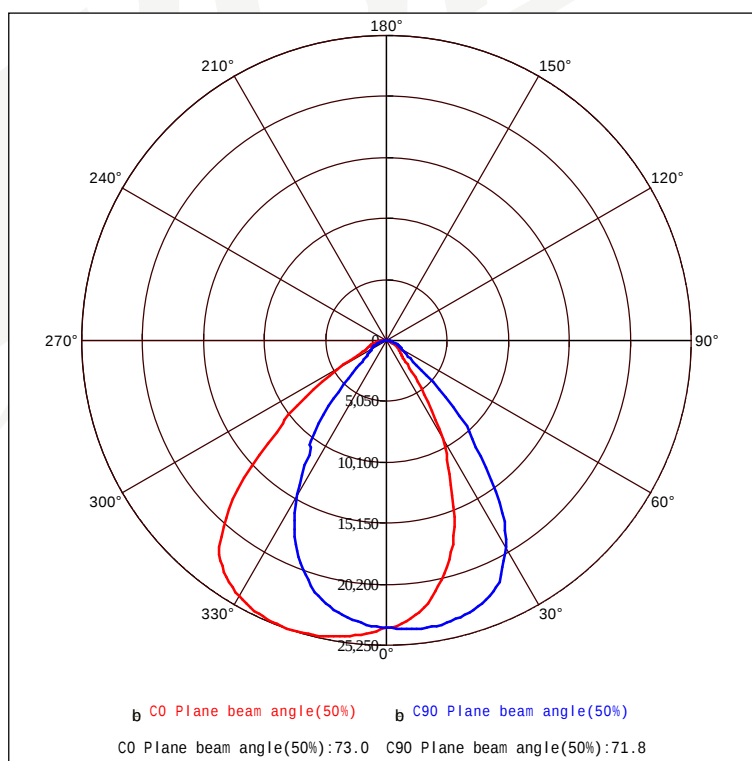


LED UFO LIGHT

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm						
Lamp Name: LPHB-300W			Lamp Type:		Weight(kg):	
Lamp ID:			Lamp Spec: LPHB-300W		Shape Size:	
Manufactory: LIPER			Sur(m^2):		Protect Angle(Deg):	
Light Source Data			Photometric Data			
Model	LPHB-300W		Peak Value(cd)	25245.7	Efficiency(lm/w)	134.5
Nominal P(w)		1.0	Position	180.0,18.0	UP(C0-C180)	0.0
Rated Volt(v)		1.0	Total Flux(lm)	36203.473	Down(C0-C180)	54.7
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)	45.3

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

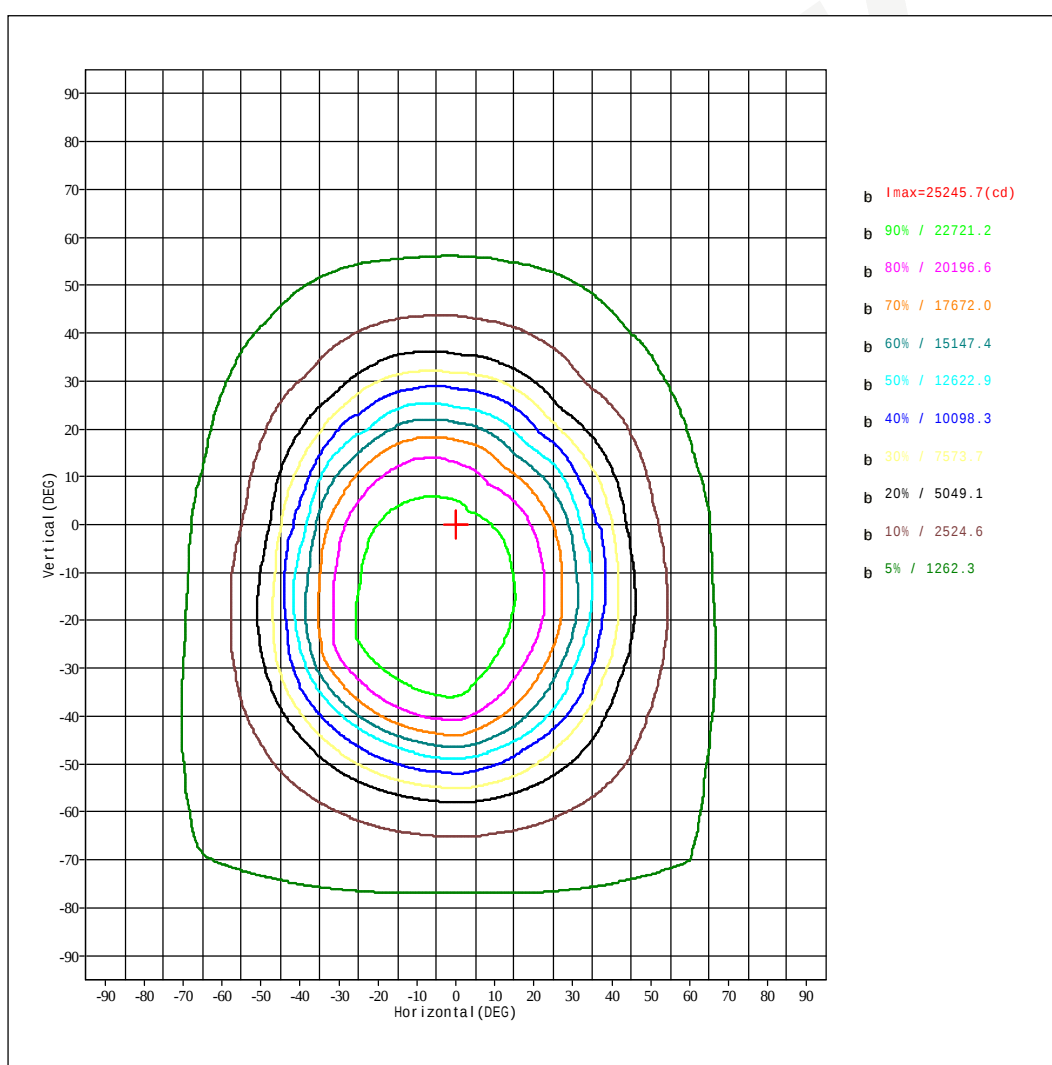
Humidity(%): 60

Date: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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

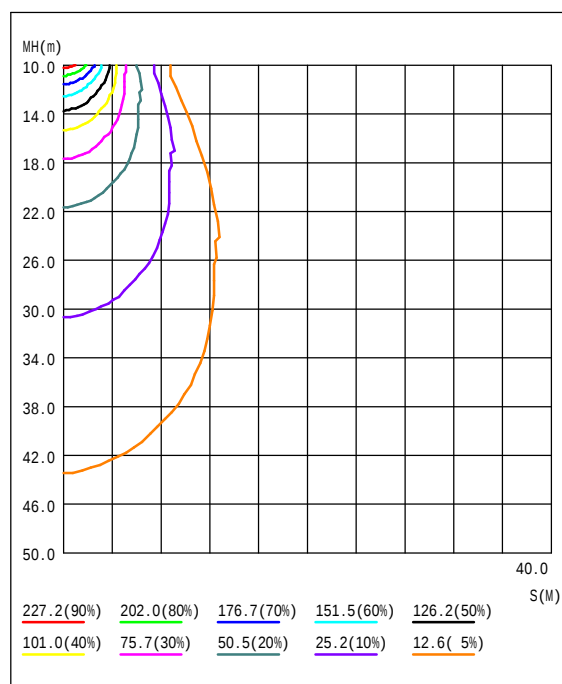
Humidity(%): 60

Date: 2021-7-10

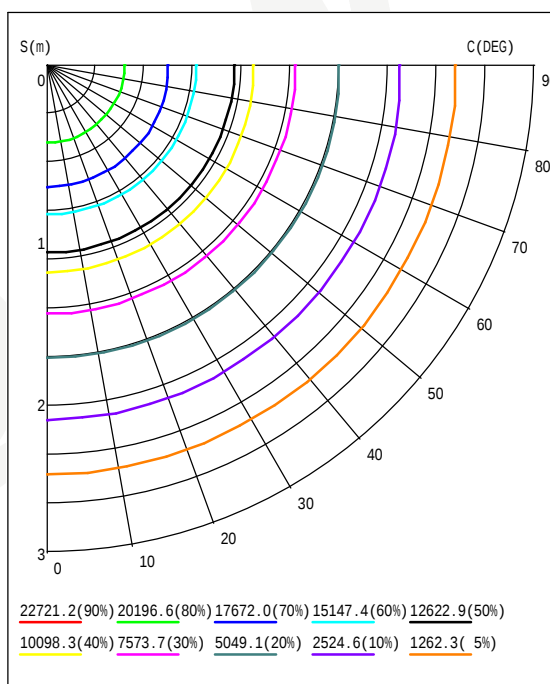
Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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: 2021-7-10

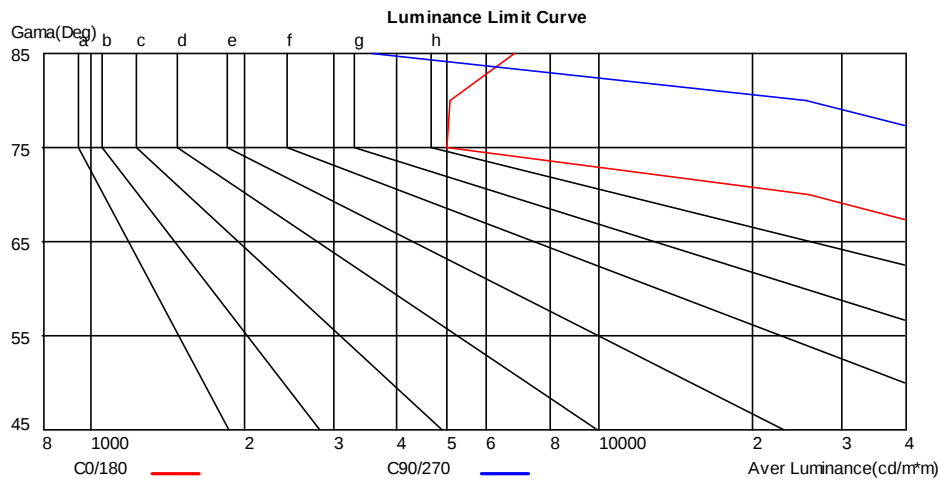
Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Luminance Limit Curve

Aver Luminance(cd/m ² m)									
Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	179585.8	142669.5	115074.3	86835.8	57173.5	25896.7	5016.5	5068.3	6808.8
C90	730985.3	353568.5	195902.8	146378.0	118241.5	89542.8	60529.3	25622.5	3557.0

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: zxcg

Distance(m): 5.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

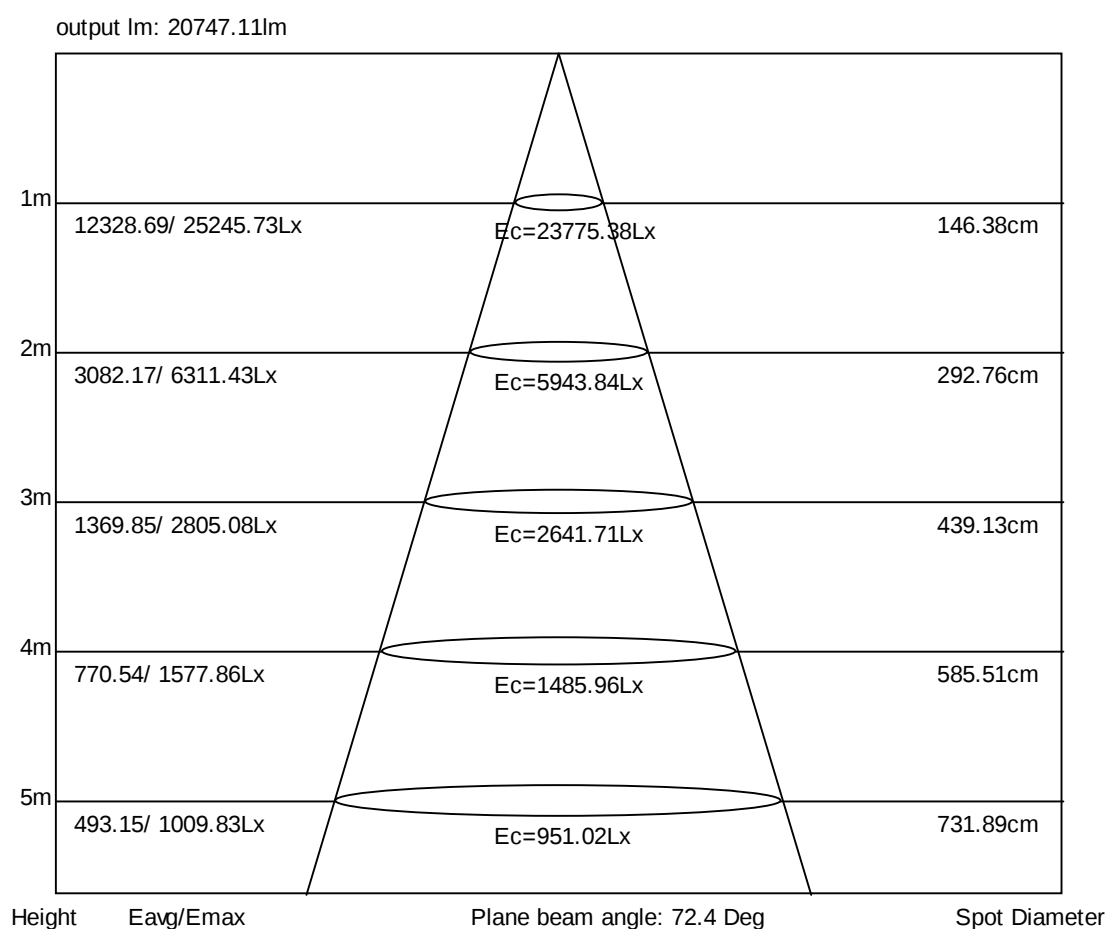
Humidity(%): 60

Date: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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

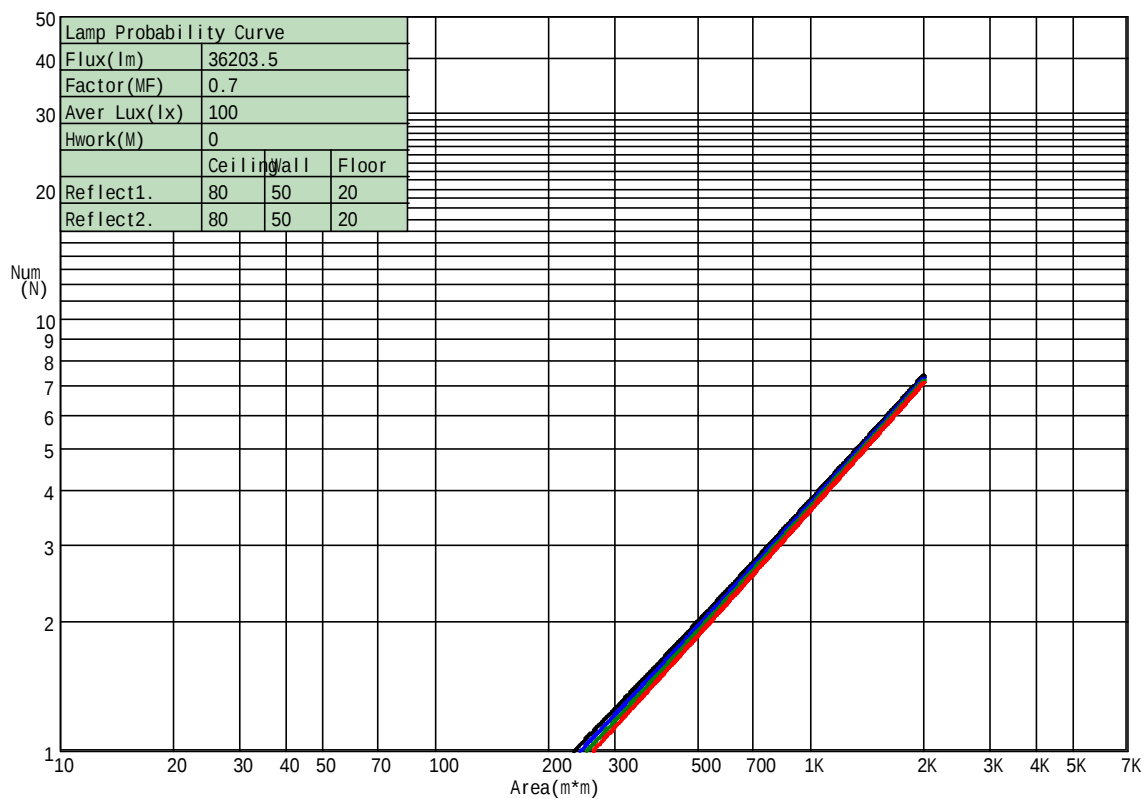
Humidity(%): 60

Date: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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	43	26	16	41	25	15	38	24	15
0.80	48	30	17	46	28	17	41	26	16
1.00	52	32	19	49	31	18	44	28	17
1.25	55	35	20	52	33	19	46	30	18
1.50	58	37	21	54	35	20	48	31	19
2.00	61	40	23	57	38	22	50	33	20
2.50	64	42	24	59	39	23	51	34	20
3.00	65	43	25	61	41	24	52	35	21
4.00	67	45	26	62	42	25	54	37	22
5.00	69	47	27	64	44	26	54	38	22

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	0.98	0.93	0.89	0.96	0.92	0.88	0.93	0.89	0.86	0.9	0.87	0.84	0.87	0.84	0.82
3	0.89	0.83	0.78	0.88	0.82	0.77	0.85	0.8	0.76	0.83	0.78	0.75	0.8	0.77	0.74
4	0.82	0.75	0.69	0.8	0.74	0.69	0.78	0.72	0.68	0.76	0.71	0.67	0.74	0.7	0.66
5	0.75	0.68	0.62	0.74	0.67	0.62	0.72	0.66	0.61	0.7	0.65	0.61	0.68	0.64	0.6
6	0.69	0.61	0.56	0.68	0.61	0.56	0.66	0.6	0.56	0.65	0.59	0.55	0.63	0.58	0.55
7	0.63	0.56	0.51	0.63	0.56	0.51	0.61	0.55	0.51	0.6	0.54	0.5	0.59	0.54	0.5
8	0.59	0.52	0.47	0.58	0.51	0.47	0.57	0.51	0.46	0.56	0.5	0.46	0.55	0.5	0.46
9	0.55	0.48	0.43	0.54	0.47	0.43	0.53	0.47	0.43	0.52	0.46	0.42	0.51	0.46	0.42
10	0.51	0.44	0.4	0.51	0.44	0.4	0.5	0.44	0.39	0.49	0.43	0.39	0.48	0.43	0.39

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: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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	0.23	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	0.22	0.12	0.04	0.21	0.12	0.04	0.2	0.11	0.03	0.19	0.11	0.03	0.18	0.1	0.03
3	0.21	0.11	0.03	0.2	0.11	0.03	0.19	0.1	0.03	0.18	0.1	0.03	0.17	0.1	0.03
4	0.19	0.1	0.03	0.19	0.1	0.03	0.18	0.1	0.03	0.17	0.09	0.03	0.17	0.09	0.03
5	0.18	0.09	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
6	0.17	0.09	0.02	0.17	0.09	0.02	0.16	0.08	0.02	0.16	0.08	0.02	0.15	0.08	0.02
7	0.16	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
8	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
9	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
10	0.14	0.07	0.02	0.14	0.07	0.02	0.13	0.07	0.02	0.13	0.06	0.02	0.13	0.06	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	0.17	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	0.1	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	0.14	0.09	0.05	0.12	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	0.04	0.11	0.07	0.04	0.08	0.05	0.03	0.04	0.03	0.02	0.01	0.01	0.01
7	0.12	0.07	0.04	0.11	0.06	0.03	0.07	0.04	0.02	0.04	0.03	0.01	0.01	0.01	0
8	0.12	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	0.1	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	0.09	0.05	0.02	0.06	0.04	0.02	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: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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	23008	23517	24022	24022	24542	24094	23440	22485	0-5	567	567
10	21333	22826	24004	24444	24984	24040	22819	20837	5-10	1676	2243
15	19186	21696	23701	24684	25204	23753	21830	18759	10-15	2701	4944
20	16037	19478	23080	24687	25215	23176	19988	15812	15-20	3567	8511
25	11796	16469	21970	24446	24953	22190	17657	11845	20-25	4183	12694
30	8933	12202	19478	23864	24376	20156	14376	9157	25-30	4500	17194
35	5199	9254	15928	22731	23295	17284	10750	5321	30-35	4452	21646
40	2791	5220	11324	20022	20803	13100	7625	2716	35-40	4046	25691
45	1796	2674	7310	15587	16935	10060	4176	1774	40-45	3315	29006
50	1427	1718	3536	10804	11260	5864	2266	1427	45-50	2430	31437
55	1151	1347	1959	5836	7705	3046	1678	1157	50-55	1686	33123
60	868	1065	1464	2685	3750	1913	1376	882	55-60	1061	34184
65	572	792	1182	1696	2050	1487	1077	580	60-65	694	34878
70	259	501	895	1327	1519	1177	798	274	65-70	508	35386
75	50.2	203	605	1035	1197	872	466	84.2	70-75	364	35750
80	50.7	44.1	256	744	896	521	156	86.7	75-80	242	35991
85	68.1	51.2	35.6	405	585	94	81.1	99.7	80-85	136	36128
90	82.3	68	40	129	248	75.6	92.3	105	85-90	75.9	36203
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: 2021-7-10

Remark:

Measured Para U: 217.3V I: 2091.0mA P: 269.20W PF: 0.592 Test LM: 36203.47lm		
Lamp Name: LPHB-300W	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPHB-300W	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	23k	23k	23k	24k	24k	24k	24k	24k	24k	25k	24k	24k	24k	24k	23k	23k	23k	23k
10.0	21k	22k	23k	23k	24k	24k	24k	25k	25k	25k	25k	24k	24k	23k	22k	21k	21k	21k
15.0	19k	20k	21k	22k	23k	24k	24k	25k	25k	25k	25k	24k	23k	22k	21k	20k	19k	19k
20.0	16k	18k	19k	21k	22k	23k	24k	25k	25k	25k	24k	23k	22k	21k	19k	17k	16k	16k
25.0	12k	14k	16k	18k	21k	23k	24k	25k	25k	25k	24k	22k	21k	19k	16k	14k	12k	12k
30.0	8933	10k	12k	15k	18k	20k	22k	24k	24k	24k	23k	21k	18k	16k	13k	11k	9133	9031
35.0	5199	6974	8811	11k	14k	17k	20k	23k	23k	23k	21k	18k	15k	12k	9563	7103	5308	5253
40.0	2791	3854	4955	7223	9989	13k	17k	20k	20k	21k	17k	14k	11k	8823	6551	4327	2724	2758
45.0	1796	2180	2578	4195	6296	9120	13k	16k	16k	17k	14k	11k	8129	5463	3651	2562	1776	1786
50.0	1427	1554	1686	2314	3138	5126	8419	11k	11k	11k	8900	6454	4684	3053	2082	1702	1427	1427
55.0	1151	1237	1326	1548	1825	2807	4564	6041	6887	7705	5666	3555	2597	1977	1564	1328	1157	1154
60.0	868	954	1044	1196	1377	1731	2284	2801	3284	3750	2946	2114	1737	1494	1268	1044	880	874
65.0	572	668	768	920	1097	1295	1527	1734	1895	2050	1804	1549	1353	1167	968	743	579	576
70.0	259	365	474	630	809	990	1185	1348	1435	1519	1369	1214	1052	881	683	446	272	265
75.0	50.2	117	186	335	517	699	894	1053	1126	1197	1055	907	739	555	383	210	80.5	65.1
80.0	50.7	47.8	44.8	114	210	363	584	761	829	896	732	562	401	236	141	110	82.7	66.4
85.0	68.1	60.7	53.1	46.1	39	116	284	425	506	585	370	148	89.7	83.9	85.2	93.6	96.2	81.9
90.0	82.3	76	69.5	58.8	46.1	59.4	99.5	142	196	248	173	94.5	81.1	88.7	95.1	101	103	92.3
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: 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: 2021-7-10

Remark: