	26	29.6
95.0																		
100.0																		
105.0																		
110.0																		
115.0																		
120.0																		
125.0																		
130.0																		
135.0																		
140.0																		
145.0																		
150.0																		
155.0																		
160.0																		
165.0																		
170.0																		
175.0																		
180.0																		

Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

Humidity(%): 60

Date: 2022-5-18

Remark: