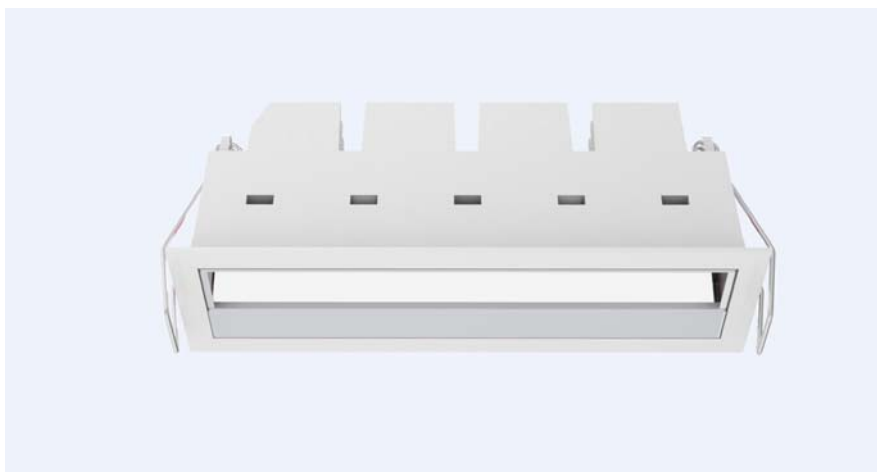

LED Downlight FUSION Series LE-
FW5-11W-940



Light Output Ratio:	100.0%	
Luminaire Power:	11.94 W	
SHR Nominal:	1.25	Calculated using the TM5
SHR Maximum:	1.30	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

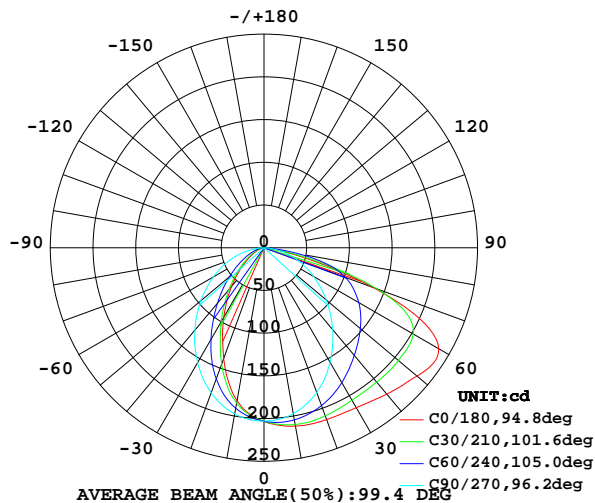
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

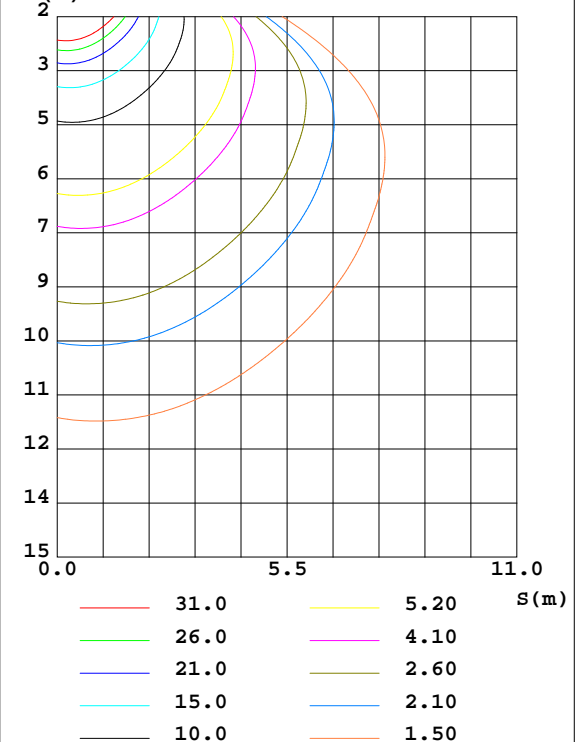
Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.15 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	240.0	S/MH(C0/180)	0.81
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	551.21	η UP,DN(C0-180)	0.0,52.7
NOMINAL FLUX(lm)	551.209	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



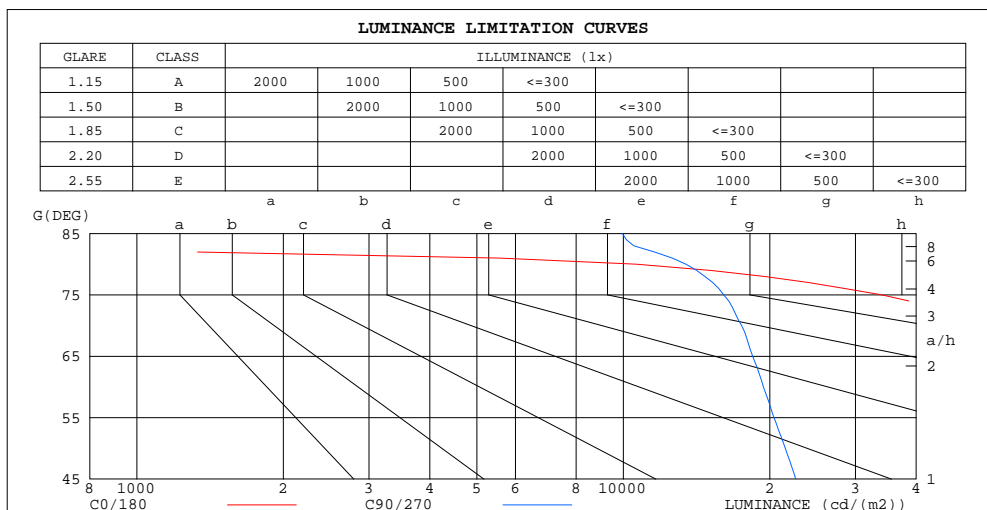
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	212.0	207.6	197.3	187.3	181.8	187.4	197.5	207.5	0- 10	19.11	19.11	3.47,3.47
20	214.1	204.0	180.4	152.9	138.1	152.7	180.7	204.0	10- 20	53.20	72.31	13.1,13.1
30	216.1	195.2	154.8	108.9	94.43	108.8	155.4	195.5	20- 30	76.58	148.9	27,27
40	223.6	185.9	125.1	71.21	59.22	71.05	125.8	186.6	30- 40	89.04	237.9	43.2,43.2
50	233.8	177.4	95.28	42.61	32.38	42.39	96.38	178.5	40- 50	93.70	331.6	60.2,60.2
60	236.0	164.9	66.81	23.14	15.29	23.02	68.53	165.9	50- 60	92.88	424.5	77,77
70	135.9	128.3	41.22	11.47	6.905	11.47	42.94	127.8	60- 70	80.73	505.2	91.7,91.7
80	12.70	30.56	16.08	4.668	2.894	4.646	17.40	28.57	70- 80	40.56	545.8	99,99
90	0.0700	0.1028	0.4242	0.5182	0.4854	0.4657	0.1246	0.0678	80- 90	5.406	551.2	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	421	9956
80	10623	13453
75	34025	16084
70	57720	17504
65	70632	18449
60	68560	19408
55	60649	20408
50	52826	21530
45	46893	22621

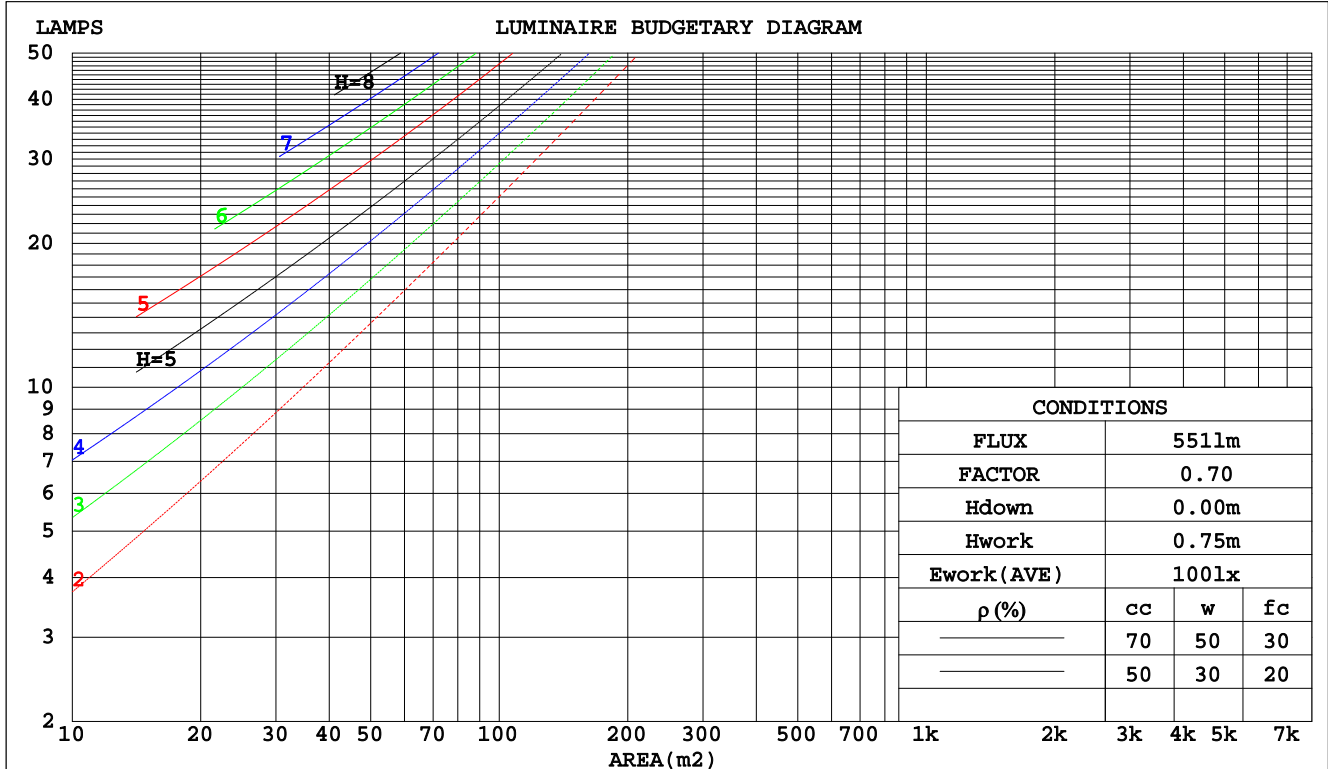
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.94	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.35	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.308	.175	.055	.301	.172	.054	.287	.165	.053	.275	.159	.051	.264	.153	.049		
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045		
3.0	.273	.145	.044	.267	.143	.043	.257	.139	.042	.247	.136	.042	.238	.132	.041		
4.0	.252	.131	.038	.247	.129	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037		
5.0	.233	.119	.034	.228	.117	.034	.220	.115	.034	.213	.112	.033	.206	.110	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.198	.103	.030	.191	.101	.030		
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.095	.028	.179	.093	.027		
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm										
NAME: FW5-11W-940					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L153mm*W45mm*H60mm					
MFR.:										
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	29.9	31.5	30.2	31.7	31.9	25.3	26.9	25.6	27.1	27.3
3H	32.0	33.4	32.3	33.7	33.9	26.8	28.2	27.1	28.4	28.7
4H	32.3	33.7	32.6	33.9	34.2	27.3	28.7	27.6	28.9	29.2
6H	32.3	33.6	32.7	33.9	34.1	27.7	29.0	28.0	29.3	29.5
8H	32.3	33.5	32.6	33.8	34.1	27.8	29.0	28.1	29.3	29.6
12H	32.2	33.4	32.6	33.7	34.0	27.8	29.0	28.2	29.3	29.6
4H 2H	30.4	31.8	30.8	32.1	32.3	27.3	28.7	27.7	29.0	29.2
3H	32.7	33.9	33.0	34.2	34.5	29.0	30.2	29.4	30.5	30.8
4H	33.1	34.2	33.5	34.5	34.8	29.8	30.8	30.1	31.2	31.5
6H	33.1	34.1	33.5	34.5	34.8	30.3	31.2	30.7	31.6	31.9
8H	33.1	34.0	33.5	34.4	34.7	30.4	31.3	30.8	31.7	32.0
12H	33.0	33.9	33.5	34.3	34.7	30.5	31.3	30.9	31.7	32.1
8H 4H	33.3	34.1	33.7	34.5	34.9	30.5	31.4	30.9	31.7	32.1
6H	33.3	34.1	33.8	34.5	34.9	31.1	31.9	31.6	32.3	32.7
8H	33.3	34.0	33.8	34.4	34.8	31.3	32.0	31.8	32.4	32.9
12H	33.3	33.8	33.7	34.3	34.7	31.5	32.0	31.9	32.5	33.0
12H 4H	33.2	34.1	33.7	34.4	34.9	30.4	31.3	30.9	31.6	32.1
6H	33.3	34.0	33.8	34.4	34.9	31.1	31.8	31.6	32.2	32.7
8H	33.3	33.9	33.8	34.3	34.8	31.4	31.9	31.8	32.4	32.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.8 / - 0.9					+ 0.4 / - 0.7				

CIE Pub.117 Corrected 551.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	93	85	78	89	82	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

284.58 lm

%lum = 51.6%

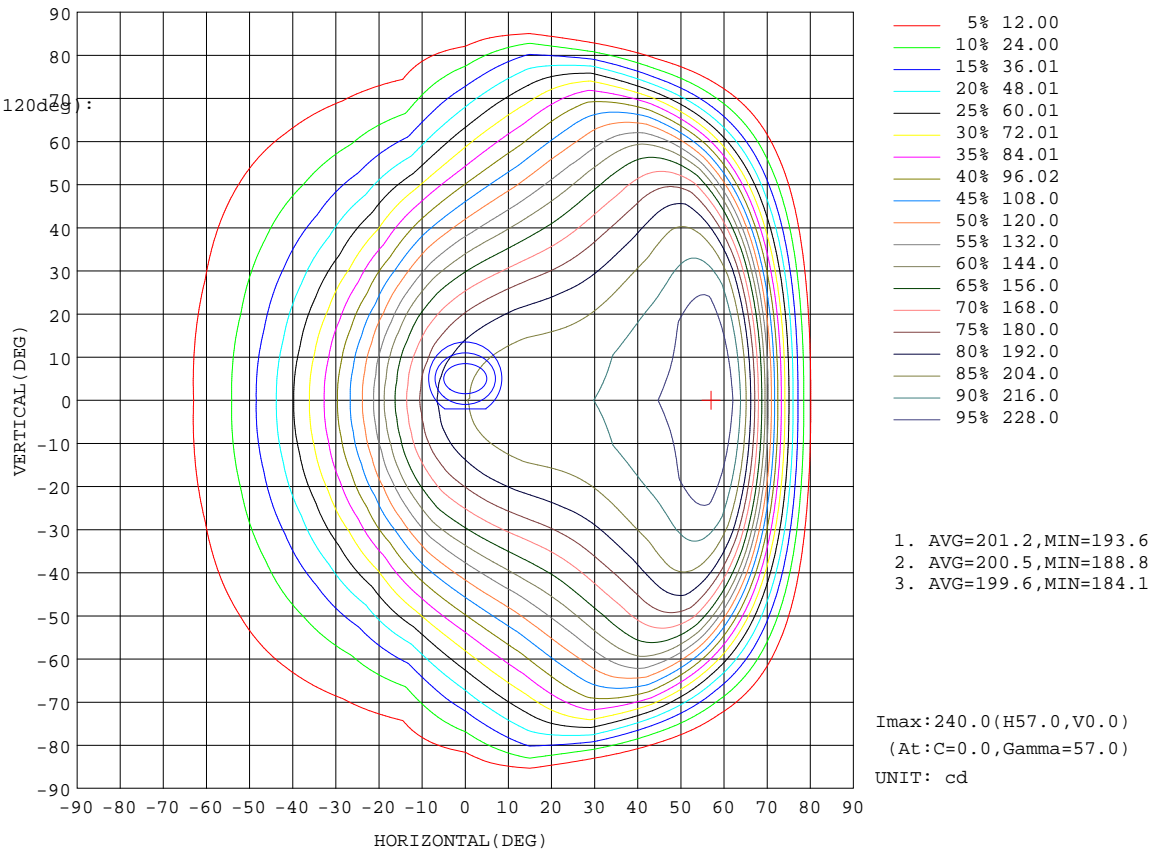
%lamp = 51.6%

Conical surface Flux(120deg):

424.52 lm

%lum = 77.0%

%lamp = 77.0%

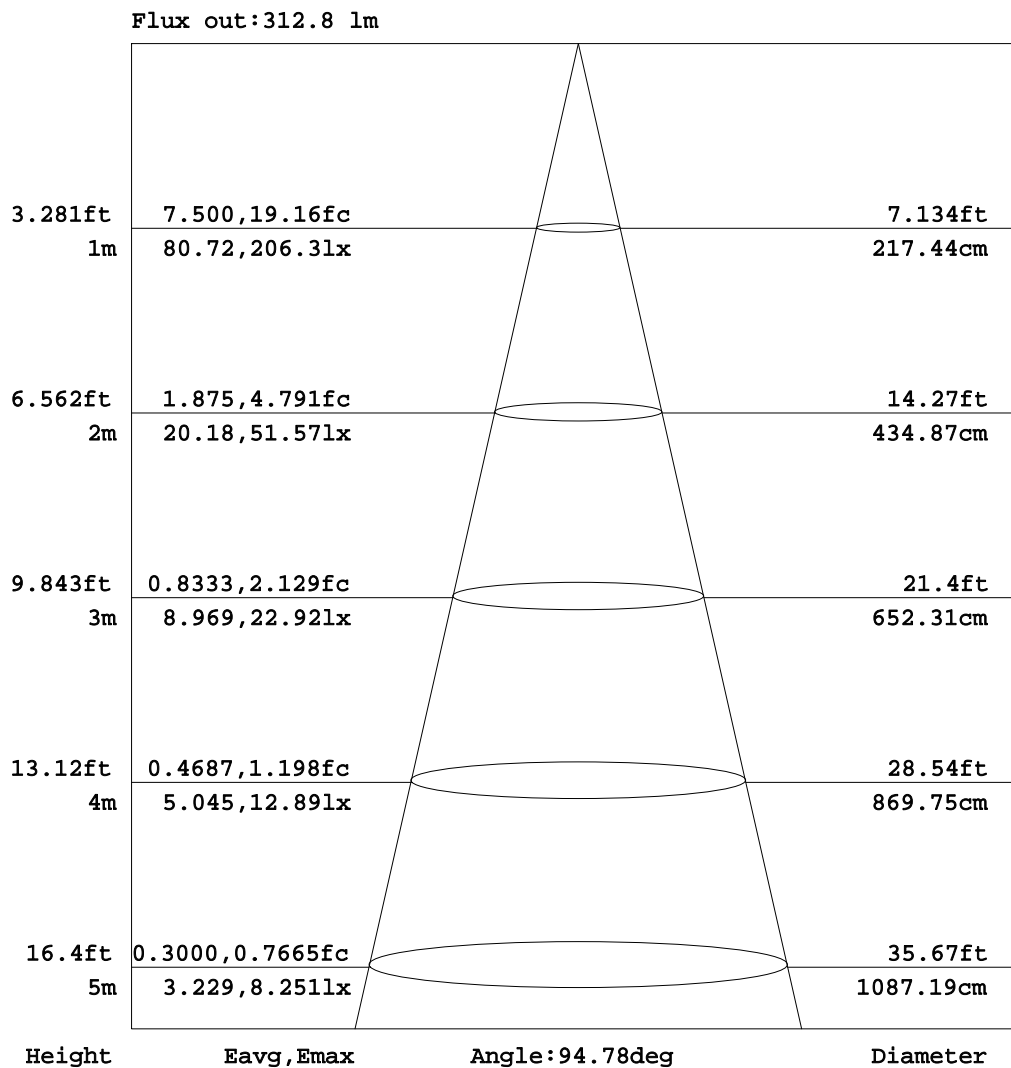


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



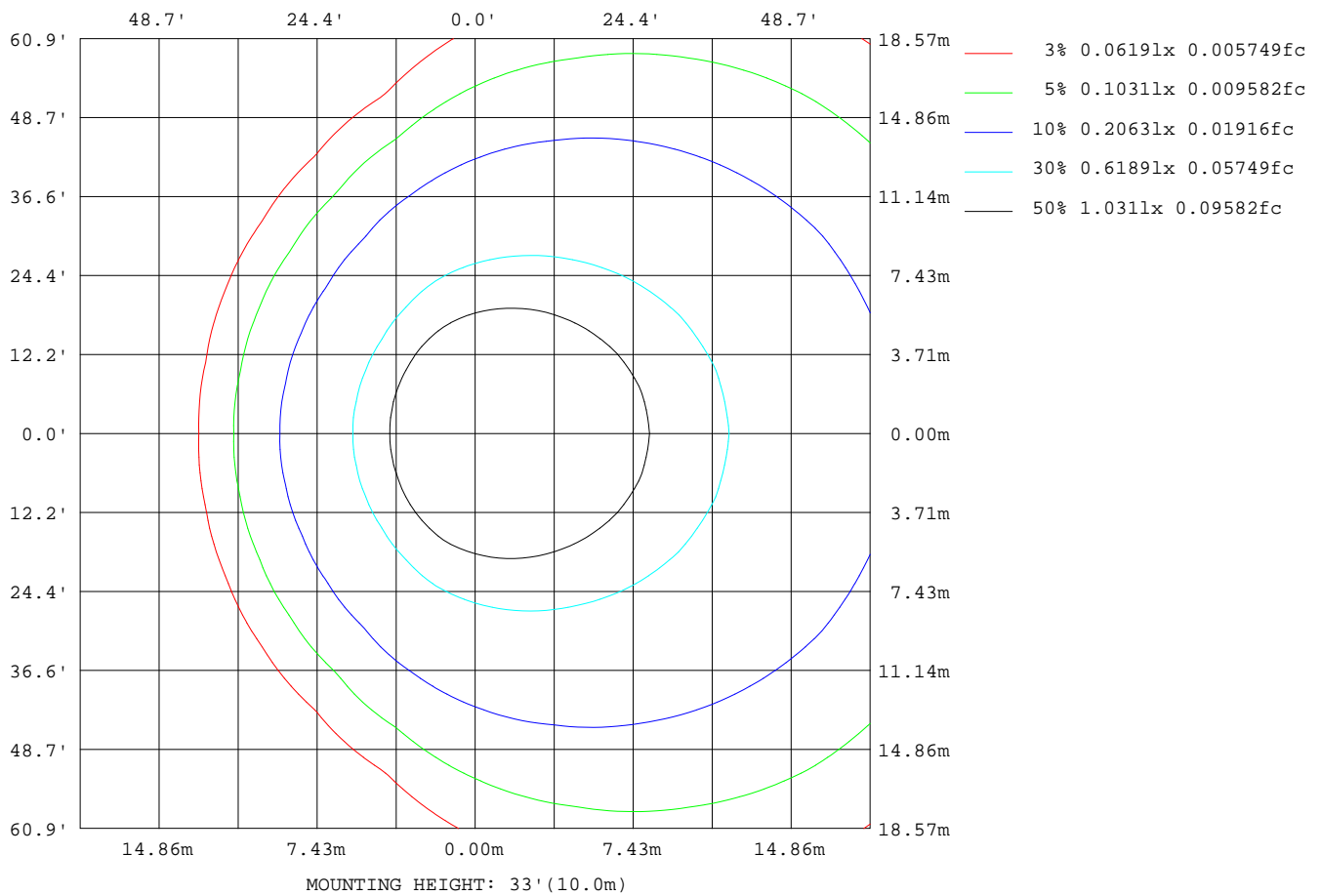
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

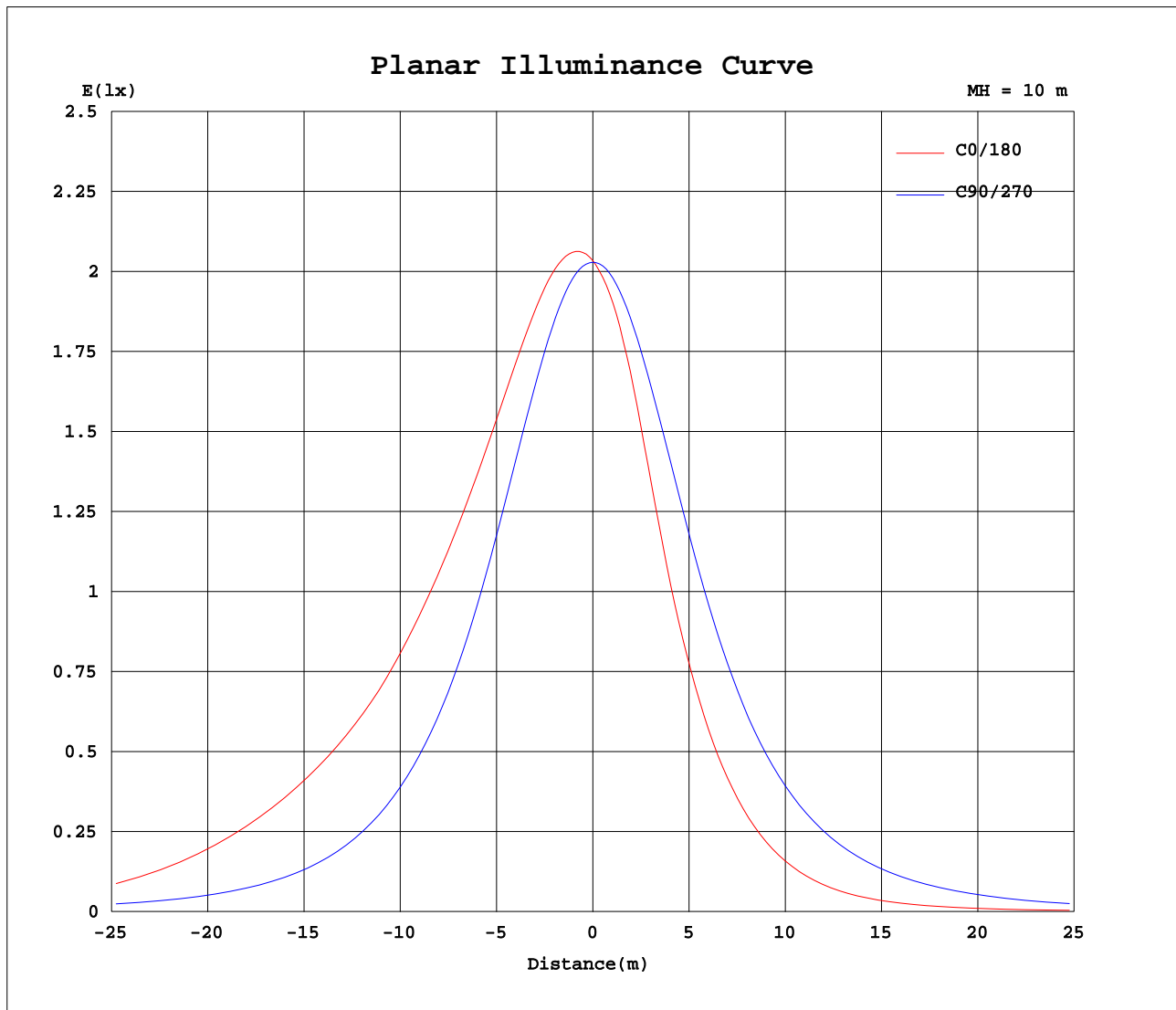
Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0565A P:11.94W PF:0.9586 Lamp Flux:551.209x1 lm		
NAME: FW5-11W-940	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

```

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	203.4	203.2	203.2	203.0	203.1	203.0	202.9	202.9	202.8	202.8
3.0	206.8	206.5	206.2	205.4	204.6	203.6	202.4	201.4	200.3	199.5
6.0	209.4	209.0	208.3	206.9	205.2	203.3	201.0	199.0	196.8	195.2
9.0	211.4	210.9	209.7	207.6	204.9	201.8	198.4	195.3	192.2	189.6
12.0	212.8	212.2	210.4	207.5	203.6	199.4	194.7	190.5	186.1	181.8
15.0	213.6	212.9	210.6	206.6	201.6	196.0	190.0	184.6	178.5	172.4
18.0	213.9	213.0	210.0	205.2	198.8	191.9	184.5	177.7	169.3	161.2
21.0	214.1	213.0	209.1	203.2	195.5	187.0	178.1	169.9	159.4	148.8
24.0	214.4	213.0	208.0	200.8	191.6	181.5	171.0	161.3	148.2	135.8
27.0	215.0	213.1	207.0	198.0	187.2	175.4	163.1	151.8	136.2	121.8
30.0	216.1	213.7	206.1	195.2	182.2	168.6	154.8	141.6	124.1	108.9
33.0	217.9	214.7	205.5	192.3	177.0	161.5	145.9	130.9	111.7	96.77
36.0	220.0	216.2	205.2	189.4	171.7	154.3	137.0	120.1	99.57	85.39
39.0	222.7	218.2	205.2	186.7	166.3	147.0	128.1	109.5	88.10	74.70
42.0	225.5	220.3	205.4	184.2	161.0	139.7	119.1	98.95	77.46	64.65
45.0	228.3	222.4	205.7	181.8	155.8	132.2	110.1	88.61	67.22	55.83
48.0	231.0	224.2	205.7	179.2	150.7	124.7	101.2	78.35	58.07	47.65
51.0	235.2	227.0	205.1	176.4	145.5	117.3	92.31	68.20	49.46	40.25
54.0	238.7	229.7	205.2	173.2	140.2	109.9	83.50	58.36	41.81	33.82
57.0	240.0	230.8	204.4	169.1	134.4	102.3	75.05	49.13	34.92	28.19
60.0	236.0	227.8	201.7	164.9	128.0	94.75	66.81	40.75	28.73	23.14
63.0	222.2	216.9	194.4	158.7	121.0	87.16	58.97	33.23	23.43	18.94
66.0	194.5	193.6	179.1	149.6	113.4	79.42	51.11	26.44	18.93	15.39
69.0	152.2	156.0	152.1	135.7	104.8	71.40	43.78	20.57	15.01	12.40
72.0	103.4	108.9	114.1	112.5	94.06	63.09	36.13	15.71	11.82	9.832
75.0	60.63	65.24	72.87	82.29	79.27	54.31	28.66	11.75	9.121	7.720
78.0	27.98	31.75	38.10	49.57	58.02	45.09	21.08	8.544	6.853	5.820
81.0	6.013	8.760	13.44	22.47	33.06	34.24	13.59	5.919	4.893	4.163
84.0	0.3364	0.4427	0.6536	3.281	11.70	20.10	7.304	3.785	3.159	2.827
87.0	0.1124	0.1439	0.2177	0.2832	0.4854	4.928	3.747	1.929	1.720	1.552
90.0	0.0700	0.0787	0.1050	0.1028	0.1028	0.1028	0.4242	0.3870	0.4985	0.5182
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	202.7	202.8	203.4	203.2	203.0	203.1	203.0	202.9	202.9	202.9
3.0	198.7	198.4	198.9	198.8	199.3	199.8	200.7	201.5	202.6	203.5
6.0	193.7	192.9	193.2	193.2	194.3	195.4	197.2	199.0	201.2	203.2
9.0	186.6	184.9	184.9	185.2	187.6	189.7	192.5	195.3	198.6	201.7
12.0	177.6	175.0	174.8	175.3	178.4	181.7	186.6	190.4	195.0	199.3
15.0	166.0	162.3	161.6	162.5	167.0	172.4	179.1	184.4	190.4	196.0
18.0	153.2	148.7	147.7	148.9	154.2	161.0	169.9	177.6	184.8	191.9
21.0	139.4	134.6	133.1	134.4	140.3	148.4	160.0	169.7	178.5	187.1
24.0	125.5	120.4	119.2	120.7	125.8	135.3	148.8	161.0	171.4	181.6
27.0	112.4	107.7	106.5	107.9	112.5	121.8	136.8	151.6	163.6	175.4
30.0	100.0	95.62	94.43	95.71	100.1	108.8	124.2	141.3	155.4	168.8
33.0	88.22	83.85	82.85	83.92	88.31	96.63	111.9	130.9	146.7	161.8
36.0	76.98	73.35	72.44	73.33	76.99	85.16	99.81	120.5	138.0	154.7
39.0	66.76	63.39	62.45	63.14	66.98	74.50	88.40	110.0	128.7	147.6
42.0	57.40	54.05	53.14	53.81	57.62	64.29	77.76	99.47	119.9	140.5
45.0	48.80	45.66	44.72	45.42	49.01	55.50	67.86	89.06	111.1	133.4
48.0	41.17	38.11	37.11	37.92	41.36	47.37	58.63	78.85	102.3	126.1
51.0	34.50	31.29	30.16	31.09	34.69	40.03	49.92	68.56	93.43	118.8
54.0	28.50	25.36	24.26	25.22	28.70	33.62	42.21	58.55	84.77	111.4
57.0	23.36	20.47	19.34	20.36	23.57	28.04	35.27	49.34	76.50	104.0
60.0	19.13	16.40	15.29	16.31	19.36	23.02	29.05	40.96	68.53	96.45
63.0	15.57	13.07	11.98	13.05	15.80	18.83	23.75	33.42	60.65	88.84
66.0	12.61	10.40	9.445	10.38	12.82	15.33	19.19	26.58	52.89	81.11
69.0	10.19	8.317	7.465	8.344	10.40	12.39	15.26	20.72	45.52	73.01
72.0	8.187	6.622	5.904	6.683	8.354	9.840	12.00	15.91	37.87	64.35
75.0	6.411	5.109	4.502	5.117	6.549	7.733	9.304	11.91	30.21	55.33
78.0	4.785	3.898	3.447	3.919	4.913	5.824	6.987	8.654	22.57	45.64
81.0	3.568	2.958	2.620	2.967	3.649	4.147	4.997	5.995	14.81	33.90
84.0	2.416	2.009	1.790	2.015	2.451	2.783	3.201	3.770	8.174	18.56
87.0	1.368	1.178	1.065	1.183	1.363	1.495	1.666	1.844	3.957	3.524
90.0	0.5248	0.4788	0.4854	0.4876	0.4679	0.4657	0.3804	0.2667	0.1246	0.0853
G/C	300.0	315.0	330.0	345.0						
0.0	202.8	202.8	202.7	202.8						
3.0	204.4	205.2	205.7	206.2						
6.0	205.1	206.7	207.9	208.7						
9.0	204.8	207.4	209.4	210.6						
12.0	203.7	207.3	210.2	211.9						
15.0	201.7	206.6	210.4	212.6						
18.0	199.1	205.3	210.0	212.8						
21.0	195.8	203.3	209.2	212.8						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

24.0	192.0	200.9	208.2	212.8
27.0	187.7	198.3	207.1	212.9
30.0	182.8	195.5	206.3	213.5
33.0	177.8	192.7	205.8	214.7
36.0	172.5	190.0	205.6	216.3
39.0	167.4	187.4	205.7	218.3
42.0	162.2	185.0	206.0	220.4
45.0	157.2	182.6	206.3	222.6
48.0	152.2	180.2	206.4	224.4
51.0	147.2	177.5	206.0	227.2
54.0	141.9	174.3	206.0	229.9
57.0	136.3	170.3	205.3	230.9
60.0	129.5	165.9	202.6	227.8
63.0	122.4	159.4	195.3	216.6
66.0	114.9	149.9	180.0	193.0
69.0	106.0	134.5	153.1	154.9
72.0	94.75	111.2	114.5	108.5
75.0	79.18	79.85	73.20	65.23
78.0	57.27	47.04	38.49	31.38
81.0	31.96	20.64	13.74	8.582
84.0	10.72	2.054	0.5747	0.4045
87.0	0.3523	0.2155	0.1413	0.1232
90.0	0.0700	0.0678	0.0634	0.0590

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks: