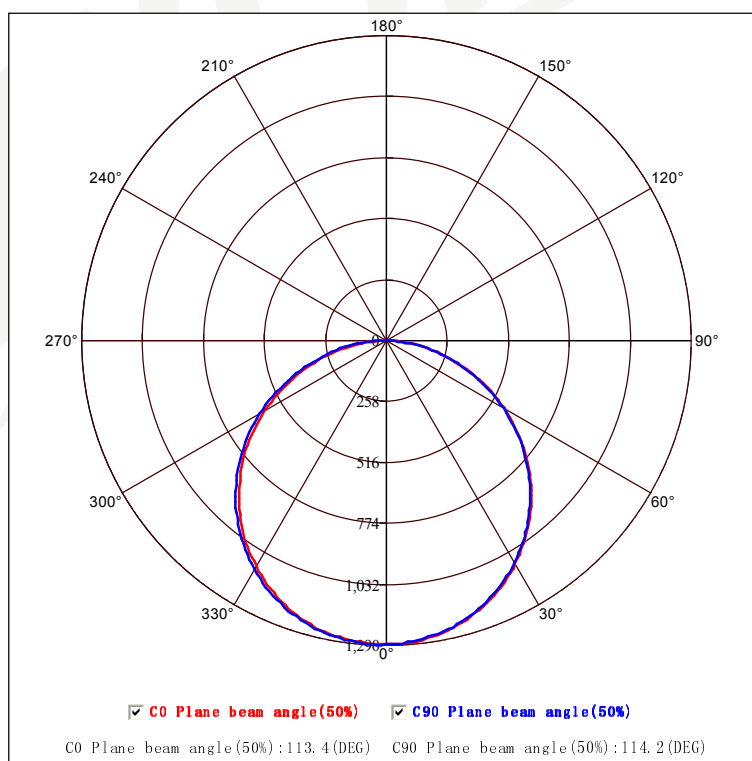


## 光强分布测试系统

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm					
Lamp Name: F8028-40W-4000K		Lamp Type: 嵌入式		Weight (kg):	
Lamp ID: 002		Lamp Spec:		Shape Size: 595-595	
Manufactory:		Sur(m <sup>2</sup> ):		Protect Angle(Deg): 120	
Light Source Data			Photometric Data		
Model		Peak Value(cd)	1290.6	Efficiency(lm/w)	0.0
Nominal P(w)	1.0	Position	225.0, 1.0	UP(C0-C180)	0.0
Rated Volt(v)	220.0	Total Flux(lm)	3750.718	Down(C0-C180)	49.6
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)	50.4

## Planar Intensity Distribution Curve



Gama Angle Range:-90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 20

Tester: w

Distance(m): 7.650

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

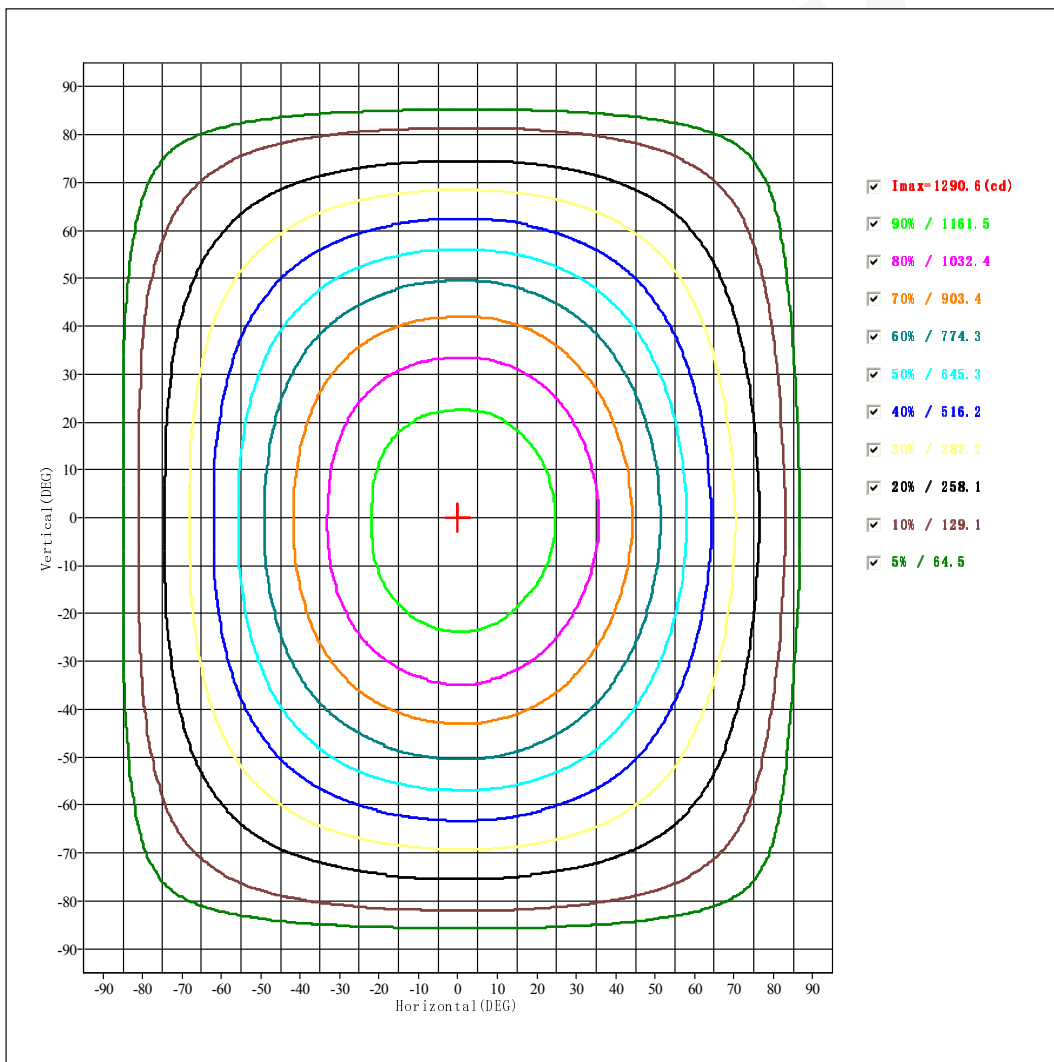
Humidity(%): 60

Date: 2020-7-4

Remark:

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Planar IsoCandela Curve



Gama Angle Range:-90 - 90 (Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 45

Temperature(Deg): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

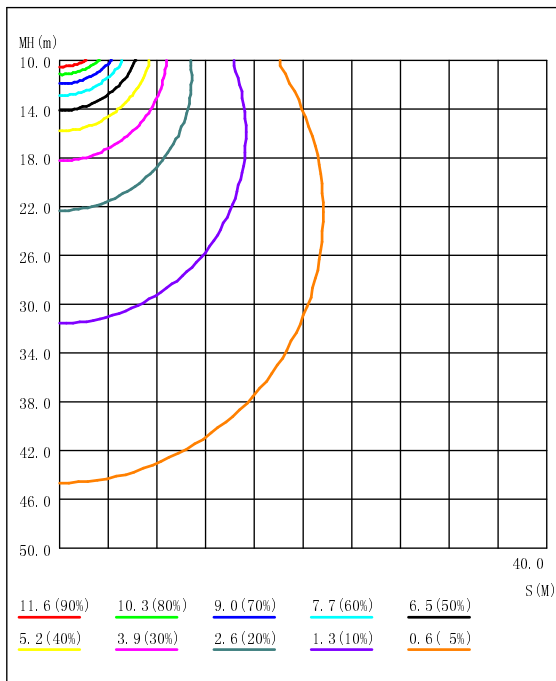
Distance(m): 7.650

Remark:

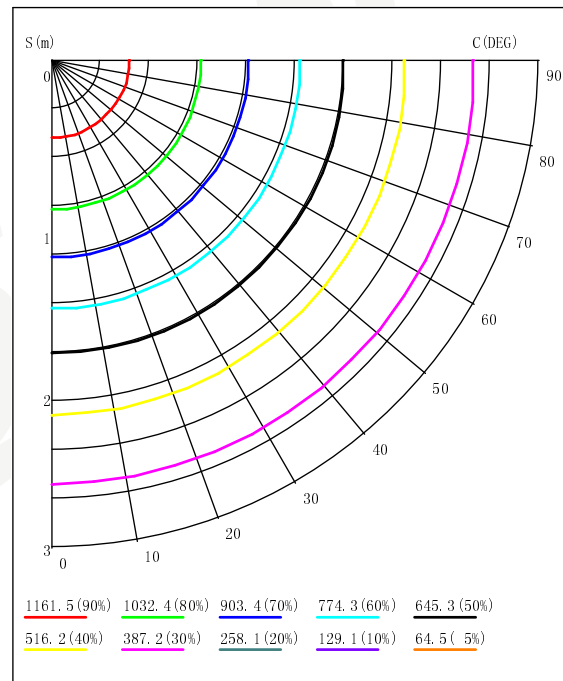
Test System: ZWL Goniophotometer System V3.0

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Spacial ISOLUX Curve



Planar ISOLUX Curve



Gama Angle Range:-90 - 90 (Deg)

Gama interval (Deg): 1

Temperature (Deg): 20

Tester: w

Distance (m): 7.650

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180 (Deg)

C interval (Deg): 45

Humidity (%): 60

Date: 2020-7-4

Remark:

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Luminance Limit Curve

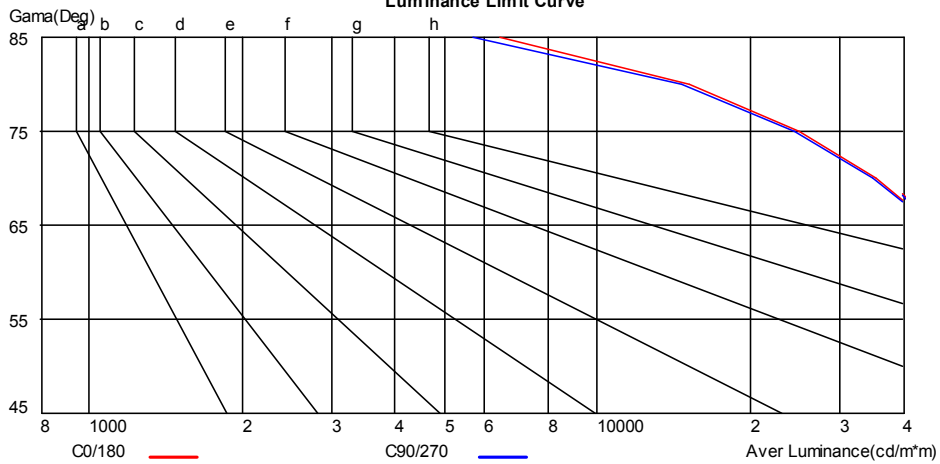
Aver Luminance(cd/m<sup>2</sup>m)

Gm(Deg)	45	50	55	60	65	70	75	80	85
C0	85648.8	76813.7	66538.9	56580.1	46013.9	35447.7	25024.2	15228.1	6434.0
C90	84562.7	75889.1	66117.0	55910.1	45511.2	34882.9	24540.2	14707.9	5697.2

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

Luminance Limit Curve



Gama Angle Range:-90 - 90 (Deg)

C Angle Range:0 - 180 (Deg)

Gama interval(Deg): 1

C interval(Deg): 45

Temperature(Deg): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

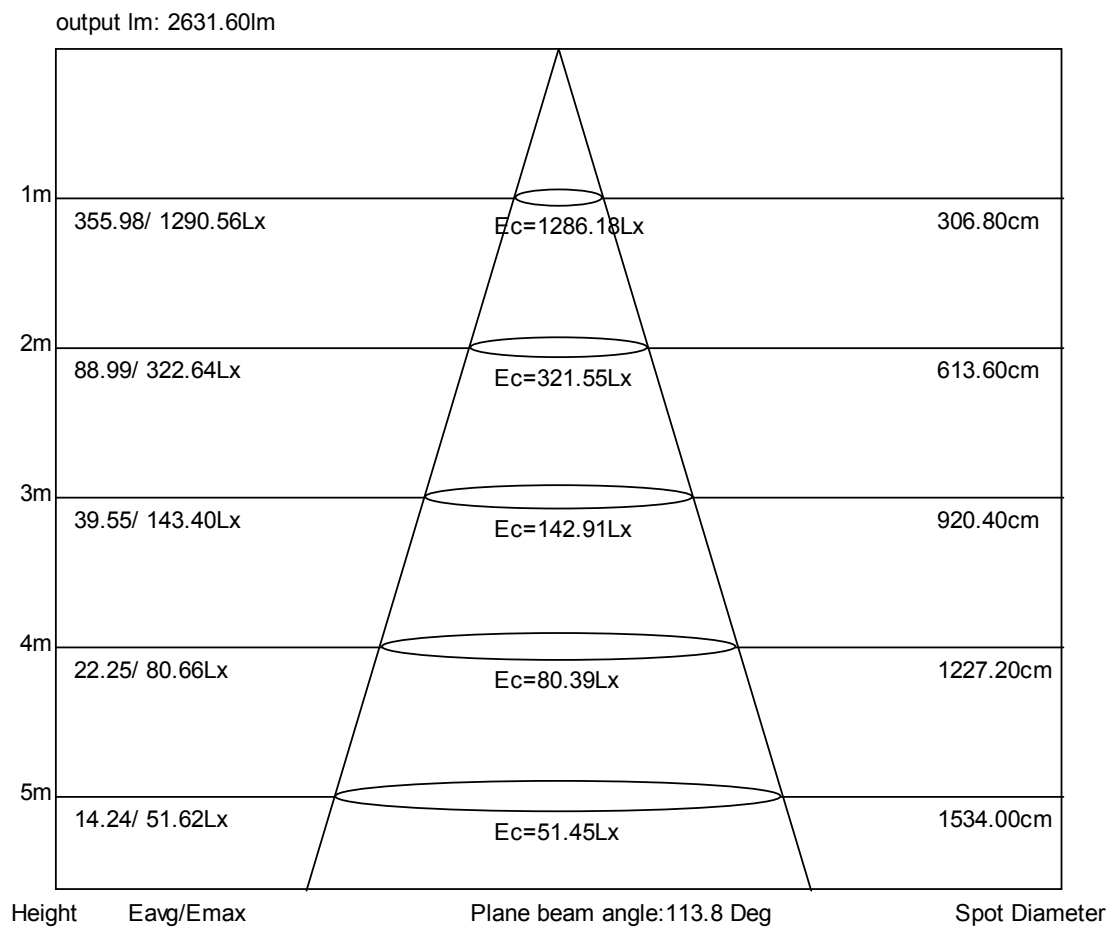
Distance(m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Average Illumination



Gama Angle Range:-90 - 90 (Deg)

Gama interval(Deg): 1

Temperature(Deg): 20

Tester: w

Distance(m): 7.650

Test System: ZWL Goniophotometer System V3.0

C Angle Range:0 - 180(Deg)

C interval(Deg): 45

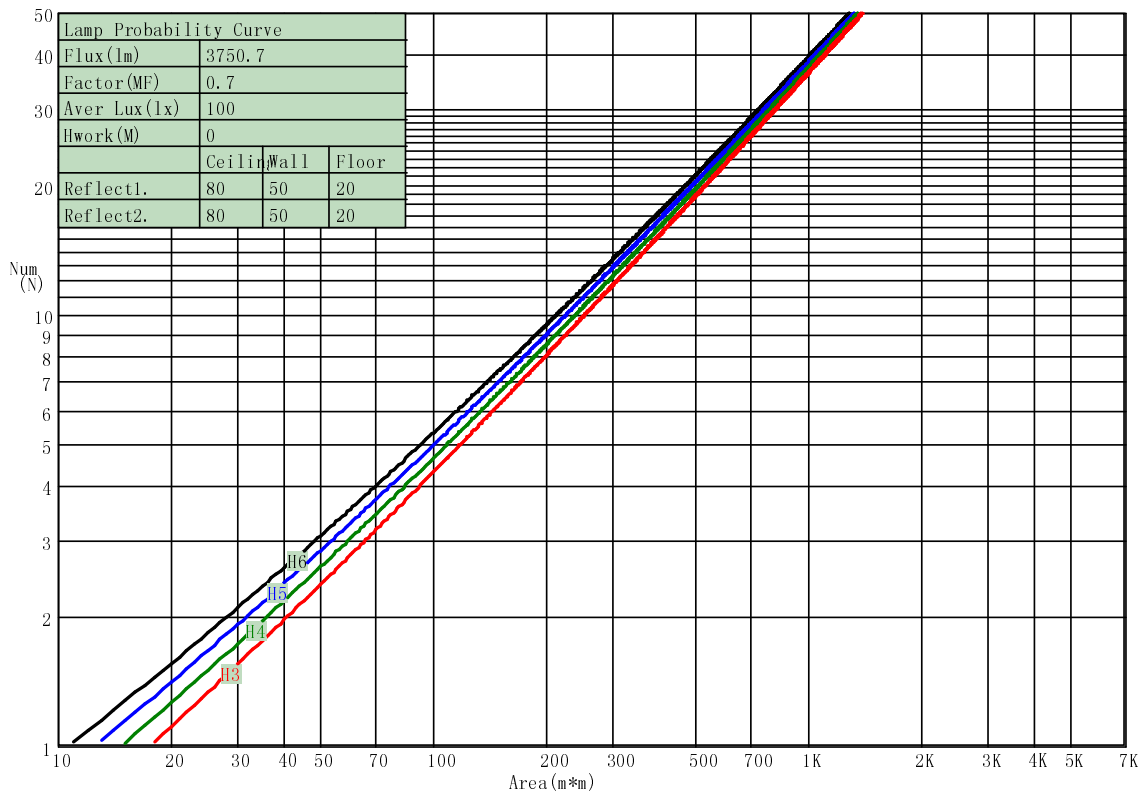
Humidity(%): 60

Date: 2020-7-4

Remark:

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Lamp Probability Curve



Gama Angle Range:-90 - 90(Deg)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 45

Temperature(Deg): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

Distance(m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

**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	48	35	27
0.80	57	40	30	55	39	29	51	38	28
1.00	60	43	31	58	42	30	53	39	29
1.25	63	45	32	60	43	31	54	40	29
1.50	65	46	32	62	45	31	56	41	30
2.00	68	49	33	64	46	32	57	42	30
2.50	69	49	33	65	47	32	57	42	30
3.00	70	50	34	66	48	32	58	43	29
4.00	71	51	34	67	48	32	58	43	29
5.00	72	52	34	68	49	32	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	1.04	0.99	0.95	1.01	0.97	0.94	0.97	0.94	0.91	0.93	0.9	0.88	0.89	0.87	0.85
2	0.9	0.83	0.77	0.88	0.82	0.76	0.85	0.79	0.74	0.81	0.77	0.73	0.78	0.74	0.71
3	0.79	0.71	0.64	0.77	0.7	0.63	0.74	0.68	0.62	0.72	0.66	0.61	0.69	0.64	0.6
4	0.7	0.61	0.54	0.68	0.6	0.54	0.66	0.59	0.53	0.64	0.57	0.52	0.61	0.56	0.51
5	0.62	0.53	0.46	0.61	0.53	0.46	0.59	0.51	0.46	0.57	0.5	0.45	0.55	0.49	0.45
6	0.56	0.47	0.4	0.55	0.46	0.4	0.53	0.46	0.4	0.52	0.45	0.4	0.5	0.44	0.39
7	0.51	0.42	0.36	0.5	0.41	0.36	0.48	0.41	0.35	0.47	0.4	0.35	0.46	0.39	0.35
8	0.46	0.38	0.32	0.46	0.37	0.32	0.44	0.37	0.31	0.43	0.36	0.31	0.42	0.36	0.31
9	0.42	0.34	0.29	0.42	0.34	0.28	0.41	0.33	0.28	0.4	0.33	0.28	0.39	0.32	0.28
10	0.39	0.31	0.26	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.3	0.26	0.36	0.3	0.25

Gama Angle Range:-90 - 90 (Deg)

C Angle Range:0 - 180 (Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature (Deg): 20

Humidity (%): 60

Tester: w

Date: 2020-7-4

Distance (m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight (kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

### 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	0.32	0.18	0.06	0.31	0.18	0.06	0.3	0.17	0.05	0.28	0.16	0.05	0.27	0.16	0.05
2	0.3	0.16	0.05	0.29	0.16	0.05	0.28	0.15	0.05	0.27	0.15	0.05	0.26	0.15	0.05
3	0.27	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	0.04
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	0.04
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	0.2	0.11	0.03
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	0.03
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	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	0.17	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	0.02
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	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	0.15	0.13	0.12	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	0.08	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	0.04	0.03	0.01	0.01	0.01	0
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	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)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 45

Temperature(Deg): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

Distance(m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0



Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight(kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

Ring-shaped Flux Data Table

Gm\C(Deg)	0	45	90	135	180	225	270	315	Range	Ring	T(lm)
5	1280	1279	1276	1283	1279	1282	1284	1279	0-5	30.7	30.7
10	1264	1260	1259	1262	1271	1267	1272	1269	5-10	91	122
15	1231	1236	1229	1236	1241	1235	1242	1235	10-15	148	270
20	1193	1198	1188	1195	1203	1206	1215	1201	15-20	201	471
25	1148	1148	1138	1153	1157	1153	1166	1153	20-25	246	717
30	1081	1090	1077	1089	1095	1095	1110	1092	25-30	284	1001
35	1018	1022	1009	1023	1034	1029	1048	1032	30-35	312	1313
40	940	951	935	949	957	955	975	952	35-40	330	1643
45	856	863	846	864	871	871	894	870	40-45	337	1980
50	768	776	759	778	784	777	803	779	45-50	332	2312
55	665	681	661	679	687	686	713	683	50-55	317	2630
60	566	579	559	577	585	581	609	581	55-60	292	2921
65	460	475	455	475	478	475	504	474	60-65	256	3177
70	354	369	349	367	373	368	397	370	65-70	213	3391
75	250	266	245	262	266	259	289	263	70-75	165	3555
80	152	168	147	164	167	161	188	163	75-80	114	3669
85	64.3	76.5	57	72.9	75.1	67.4	93	70.9	80-85	63.6	3733
90	1.5	0.74	0.08	0.32	1	2.31	7.09	4.43	85-90	18	3751
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)

C Angle Range:0 - 180(Deg)

Gama interval(Deg): 1

C interval(Deg): 45

Temperature(Deg): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

Distance(m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0

Measured Para U: 0.0V I: 0.0mA P: 0.00W PF: 0.000 Test LM: 3750.72lm		
Lamp Name: F8028-40W-4000K	Lamp Type: 嵌入式	Weight(kg):
Lamp ID: 002	Lamp Spec:	Shape Size: 595-595
Manufactory:	Sur(m <sup>2</sup> ):	Protect Angle(Deg): 120

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	1280	1279	1279	1278	1277	1277	1280	1282	1281	1279	1280	1282	1283	1284	1283	1280	1279	1279
10.0	1264	1262	1260	1259	1259	1259	1261	1263	1267	1271	1269	1268	1269	1271	1271	1270	1268	1266
15.0	1231	1233	1235	1233	1230	1230	1233	1236	1238	1241	1238	1235	1237	1240	1240	1237	1234	1233
20.0	1193	1195	1198	1195	1191	1190	1193	1196	1200	1203	1204	1205	1209	1213	1212	1206	1200	1197
25.0	1148	1148	1148	1145	1140	1141	1148	1153	1156	1157	1156	1154	1157	1163	1163	1157	1153	1150
30.0	1081	1085	1089	1086	1080	1079	1085	1089	1092	1095	1095	1095	1100	1107	1106	1098	1090	1086
35.0	1018	1020	1022	1018	1012	1012	1019	1025	1029	1034	1032	1030	1036	1044	1045	1037	1030	1024
40.0	940	945	950	946	939	938	944	950	953	957	956	955	961	971	970	960	950	945
45.0	856	859	862	857	849	850	858	865	868	871	871	871	879	889	889	878	868	862
50.0	768	772	775	770	763	763	771	778	781	784	781	778	786	797	797	786	777	773
55.0	665	672	679	674	665	665	673	680	683	687	686	686	694	707	706	693	681	673
60.0	566	572	578	573	564	563	571	578	581	585	583	581	590	603	603	590	580	573
65.0	460	467	473	468	459	459	468	475	476	478	476	475	484	498	498	484	473	466
70.0	354	361	368	363	353	353	361	368	371	373	371	369	378	390	391	379	369	361
75.0	250	257	264	259	250	249	257	262	264	266	263	260	269	283	283	272	262	256
80.0	152	159	166	161	152	151	158	164	166	167	164	161	170	182	183	171	162	157
85.0	64.3	69.6	75.1	70.1	61.2	60.5	67.7	73.1	74.2	75.1	71.7	68.2	75.8	87.4	88.2	78.2	70.2	67.2
90.0	1.5	1.17	0.83	0.53	0.23	0.13	0.24	0.4	0.7	1	1.57	2.16	3.87	6.04	6.51	5.3	4.11	2.78
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): 20

Humidity(%): 60

Tester: w

Date: 2020-7-4

Distance(m): 7.650

Remark:

Test System: ZWL Goniophotometer System V3.0