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LED Downlight FUSION Series LE-FF3-FS1-9W-940-24D  
Specular

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Light Output Ratio:	100.0%	
Luminaire Power:	10.25 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-05

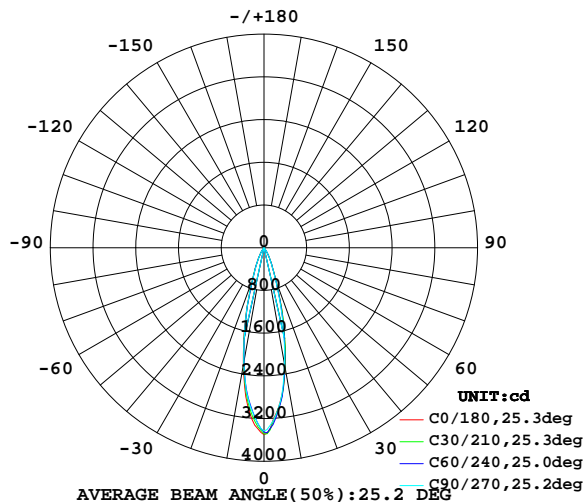
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

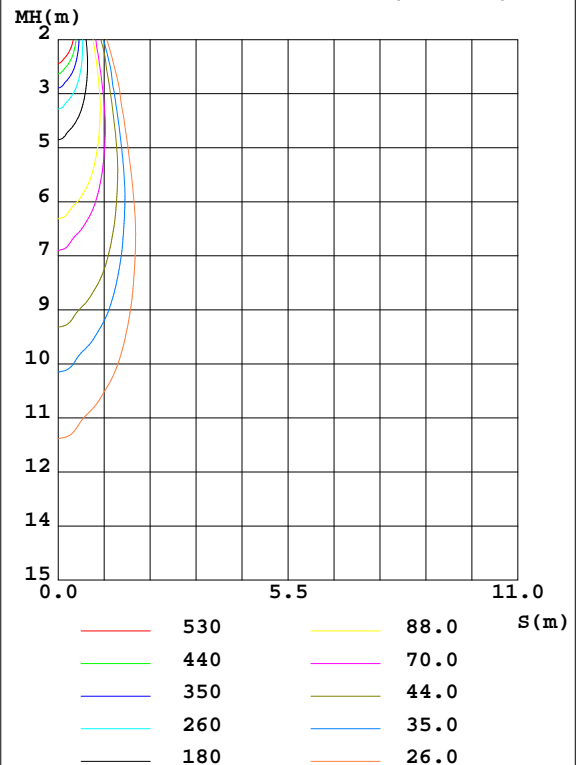
Test:U:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.24 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	3501	S/MH(C0/180)	0.42
NOMINAL POWER(W)	11.0	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	853.27	η UP,DN(C0-180)	0.0,50.3
NOMINAL FLUX(lm)	853.267	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



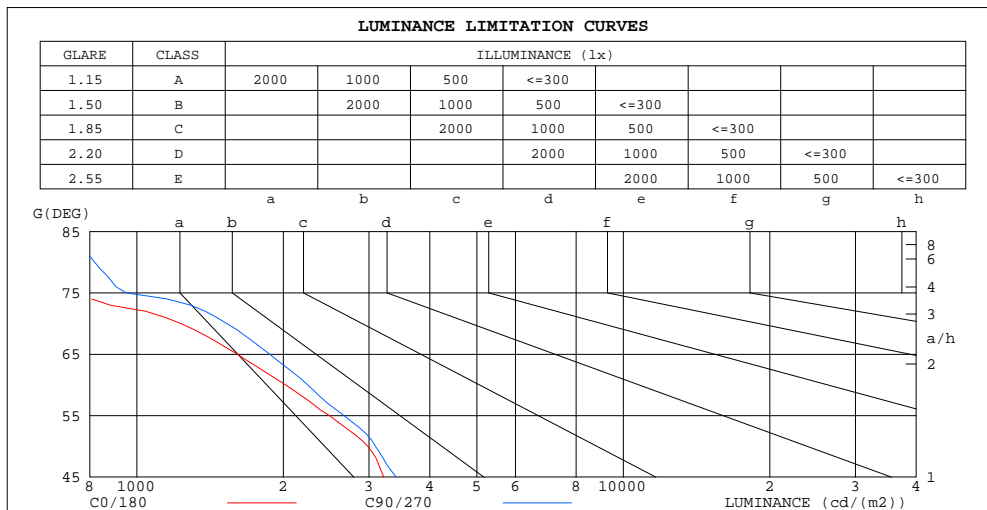
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-05

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	2275	2286	2208	2194	2229	2159	2175	2210	0- 10	263.1	263.1	30.8,30.8
20	659.2	673.9	626.4	603.4	644.2	594.9	630.3	667.0	10- 20	358.5	621.7	72.9,72.9
30	164.0	171.0	166.5	168.2	165.4	159.2	157.7	157.6	20- 30	154.7	776.4	91,91
40	26.99	28.65	26.97	28.02	28.28	26.93	27.26	28.48	30- 40	46.35	822.8	96.4,96.4
50	13.13	13.17	13.61	14.71	14.89	14.14	13.22	12.61	40- 50	13.36	836.1	98,98
60	6.912	7.200	7.677	8.509	8.956	8.214	7.467	6.860	50- 60	9.422	845.6	99.1,99.1
70	2.885	3.183	3.585	3.956	4.003	3.477	3.075	2.770	60- 70	5.304	850.9	99.7,99.7
80	0.7643	0.8780	0.9721	1.066	1.007	0.9302	0.8362	0.7770	70- 80	1.947	852.8	99.9,99.9
90	0.0394	0.0372	0.0459	0.0568	0.0372	0.0350	0.0284	0.0306	80- 90	0.4461	853.3	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(°)	C0/180	C90/270
85	475	739
80	643	818
75	785	952
70	1233	1532
65	1609	1875
60	2021	2245
55	2489	2667
50	2985	3096
45	3219	3412

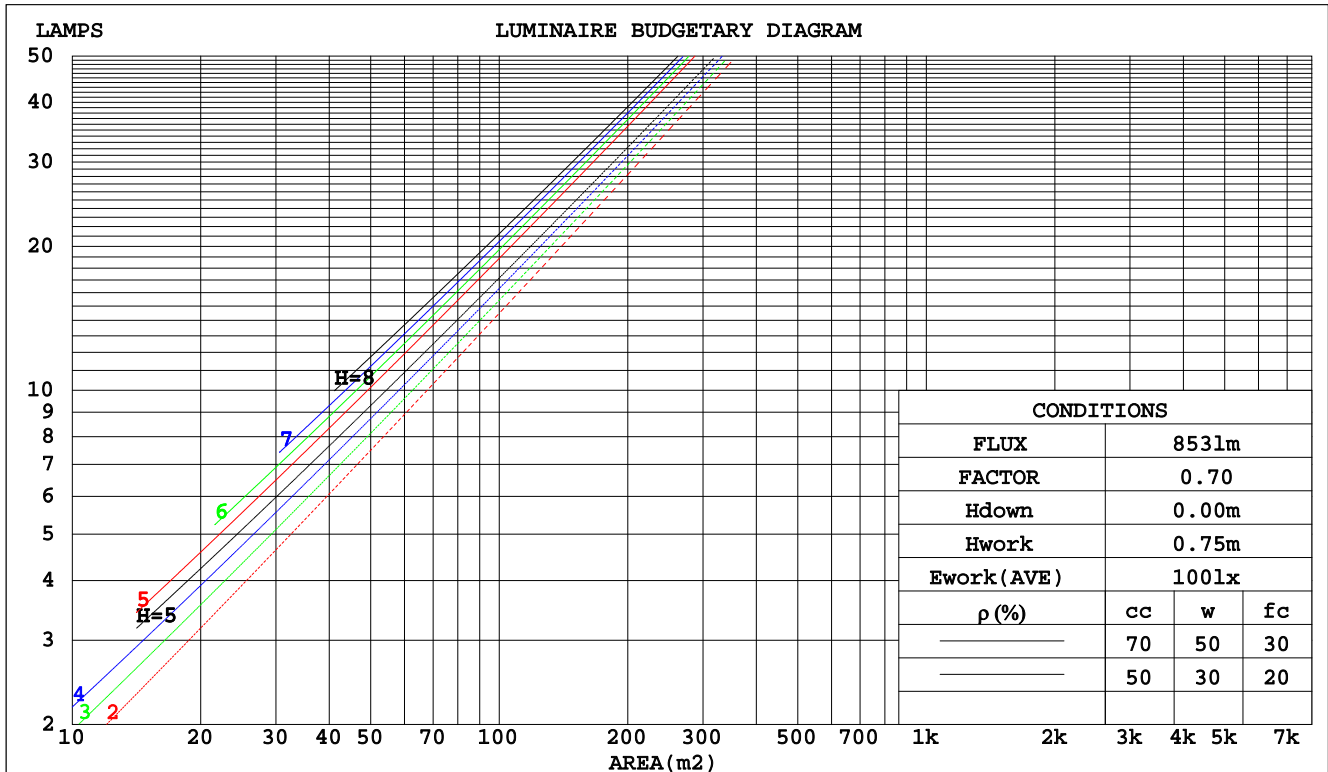
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-05

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.00	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.98	.94	1.00	.97	.94	.98	.95	.92	.95	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.89	.85	.92	.88	.85	.91	.87	.84	.89	.86	.84	.88	.85	.83	.82
6.0	.89	.85	.82	.89	.85	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79
7.0	.86	.82	.79	.86	.81	.78	.84	.81	.78	.83	.80	.78	.82	.79	.77	.76
8.0	.83	.79	.76	.83	.78	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.74
9.0	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.78	.75	.72	.71
10.0	.78	.74	.71	.78	.73	.71	.77	.73	.71	.76	.73	.70	.76	.72	.70	.69



C Range: 0 - 360DEG  
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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	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	.147	.083	.026	.140	.080	.025	.128	.073	.023	.116	.067	.022	.106	.061	.020	
2.0	.137	.075	.023	.132	.072	.022	.121	.067	.021	.112	.063	.020	.103	.058	.018	
3.0	.128	.068	.020	.124	.066	.020	.115	.062	.019	.107	.059	.018	.099	.055	.017	
4.0	.120	.063	.018	.116	.061	.018	.109	.058	.017	.102	.055	.017	.096	.052	.016	
5.0	.113	.058	.017	.110	.057	.016	.104	.054	.016	.098	.052	.015	.093	.049	.015	
6.0	.107	.054	.015	.105	.053	.015	.099	.051	.015	.094	.049	.014	.089	.047	.014	
7.0	.102	.050	.014	.100	.050	.014	.095	.048	.014	.090	.046	.013	.086	.045	.013	
8.0	.097	.047	.013	.095	.047	.013	.091	.045	.013	.087	.044	.013	.083	.043	.012	
9.0	.093	.045	.013	.091	.044	.012	.087	.043	.012	.084	.042	.012	.080	.041	.012	
10.0	.089	.043	.012	.087	.042	.012	.084	.041	.012	.081	.040	.011	.078	.039	.011	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.099	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.054	.091	.066	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.031	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-05

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:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm										
NAME: FF3-FS1-9W-940-24D Specular					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	9.1	9.8	9.3	10.0	10.1	9.3	10.0	9.5	10.2	10.4
3H	9.4	10.0	9.6	10.2	10.4	9.7	10.3	9.9	10.5	10.7
4H	9.4	10.0	9.6	10.2	10.4	9.7	10.4	10.0	10.6	10.8
6H	9.3	9.9	9.6	10.2	10.4	9.7	10.3	10.0	10.6	10.8
8H	9.3	9.9	9.6	10.1	10.4	9.7	10.3	10.0	10.6	10.8
12H	9.3	9.8	9.6	10.1	10.4	9.7	10.3	10.0	10.5	10.8
4H 2H	9.2	9.8	9.4	10.0	10.2	9.4	10.0	9.7	10.2	10.5
3H	9.5	10.1	9.8	10.3	10.6	9.8	10.4	10.1	10.6	10.9
4H	9.6	10.1	9.9	10.4	10.7	9.9	10.4	10.3	10.7	11.0
6H	9.6	10.0	9.9	10.3	10.7	10.0	10.4	10.3	10.7	11.1
8H	9.5	10.0	9.9	10.3	10.7	10.0	10.4	10.3	10.7	11.1
12H	9.5	9.9	9.9	10.3	10.6	9.9	10.3	10.3	10.7	11.1
8H 4H	9.5	9.9	9.9	10.3	10.6	9.9	10.3	10.2	10.6	11.0
6H	9.5	9.9	10.0	10.3	10.7	9.9	10.3	10.3	10.7	11.1
8H	9.5	9.8	10.0	10.3	10.7	9.9	10.2	10.4	10.7	11.1
12H	9.5	9.8	10.0	10.2	10.7	9.9	10.2	10.4	10.6	11.1
12H 4H	9.5	9.8	9.9	10.2	10.6	9.8	10.2	10.2	10.6	10.9
6H	9.5	9.8	9.9	10.2	10.7	9.9	10.2	10.3	10.6	11.0
8H	9.5	9.8	10.0	10.2	10.7	9.9	10.2	10.4	10.6	11.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 1.6					+ 1.5 / - 1.4				
1.5H	+ 2.3 / - 1.0					+ 2.5 / - 1.0				
2.0H	+ 1.0 / - 1.1					+ 1.0 / - 1.1				

CIE Pub.117 Corrected 853.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-05

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:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	100	95	92	100	95	91	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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## ISOCANDELA DIAGRAM

Test:U:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

830.12 lm

%lum = 97.3%

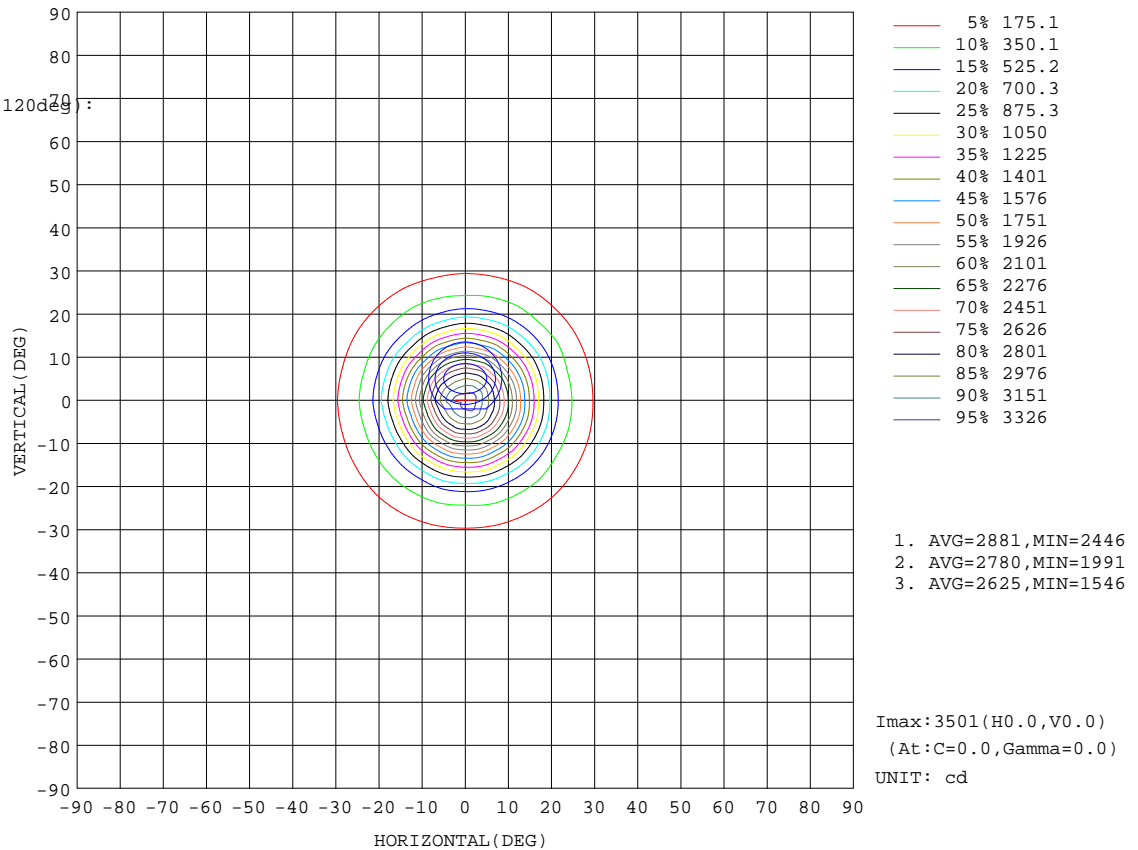
%lamp = 97.3%

Conical surface Flux(120deg):

845.57 lm

%lum = 99.1%

%lamp = 99.1%



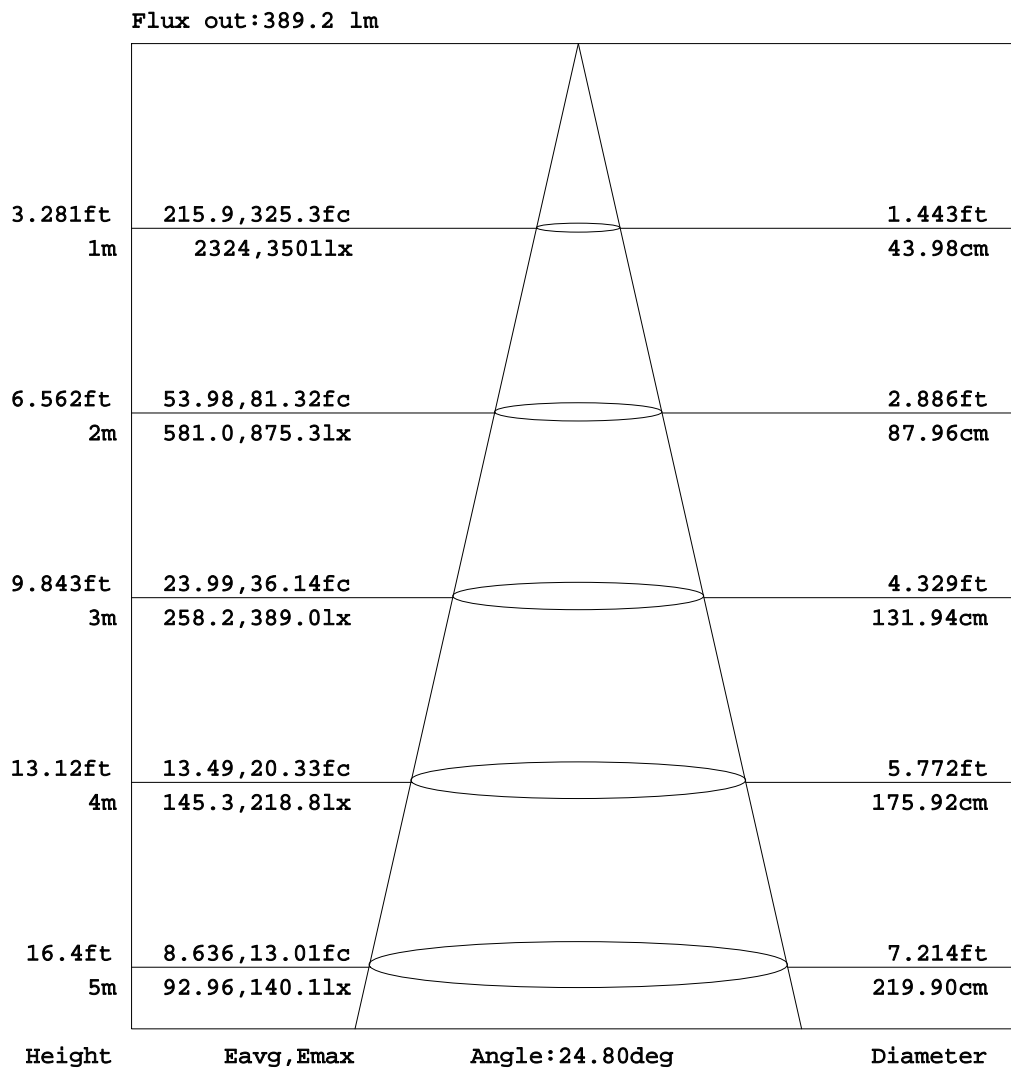
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## AAI Figure

Test:U:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
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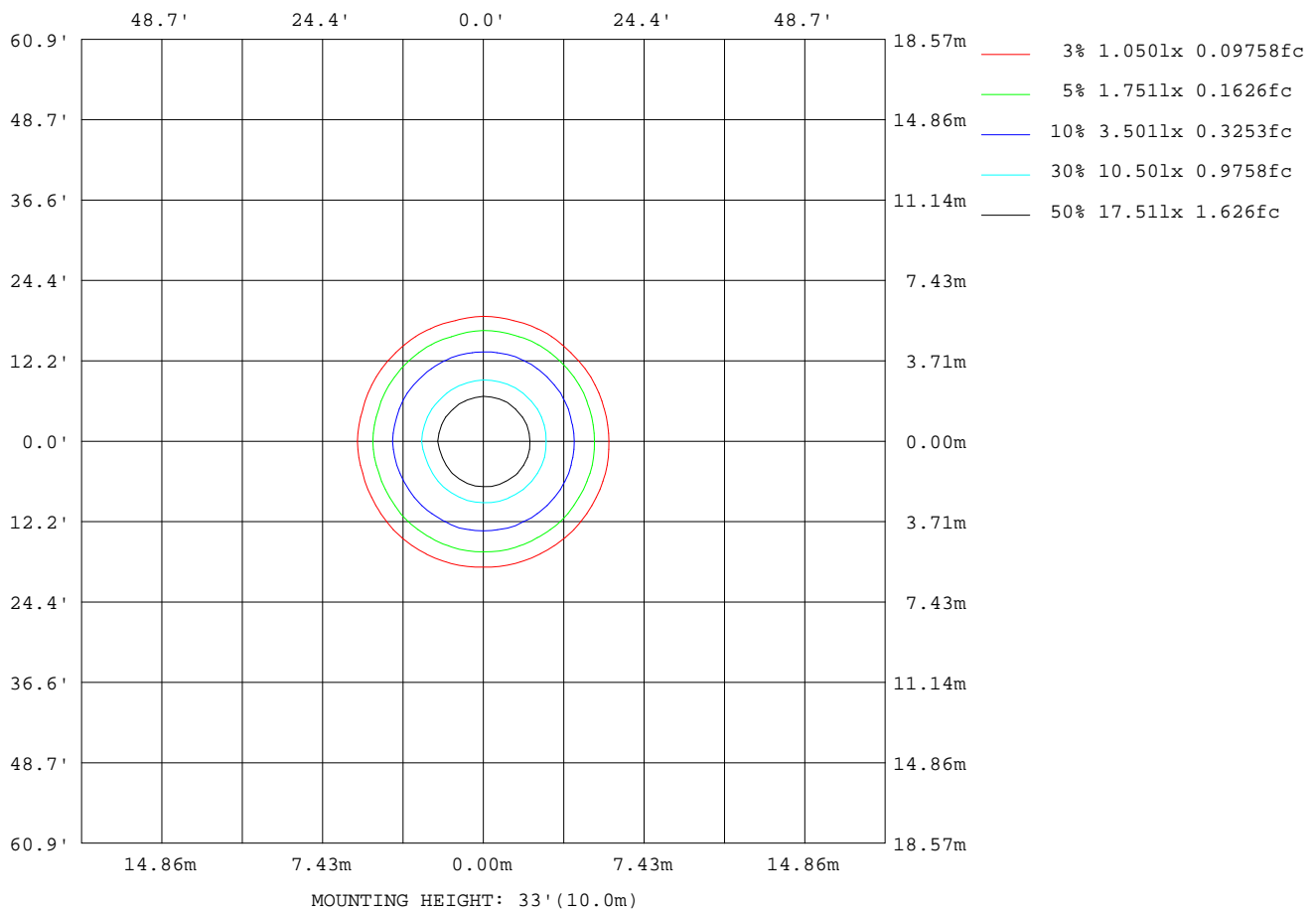
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

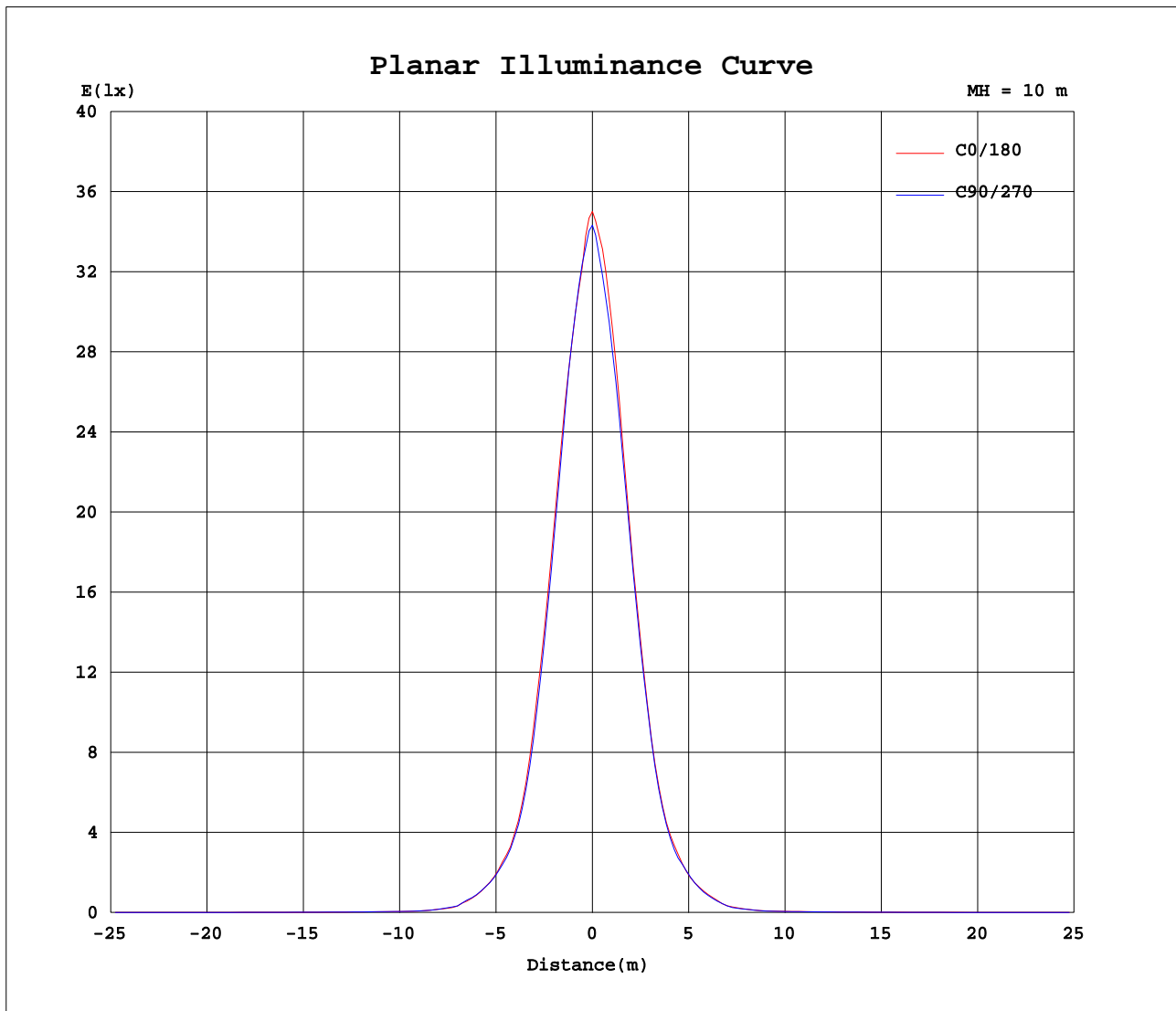
Test:U:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	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: 2017-06-05

```

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:220.8V I:0.0541A P:10.25W PF:0.8586 Lamp Flux:853.267x1 lm		
NAME: FF3-FS1-9W-940-24D Specular	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: 2017-06-05

```

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	3501	3495	3489	3472	3449	3441	3433	3429	3418	3421
3.0	3233	3269	3267	3325	3315	3280	3251	3251	3224	3222
6.0	2900	2923	2930	2962	2940	2930	2906	2919	2885	2889
9.0	2456	2476	2447	2472	2439	2449	2399	2415	2380	2386
12.0	1906	1930	1917	1919	1872	1876	1836	1845	1798	1804
15.0	1377	1406	1389	1385	1340	1350	1312	1313	1281	1288
18.0	901.2	921.1	901.2	908.4	876.5	875.4	851.8	852.9	820.6	820.5
21.0	563.9	575.7	570.3	575.7	554.7	553.7	537.9	540.7	517.9	518.7
24.0	379.3	386.7	373.1	385.0	382.0	384.0	361.2	375.7	371.1	366.8
27.0	252.3	254.4	250.9	253.3	247.0	250.6	247.6	246.6	243.0	243.9
30.0	164.0	169.1	168.7	171.0	168.9	169.5	166.5	169.3	169.7	168.2
33.0	98.46	100.2	96.51	98.69	99.43	101.4	106.9	111.2	110.9	108.6
36.0	47.51	48.86	49.65	51.09	52.86	53.26	53.50	52.94	55.61	55.58
39.0	34.07	34.85	35.14	35.44	34.13	33.89	32.26	32.45	32.11	32.61
42.0	18.65	18.95	19.00	19.49	19.33	19.75	19.83	20.51	20.68	21.32
45.0	15.57	15.68	15.71	16.06	15.92	16.22	16.50	16.87	17.38	17.90
48.0	14.20	14.25	14.10	14.40	14.35	14.51	14.71	15.11	15.58	15.88
51.0	12.49	12.53	12.42	12.56	12.60	12.85	13.08	13.41	13.76	14.09
54.0	10.40	10.47	10.43	10.57	10.57	10.92	11.12	11.53	11.79	12.13
57.0	8.540	8.604	8.581	8.709	8.750	9.060	9.190	9.550	9.871	10.23
60.0	6.912	7.012	7.030	7.200	7.255	7.497	7.677	7.976	8.202	8.509
63.0	5.472	5.569	5.614	5.814	5.880	6.122	6.274	6.561	6.714	6.968
66.0	4.266	4.350	4.406	4.597	4.677	4.890	5.025	5.268	5.375	5.568
69.0	3.216	3.292	3.345	3.522	3.600	3.797	3.937	4.121	4.191	4.337
72.0	2.204	2.321	2.389	2.535	2.617	2.802	2.923	3.080	3.111	3.224
75.0	1.390	1.427	1.456	1.516	1.551	1.626	1.685	1.809	1.843	1.939
78.0	1.005	1.042	1.068	1.118	1.138	1.202	1.228	1.280	1.305	1.339
81.0	0.6592	0.7053	0.7379	0.7687	0.7926	0.8365	0.8561	0.8976	0.9087	0.9435
84.0	0.3663	0.4146	0.4385	0.4692	0.4866	0.5238	0.5414	0.5697	0.5830	0.6025
87.0	0.1299	0.1459	0.1759	0.1940	0.2196	0.2399	0.2568	0.2814	0.2875	0.3054
90.0	0.0394	0.0372	0.0394	0.0372	0.0372	0.0372	0.0459	0.0415	0.0612	0.0568
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3409	3414	3501	3495	3489	3472	3449	3441	3433	3429
3.0	3192	3218	3327	3296	3260	3201	3188	3181	3195	3203
6.0	2879	2884	2958	2925	2903	2845	2835	2827	2842	2842
9.0	2350	2347	2419	2383	2381	2352	2350	2337	2356	2357
12.0	1770	1768	1844	1801	1815	1764	1789	1774	1812	1808
15.0	1247	1255	1331	1300	1290	1258	1282	1271	1303	1306
18.0	794.0	807.1	868.6	840.7	835.6	802.7	822.9	819.2	853.5	857.2
21.0	521.7	525.9	555.1	537.7	535.4	518.2	524.9	524.2	542.9	544.7
24.0	361.2	361.7	382.0	364.6	374.3	367.8	382.1	370.0	357.2	376.9
27.0	236.9	238.0	245.2	239.8	241.7	239.9	242.0	237.6	249.9	246.0
30.0	161.8	160.3	165.4	160.1	161.2	159.2	159.4	154.3	157.7	157.6
33.0	101.0	99.44	102.3	98.57	104.9	107.5	115.0	103.7	96.50	93.94
36.0	54.21	51.73	53.17	50.68	50.91	49.68	49.03	47.49	47.55	46.03
39.0	31.68	31.39	32.79	31.25	31.96	31.34	32.06	31.52	33.05	32.64
42.0	20.80	20.69	21.19	20.62	20.58	20.16	19.29	18.63	18.46	18.04
45.0	17.51	17.32	17.69	17.28	17.37	17.02	16.23	15.69	15.44	15.19
48.0	15.67	15.52	15.86	15.57	15.51	15.25	14.79	14.34	14.12	13.92
51.0	13.96	13.99	14.35	13.96	13.81	13.55	13.28	12.84	12.69	12.43
54.0	12.12	12.27	12.54	12.15	11.97	11.73	11.43	11.02	10.89	10.54
57.0	10.24	10.34	10.68	10.33	10.15	9.881	9.625	9.265	9.107	8.827
60.0	8.600	8.708	8.956	8.614	8.501	8.214	7.961	7.613	7.467	7.200
63.0	7.047	7.142	7.311	7.030	6.888	6.591	6.352	6.041	5.898	5.670
66.0	5.622	5.681	5.772	5.547	5.424	5.138	4.932	4.665	4.568	4.370
69.0	4.362	4.387	4.421	4.221	4.130	3.867	3.702	3.492	3.431	3.263
72.0	3.225	3.232	3.231	3.071	2.971	2.737	2.617	2.446	2.393	2.245
75.0	1.896	1.863	1.836	1.758	1.730	1.625	1.573	1.499	1.468	1.418
78.0	1.333	1.298	1.291	1.278	1.249	1.184	1.155	1.090	1.072	1.026
81.0	0.9306	0.9129	0.8885	0.8821	0.8689	0.8186	0.7902	0.7507	0.7290	0.7004
84.0	0.6005	0.5850	0.5607	0.5629	0.5432	0.5061	0.4820	0.4383	0.4230	0.3988
87.0	0.2985	0.2967	0.2811	0.2611	0.2439	0.2173	0.1915	0.1713	0.1412	0.1276
90.0	0.0590	0.0547	0.0372	0.0437	0.0328	0.0350	0.0328	0.0306	0.0284	0.0262
G/C	300.0	315.0	330.0	345.0						
0.0	3418	3421	3409	3414						
3.0	3241	3237	3286	3287						
6.0	2883	2880	2917	2900						
9.0	2405	2394	2428	2444						
12.0	1850	1844	1875	1898						
15.0	1347	1343	1375	1384						
18.0	892.5	895.0	925.5	916.6						
21.0	568.1	569.4	588.5	574.9						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-05

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	378.2	376.6	381.2	368.3
27.0	252.6	250.2	253.6	250.6
30.0	161.1	157.6	162.2	163.1
33.0	96.31	93.06	93.32	92.67
36.0	47.08	46.66	47.69	46.97
39.0	33.29	32.99	33.27	33.20
42.0	18.30	18.27	18.45	17.92
45.0	15.31	15.17	15.18	14.89
48.0	13.92	13.70	13.60	13.42
51.0	12.30	12.01	11.97	11.80
54.0	10.42	10.16	10.13	9.888
57.0	8.672	8.455	8.412	8.206
60.0	7.060	6.860	6.851	6.677
63.0	5.557	5.405	5.404	5.298
66.0	4.281	4.162	4.181	4.118
69.0	3.197	3.090	3.116	3.094
72.0	2.194	2.111	2.144	2.126
75.0	1.400	1.379	1.380	1.352
78.0	1.020	0.9959	0.9936	0.9762
81.0	0.6854	0.6699	0.6701	0.6545
84.0	0.3924	0.3770	0.3837	0.3726
87.0	0.1151	0.1188	0.1086	0.1275
90.0	0.0262	0.0306	0.0306	0.0350

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-05

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: