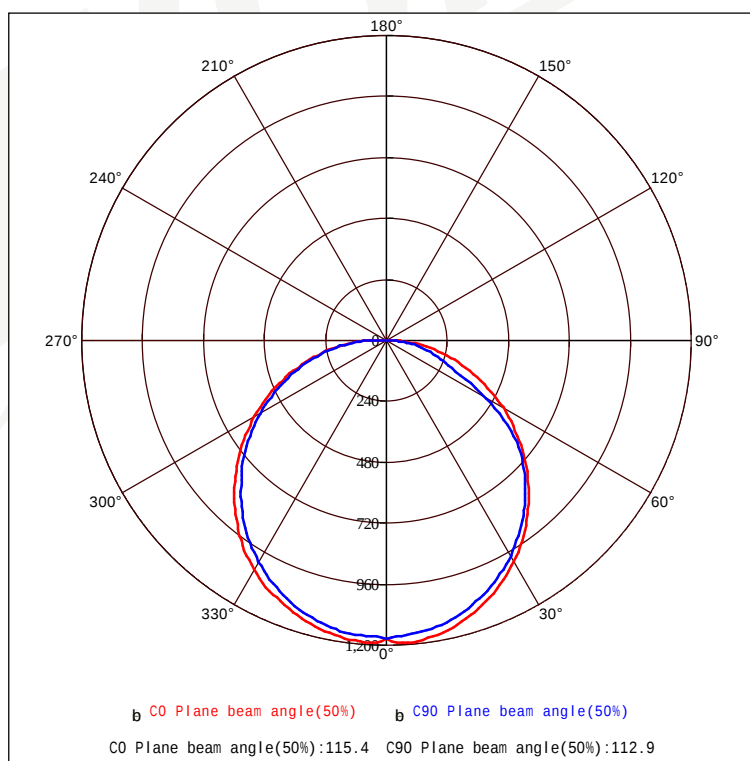


LED DOWN LIGHT

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm						
Lamp Name: LPDL-36A-Y			Lamp Type:		Weight(kg):	
Lamp ID:			Lamp Spec: LPDL-36A-Y		Shape Size:	
Manufactory: LIPER			Sur(m^2):		Protect Angle(Deg):	
Light Source Data			Photometric Data			
Model	LPDL-36A-Y		Peak Value(cd)	1196.0	Efficiency(lm/w)	100.5
Nominal P(w)		1.0	Position	0.0,3.0	UP(C0-C180)	0.0
Rated Volt(v)		1.0	Total Flux(lm)	3486.968	Down(C0-C180)	49.8
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)	50.2

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

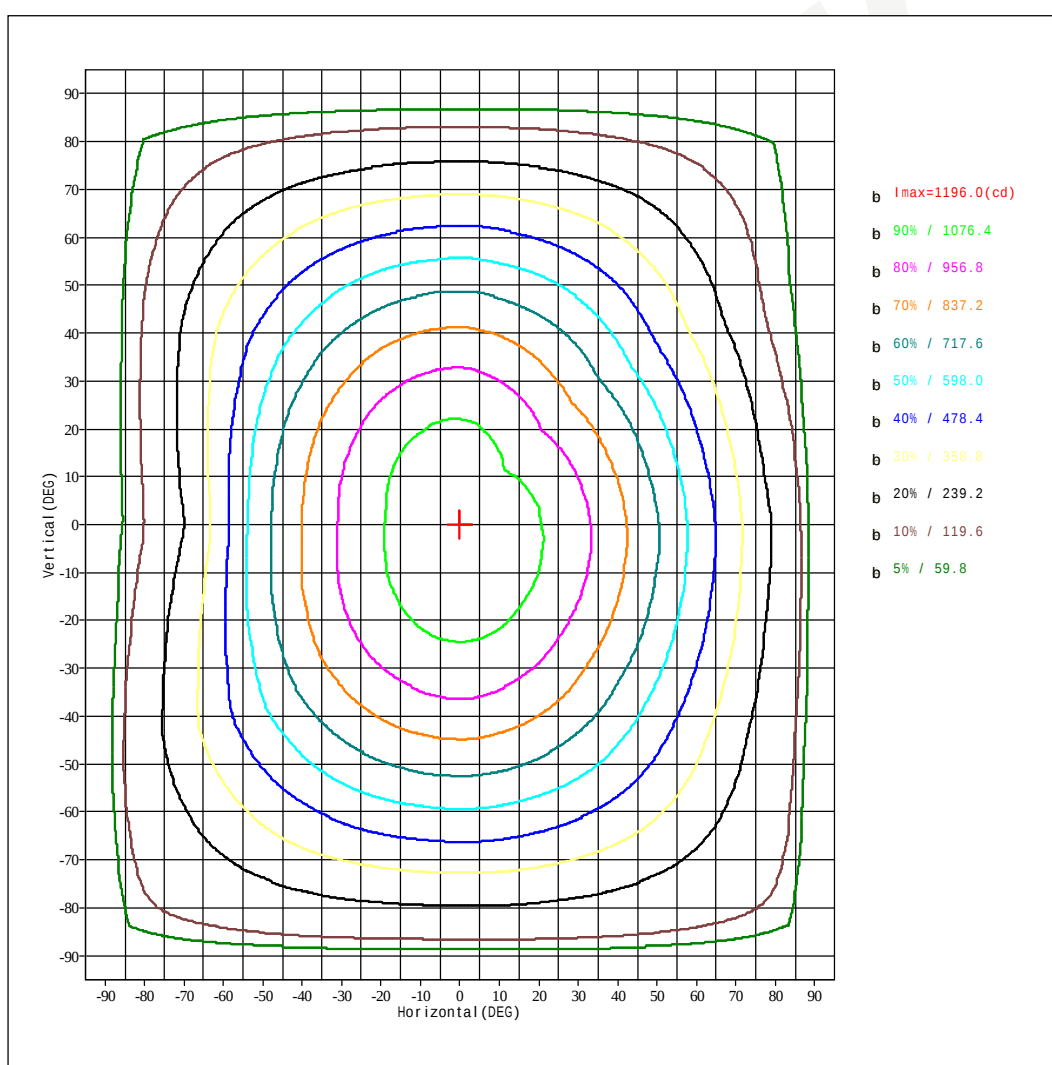
Humidity(%): 60

Date: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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

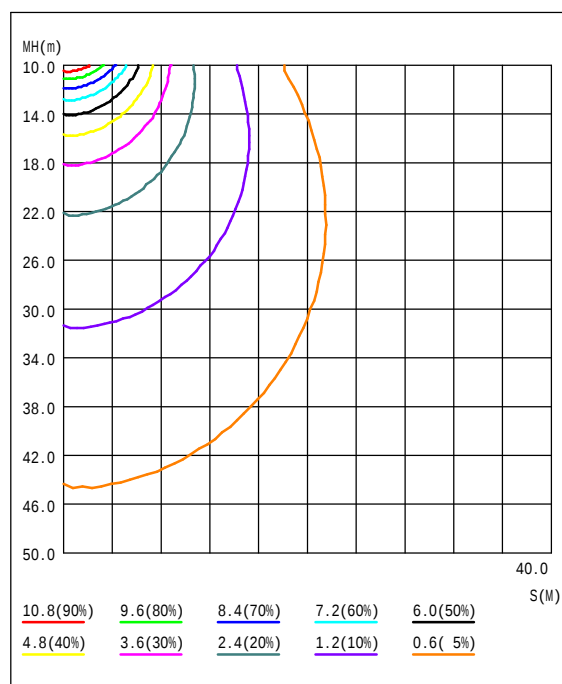
Humidity(%): 60

Date: 2021-8-11

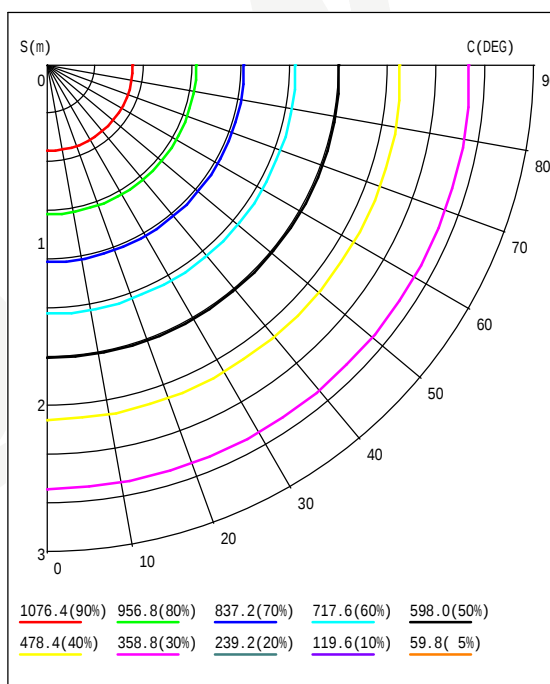
Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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: 2021-8-11

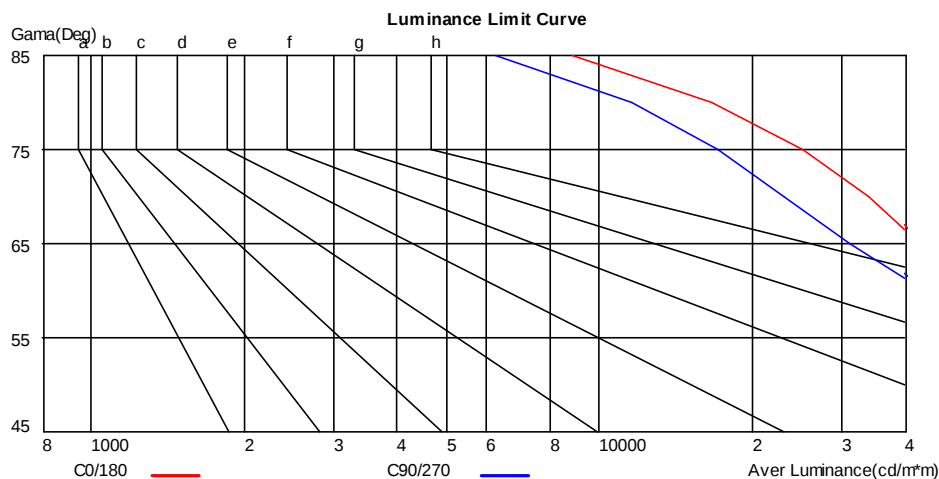
Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	Shape Size:
Manufactory: LIPER	Sur(m ²):	Protect Angle(Deg):

Luminance Limit Curve

Aver Luminance(cd/m ²)									
Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	78078.0	69725.8	61085.0	52136.5	43109.3	34027.3	25183.5	16678.8	8852.3
C90	76394.3	68278.3	56937.5	44013.3	31179.5	23087.3	17191.5	11597.3	6231.8

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

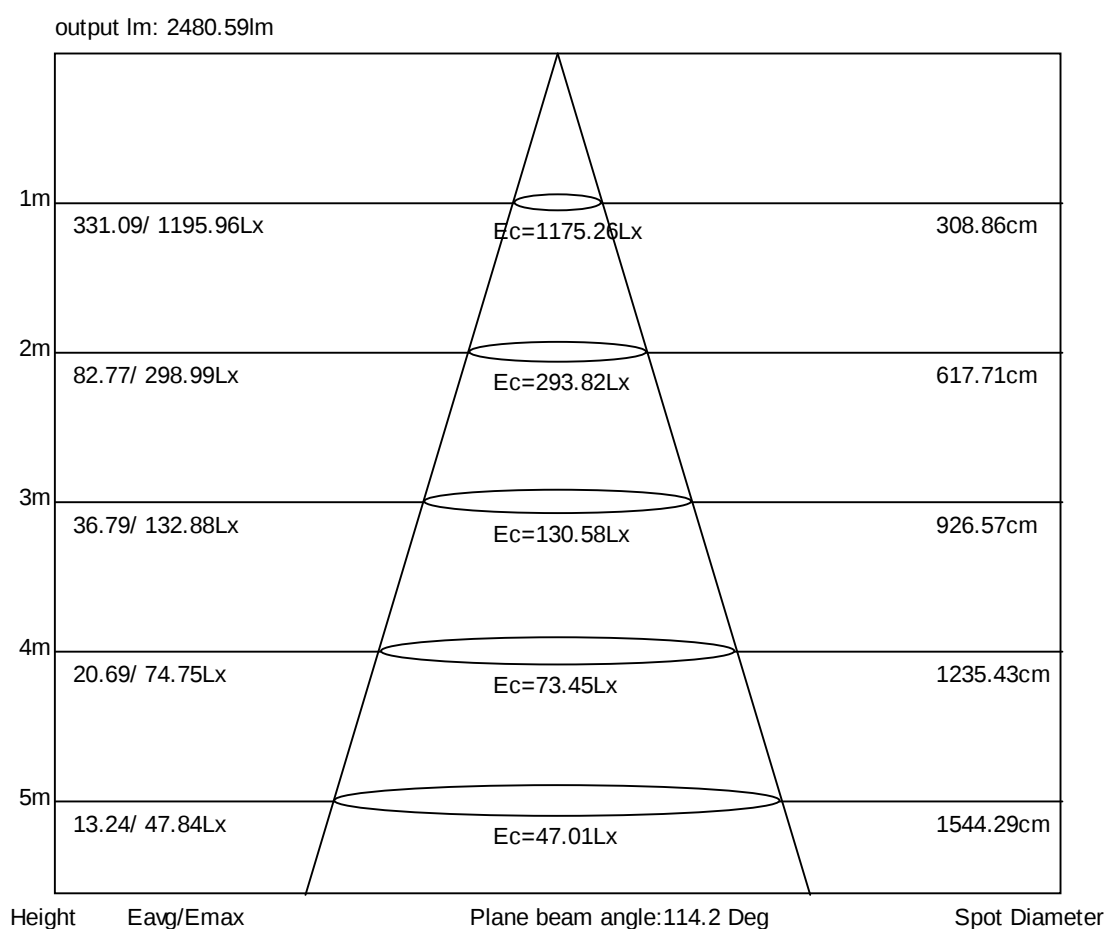
Humidity(%): 60

Date: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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

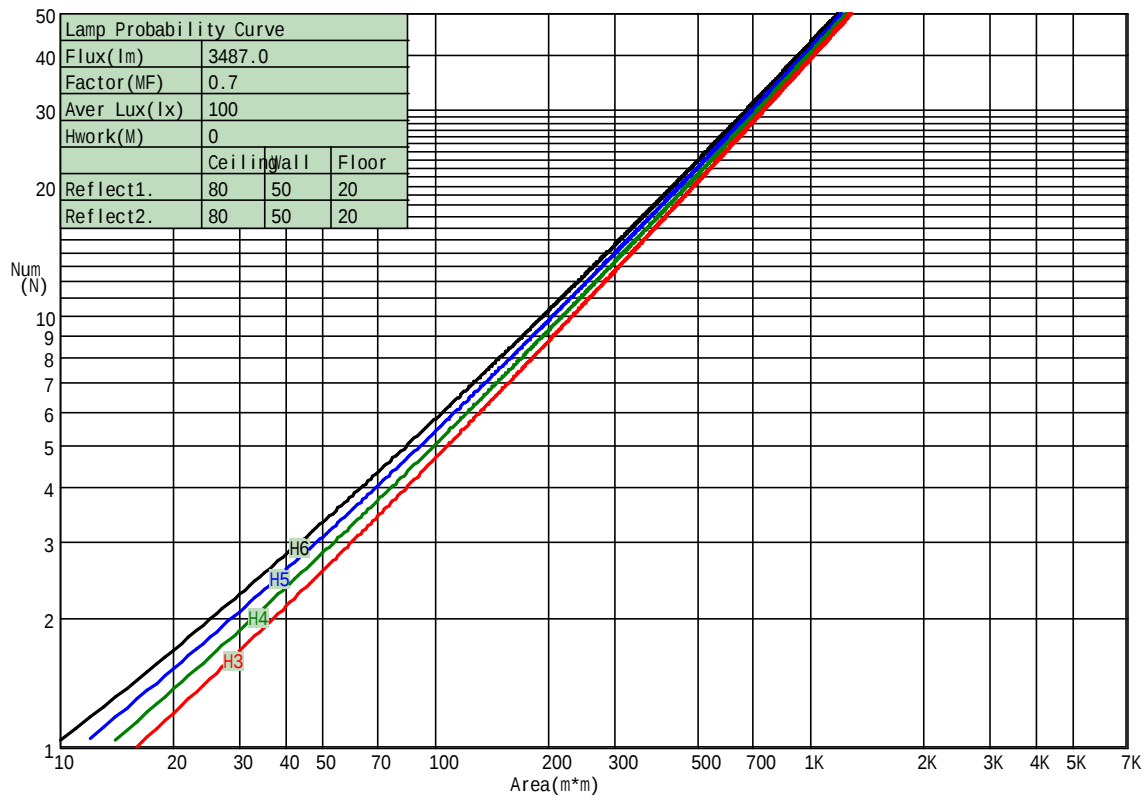
Humidity(%): 60

Date: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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	52	37	28	51	37	28	47	35	27
0.80	57	40	29	55	39	29	51	37	28
1.00	60	43	31	57	41	30	53	39	29
1.25	63	45	32	60	43	31	54	40	29
1.50	65	46	32	62	44	31	55	41	30
2.00	68	49	33	64	46	32	57	42	30
2.50	69	50	33	65	47	32	58	42	30
3.00	70	50	34	66	48	32	58	43	29
4.00	72	52	34	67	49	32	59	43	29
5.00	72	52	34	68	49	33	59	43	29

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	1.03	0.98	0.94	1	0.96	0.92	0.96	0.93	0.89	0.92	0.89	0.87	0.89	0.86	0.84
2	0.89	0.82	0.76	0.87	0.81	0.75	0.84	0.78	0.73	0.8	0.76	0.72	0.77	0.73	0.7
3	0.78	0.7	0.63	0.76	0.69	0.62	0.73	0.67	0.61	0.71	0.65	0.6	0.68	0.63	0.59
4	0.69	0.6	0.53	0.68	0.59	0.53	0.65	0.58	0.52	0.63	0.56	0.51	0.61	0.55	0.5
5	0.62	0.52	0.46	0.6	0.52	0.45	0.58	0.51	0.45	0.56	0.5	0.44	0.54	0.48	0.44
6	0.55	0.46	0.4	0.54	0.46	0.39	0.53	0.45	0.39	0.51	0.44	0.39	0.49	0.43	0.38
7	0.5	0.41	0.35	0.49	0.41	0.35	0.48	0.4	0.35	0.46	0.39	0.34	0.45	0.39	0.34
8	0.46	0.37	0.31	0.45	0.37	0.31	0.44	0.36	0.31	0.42	0.36	0.31	0.41	0.35	0.3
9	0.42	0.34	0.28	0.41	0.33	0.28	0.4	0.33	0.28	0.39	0.32	0.28	0.38	0.32	0.27
10	0.39	0.31	0.25	0.38	0.3	0.25	0.37	0.3	0.25	0.36	0.3	0.25	0.35	0.29	0.25

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: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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	0.33	0.19	0.06	0.32	0.19	0.06	0.31	0.18	0.06	0.3	0.17	0.06	0.29	0.17	0.05
2	0.3	0.17	0.05	0.3	0.16	0.05	0.29	0.16	0.05	0.28	0.15	0.05	0.27	0.15	0.05
3	0.28	0.15	0.04	0.27	0.15	0.04	0.26	0.14	0.04	0.25	0.14	0.04	0.24	0.14	0.04
4	0.26	0.13	0.04	0.25	0.13	0.04	0.24	0.13	0.04	0.23	0.12	0.04	0.22	0.12	0.04
5	0.23	0.12	0.03	0.23	0.12	0.03	0.22	0.12	0.03	0.21	0.11	0.03	0.21	0.11	0.03
6	0.22	0.11	0.03	0.21	0.11	0.03	0.21	0.11	0.03	0.2	0.1	0.03	0.19	0.1	0.03
7	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	0.09	0.03
8	0.19	0.09	0.03	0.18	0.09	0.03	0.18	0.09	0.03	0.17	0.09	0.03	0.17	0.09	0.03
9	0.18	0.09	0.02	0.17	0.08	0.02	0.17	0.08	0.02	0.16	0.08	0.02	0.16	0.08	0.02
10	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

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	0.13	0.16	0.13	0.11	0.11	0.09	0.08	0.06	0.05	0.05	0.02	0.02	0.01
2	0.17	0.13	0.1	0.15	0.11	0.08	0.1	0.08	0.06	0.06	0.05	0.03	0.02	0.01	0.01
3	0.17	0.11	0.07	0.14	0.1	0.06	0.1	0.07	0.04	0.06	0.04	0.03	0.02	0.01	0.01
4	0.16	0.1	0.06	0.14	0.09	0.05	0.09	0.06	0.04	0.05	0.04	0.02	0.02	0.01	0.01
5	0.15	0.09	0.05	0.13	0.08	0.04	0.09	0.05	0.03	0.05	0.03	0.02	0.02	0.01	0.01
6	0.14	0.08	0.04	0.12	0.07	0.03	0.09	0.05	0.02	0.05	0.03	0.01	0.02	0.01	0
7	0.14	0.08	0.03	0.12	0.07	0.03	0.08	0.05	0.02	0.05	0.03	0.01	0.02	0.01	0
8	0.13	0.07	0.03	0.11	0.06	0.02	0.08	0.04	0.02	0.05	0.03	0.01	0.01	0.01	0
9	0.12	0.06	0.02	0.11	0.06	0.02	0.07	0.04	0.02	0.04	0.02	0.01	0.01	0.01	0
10	0.12	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: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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	1191	1176	1160	1158	1190	1179	1166	1145	0-5	28	28
10	1174	1158	1142	1148	1176	1164	1153	1123	5-10	83.2	111
15	1143	1129	1114	1128	1153	1139	1129	1090	10-15	135	247
20	1104	1091	1076	1098	1120	1103	1095	1048	15-20	183	430
25	1056	1042	1028	1058	1086	1058	1052	997	20-25	224	654
30	999	985	973	1010	1036	1003	1002	938	25-30	258	912
35	934	920	909	953	980	941	942	872	30-35	283	1195
40	859	849	839	889	913	872	876	799	35-40	299	1495
45	781	772	764	819	840	798	803	721	40-45	305	1800
50	697	690	683	744	761	717	730	638	45-50	302	2102
55	611	605	569	664	678	634	648	553	50-55	289	2390
60	521	517	440	580	590	546	564	465	55-60	265	2656
65	431	429	312	493	502	459	477	378	60-65	234	2890
70	340	340	231	406	411	370	390	291	65-70	198	3087
75	252	253	172	318	321	282	304	207	70-75	159	3247
80	167	169	116	231	232	198	221	127	75-80	119	3366
85	88.5	91.1	62.3	148	148	126	142	56.9	80-85	78.8	3444
90	44.7	43.3	34	69.5	67.6	76.6	65.2	46.3	85-90	42.6	3487
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: 2021-8-11

Remark:

Measured Para U: 215.6V I: 257.0mA P: 34.70W PF: 0.626 Test LM: 3486.97lm		
Lamp Name: LPDL-36A-Y	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec: LPDL-36A-Y	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	1191	1185	1178	1171	1164	1160	1159	1161	1176	1190	1185	1181	1175	1169	1161	1152	1150	1171
10.0	1174	1167	1160	1153	1146	1144	1146	1151	1164	1176	1171	1166	1160	1155	1146	1133	1128	1152
15.0	1143	1137	1131	1124	1117	1117	1123	1131	1142	1153	1147	1140	1135	1131	1120	1103	1096	1120
20.0	1104	1098	1092	1086	1079	1081	1091	1100	1110	1120	1112	1105	1100	1097	1085	1064	1054	1079
25.0	1056	1050	1044	1038	1031	1035	1049	1061	1074	1086	1073	1061	1056	1053	1040	1015	1004	1030
30.0	999	993	987	981	975	981	998	1013	1024	1036	1021	1007	1003	1002	988	959	945	972
35.0	934	928	922	917	912	919	939	956	968	980	963	945	941	942	927	895	878	906
40.0	859	854	850	846	841	850	873	892	903	913	895	877	873	875	859	824	805	833
45.0	781	777	773	769	766	776	801	821	831	840	821	802	799	802	785	748	727	755
50.0	697	694	691	688	684	696	724	745	753	761	742	722	722	727	710	668	645	671
55.0	611	608	605	593	577	590	633	665	672	678	658	639	638	645	627	584	559	585
60.0	521	520	518	492	457	471	534	581	586	590	571	551	552	560	542	498	471	497
65.0	431	430	429	390	337	352	434	494	498	502	483	463	465	473	455	410	384	408
70.0	340	340	340	304	255	269	348	406	409	411	393	375	377	386	368	323	296	319
75.0	252	252	253	226	190	204	270	318	319	321	304	286	289	299	283	239	212	232
80.0	167	168	169	152	128	141	193	231	232	232	217	201	205	216	201	158	131	149
85.0	88.5	89.6	90.8	81.7	68.6	81.1	120	148	148	148	138	128	131	139	124	84.9	60.3	74.7
90.0	44.7	44.1	43.4	40.2	36	41.7	57.9	69.3	68.5	67.6	71.5	75.6	72.9	67.7	61.1	52.5	46.1	45.4
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: 2021-8-11

Remark: