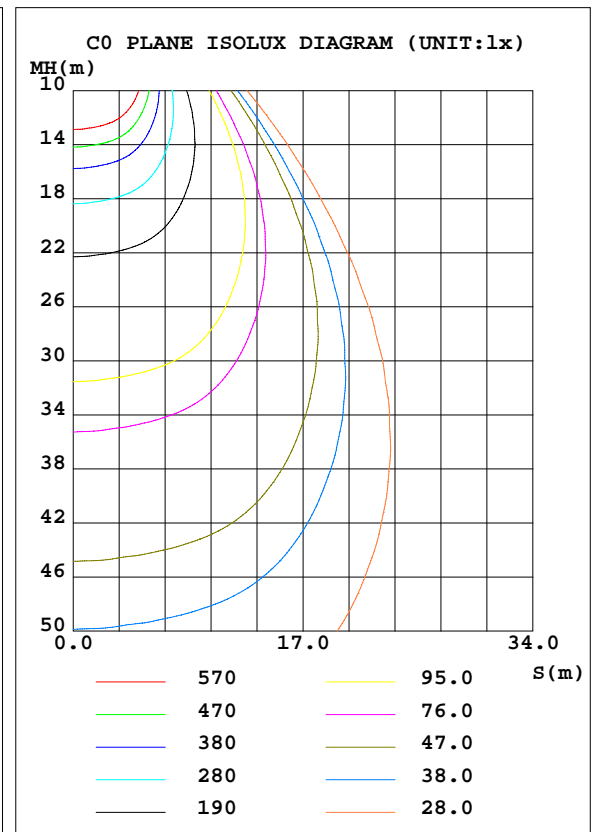
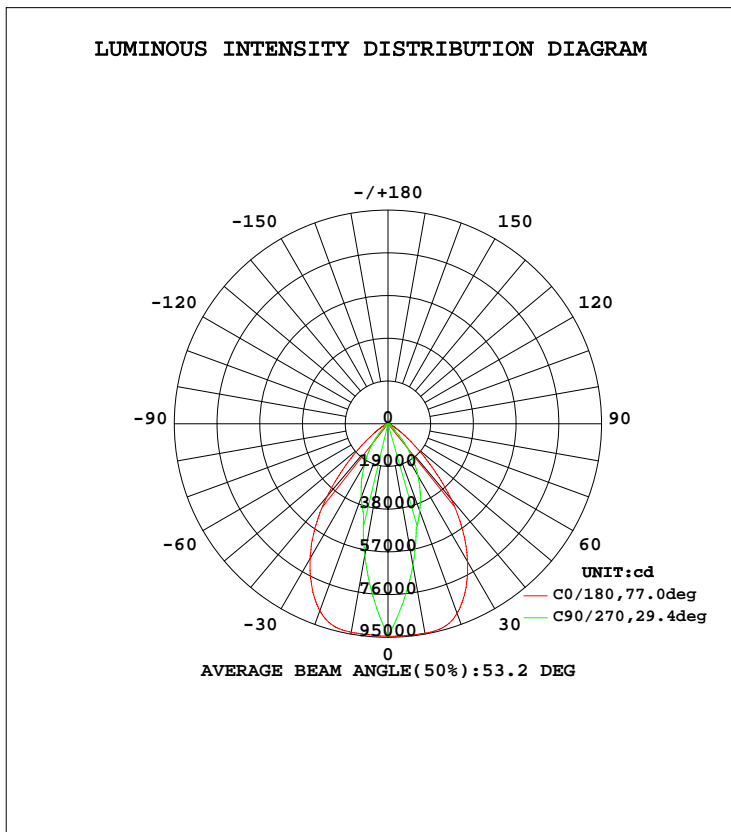


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.13 lm/W			
MODEL	3030 6000K	I _{max} (cd)	94645	S/MH(C0/180)	1.12
NOMINAL POWER(W)	1000	LOR(%)	100.0	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	81209	η UP, DN(C0-180)	0.0, 47.0
NOMINAL FLUX(lm)	81209	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 53.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	9416	8202	7698	8215	9452	8375	7923	8359	0- 5	2093	2093	2.58,2.58
10	9416	6967	5944	6973	9461	7298	6394	7277	5- 10	5596	7689	9.47,9.47
15	9314	5753	4191	5752	9391	6249	4866	6221	10- 15	8073	15762	19.4,19.4
20	8851	4540	3488	4522	8975	5199	4133	5168	15- 20	9652	25414	31.3,31.3
25	8006	3835	2785	3838	8166	4526	3401	4473	20- 25	10602	36016	44.4,44.4
30	6939	3126	2082	3139	7082	3792	2669	3735	25- 30	10731	46747	57.6,57.6
35	5672	2340	1488	2356	5799	2955	1926	2906	30- 35	10011	56758	69.9,69.9
40	4229	1571	893.2	1576	4365	2095	1183	2061	35- 40	8514	65272	80.4,80.4
45	2752	1048	298.7	1053	2879	1407	440.1	1385	40- 45	6374	71645	88.2,88.2
50	1589	590.0	219.8	593.8	1672	803.4	321.5	791.5	45- 50	4099	75744	93.3,93.3
55	844.6	214.0	141.0	218.4	874.7	306.2	202.8	302.5	50- 55	2469	78213	96.3,96.3
60	435.3	145.7	62.18	149.8	450.0	204.5	84.20	202.0	55- 60	1407	79620	98,98
65	217.9	81.68	46.05	85.06	229.0	112.1	62.35	111.0	60- 65	763.4	80384	99,99
70	104.8	41.64	29.92	43.89	109.4	56.17	40.51	55.36	65- 70	424.9	80808	99.5,99.5
75	48.83	27.33	13.79	28.95	51.17	36.59	18.66	35.80	70- 75	235.6	81044	99.8,99.8
80	25.76	12.13	0	12.99	27.48	15.98	0	15.15	75- 80	120.2	81164	99.9,99.9
85	10.17	0	0	0	11.43	0	0	0	80- 85	40.72	81205	100,100
90	0.3760	0	0	0	0.5990	0	0	0	85- 90	3.867	81209	100,100
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			
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

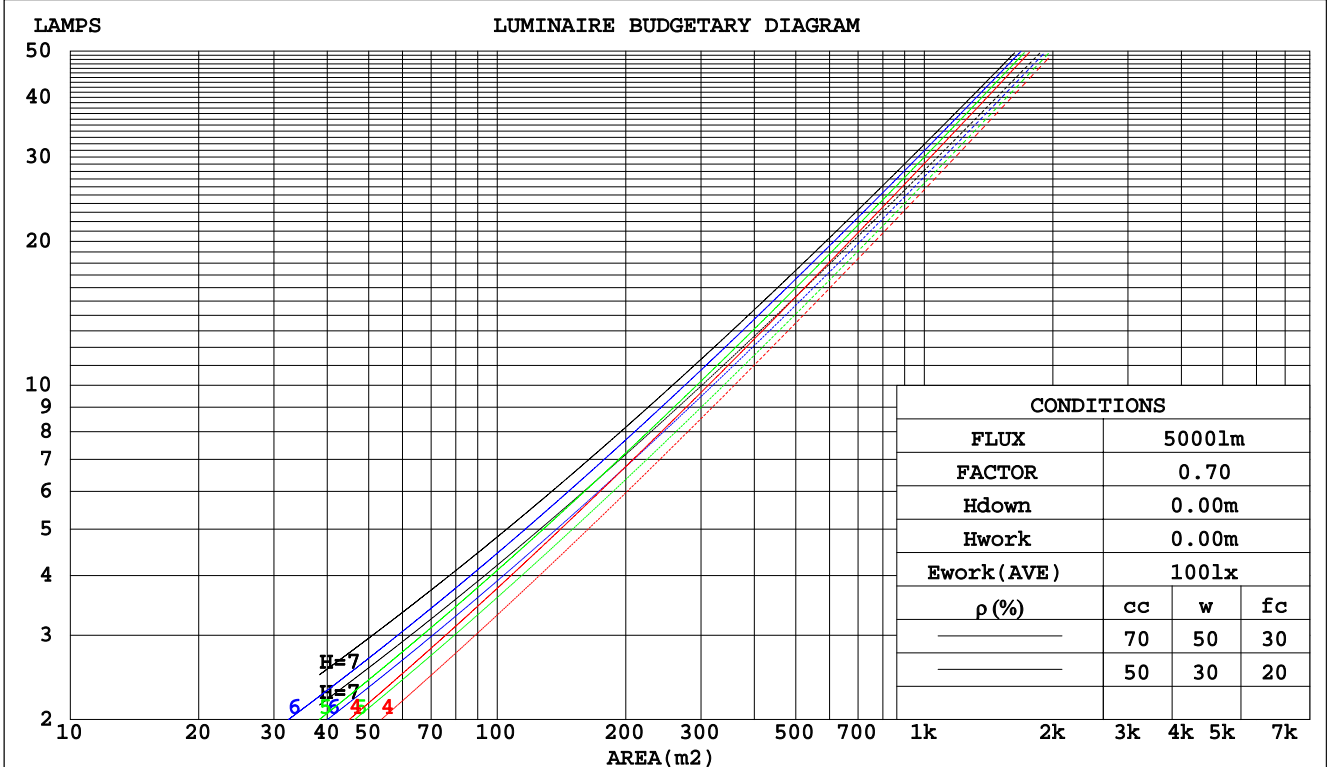
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
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	1.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.96	.93	.99	.95	.92	.96	.92	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.87	.83	.92	.86	.82	.89	.84	.81	.86	.83	.80	.84	.81	.78	.77
4.0	.86	.80	.75	.85	.79	.74	.82	.77	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.80	.73	.68	.79	.72	.68	.77	.71	.67	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.67	.62	.73	.67	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.59
7.0	.69	.62	.58	.68	.62	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.55
8.0	.64	.58	.53	.64	.57	.53	.63	.57	.53	.62	.56	.53	.61	.56	.52	.51
9.0	.60	.54	.49	.60	.54	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
10.0	.57	.50	.46	.56	.50	.46	.55	.50	.46	.55	.49	.46	.54	.49	.46	.44



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.197	.112	.036	.191	.109	.035	.178	.102	.033	.166	.096	.031	.155	.090	.029	
2.0	.191	.105	.032	.186	.102	.031	.175	.097	.030	.165	.092	.029	.156	.088	.028	
3.0	.183	.097	.029	.178	.095	.029	.169	.091	.028	.160	.088	.027	.152	.084	.026	
4.0	.174	.090	.027	.170	.089	.026	.162	.086	.026	.154	.083	.025	.147	.080	.024	
5.0	.166	.084	.024	.162	.083	.024	.155	.081	.024	.148	.078	.023	.142	.076	.023	
6.0	.158	.079	.023	.154	.078	.022	.148	.076	.022	.142	.074	.022	.137	.072	.021	
7.0	.150	.074	.021	.147	.073	.021	.141	.072	.021	.136	.070	.020	.131	.068	.020	
8.0	.143	.070	.020	.140	.069	.020	.135	.068	.019	.131	.066	.019	.126	.065	.019	
9.0	.136	.066	.018	.134	.065	.018	.129	.064	.018	.125	.063	.018	.121	.062	.018	
10.0	.130	.062	.017	.128	.062	.017	.124	.061	.017	.120	.060	.017	.117	.059	.017	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.087	.127	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.069	.119	.086	.060	.082	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.112	.076	.049	.077	.053	.035	.045	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.106	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.101	.062	.035	.070	.044	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.066	.034	.096	.057	.030	.066	.040	.021	.039	.024	.013	.012	.008	.004	
9.0	.106	.060	.030	.091	.053	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm										
NAME: 投光灯					TYPE:室内			WEIGHT:20		
SPEC.:TGC1000-1000W					DIM.:			SERIAL No.:		
MFR.: 深圳市普朗明光电有限公司					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	29.2	30.2	29.4	30.4	30.6	22.2	23.3	22.5	23.5	23.7
3H	29.1	30.1	29.3	30.3	30.5	22.1	23.1	22.4	23.3	23.5
4H	29.0	29.9	29.3	30.2	30.4	22.0	23.0	22.3	23.2	23.4
6H	28.9	29.8	29.2	30.1	30.3	22.0	22.8	22.3	23.1	23.3
8H	28.9	29.7	29.2	30.0	30.3	21.9	22.7	22.2	23.0	23.3
12H	28.9	29.7	29.2	29.9	30.2	21.9	22.7	22.2	22.9	23.2
4H 2H	28.9	29.8	29.2	30.1	30.3	22.3	23.2	22.5	23.4	23.7
3H	28.8	29.6	29.2	29.9	30.2	22.2	23.0	22.5	23.2	23.5
4H	28.8	29.5	29.1	29.8	30.1	22.1	22.8	22.5	23.1	23.4
6H	28.7	29.4	29.1	29.7	30.0	22.0	22.7	22.4	23.0	23.3
8H	28.7	29.3	29.1	29.6	30.0	22.0	22.6	22.4	22.9	23.3
12H	28.6	29.2	29.1	29.6	29.9	21.9	22.5	22.3	22.8	23.2
8H 4H	28.7	29.2	29.0	29.6	30.0	22.0	22.6	22.4	23.0	23.3
6H	28.6	29.1	29.0	29.5	29.9	21.9	22.4	22.4	22.8	23.2
8H	28.6	29.0	29.0	29.4	29.8	21.9	22.3	22.3	22.7	23.2
12H	28.5	28.9	29.0	29.3	29.8	21.8	22.2	22.3	22.6	23.1
12H 4H	28.6	29.1	29.0	29.5	29.9	22.0	22.5	22.4	22.9	23.3
6H	28.5	29.0	29.0	29.4	29.8	21.9	22.3	22.3	22.7	23.2
8H	28.5	28.9	29.0	29.3	29.8	21.8	22.2	22.3	22.6	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 3.7 / - 4.4					+ 2.4 / - 6.4				
1.5H	+ 4.6 / - 5.2					+ 3.2 / - 4.3				
2.0H	+ 6.4 / - 7.9					+ 2.1 / - 4.4				

CIE Pub.117 Corrected 81209 lm Total Lamp Luminous Flux.(8log(F/F0) = 15.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	79	71	66	78	71	66	78	71	66	62
0.80	88	80	76	87	80	76	86	79	75	71
1.00	94	87	83	93	87	82	91	87	82	77
1.25	99	93	88	98	92	88	96	91	87	82
1.50	102	96	92	101	96	92	99	94	91	86
2.00	106	101	97	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

71645 lm

%lum = 88.2%

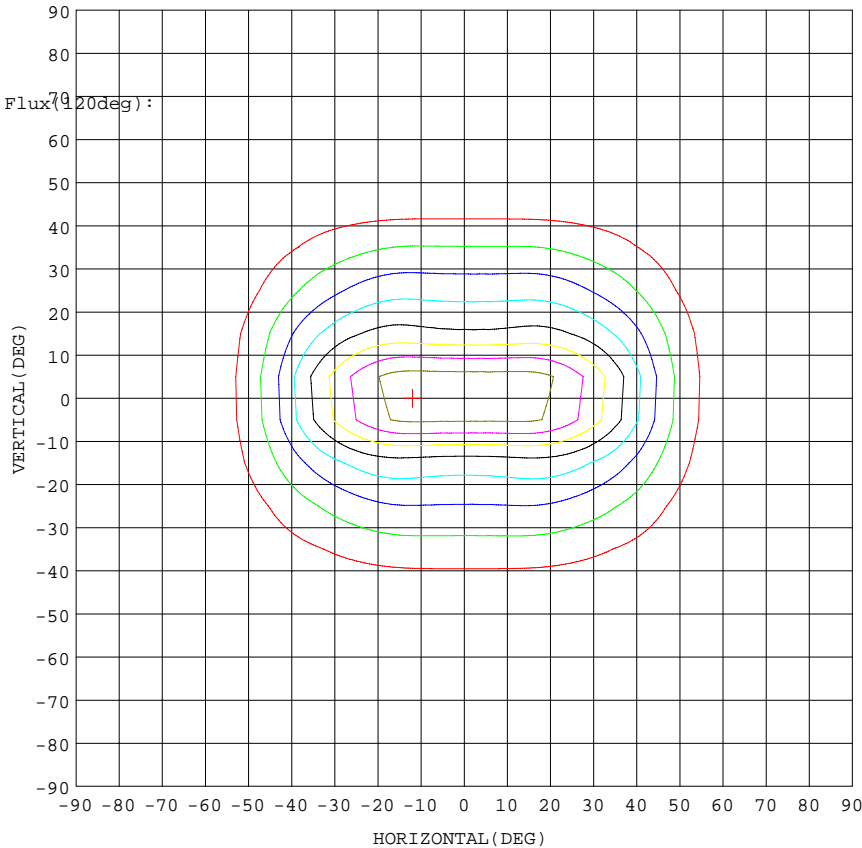
%lamp = 88.2%

Conical surface Flux(70deg):

79620 lm

%lum = 98.0%

%lamp = 98.0%



- 10% 9464
- 20% 18929
- 30% 28393
- 40% 37858
- 50% 47322
- 60% 56787
- 70% 66251
- 80% 75716
- 90% 85180

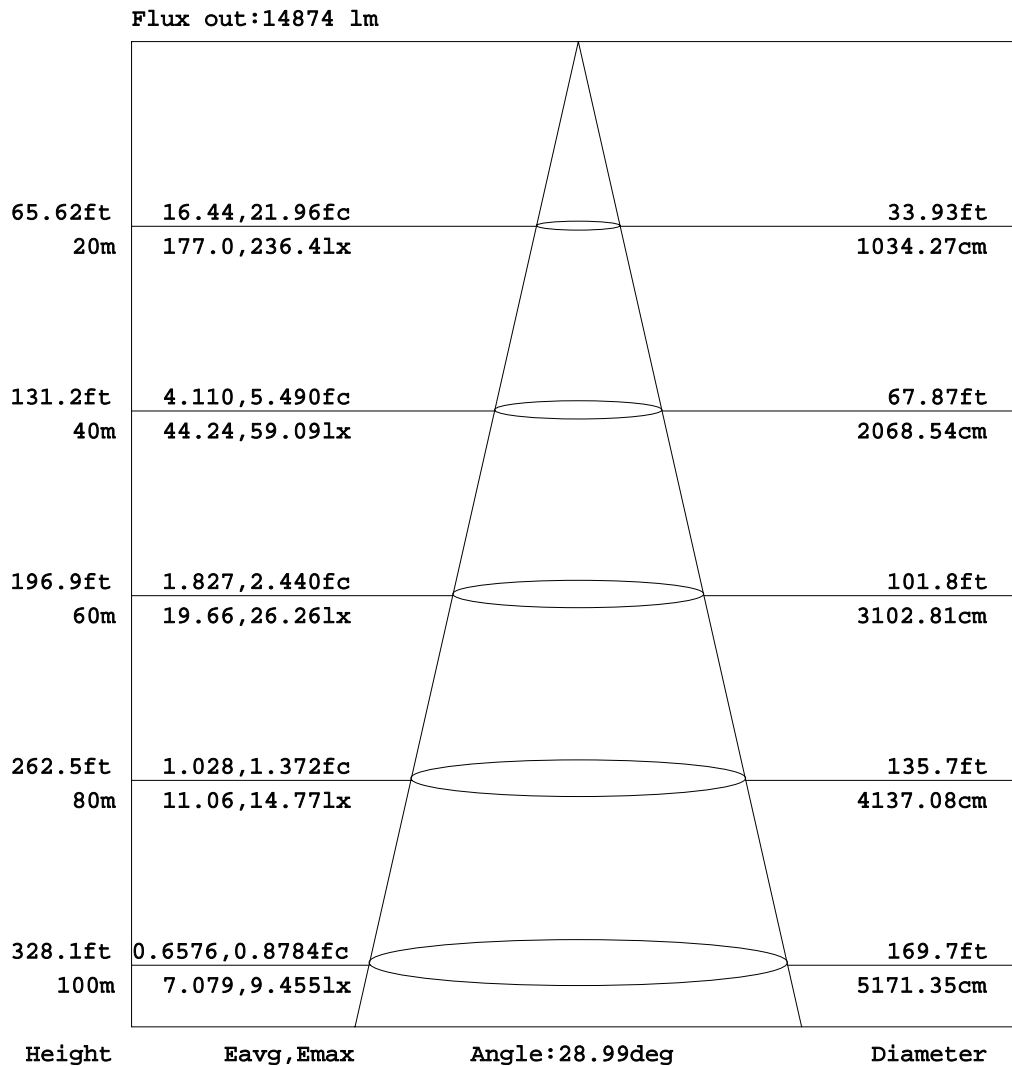
Imax:94645(H=-12.0,V0.0)
 (At:C=180.0,Gamma=11.0)
 UNIT: cd

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:



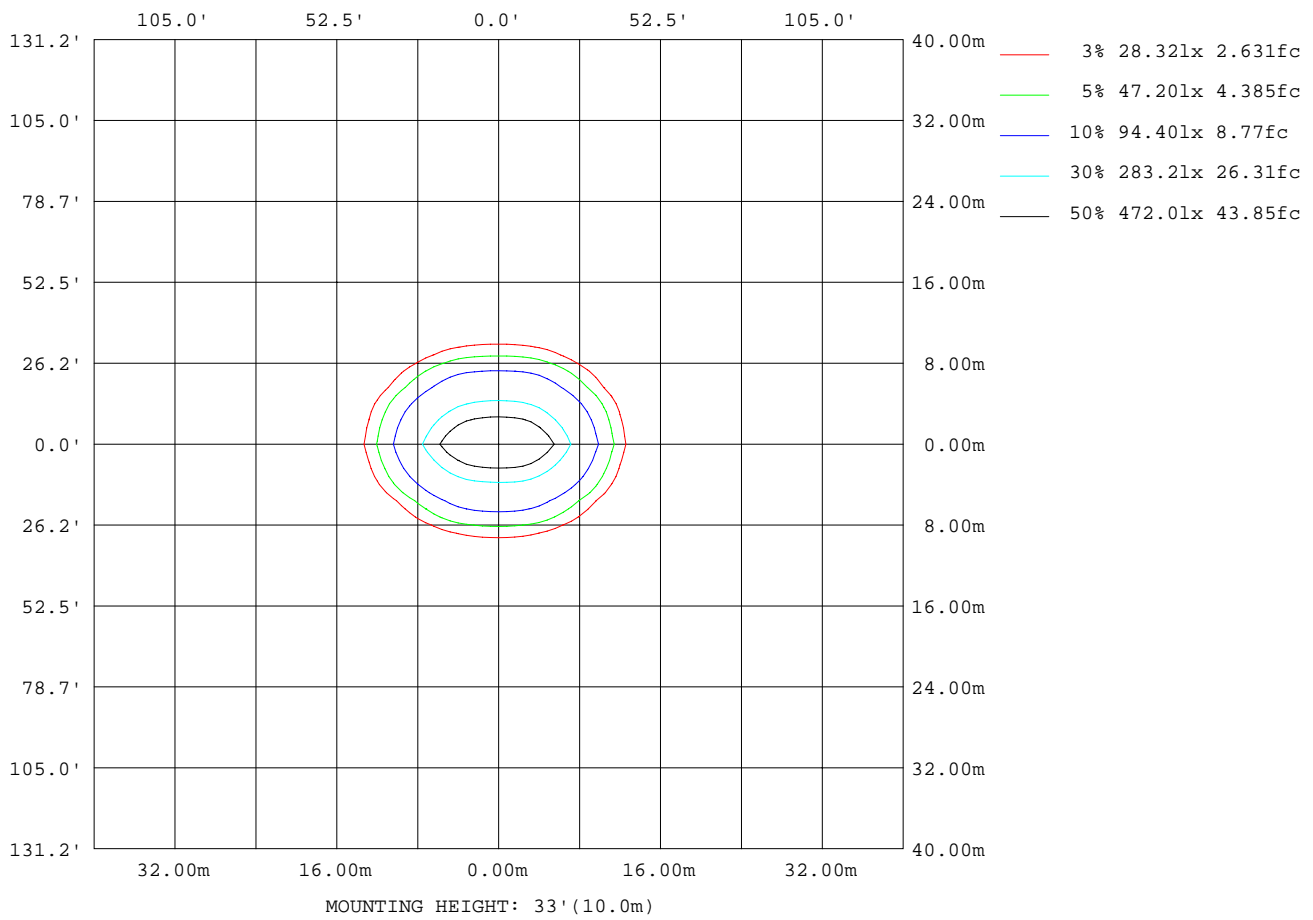
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

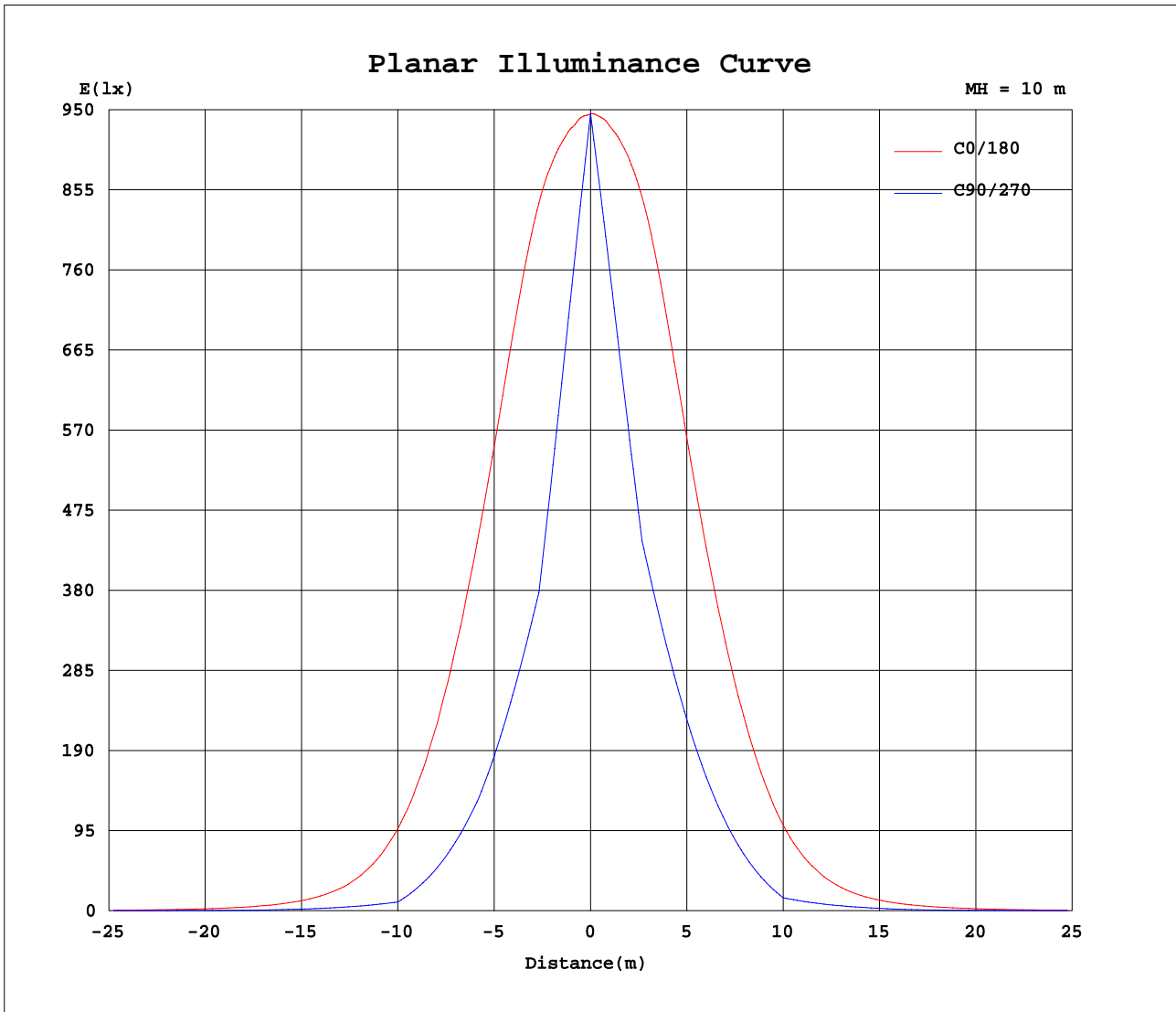
Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452
5	9416	9264	9114	8966	8821	8681	8549	8425	8309	8202	8102	8011	7930	7858	7797	7749	7716	7699	7698
10	9416	9115	8817	8523	8235	7955	7685	7429	7189	6967	6762	6572	6403	6264	6157	6067	5995	5952	5944
15	9314	8875	8442	8020	7607	7206	6817	6443	6085	5753	5445	5161	4915	4698	4513	4376	4280	4209	4191
20	8851	8307	7784	7279	6790	6313	5848	5398	4962	4540	4247	4071	3920	3785	3680	3591	3538	3500	3488
25	8006	7406	6841	6302	5783	5276	4775	4277	4049	3835	3636	3450	3277	3127	3001	2906	2837	2801	2785
30	6939	6329	5762	5225	4716	4207	3810	3560	3337	3126	2931	2750	2583	2433	2305	2207	2134	2098	2082
35	5672	5111	4605	4132	3676	3302	3034	2785	2552	2340	2151	1983	1878	1777	1680	1596	1534	1501	1488
40	4229	3783	3403	3050	2730	2481	2230	1988	1749	1571	1481	1388	1289	1186	1087	1004	942	905	893
45	2752	2464	2242	2040	1865	1672	1458	1220	1139	1048	944	830	712	596	491	406	346	310	299
50	1589	1430	1331	1235	1118	973	818	770	694	590	460	314	245	235	229	224	222	220	220
55	845	766	735	675	597	503	478	426	332	214	200	186	172	160	152	147	143	141	141
60	435	401	387	348	297	281	245	173	159	146	131	115	99.4	86.5	76.8	69.5	64.9	62.5	62.2
65	218	204	195	176	163	140	116	108	97.3	81.7	64.0	48.9	46.2	44.6	44.1	44.1	44.7	45.4	46.0
70	105	99.0	94.1	88.9	77.8	72.5	67.7	56.8	44.0	41.6	38.4	35.4	32.8	31.1	30.0	29.5	29.4	29.6	29.9
75	48.8	46.3	45.2	42.4	41.8	39.0	33.4	32.1	29.6	27.3	24.3	21.7	19.3	17.6	16.0	15.0	14.3	13.9	13.8
80	25.8	24.8	24.5	23.8	23.0	21.3	19.9	18.0	15.6	12.1	8.75	6.25	4.24	2.82	1.71	0.94	0.41	0.10	0.00
85	10.2	8.93	9.01	8.38	7.51	3.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: x10cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452
5	9188	9060	8934	8813	8695	8582	8475	8375	8282	8199	8126	8064	8015	7978	7949	7932	7923	7923	7938
10	8933	8674	8420	8176	7941	7716	7501	7298	7113	6951	6812	6691	6583	6497	6440	6409	6394	6399	6434
15	8624	8251	7887	7531	7189	6859	6546	6249	5972	5725	5501	5305	5154	5031	4933	4884	4866	4877	4936
20	8047	7609	7184	6770	6367	5968	5576	5199	4920	4740	4578	4443	4325	4245	4183	4144	4133	4139	4179
25	7164	6706	6267	5836	5410	4987	4747	4526	4312	4110	3926	3764	3633	3525	3460	3413	3401	3412	3449
30	6105	5668	5253	4837	4491	4241	4008	3792	3590	3403	3225	3059	2917	2807	2730	2683	2669	2681	2718
35	4957	4596	4242	3916	3642	3391	3159	2955	2775	2608	2469	2327	2188	2073	1989	1942	1926	1940	1981
40	3749	3517	3269	3000	2742	2495	2270	2095	1980	1857	1720	1581	1447	1331	1247	1200	1183	1199	1244
45	2540	2463	2274	2072	1848	1611	1519	1407	1278	1133	982	830	693	581	503	456	440	457	503
50	1545	1504	1380	1234	1076	1028	932	803	641	459	372	358	346	336	328	323	321	324	329
55	861	817	744	652	628	565	453	306	292	275	257	241	227	217	209	204	203	204	209
60	448	418	372	361	319	232	218	205	187	166	144	125	109	97.2	89.6	85.4	84.2	84.9	88.5
65	224	211	201	178	151	145	132	112	88.8	67.2	63.4	60.7	59.8	60.1	61.0	61.9	62.4	61.6	60.2
70	106	105	97.6	91.6	87.0	75.2	59.7	56.2	52.2	48.3	44.8	42.1	40.6	40.0	40.1	40.3	40.5	40.1	39.6
75	51.0	49.5	50.6	47.3	42.8	41.9	39.8	36.6	32.9	29.4	26.1	23.6	21.6	20.2	19.3	18.8	18.7	18.7	19.1
80	27.5	27.4	26.4	26.1	25.5	23.6	20.6	16.0	11.8	8.31	5.68	3.75	2.30	1.26	0.56	0.14	0.00	0.14	0.55
85	11.0	10.9	10.3	5.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:4.562A P:988.8W PF:0.9830 Lamp Flux:81209x1 lm		
NAME: 投光灯	TYPE:室内	WEIGHT:20
SPEC.:TGC1000-1000W	DIM.:	SERIAL No.:
MFR.: 深圳市普朗明光电有限公司	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: x10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452	9452				
5	7965	8007	8060	8122	8194	8273	8359	8452	8553	8660	8774	8897	9023	9152	9283				
10	6496	6575	6666	6785	6933	7099	7277	7472	7682	7905	8141	8386	8637	8893	9153				
15	5020	5134	5296	5485	5702	5952	6221	6510	6822	7150	7487	7834	8192	8558	8933				
20	4228	4317	4425	4563	4717	4898	5168	5535	5910	6294	6690	7094	7509	7938	8384				
25	3516	3616	3747	3903	4081	4274	4473	4686	4910	5325	5738	6153	6581	7027	7499				
30	2796	2899	3037	3194	3366	3545	3735	3939	4155	4396	4735	5138	5540	5971	6433				
35	2061	2171	2304	2442	2577	2736	2906	3098	3317	3555	3818	4132	4472	4828	5222				
40	1325	1436	1566	1702	1834	1951	2061	2227	2442	2672	2917	3169	3396	3627	3892				
45	582	691	824	973	1120	1260	1385	1495	1588	1808	2010	2191	2347	2431	2554				
50	337	346	358	371	456	633	792	916	1009	1062	1204	1329	1429	1467	1495				
55	216	227	240	256	273	289	303	447	559	620	644	724	782	821	805				
60	95.9	108	124	143	164	184	202	216	231	317	356	370	406	430	422				
65	58.8	58.5	59.2	61.3	65.2	87.1	111	131	144	151	176	199	208	216	216				
70	39.3	39.7	41.0	43.3	46.9	51.0	55.4	59.0	74.8	86.1	90.8	96.7	104	105	105				
75	19.9	21.2	22.8	25.1	28.4	31.7	35.8	39.3	41.1	42.1	46.6	49.8	48.3	49.9	48.7				
80	1.24	2.25	3.62	5.44	7.95	11.1	15.2	19.8	22.9	24.7	25.5	26.0	27.1	26.8	26.2				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.94	9.91	10.7	11.0	10.9				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2015-04-25

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: