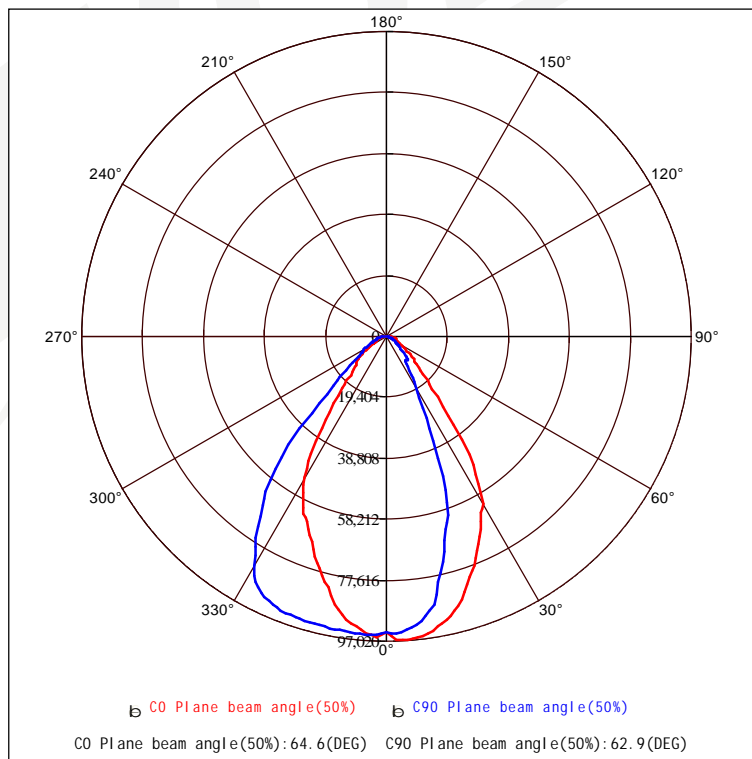


Goniophotometer Test Report

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm						
Lamp Name: LED FLOOD LIGHT		Lamp Type:		Weight(kg):		
Lamp ID: LPFL-1000MT01		Lamp Spec: LPFL-1000MT01		Shape Size:		
Manufactory: LIPER		Sur(m ²):		Protect Angle(Deg):		
Light Source Data			Photometric Data			
Model	LPFL-1000MT01		Peak Value(cd)	97057.4	Efficiency(lm/w)	113.1
Nominal P(w)	1000.0		Position	0.0, 4.0	UP(C0-C180)	0.0
Rated Volt(v)	1.0		Total Flux(lm)	106694.683	Down(C0-C180)	43.9
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)	56.1

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

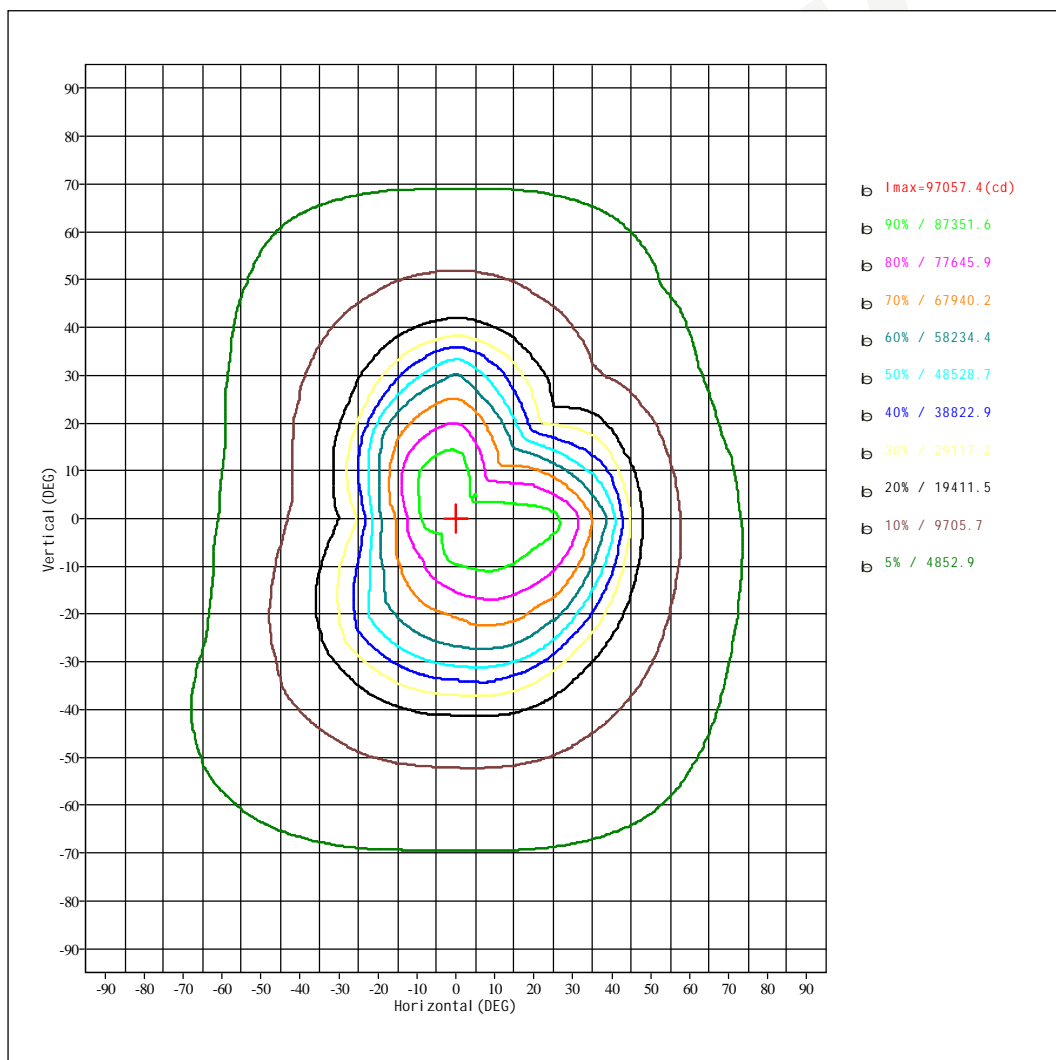
Humidity(%): 60

Date: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

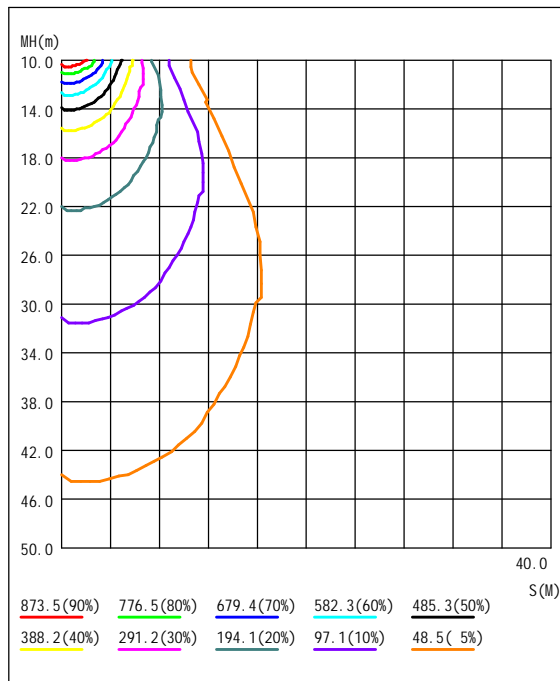
Humi di ty(%): 60

Date: 2026-4-8

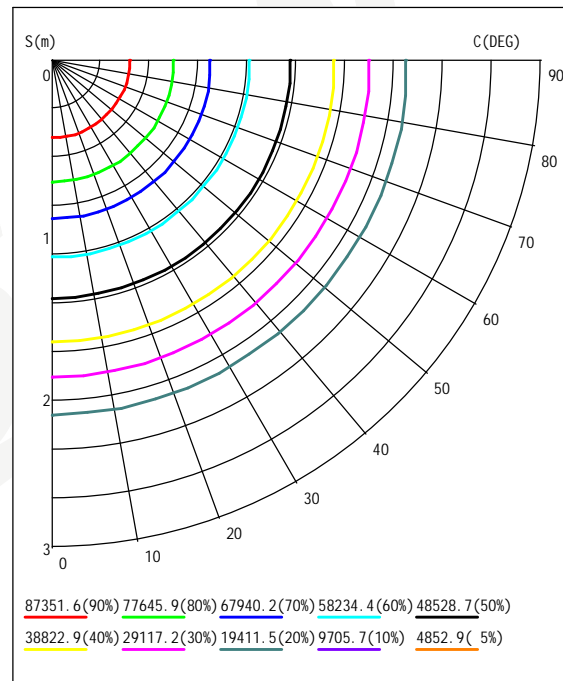
Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	Shape Si ze:
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: 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: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	Shape Si ze:
Manufactory: LIPER	Sur(m^2):	Protect Angle(Deg):

Luminance Limit Curve

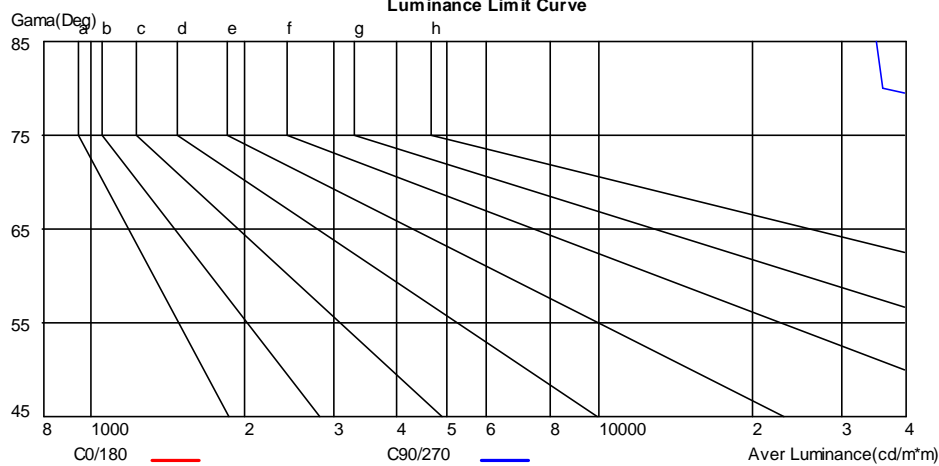
Aver Luminance(cd/m²m)

Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	1520327.4	1105230.8	765678.4	511190.1	386454.7	339468.1	304673.2	253794.5	92702.6
C90	804833.8	533417.4	390393.8	294216.1	220781.8	161914.6	87303.3	36177.2	35116.3

Glare

Glare	Class	Illuminance(lx)							
		a	b	c	d	e	f	g	h
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

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

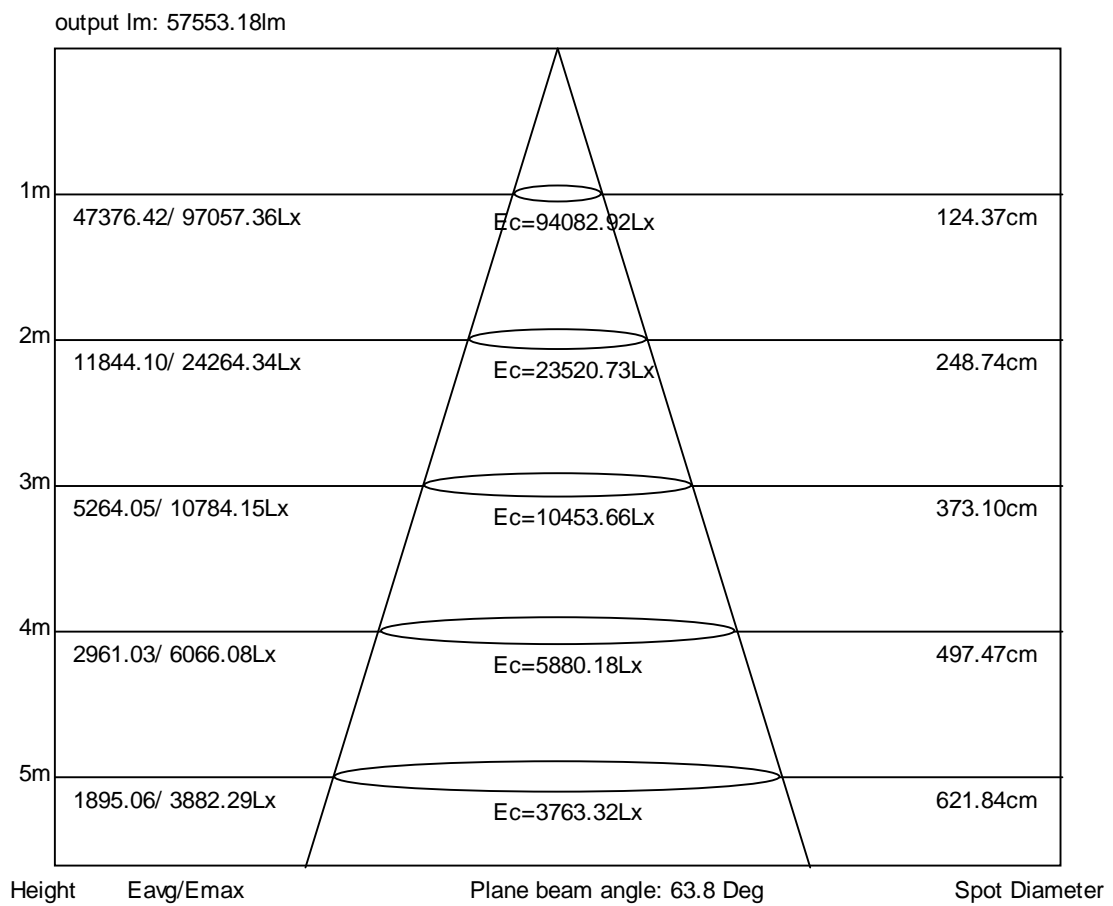
Humi di ty(%): 60

Date: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	Shape Si ze:
Manufactory: LIPER	Sur(m ²):	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

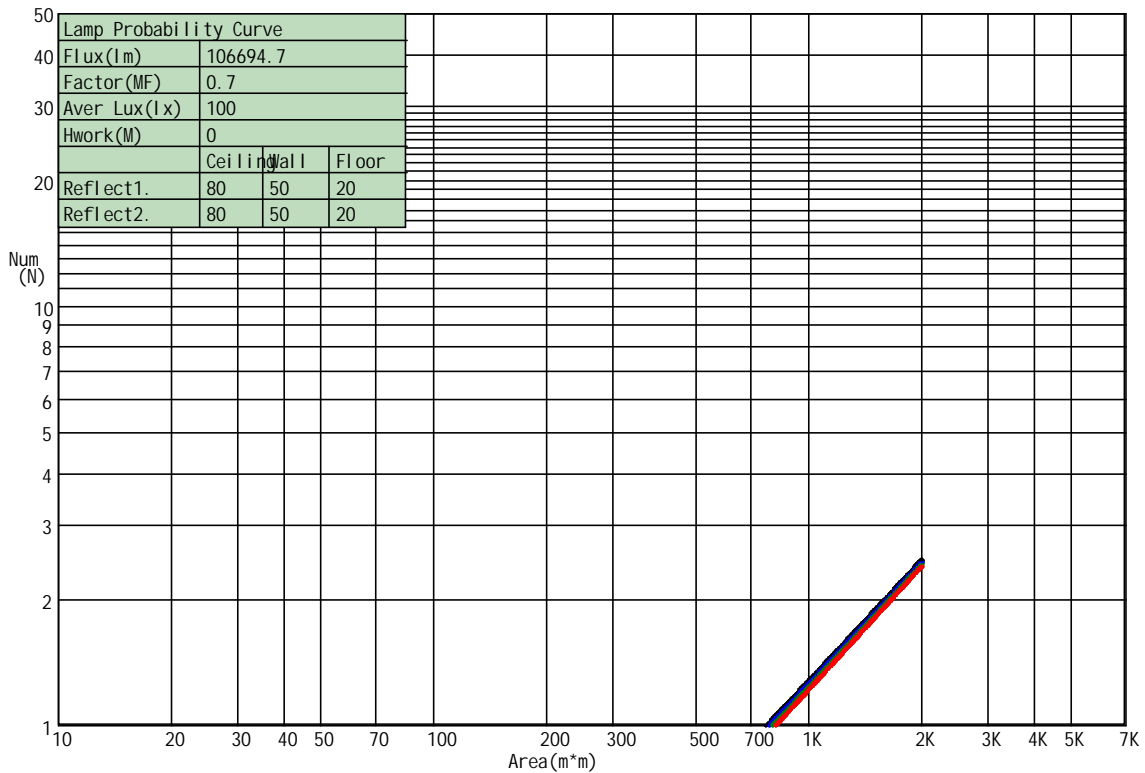
Humi di ty(%): 60

Date: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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	51	36	26	49	35	26	46	34	25
0.80	54	37	26	52	36	26	48	34	25
1.00	57	39	27	54	38	26	50	35	25
1.25	60	41	27	57	39	26	51	36	24
1.50	62	42	27	58	40	26	52	37	24
2.00	65	44	28	61	42	27	54	38	25
2.50	66	46	29	62	43	28	54	39	25
3.00	68	47	30	63	44	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	0.89	0.97	0.92	0.88	0.94	0.9	0.86	0.9	0.87	0.85	0.88	0.85	0.83
3	0.9	0.84	0.79	0.89	0.83	0.79	0.86	0.81	0.77	0.84	0.8	0.76	0.81	0.78	0.75
4	0.83	0.76	0.71	0.82	0.76	0.71	0.8	0.74	0.7	0.77	0.73	0.69	0.75	0.72	0.68
5	0.77	0.7	0.65	0.76	0.69	0.64	0.74	0.68	0.64	0.72	0.67	0.63	0.7	0.66	0.63
6	0.71	0.64	0.59	0.7	0.64	0.59	0.69	0.63	0.58	0.67	0.62	0.58	0.66	0.61	0.58
7	0.66	0.59	0.54	0.65	0.59	0.54	0.64	0.58	0.54	0.63	0.57	0.53	0.62	0.57	0.53
8	0.62	0.55	0.5	0.61	0.55	0.5	0.6	0.54	0.5	0.59	0.54	0.5	0.58	0.53	0.49
9	0.58	0.51	0.47	0.57	0.51	0.47	0.56	0.5	0.46	0.55	0.5	0.46	0.54	0.5	0.46
10	0.54	0.48	0.43	0.54	0.48	0.43	0.53	0.47	0.43	0.52	0.47	0.43	0.51	0.46	0.43

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: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight(kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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	0.23	0.13	0.04	0.22	0.12	0.04	0.21	0.12	0.04	0.19	0.11	0.04	0.18	0.11	0.03
2	0.21	0.12	0.04	0.21	0.11	0.04	0.2	0.11	0.03	0.19	0.1	0.03	0.18	0.1	0.03
3	0.2	0.11	0.03	0.19	0.1	0.03	0.19	0.1	0.03	0.18	0.1	0.03	0.17	0.09	0.03
4	0.19	0.1	0.03	0.18	0.1	0.03	0.17	0.09	0.03	0.17	0.09	0.03	0.16	0.09	0.03
5	0.18	0.09	0.03	0.17	0.09	0.03	0.17	0.09	0.03	0.16	0.08	0.02	0.15	0.08	0.02
6	0.17	0.08	0.02	0.16	0.08	0.02	0.16	0.08	0.02	0.15	0.08	0.02	0.15	0.08	0.02
7	0.16	0.08	0.02	0.15	0.08	0.02	0.15	0.08	0.02	0.14	0.07	0.02	0.14	0.07	0.02
8	0.15	0.07	0.02	0.15	0.07	0.02	0.14	0.07	0.02	0.14	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	0.07	0.02	0.13	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: zxcg

Date: 2026-4-8

Distance(m): 7.000

Remark:

Test System: ZWL Goni ophotometer System V3.0

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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	96393	95582	92706	87051	93147	94861	95054	86691	0-5	2234	2234
10	93396	92275	85951	80281	87711	92564	94719	79358	5-10	6472	8706
15	88258	85707	69291	73140	77796	88618	94227	69367	10-15	10010	18715
20	78901	72314	54320	64889	68637	81102	93695	59680	15-20	12529	31245
25	69357	59756	30545	57946	61552	72983	91220	45135	20-25	13895	45140
30	60025	37269	17922	48229	50552	60994	82315	26974	25-30	13814	58954
35	44293	20113	11210	34835	34186	49532	68393	16821	30-35	12236	71189
40	23632	13245	10101	22664	20361	29804	52890	10972	35-40	9543	80732
45	15203	8484	8048	14483	14205	18535	28318	7859	40-45	6794	87527
50	11052	7208	5334	12983	11766	11449	15376	6464	45-50	4884	92411
55	7657	5837	3904	10542	8152	8078	9839	5295	50-55	3830	96240
60	5112	4755	2942	6375	4914	6678	8065	4173	55-60	2917	99157
65	3865	3620	2208	4269	3420	5378	5554	3228	60-65	2242	101399
70	3395	2296	1619	3304	2880	4265	4027	2475	65-70	1748	103147
75	3047	1487	873	2810	2508	3058	3110	1800	70-75	1397	104545
80	2538	812	362	2383	2224	1811	2398	764	75-80	1069	105613
85	927	354	351	1806	979	1215	1729	270	80-85	708	106322
90	353	347	350	702	236	633	1039	269	85-90	373	106695
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): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2026-4-8

Remark:

Measured Para U: 217.7V I: 4408.0mA P: 943.20W PF: 0.983 Test LM: 106694.68lm		
Lamp Name: LED FLOOD LIGHT	Lamp Type:	Weight (kg):
Lamp ID: LPFL-1000MT01	Lamp Spec: LPFL-1000MT01	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	96k	96k	96k	95k	93k	91k	89k	88k	90k	93k	94k	95k	95k	95k	93k	89k	88k	92k
10.0	93k	93k	92k	90k	87k	85k	82k	81k	84k	88k	90k	92k	93k	94k	91k	84k	81k	87k
15.0	88k	87k	86k	80k	73k	70k	72k	74k	76k	78k	83k	87k	90k	93k	89k	78k	71k	80k
20.0	79k	76k	73k	66k	58k	57k	61k	65k	67k	69k	74k	80k	85k	91k	86k	71k	62k	70k
25.0	69k	65k	61k	50k	37k	37k	49k	58k	60k	62k	67k	72k	79k	87k	81k	60k	48k	59k
30.0	60k	50k	40k	31k	22k	25k	38k	48k	50k	51k	55k	60k	68k	78k	70k	45k	31k	46k
35.0	44k	34k	23k	17k	13k	16k	27k	35k	34k	34k	41k	48k	56k	64k	57k	34k	20k	32k
40.0	24k	19k	14k	12k	11k	13k	19k	22k	21k	20k	24k	29k	37k	48k	44k	25k	12k	18k
45.0	15k	12k	9219	8341	8144	9456	12k	14k	14k	14k	16k	18k	22k	26k	24k	15k	8662	12k
50.0	11k	9370	7628	6593	5744	7007	10k	13k	12k	12k	12k	11k	13k	15k	13k	9388	6966	9045
55.0	7657	6861	6036	5203	4327	5356	8364	10k	9198	8152	8120	8086	8656	9454	8845	6786	5553	6623
60.0	5112	4956	4794	4160	3339	3693	5249	6215	5553	4914	5686	6485	7133	7762	7214	5450	4275	4701
65.0	3865	3758	3647	3157	2517	2659	3593	4176	3792	3420	4277	5164	5436	5515	5045	3991	3297	3586
70.0	3395	2914	2416	2074	1767	1988	2751	3257	3066	2880	3486	4114	4187	4079	3688	2984	2575	2992
75.0	3047	2364	1657	1285	1007	1297	2174	2777	2640	2508	2748	2997	3075	3099	2823	2230	1936	2501
80.0	2538	1783	1001	664	460	804	1720	2365	2294	2224	2043	1856	2003	2269	2040	1300	958	1762
85.0	927	676	416	353	352	669	1329	1716	1341	979	1083	1190	1384	1617	1410	749	342	639
90.0	353	350	348	348	350	427	586	651	440	236	409	589	766	950	871	522	278	316
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: zxcg

Date: 2026-4-8

Distance(m): 7.000

Remark:

Test System: ZWL Goniophotometer System V3.0