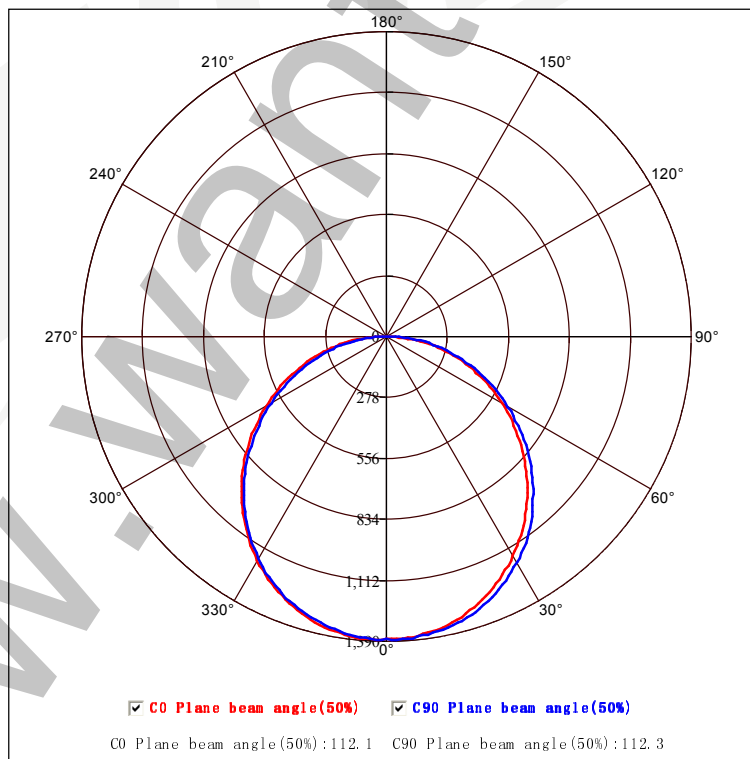


光强分布测试系统

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm					
Lamp Name:		Lamp Type:		Weight (kg):	
Lamp ID:		Lamp Spec:		Shape Size:	
Manufactory:		Sur(m <sup>2</sup> ):		Protect Angle(Deg):	
Light Source Data			Photometric Data		
Model		Peak Value(cd)	1386.9	Efficiency(lm/w)	82.5
Nominal P(w)	1.0	Position	90.0, 1.0	UP(C0-C180)	0.0
Rated Volt(v)	220.0	Total Flux(lm)	4019.074	Down(C0-C180)	50.5
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)	49.5

Planar Intensity Distribution Curve



Gama Angle Range:-90 - 90 (Deg)

Gama interval(Deg): 1

Temperature(Deg): 22

Tester: Tao

Distance(m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval(Deg): 90

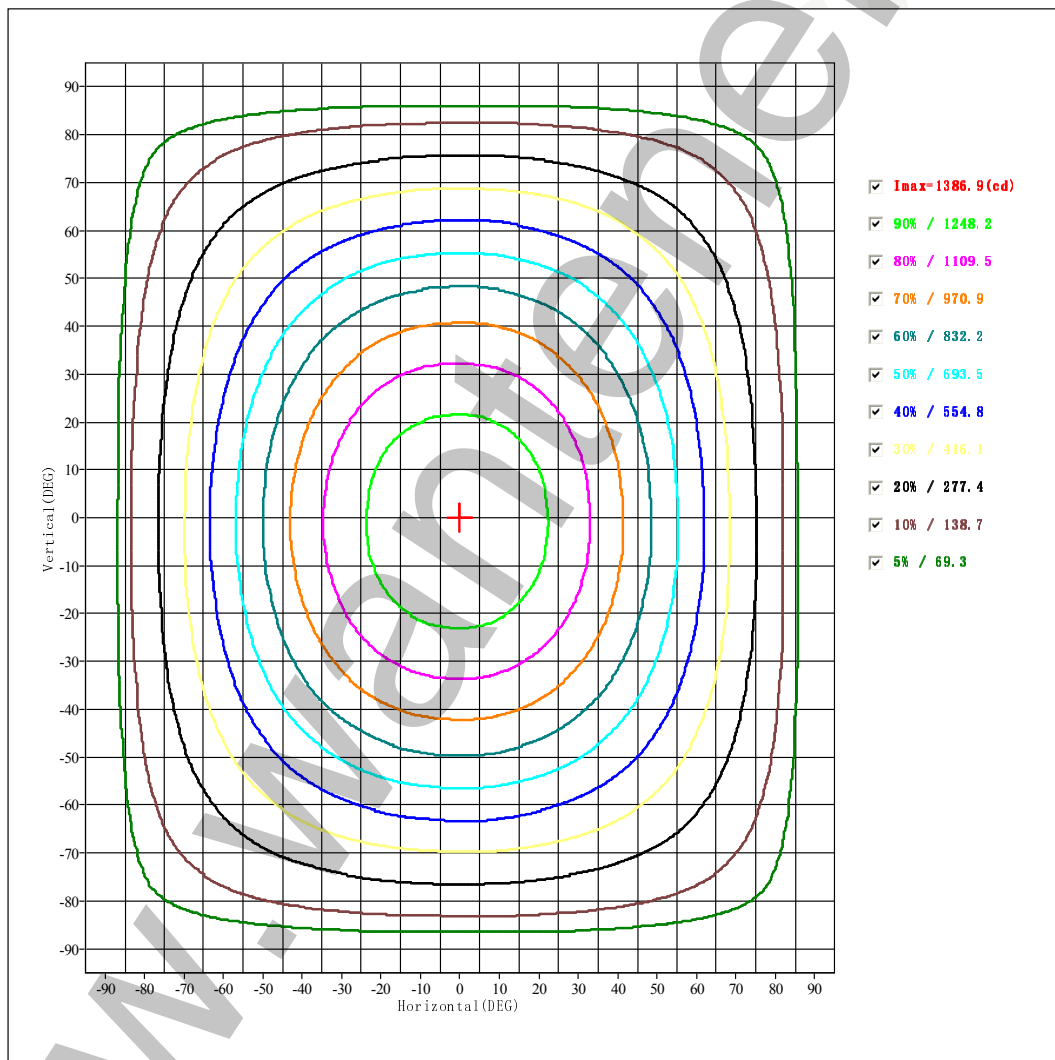
Humidity(%): 60

Date: 2018-11-6

Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Planar IsoCandela Curve



Gama Angle Range:-90 - 90 (Deg)

Gama interval(Deg): 1

Temperature(Deg): 22

Tester: Tao

Distance(m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 90

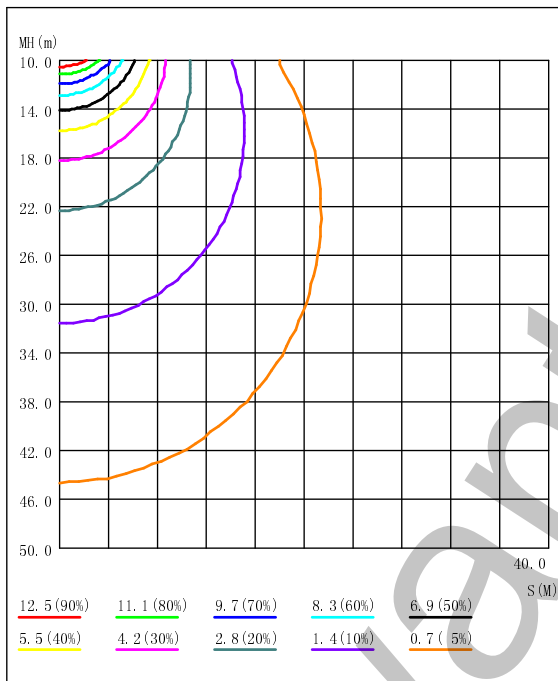
Humidity(%): 60

Date: 2018-11-6

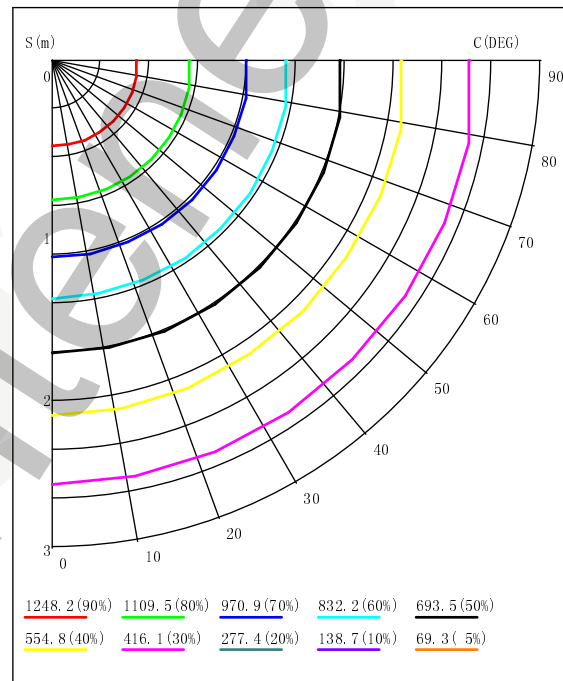
Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	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): 22

Tester: Tao

Distance (m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval (Deg): 90

Humidity (%): 60

Date: 2018-11-6

Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

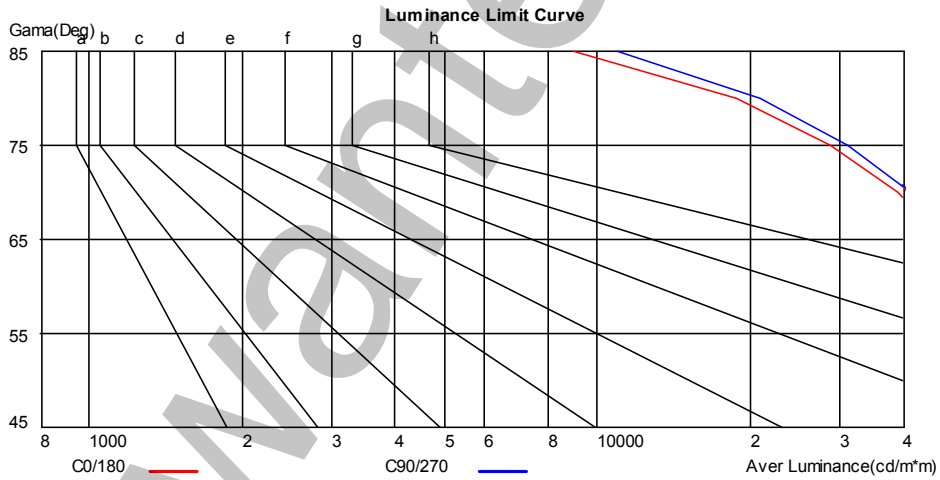
Luminance Limit Curve

Aver Luminance(cd/m<sup>2</sup>m)

Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	89322.3	79896.1	70143.3	59671.3	49448.6	39142.8	28831.1	18858.3	8975.6
C90	93548.2	83569.0	73697.4	62690.5	52182.8	41466.7	31143.3	20867.4	10973.0

Glare

Glare	Class	Illuminance(x)							
		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



Gama Angle Range:-90 - 90 (Deg)

Gama interval(Deg): 1

Temperature(Deg): 22

Tester: Tao

Distance(m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval(Deg): 90

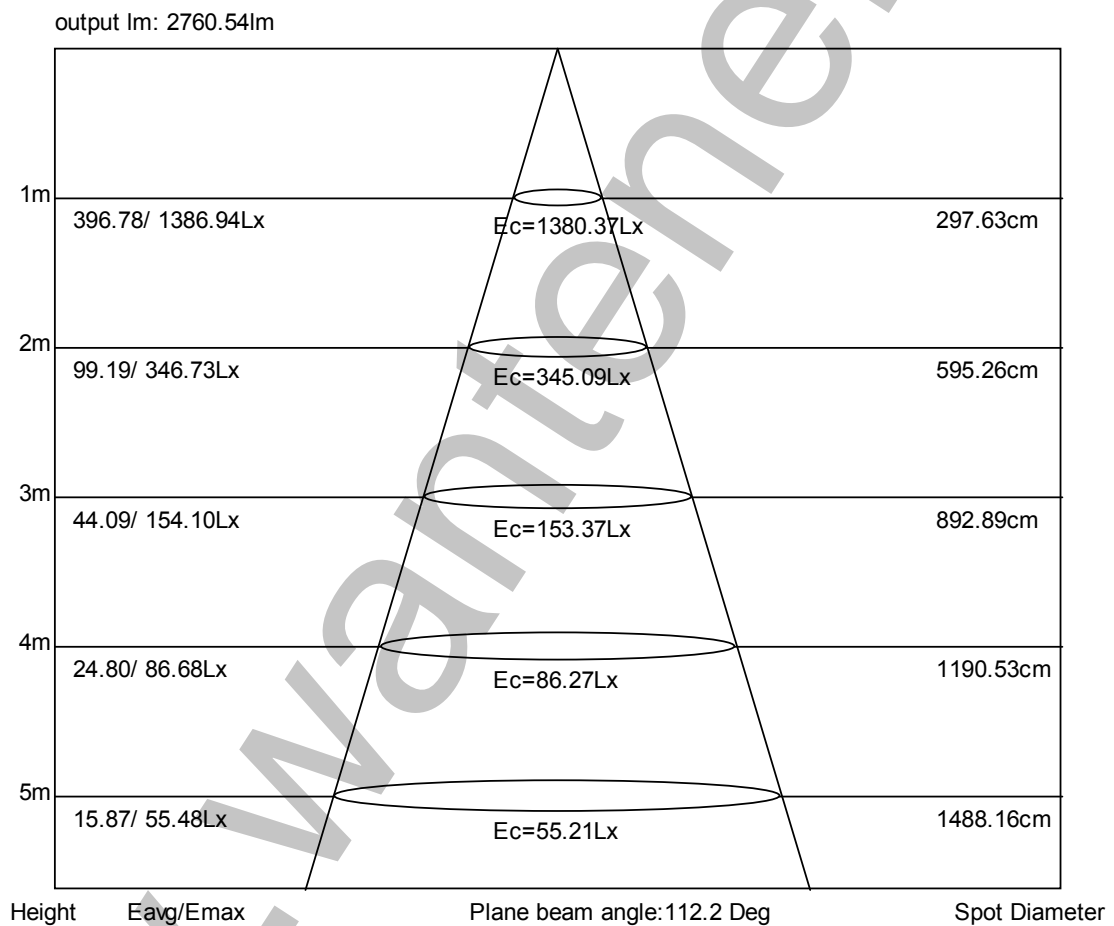
Humidity(%): 60

Date: 2018-11-6

Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Average Illumination



Gama Angle Range:-90 - 90 (Deg)

Gama interval(Deg): 1

Temperature(Deg): 22

Tester: Tao

Distance(m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 90

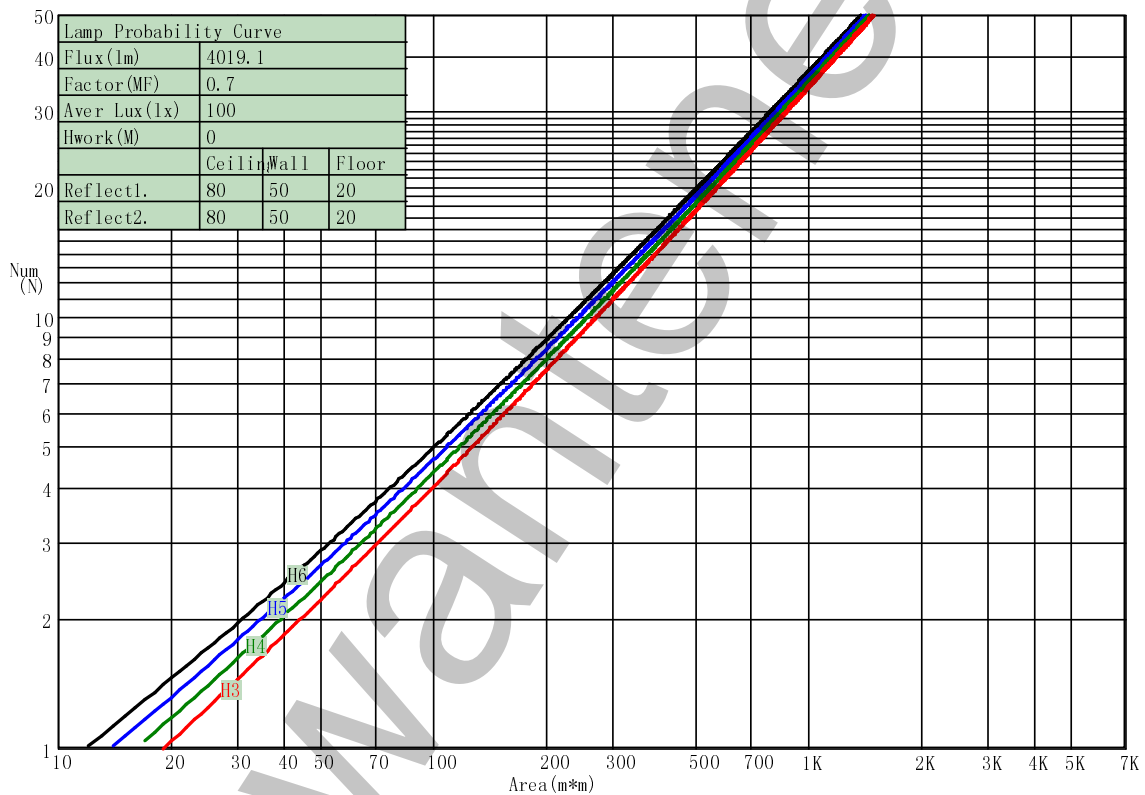
Humidity(%): 60

Date: 2018-11-6

Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Lamp Probability Curve



Gama Angle Range:-90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 90

Temperature(Deg): 22

Humidity(%): 60

Tester: Tao

Date: 2018-11-6

Distance(m): 7.65

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	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	50	36	28	47	35	27
0.80	57	40	29	54	39	29	50	37	28
1.00	60	43	31	57	41	30	53	39	29
1.25	63	45	31	60	43	31	54	40	29
1.50	65	46	32	61	44	31	55	41	29
2.00	68	48	33	64	46	32	57	42	30
2.50	69	50	33	65	47	32	57	42	30
3.00	70	50	34	66	48	32	58	43	29
4.00	72	52	34	67	49	32	58	43	29
5.00	72	52	34	68	49	32	59	43	29

CoEfficients Utilization

Ceiling(%)		0			0				0				0	
Wall(%)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Floor (%)		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	1.03	0.99	0.95	1.01	0.97	0.93	0.97	0.93	0.9	0.93	0.9	0.87	0.89	0.87
2	0.9	0.83	0.77	0.88	0.81	0.76	0.84	0.79	0.74	0.81	0.76	0.72	0.78	0.74
3	0.79	0.7	0.64	0.77	0.69	0.63	0.74	0.67	0.62	0.71	0.65	0.61	0.69	0.64
4	0.7	0.61	0.54	0.68	0.6	0.53	0.66	0.58	0.53	0.63	0.57	0.52	0.61	0.56
5	0.62	0.53	0.46	0.61	0.52	0.46	0.59	0.51	0.45	0.57	0.5	0.45	0.55	0.49
6	0.56	0.47	0.4	0.55	0.46	0.4	0.53	0.45	0.4	0.51	0.45	0.39	0.5	0.44
7	0.51	0.42	0.35	0.5	0.41	0.35	0.48	0.41	0.35	0.47	0.4	0.35	0.45	0.39
8	0.46	0.38	0.32	0.45	0.37	0.32	0.44	0.37	0.31	0.43	0.36	0.31	0.42	0.36
9	0.42	0.34	0.28	0.42	0.34	0.28	0.41	0.33	0.28	0.4	0.33	0.28	0.38	0.32
10	0.39	0.31	0.26	0.39	0.31	0.26	0.38	0.3	0.26	0.37	0.3	0.25	0.36	0.3

Gama Angle Range:-90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 90

Temperature(Deg): 22

Humidity(%): 60

Tester: Tao

Date: 2018-11-6

Distance(m): 7.65

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight (kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	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
Floor (%)		0			0			0			0			0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0.32	0.18	0.06	0.31	0.18	0.06	0.3	0.17	0.06	0.29	0.17	0.05	0.28	0.16
2	0.3	0.16	0.05	0.29	0.16	0.05	0.28	0.16	0.05	0.27	0.15	0.05	0.26	0.15
3	0.28	0.15	0.04	0.27	0.14	0.04	0.26	0.14	0.04	0.25	0.14	0.04	0.24	0.13
4	0.25	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
5	0.23	0.12	0.03	0.23	0.12	0.03	0.22	0.11	0.03	0.21	0.11	0.03	0.21	0.11
6	0.22	0.11	0.03	0.21	0.11	0.03	0.2	0.1	0.03	0.2	0.1	0.03	0.19	0.1
7	0.2	0.1	0.03	0.2	0.1	0.03	0.19	0.1	0.03	0.18	0.09	0.03	0.18	0.09
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
9	0.18	0.08	0.02	0.17	0.08	0.02	0.17	0.08	0.02	0.16	0.08	0.02	0.16	0.08
10	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	0.07

**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
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
1	0.18	0.16	0.13	0.15	0.13	0.11	0.11	0.09	0.08	0.06	0.05	0.05	0.02	0.02
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
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
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
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
6	0.14	0.08	0.04	0.12	0.07	0.03	0.08	0.05	0.02	0.05	0.03	0.01	0.02	0.01
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
8	0.13	0.07	0.03	0.11	0.06	0.02	0.08	0.04	0.02	0.04	0.03	0.01	0.01	0.01
9	0.12	0.06	0.03	0.11	0.06	0.02	0.07	0.04	0.02	0.04	0.02	0.01	0.01	0.01
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

Gama Angle Range:-90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 90

Temperature(Deg): 22

Humidity(%): 60

Tester: Tao

Date: 2018-11-6

Distance(m): 7.65

Remark:

Test System: ZWL Goniophotometer System V3.0



Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg):

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	1376	1378	1380	1380	1381	1380	1380	1378	0-5	33	33
10	1353	1357	1362	1363	1364	1359	1354	1353	5-10	97.8	131
15	1320	1330	1339	1334	1328	1326	1323	1321	10-15	159	290
20	1268	1282	1295	1293	1292	1288	1285	1276	15-20	215	506
25	1218	1231	1245	1240	1236	1230	1225	1221	20-25	264	769
30	1148	1166	1184	1178	1171	1166	1161	1154	25-30	303	1073
35	1070	1090	1109	1104	1099	1091	1084	1077	30-35	332	1405
40	987	1009	1031	1020	1010	1003	996	992	35-40	350	1755
45	893	914	935	930	924	916	907	900	40-45	356	2110
50	799	817	836	831	826	815	804	802	45-50	350	2460
55	701	719	737	732	727	714	701	701	50-55	333	2793
60	597	612	627	625	623	608	594	595	55-60	306	3100
65	494	508	522	520	518	504	490	492	60-65	271	3371
70	391	403	415	414	413	398	383	387	65-70	229	3600
75	288	300	311	309	306	293	280	284	70-75	182	3782
80	189	199	209	206	204	192	180	184	75-80	132	3914
85	89.8	99.7	110	107	104	92.4	80.3	85	80-85	79.1	3993
90	4.06	6.36	8.66	5.69	2.73	1.86	0.99	2.53	85-90	26	4019
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): 22

Tester: Tao

Distance(m): 7.65

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 90

Humidity(%): 60

Date: 2018-11-6

Remark:

Measured Para U: 220.7V I: 227.0mA P: 48.71W PF: 0.969 Test LM: 4019.07lm		
Lamp Name:	Lamp Type:	Weight(kg):
Lamp ID:	Lamp Spec:	Shape Size:
Manufactory:	Sur(m <sup>2</sup> ):	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	1376	1377	1378	1378	1379	1380	1380	1381	1381	1381	1381	1381	1380	1380	1379	1378	1377	1377
10.0	1353	1355	1357	1359	1361	1362	1363	1363	1363	1364	1361	1359	1357	1355	1354	1353	1353	1353
15.0	1320	1324	1329	1333	1337	1338	1336	1333	1331	1328	1327	1326	1325	1324	1323	1322	1321	1321
20.0	1268	1274	1280	1286	1292	1295	1294	1293	1292	1292	1290	1289	1287	1285	1283	1279	1275	1272
25.0	1218	1224	1230	1236	1242	1244	1242	1240	1238	1236	1233	1231	1228	1226	1224	1222	1221	1219
30.0	1148	1156	1164	1172	1180	1183	1180	1177	1174	1171	1169	1166	1164	1162	1159	1156	1154	1151
35.0	1070	1079	1088	1096	1105	1108	1106	1103	1101	1099	1095	1092	1089	1085	1082	1079	1076	1073
40.0	987	997	1007	1016	1026	1029	1024	1019	1014	1010	1007	1004	1001	998	995	993	991	989
45.0	893	902	912	921	931	934	932	929	927	924	921	917	913	909	906	903	899	896
50.0	799	807	815	823	832	835	833	831	828	826	822	817	812	807	804	803	801	800
55.0	701	709	717	725	733	736	734	731	729	727	721	715	709	704	701	701	701	701
60.0	597	603	610	617	624	626	626	625	624	623	616	610	604	597	594	595	595	596
65.0	494	500	507	513	519	521	521	520	519	518	512	506	500	494	491	492	493	494
70.0	391	397	402	407	412	415	414	414	414	413	407	400	393	386	384	386	388	390
75.0	288	293	299	304	309	311	310	308	307	306	300	294	289	283	281	283	285	286
80.0	189	193	198	202	206	208	207	206	205	204	199	193	188	183	181	183	185	187
85.0	89.8	94.1	98.7	103	108	109	108	107	106	104	99.1	93.7	88.4	82.9	81.3	83.5	85.5	87.7
90.0	4.06	5.07	6.11	7.11	8.15	8.01	6.66	5.37	4.02	2.73	2.35	1.95	1.57	1.18	1.33	2.02	2.69	3.39
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): 90

Temperature(Deg): 22

Humidity(%): 60

Tester: Tao

Date: 2018-11-6

Distance(m): 7.65

Remark:

Test System: ZWL Goniophotometer System V3.0