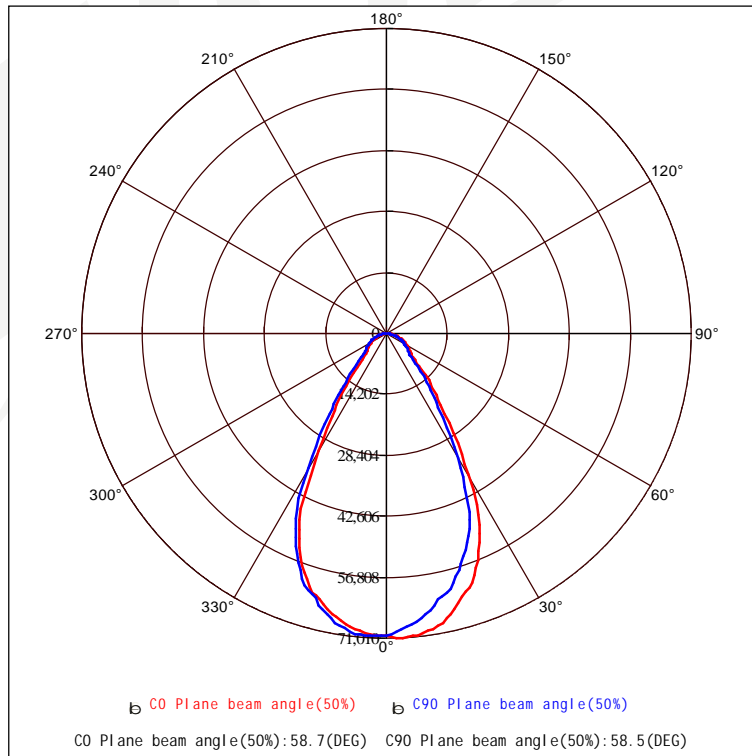


### Goniophotometer Test Report

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm						
Lamp Name: LED FLOOD LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPFL-750MT01		Lamp Spec: LPFL-750MT01		Shape Size:		
Manufactory: LIPER		Sur(m^2):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPFL-750MT01		Peak Value(cd)	71086.2	Efficiency(lm/w)	109.6
Nominal P(w)	750.0		Position	0.0, 2.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	77019.276	Down(C0-C180)	49.7
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)	50.3

### Planar Intensity Distribution Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

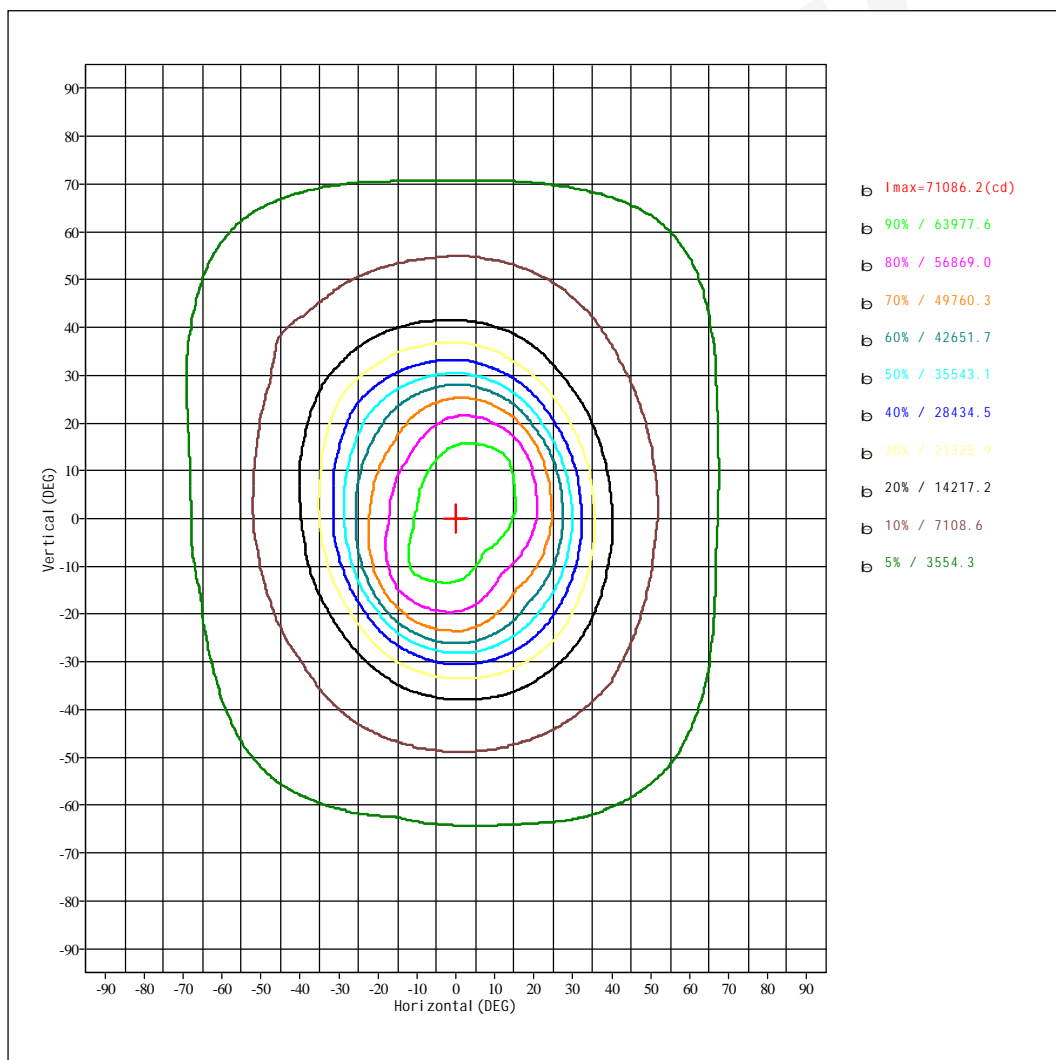
Humidity(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.281m		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
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: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

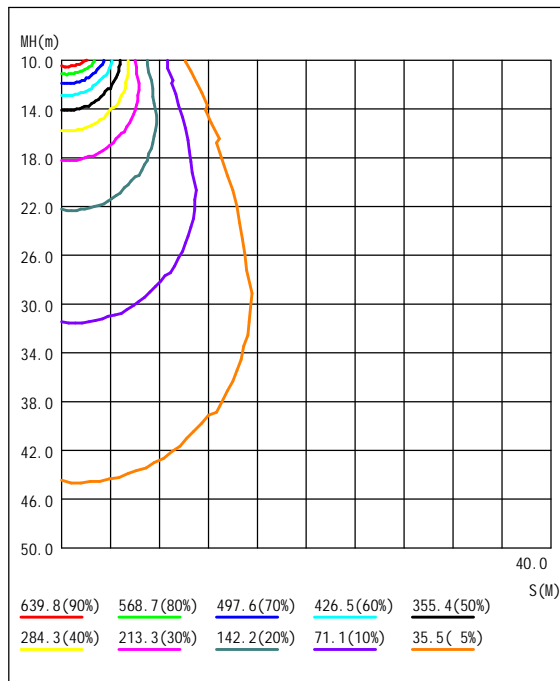
Humi di ty(%): 60

Date: 2026-4-7

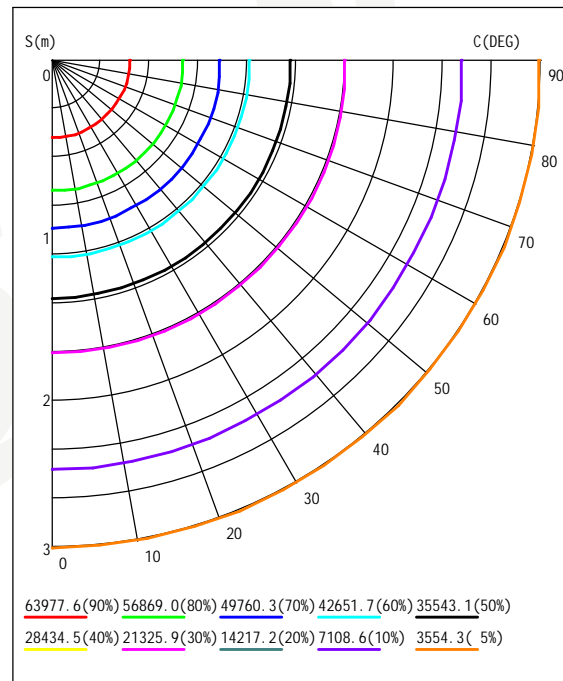
Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Spacial ISOLUX Curve



Planar ISOLUX Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

Humi di ty(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Luminance Limit Curve

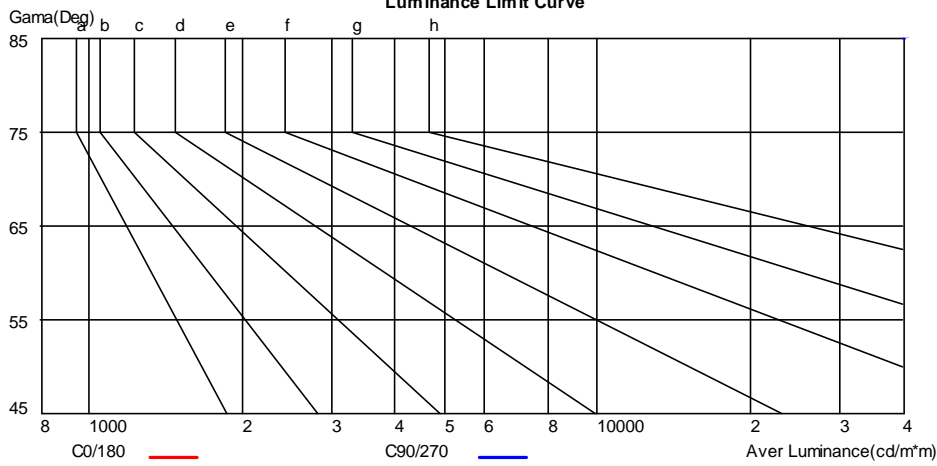
Aver Luminance(cd/m²m)

Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	1035594.4	729664.4	642584.0	535809.1	437896.3	336795.1	229972.7	137896.8	88935.0
C90	840003.6	664108.3	573088.8	462843.2	370698.7	270394.3	171356.4	108531.1	41039.0

Glare

Glare	Class	Illuminance(lx)							
		2000	1000	500	<=300				
1.15	A								
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

Luminance Limit Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zyg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

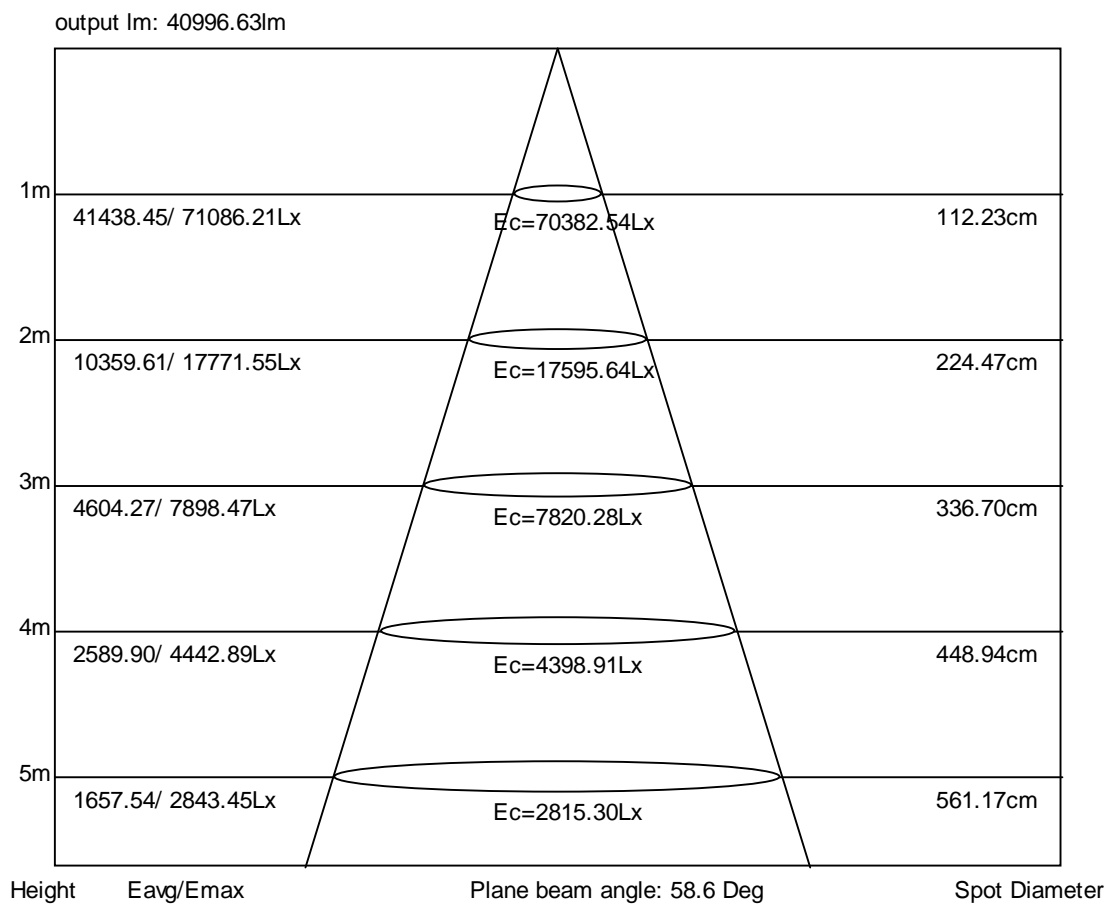
Humi di ty(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Average Illumination



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

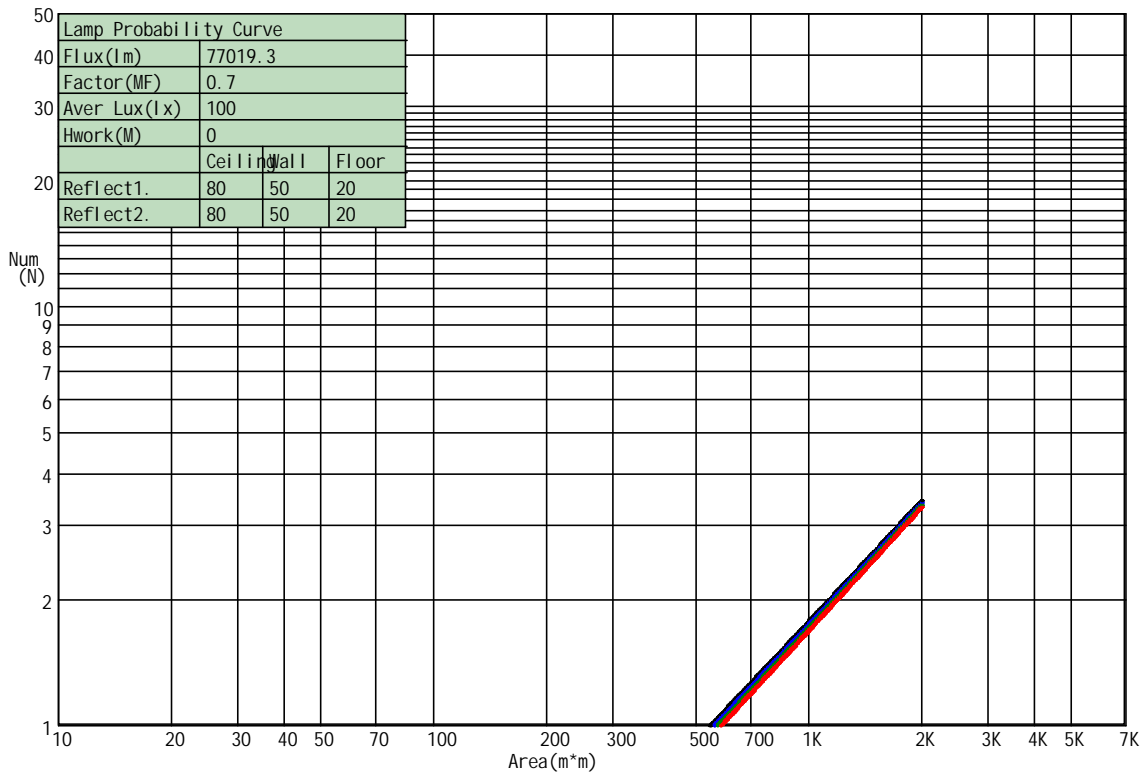
Humi di ty(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Size:
Manufactory: LIPER	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Lamp Probability Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
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	50	35	26	49	34	25	46	33	25
0.80	54	37	26	52	36	25	48	34	25
1.00	57	39	27	55	38	26	50	35	25
1.25	60	41	27	57	39	26	51	36	25
1.50	62	42	28	59	41	27	52	37	25
2.00	65	45	29	61	43	28	54	38	26
2.50	67	46	29	62	44	28	55	39	25
3.00	68	47	30	63	45	28	55	39	25
4.00	70	49	31	65	46	29	56	40	26
5.00	71	50	31	66	47	30	57	41	26

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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	1	0.98	0.98	0.96	0.95	0.95	0.93	0.92
2	0.99	0.94	0.9	0.97	0.93	0.89	0.94	0.9	0.87	0.91	0.88	0.85	0.88	0.85	0.83
3	0.91	0.85	0.8	0.89	0.84	0.79	0.86	0.82	0.78	0.84	0.8	0.77	0.81	0.78	0.75
4	0.83	0.77	0.72	0.82	0.76	0.71	0.8	0.75	0.7	0.78	0.73	0.7	0.76	0.72	0.69
5	0.77	0.7	0.65	0.76	0.7	0.65	0.74	0.69	0.64	0.73	0.68	0.64	0.71	0.67	0.63
6	0.72	0.65	0.6	0.71	0.64	0.6	0.69	0.63	0.59	0.68	0.63	0.59	0.66	0.62	0.58
7	0.67	0.6	0.55	0.66	0.6	0.55	0.65	0.59	0.55	0.64	0.58	0.54	0.62	0.58	0.54
8	0.63	0.56	0.51	0.62	0.56	0.51	0.61	0.55	0.51	0.6	0.54	0.51	0.59	0.54	0.5
9	0.59	0.52	0.48	0.58	0.52	0.48	0.57	0.51	0.47	0.56	0.51	0.47	0.55	0.51	0.47
10	0.55	0.49	0.45	0.55	0.49	0.45	0.54	0.48	0.44	0.53	0.48	0.44	0.52	0.48	0.44

Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi dity(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Wall Exi tance 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	0.22	0.13	0.04	0.22	0.12	0.04	0.2	0.12	0.04	0.19	0.11	0.04	0.18	0.1	0.03
2	0.21	0.12	0.04	0.21	0.11	0.03	0.19	0.11	0.03	0.18	0.1	0.03	0.17	0.1	0.03
3	0.2	0.11	0.03	0.19	0.1	0.03	0.18	0.1	0.03	0.17	0.1	0.03	0.17	0.09	0.03
4	0.19	0.1	0.03	0.18	0.09	0.03	0.17	0.09	0.03	0.17	0.09	0.03	0.16	0.09	0.03
5	0.17	0.09	0.03	0.17	0.09	0.03	0.16	0.09	0.03	0.16	0.08	0.02	0.15	0.08	0.02
6	0.16	0.08	0.02	0.16	0.08	0.02	0.15	0.08	0.02	0.15	0.08	0.02	0.14	0.08	0.02
7	0.16	0.08	0.02	0.15	0.08	0.02	0.15	0.07	0.02	0.14	0.07	0.02	0.14	0.07	0.02
8	0.15	0.07	0.02	0.14	0.07	0.02	0.14	0.07	0.02	0.13	0.07	0.02	0.13	0.07	0.02
9	0.14	0.07	0.02	0.14	0.07	0.02	0.13	0.07	0.02	0.13	0.06	0.02	0.12	0.06	0.02
10	0.13	0.06	0.02	0.13	0.06	0.02	0.13	0.06	0.02	0.12	0.06	0.02	0.12	0.06	0.02

Ceiling Cavi ty Exi tance 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	0.17	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	0.16	0.13	0.11	0.14	0.11	0.09	0.09	0.08	0.06	0.05	0.05	0.04	0.02	0.01	0.01
3	0.15	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	0.14	0.1	0.07	0.12	0.09	0.06	0.08	0.06	0.04	0.05	0.04	0.02	0.02	0.01	0.01
5	0.13	0.09	0.06	0.11	0.08	0.05	0.08	0.05	0.03	0.05	0.03	0.02	0.01	0.01	0.01
6	0.13	0.08	0.05	0.11	0.07	0.04	0.07	0.05	0.03	0.04	0.03	0.02	0.01	0.01	0.01
7	0.12	0.07	0.04	0.1	0.06	0.03	0.07	0.04	0.02	0.04	0.03	0.01	0.01	0.01	0
8	0.11	0.07	0.03	0.1	0.06	0.03	0.07	0.04	0.02	0.04	0.02	0.01	0.01	0.01	0
9	0.11	0.06	0.03	0.09	0.05	0.03	0.06	0.04	0.02	0.04	0.02	0.01	0.01	0.01	0
10	0.1	0.06	0.03	0.09	0.05	0.02	0.06	0.03	0.02	0.04	0.02	0.01	0.01	0.01	0

Gama Angle Range: -90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxc

Date: 2026-4-7

Distance(m): 7.000

Remark:

Test System: ZWL Goni ophotometer System V3.0

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
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	70696	69347	67739	69250	69534	68241	70680	69864	0-5	1669	1669
10	68855	65005	63849	68576	66948	63575	68008	70107	5-10	4877	6546
15	64422	60162	59442	64650	63296	58519	63175	67886	10-15	7690	14236
20	59087	53270	53037	58717	56703	51252	57799	62597	15-20	9837	24073
25	50536	45881	45105	46601	46591	44004	49122	51196	20-25	10907	34980
30	36843	37021	32137	27902	30250	32183	34906	33943	25-30	10136	45116
35	24317	26842	19849	16674	19058	20280	21700	19808	30-35	7909	53025
40	15705	18292	14006	9786	11175	13928	14789	13442	35-40	5788	58813
45	10356	11871	8400	7220	6823	9881	8603	7914	40-45	4069	62882
50	7297	10233	6641	6272	5856	7903	6285	7398	45-50	3186	66068
55	6426	7486	5731	4420	4707	4671	5585	5992	50-55	2808	68876
60	5358	4631	4628	3357	3812	3212	4505	4143	55-60	2247	71123
65	4379	3151	3707	2644	2918	2631	3656	3121	60-65	1807	72930
70	3368	2512	2704	2008	1960	2393	2789	2401	65-70	1462	74392
75	2300	2187	1714	1414	1283	2199	1788	1798	70-75	1129	75521
80	1379	1923	1085	796	736	1466	1148	1265	75-80	819	76339
85	889	1100	410	273	192	296	623	705	80-85	482	76821
90	441	254	247	245	179	174	180	294	85-90	198	77019
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: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2026-4-7

Remark:

Measured Para U: 231.1V I: 3104.0mA P: 702.60W PF: 0.980 Test LM: 77019.28lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPFL-750MT01	Lamp Spec: LPFL-750MT01	Shape Si ze:
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	71k	70k	69k	69k	68k	68k	69k	69k	69k	70k	69k	68k	69k	70k	71k	70k	70k	70k
10.0	69k	67k	65k	65k	64k	65k	67k	68k	68k	67k	65k	64k	65k	67k	68k	69k	70k	69k
15.0	64k	63k	61k	60k	60k	61k	63k	65k	64k	63k	61k	59k	60k	62k	64k	66k	68k	66k
20.0	59k	57k	54k	53k	53k	54k	57k	58k	58k	57k	54k	52k	53k	56k	59k	61k	62k	61k
25.0	51k	48k	46k	46k	45k	45k	46k	47k	47k	47k	45k	44k	46k	48k	50k	51k	51k	51k
30.0	37k	37k	37k	35k	33k	31k	29k	28k	29k	30k	31k	32k	33k	34k	35k	34k	34k	36k
35.0	24k	25k	27k	25k	21k	19k	18k	17k	18k	19k	20k	20k	21k	21k	21k	20k	20k	22k
40.0	16k	17k	18k	17k	15k	13k	11k	9938	11k	11k	12k	14k	14k	15k	14k	14k	14k	15k
45.0	10k	11k	12k	11k	9159	8142	7607	7176	6997	6823	8161	9547	9462	8883	8452	8140	8181	9287
50.0	7297	8581	9912	9054	7427	6560	6393	6227	6038	5856	6752	7680	7372	6639	6528	7033	7387	7341
55.0	6426	6890	7370	6910	6115	5444	4850	4451	4581	4707	4691	4675	4971	5385	5674	5858	6039	6236
60.0	5358	5040	4711	4630	4629	4350	3774	3407	3613	3812	3550	3278	3636	4222	4425	4261	4276	4826
65.0	4379	3842	3286	3334	3585	3474	2993	2674	2798	2918	2793	2663	2968	3432	3539	3297	3258	3829
70.0	3368	2994	2606	2575	2662	2552	2236	2003	1981	1960	2150	2346	2523	2703	2704	2528	2506	2945
75.0	2300	2250	2199	2032	1817	1648	1512	1399	1340	1283	1684	2099	2064	1878	1790	1795	1853	2080
80.0	1379	1617	1864	1648	1269	1022	891	790	762	736	1055	1386	1362	1218	1174	1227	1278	1329
85.0	889	982	1077	874	561	380	318	265	228	192	237	285	403	552	641	678	725	809
90.0	441	359	274	251	248	246	245	237	208	179	177	175	176	179	205	257	310	377
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)

C Angle Range: 0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxg

Date: 2026-4-7

Distance(m): 7.000

Remark:

Test System: ZWL Goniophotometer System V3.0