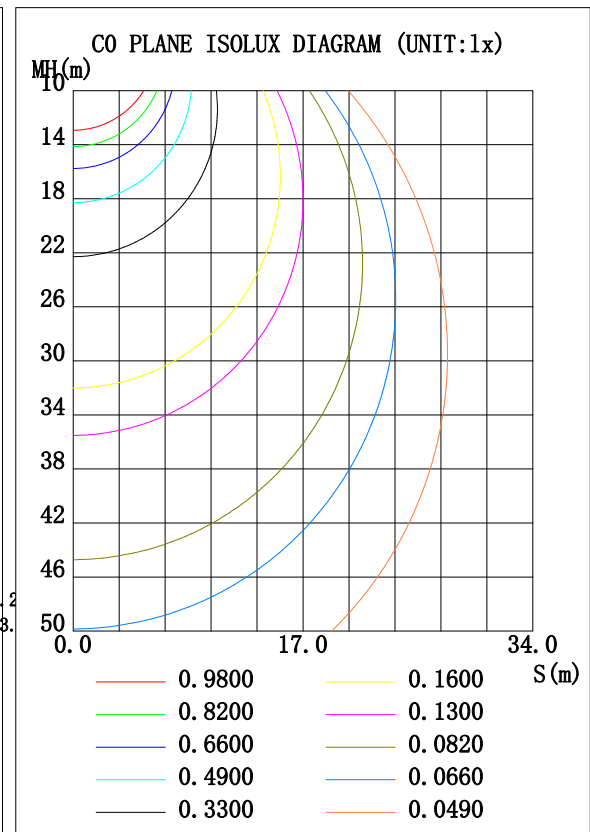
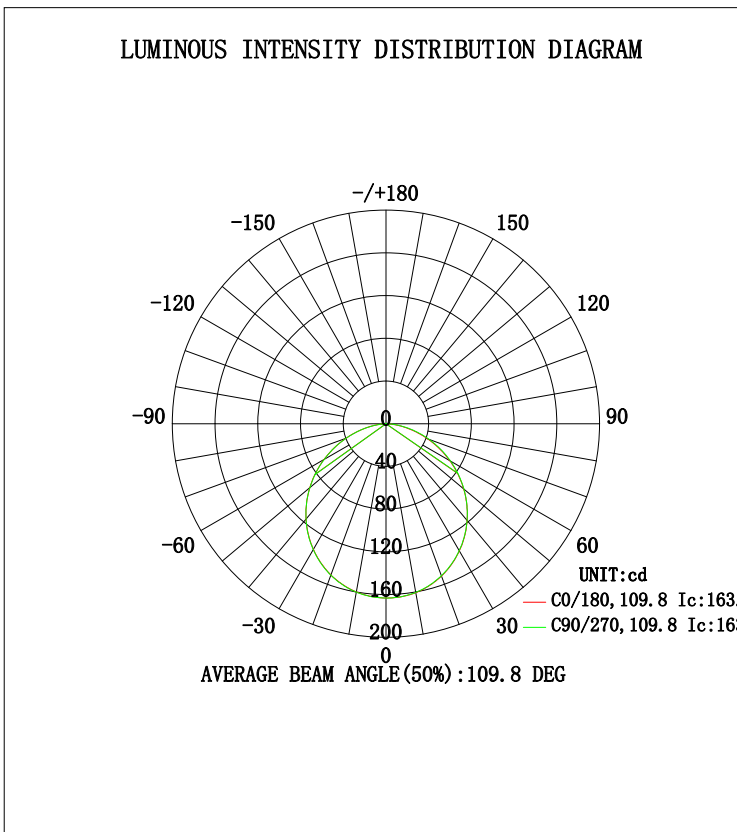


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR.: FILUX	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.05 lm/W
MODEL	6W圆形	I _{max} (cd)	163.3	S/MH(C0/180)		1.25
NOMINAL POWER (W)	6	LOR (%)	100.0	S/MH(C90/270)		1.25
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	451.07	η UP, DN(C0-180)		0.0, 49.5
NOMINAL FLUX (lm)	451.072	CIE CLASS	DIRECT	η UP, DN(C180-360)		0.1, 50.4
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM		1.25
TEST VOLTAGE (V)	240	η down (%)	99.9	CIBSE SHR MAX		1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	162.2	162.3	162.5	162.7	162.7	162.6	162.6	162.4	0- 5	3.893	3.893	0.86, 0.86
10	159.9	159.9	160.1	160.4	160.6	160.6	160.4	160.2	5- 10	11.55	15.44	3.42, 3.42
15	156.0	156.1	156.3	156.7	156.9	156.9	156.7	156.5	10- 15	18.79	34.23	7.59, 7.59
20	150.7	150.7	150.9	151.4	151.8	151.9	151.5	151.2	15- 20	25.36	59.59	13.2, 13.2
25	144.0	143.9	144.1	144.8	145.3	145.4	145.0	144.6	20- 25	31.03	90.62	20.1, 20.1
30	136.0	135.9	136.2	136.8	137.5	137.5	137.2	136.6	25- 30	35.60	126.2	28, 28
35	126.8	126.6	126.9	127.7	128.4	128.6	128.2	127.6	30- 35	38.92	165.1	36.6, 36.6
40	116.5	116.2	116.5	117.4	118.2	118.5	118.2	117.6	35- 40	40.86	206.0	45.7, 45.7
45	105.2	104.9	105.2	106.0	107.0	107.4	107.1	106.4	40- 45	41.38	247.4	54.8, 54.8
50	93.18	92.73	93.04	93.80	94.96	95.42	95.28	94.46	45- 50	40.46	287.8	63.8, 63.8
55	80.36	79.86	80.16	80.93	82.23	82.80	82.72	81.87	50- 55	38.14	326.0	72.3, 72.3
60	67.07	66.52	66.85	67.52	68.81	69.57	69.70	68.81	55- 60	34.54	360.5	79.9, 79.9
65	53.47	52.92	53.27	53.87	55.14	56.15	56.38	55.39	60- 65	29.81	390.3	86.5, 86.5
70	40.01	39.39	39.77	40.36	41.57	42.66	43.08	42.06	65- 70	24.20	414.5	91.9, 91.9
75	27.01	26.41	26.71	27.23	28.42	29.56	30.10	29.08	70- 75	18.04	432.6	95.9, 95.9
80	14.97	14.27	14.38	14.92	16.17	17.29	17.79	16.88	75- 80	11.69	444.3	98.5, 98.5
85	4.406	3.579	3.528	4.052	5.386	6.205	6.488	5.883	80- 85	5.557	449.8	99.7, 99.7
90	0.0156	0.0160	0.0166	0.0163	0.0088	0.0162	0.0156	0.0107	85- 90	0.8088	450.6	99.9, 99.9
95	0.0156	0.0165	0.0157	0.0160	0.0094	0.0100	0.0104	0.0110	90- 95	0.0072	450.6	99.9, 99.9
100	0.0180	0.0209	0.0196	0.0202	0.0127	0.0124	0.0127	0.0131	95-100	0.0079	450.6	99.9, 99.9
105	0.0226	0.0215	0.0240	0.0237	0.0159	0.0157	0.0157	0.0164	100-105	0.0094	450.7	99.9, 99.9
110	0.0286	0.0266	0.0274	0.0297	0.0209	0.0213	0.0205	0.0211	105-110	0.0115	450.7	99.9, 99.9
115	0.0383	0.0357	0.0331	0.0347	0.0286	0.0286	0.0290	0.0297	110-115	0.0142	450.7	99.9, 99.9
120	0.0473	0.0445	0.0397	0.0404	0.0392	0.0396	0.0397	0.0404	115-120	0.0177	450.7	99.9, 99.9
125	0.0565	0.0535	0.0480	0.0501	0.0528	0.0532	0.0537	0.0532	120-125	0.0218	450.7	99.9, 99.9
130	0.0668	0.0641	0.0583	0.0596	0.0672	0.0683	0.0687	0.0680	125-130	0.0258	450.7	99.9, 99.9
135	0.0841	0.0817	0.0758	0.0764	0.0855	0.0864	0.0877	0.0874	130-135	0.0300	450.8	99.9, 99.9
140	0.1015	0.1016	0.0971	0.0957	0.1107	0.1189	0.1197	0.1225	135-140	0.0355	450.8	99.9, 99.9
145	0.1154	0.1202	0.1148	0.1125	0.1483	0.1596	0.1656	0.1632	140-145	0.0410	450.8	100, 100
150	0.1278	0.1385	0.1291	0.1270	0.1875	0.2033	0.2106	0.2091	145-150	0.0449	450.9	100, 100
155	0.1462	0.1577	0.1412	0.1478	0.2282	0.2497	0.2541	0.2519	150-155	0.0460	450.9	100, 100
160	0.1658	0.1729	0.1531	0.1659	0.2737	0.2866	0.2876	0.2847	155-160	0.0444	451.0	100, 100
165	0.1749	0.1804	0.1599	0.1685	0.2877	0.3007	0.3029	0.2998	160-165	0.0378	451.0	100, 100
170	0.1890	0.1911	0.1672	0.1722	0.2897	0.2868	0.2845	0.2867	165-170	0.0277	451.0	100, 100
175	0.2078	0.2079	0.1765	0.1917	0.2691	0.2655	0.2531	0.2626	170-175	0.0165	451.1	100, 100
180	0.2400	0.2354	0.2153	0.2262	0.2406	0.2357	0.2159	0.2283	175-180	0.0055	451.1	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 247.39 lm

%lum = 54.8%
%lamp = 54.8%

Conical surface Flux(120deg): 360.52 lm

%lum = 79.9%
%lamp = 79.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Near
Test Date:2017-06-05

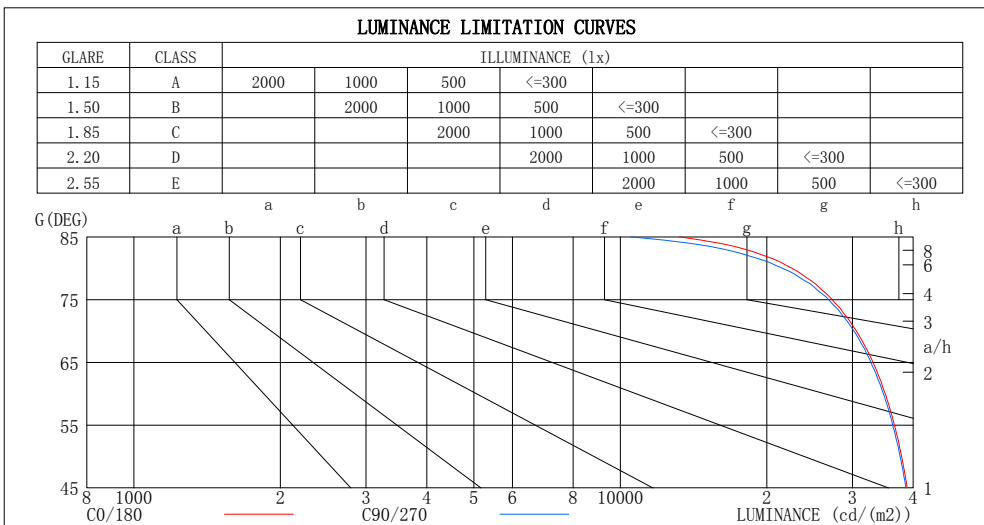
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:2.675m [K=1.0000]
Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13204	10515
80	22512	21515
75	27259	26808
70	30558	30204
65	33050	32742
60	35040	34727
55	36599	36302
50	37866	37598
45	38872	38636

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

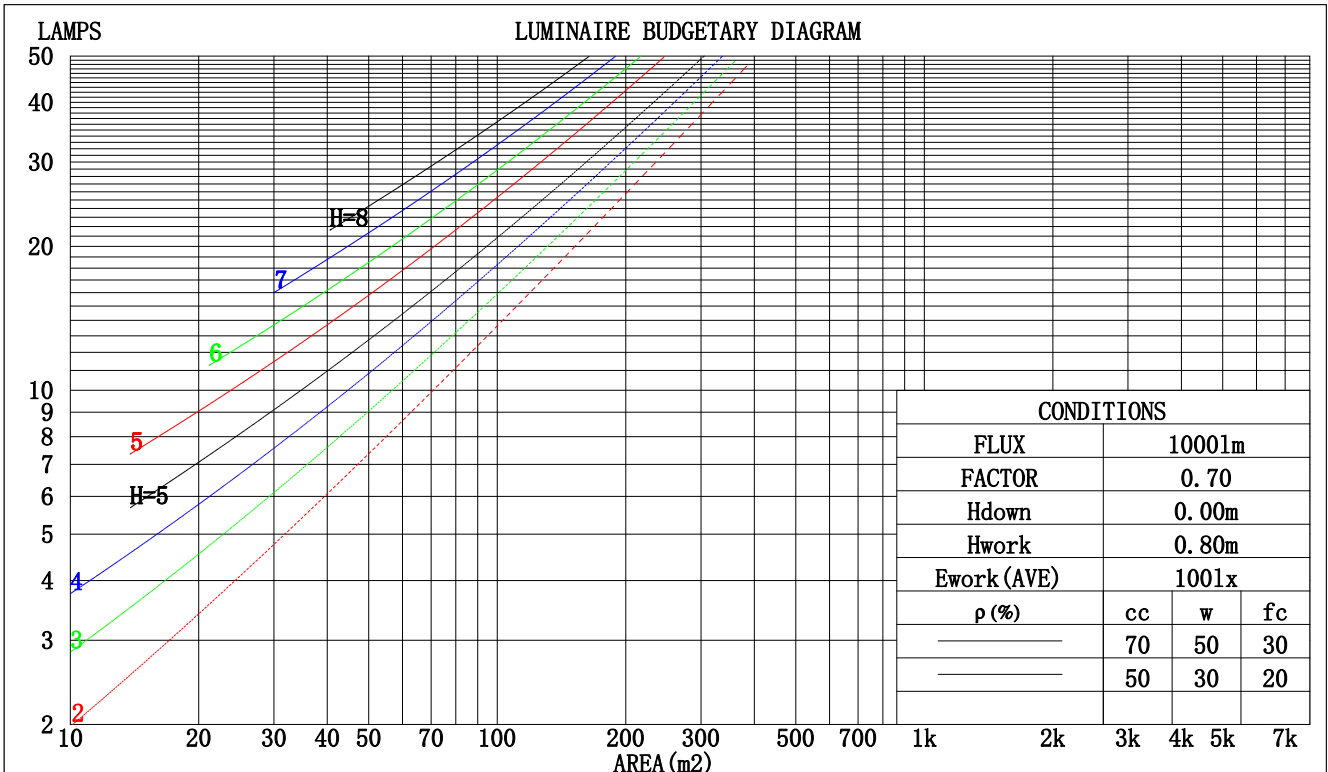
Checker: Murrfuy Liang

Assessor: Akin Xu

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding 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	.00
1.0	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.63	.70	.65	.61	.59
4.0	.71	.62	.55	.70	.61	.55	.67	.60	.54	.65	.59	.54	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.48	.60	.53	.47	.58	.52	.46	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.47	.40	.36	.34
8.0	.47	.39	.33	.47	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.38	.31	.27	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

WEC AND CCEC

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding 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	.302	.171	.054	.294	.168	.053	.281	.161	.052	.269	.155	.050	.258	.149	.048	
2.0	.286	.157	.048	.280	.154	.048	.268	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.266	.142	.042	.260	.139	.042	.250	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.228	.116	.034	.224	.115	.033	.215	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.187	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.176	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.180	.157	.136	.154	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.149	.091	.048	.128	.079	.042	.088	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.142	.083	.040	.122	.072	.035	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.129	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm										
NAME: LED Down Light					TYPE:LED Down Light			WEIGHT:		
SPEC.:F9068 6W 50mA IP20					DIM.: 115x115x30			SERIAL No.:WTF20170605002		
MFR. FILUX					SUR.:			Shielding 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	28.1	29.6	28.3	29.8	30.0	28.0	29.6	28.3	29.8	30.0
3H	29.5	30.9	29.8	31.1	31.3	29.4	30.8	29.7	31.1	31.3
4H	30.0	31.3	30.3	31.6	31.8	29.9	31.3	30.3	31.5	31.8
6H	30.3	31.6	30.7	31.8	32.1	30.3	31.5	30.6	31.8	32.1
8H	30.4	31.6	30.7	31.9	32.2	30.3	31.5	30.7	31.8	32.1
12H	30.4	31.6	30.8	31.9	32.2	30.3	31.5	30.7	31.8	32.1
4H 2H	28.6	30.0	28.9	30.2	30.5	28.6	29.9	28.9	30.2	30.4
3H	30.2	31.4	30.6	31.7	32.0	30.2	31.3	30.5	31.6	31.9
4H	30.8	31.9	31.2	32.2	32.6	30.8	31.9	31.2	32.2	32.5
6H	31.3	32.2	31.7	32.6	32.9	31.2	32.2	31.6	32.5	32.9
8H	31.4	32.3	31.8	32.6	33.0	31.3	32.2	31.7	32.6	33.0
12H	31.4	32.2	31.9	32.6	33.0	31.4	32.2	31.8	32.5	33.0
8H 4H	31.1	31.9	31.5	32.3	32.7	31.0	31.9	31.4	32.3	32.7
6H	31.6	32.3	32.1	32.7	33.2	31.6	32.3	32.0	32.7	33.1
8H	31.8	32.4	32.2	32.9	33.3	31.7	32.4	32.2	32.8	33.2
12H	31.9	32.4	32.3	32.9	33.3	31.8	32.3	32.3	32.8	33.3
12H 4H	31.1	31.9	31.5	32.2	32.6	31.0	31.8	31.5	32.2	32.6
6H	31.6	32.3	32.1	32.7	33.2	31.6	32.2	32.1	32.7	33.1
8H	31.8	32.4	32.3	32.8	33.3	31.8	32.3	32.3	32.8	33.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 451.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding 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	58	47	40	57	46	40	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	58	51
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	91	100	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

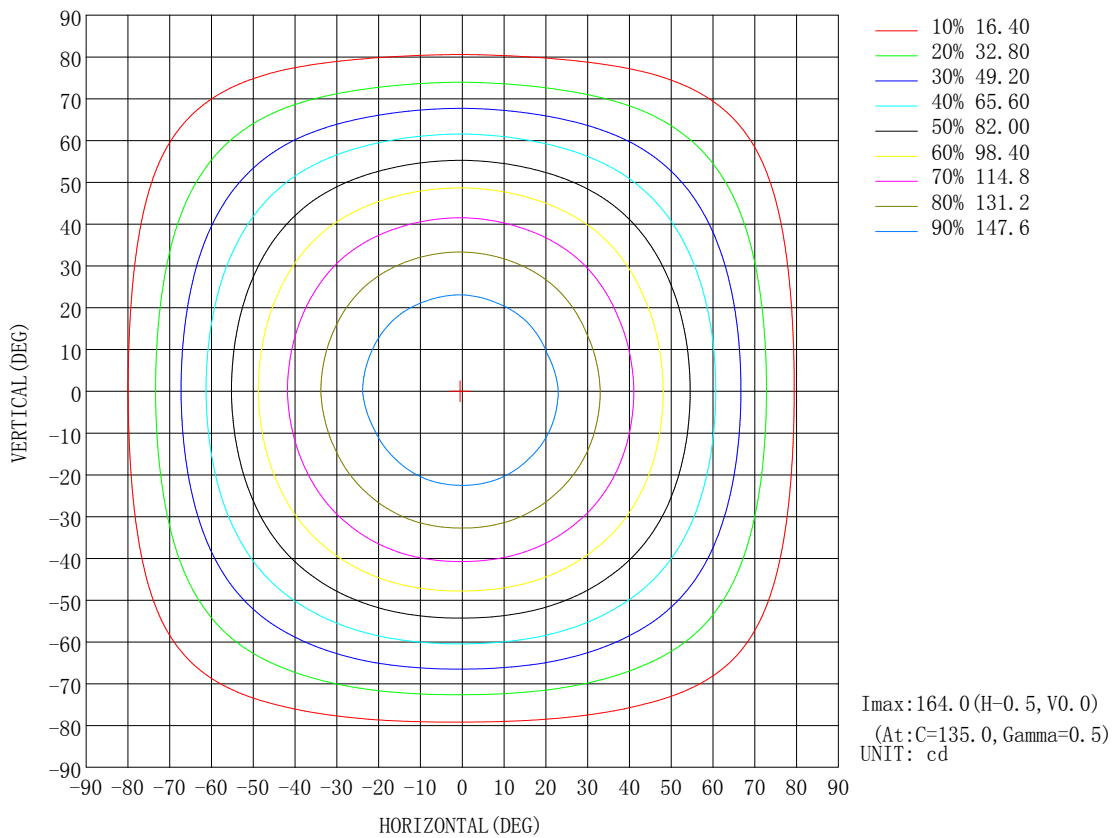
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

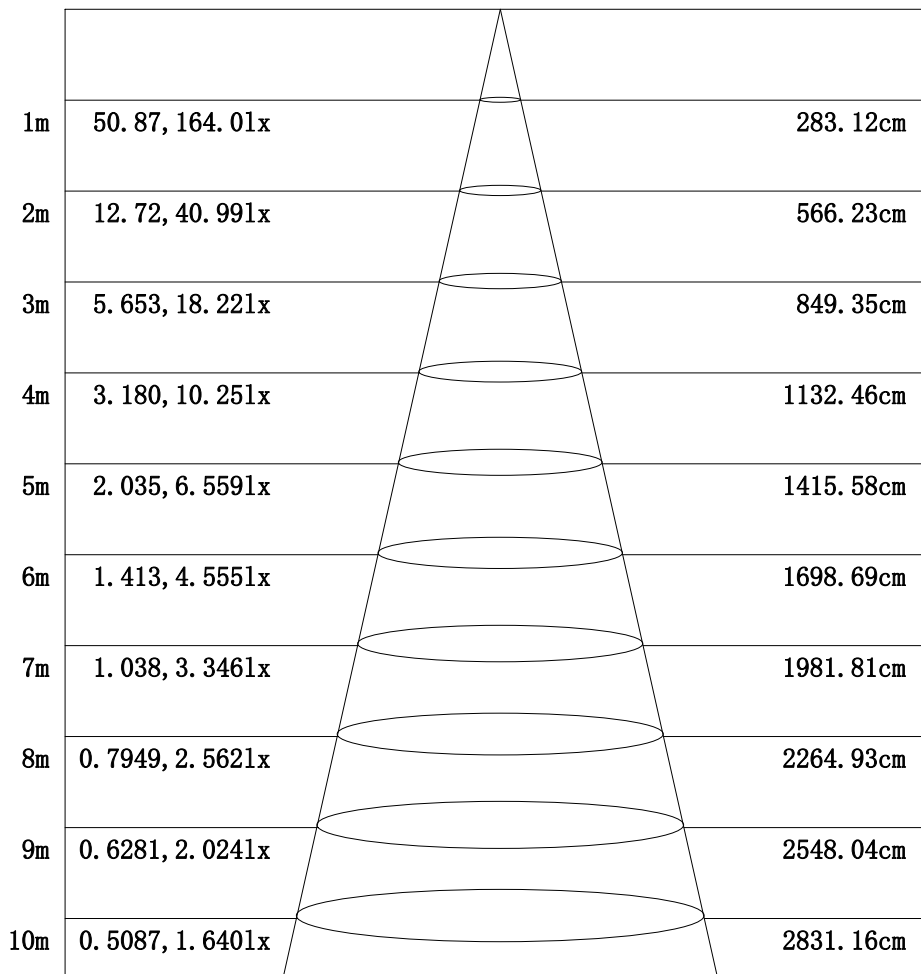
Checker: Murrfuy Liang

Assessor: Akin Xu

AAI Figure

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:

Flux out:326.0 lm



Height Eavg, Emax Angle:109.52deg Diameter

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

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

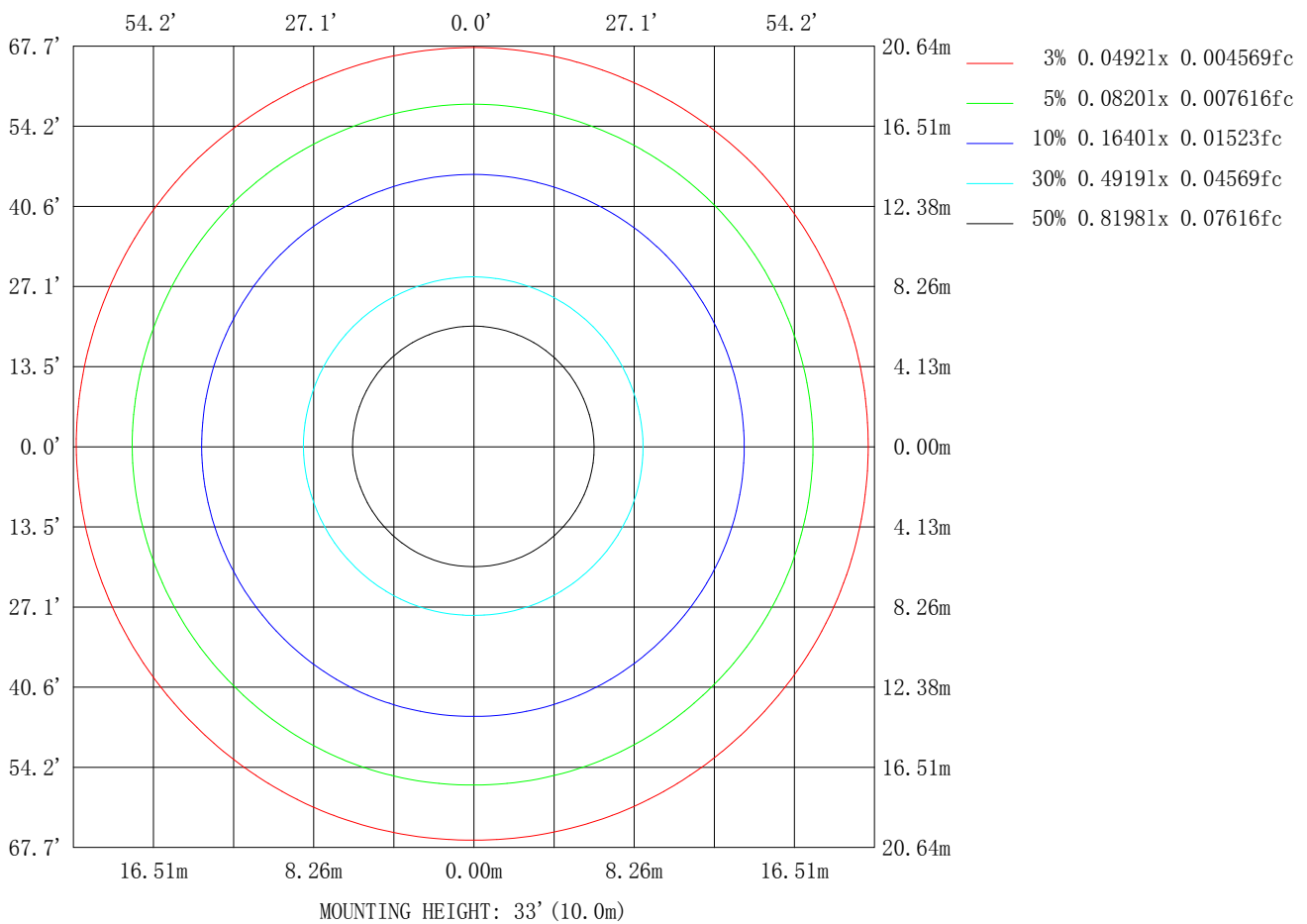
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

ISOLUX DIAGRAM

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

LED Avg. L Report

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:6W 6500K 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	33407
L_0~180(75)av	27839
L_0~180(85)av	14604
L_90~270(65)av	33728
L_90~270(75)av	28535
L_90~270(85)av	14938
L_45(65)av	33577
L_45(75)av	28194
L_45(85)av	14705

Standard: GB/T 29293-2012

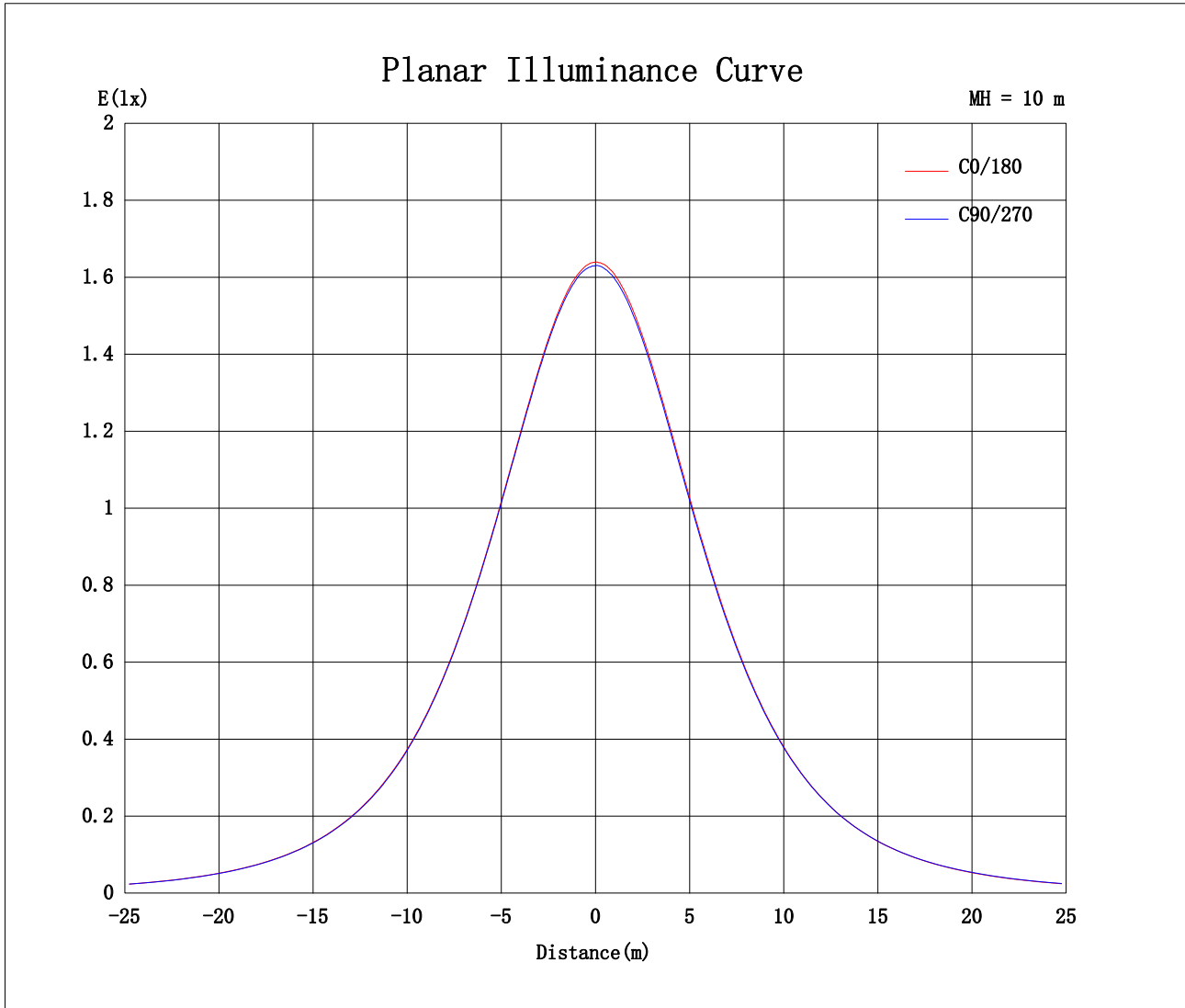
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Near
 Test Date: 2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

Assessor: Akin Xu

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.3V I:0.0511A P:6.260W PF:0.5098 Freq:50.00Hz Lamp Flux:451.072x1 lm		
NAME: LED Down Light	TYPE:LED Down Light	WEIGHT:
SPEC.:F9068 6W 50mA IP20	DIM.: 115x115x30	SERIAL No.:WTF20170605002
MFR. FILUX	SUR.:	Shielding Angle:

Table-1

UNIT: cd

γ (DEG) \ C (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5				
0	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163				
5	162	162	162	162	162	163	163	163	163	163	163	162	163	163	162	162				
10	160	160	160	160	160	160	160	161	161	161	161	160	160	160	160	160				
15	156	156	156	156	156	157	157	157	157	157	157	157	157	156	156	156				
20	151	151	151	151	151	151	151	152	152	152	152	152	151	151	151	151				
25	144	144	144	144	144	145	145	145	145	145	145	145	145	145	145	144				
30	136	136	136	136	136	137	137	137	137	137	138	137	137	137	137	136				
35	127	127	127	127	127	128	128	128	128	128	129	128	128	128	128	127				
40	117	117	116	117	116	117	117	118	118	118	118	118	118	117	118	117				
45	105	105	105	105	105	106	106	107	107	107	107	107	107	106	106	106				
50	93.2	93.2	92.7	93.1	93.0	93.8	93.8	94.5	95.0	95.0	95.4	95.0	95.3	94.6	94.5	93.6				
55	80.4	80.3	79.9	80.2	80.2	80.8	80.9	81.7	82.2	82.2	82.8	82.5	82.7	82.0	81.9	80.9				
60	67.1	67.0	66.5	66.9	66.8	67.6	67.5	68.3	68.8	68.9	69.6	69.4	69.7	69.0	68.8	67.7				
65	53.5	53.4	52.9	53.4	53.3	53.9	53.9	54.6	55.1	55.3	56.2	56.0	56.4	55.7	55.4	54.3				
70	40.0	39.9	39.4	39.9	39.8	40.4	40.4	41.0	41.6	41.8	42.7	42.7	43.1	42.4	42.1	40.8				
75	27.0	26.8	26.4	26.8	26.7	27.3	27.2	27.8	28.4	28.6	29.6	29.6	30.1	29.4	29.1	27.9				
80	15.0	14.7	14.3	14.5	14.4	14.9	14.9	15.5	16.2	16.4	17.3	17.4	17.8	17.2	16.9	15.8				
85	4.41	4.12	3.58	3.67	3.53	3.94	4.05	4.71	5.39	5.61	6.20	6.26	6.49	6.08	5.88	5.18				
90	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.02				
95	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01				
100	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02			
105	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
110	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
115	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
120	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
125	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
130	0.07	0.07	0.06	0.07	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
135	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
140	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12			
145	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.15	0.15	0.16	0.16	0.17	0.17	0.16	0.16	0.16			
150	0.13	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.19	0.19	0.20	0.21	0.21	0.21	0.21	0.20	0.20			
155	0.15	0.16	0.16	0.15	0.14	0.14	0.15	0.15	0.23	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25			
160	0.17	0.17	0.17	0.16	0.15	0.16	0.17	0.16	0.27	0.27	0.29	0.29	0.29	0.29	0.28	0.28	0.28			
165	0.17	0.18	0.18	0.17	0.16	0.16	0.17	0.17	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.29	0.29			
170	0.19	0.19	0.19	0.17	0.17	0.16	0.17	0.18	0.29	0.29	0.29	0.28	0.28	0.28	0.29	0.29	0.29			
175	0.21	0.21	0.21	0.19	0.18	0.18	0.19	0.20	0.27	0.27	0.27	0.25	0.25	0.25	0.26	0.27	0.27			
180	0.24	0.24	0.24	0.22	0.22	0.21	0.23	0.23	0.24	0.24	0.24	0.22	0.22	0.21	0.23	0.24	0.24			

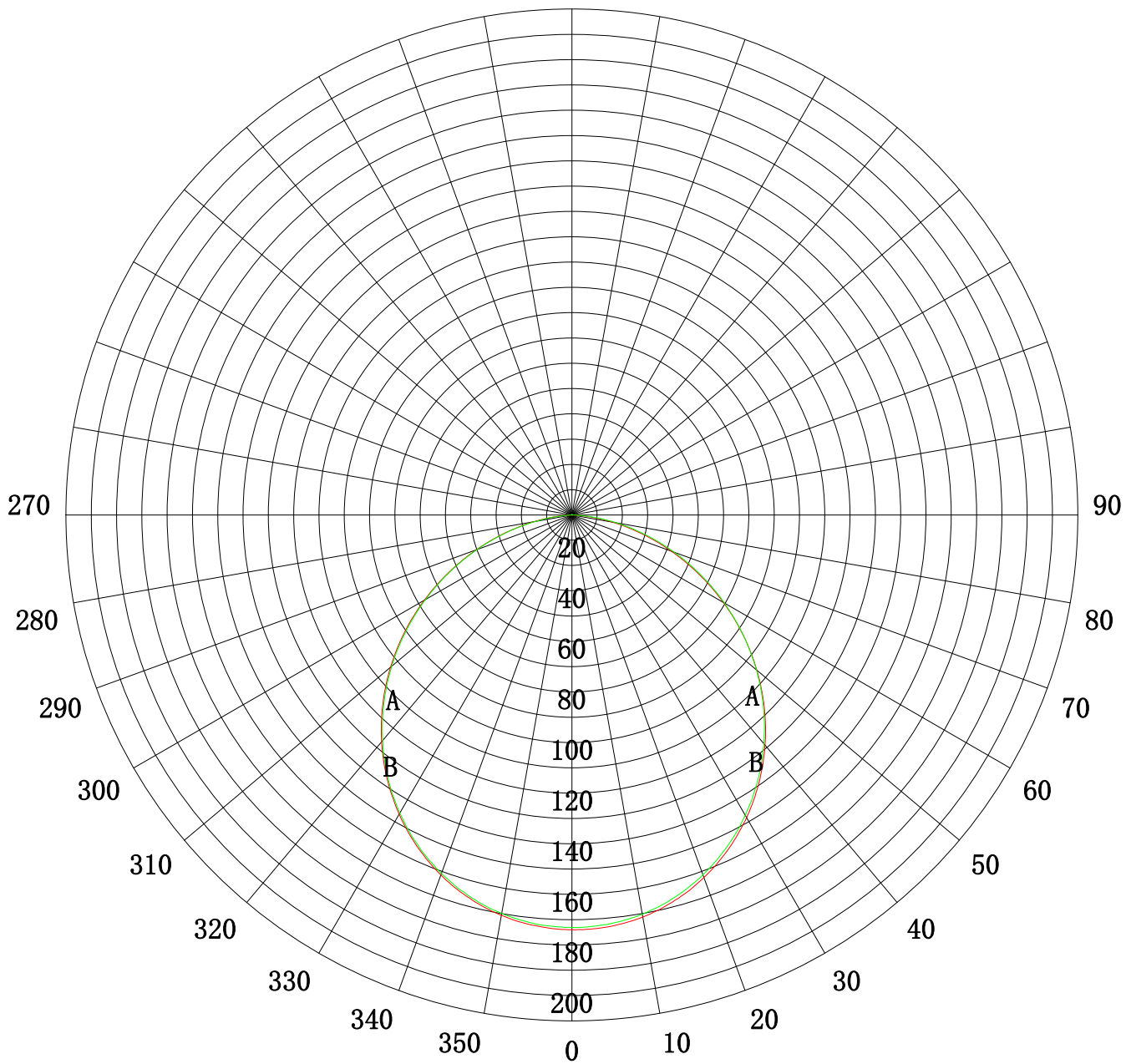
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Near
 Test Date:2017-06-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:2.675m [K=1.0000]
 Remarks: File No.: WT-F-504-3206-01-A

Checker: Murrfuy Liang

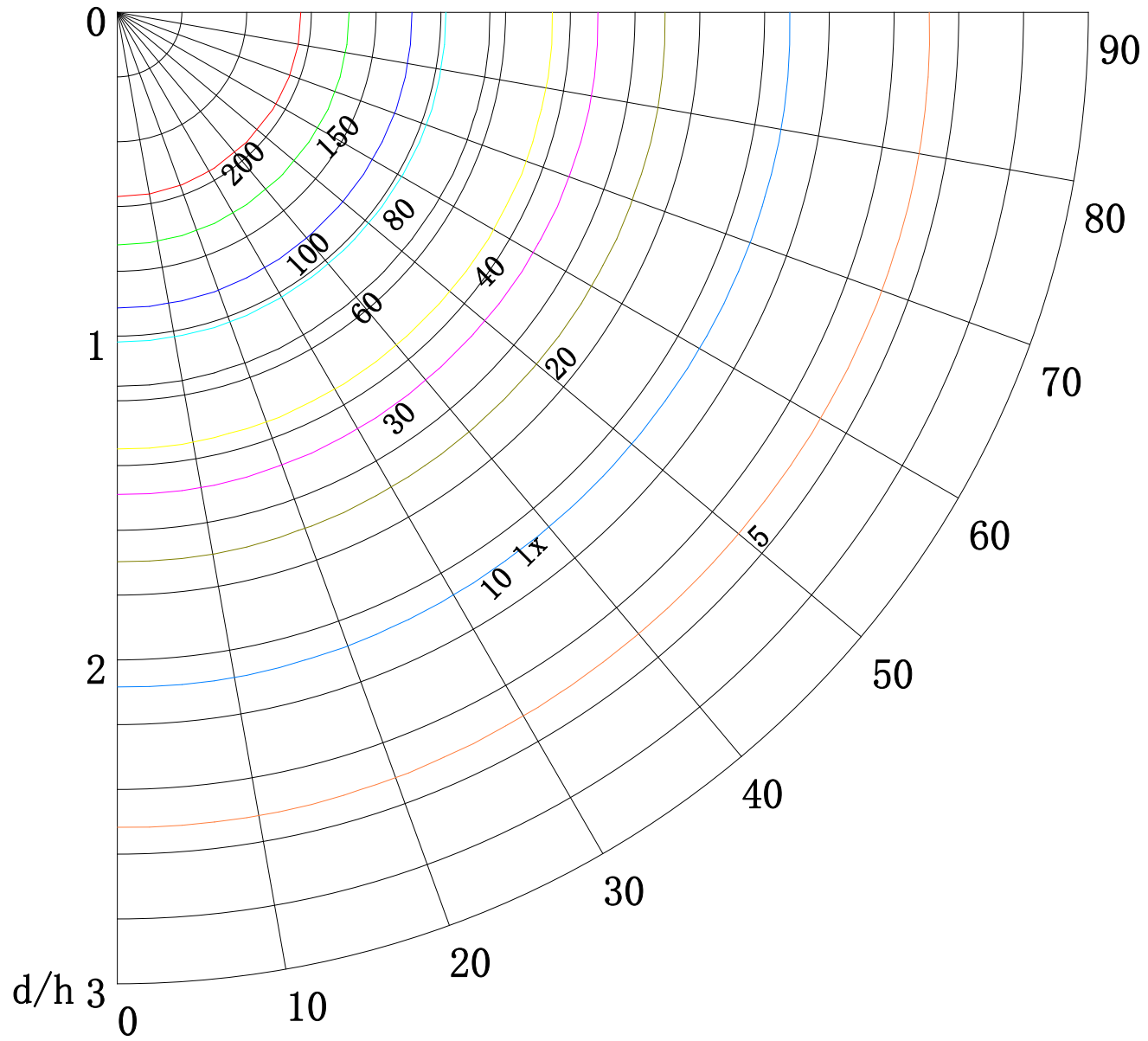
Assessor: Akin Xu

I (cd)



1000 lm

$K = 1$



F = 1000 lm
 K = 0.7
 Hcc = 0.8 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
— (thin)	70	50	30
— (thick)	50	30	20

