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LED Downlight FUSION Series LE-  
FS3-7W-940-15D

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Light Output Ratio:	100.0%	
Luminaire Power:	7.729 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: 2017-06-09

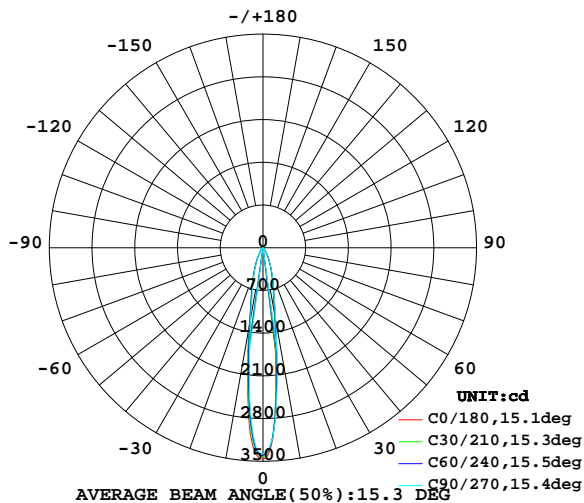
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

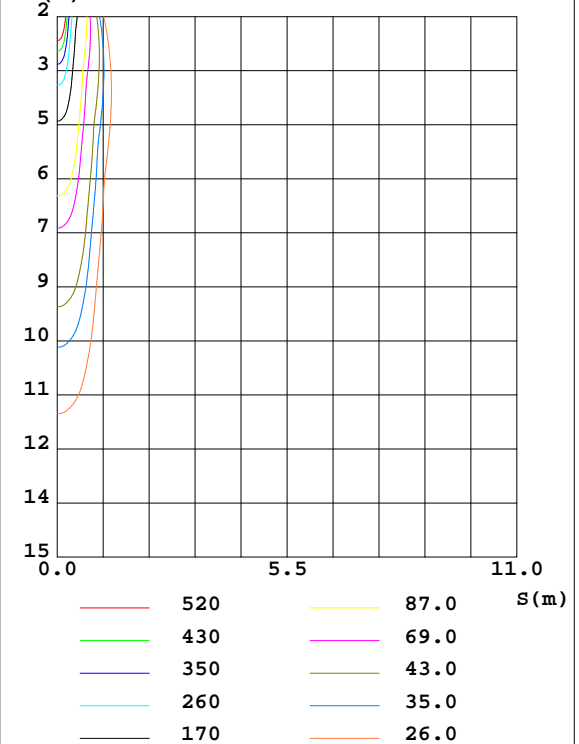
Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.81 lm/W			
MODEL	CREE-4000K	I <sub>max</sub> (cd)	3463	S/MH(C0/180)	0.28
NOMINAL POWER(W)	9.0	LOR(%)	100.0	S/MH(C90/270)	0.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	616.81	η UP,DN(C0-180)	0.0,50.2
NOMINAL FLUX(lm)	616.806	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.8
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)



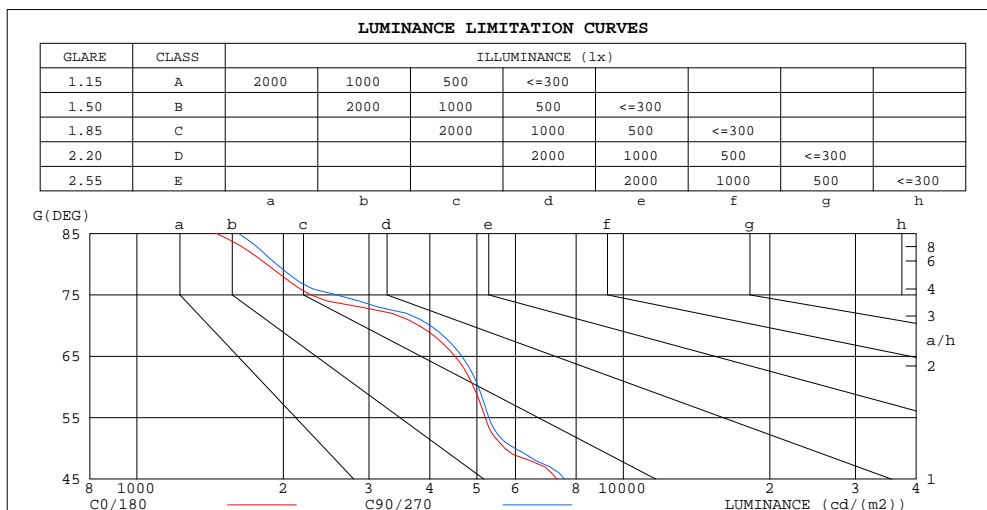
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-09

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	$\%lum, lamp$
10	1079	1158	1199	1254	1309	1240	1169	1067	0- 10	193.1	193.1	31.3,31.3
20	396.9	410.4	421.7	427.7	451.3	426.0	414.5	382.2	10- 20	189.4	382.5	62,62
30	140.3	143.7	149.8	155.5	163.3	152.7	145.3	136.3	20- 30	117.4	499.9	81.1,81.1
40	44.86	46.00	47.44	48.87	51.87	48.62	47.04	43.72	30- 40	50.46	550.4	89.2,89.2
50	25.09	25.58	26.35	26.88	28.32	27.54	26.99	24.92	40- 50	27.95	578.4	93.8,93.8
60	16.83	17.07	17.22	17.38	17.95	17.51	17.01	16.51	50- 60	18.75	597.1	96.8,96.8
70	8.897	9.180	9.386	9.736	10.13	9.802	9.353	8.892	60- 70	13.22	610.3	98.9,98.9
80	2.196	2.265	2.299	2.409	2.526	2.412	2.317	2.174	70- 80	5.364	615.7	99.8,99.8
90	0.0415	0.0394	0.0722	0.0634	0.0350	0.0787	0.0568	0.0372	80- 90	1.121	616.8	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		



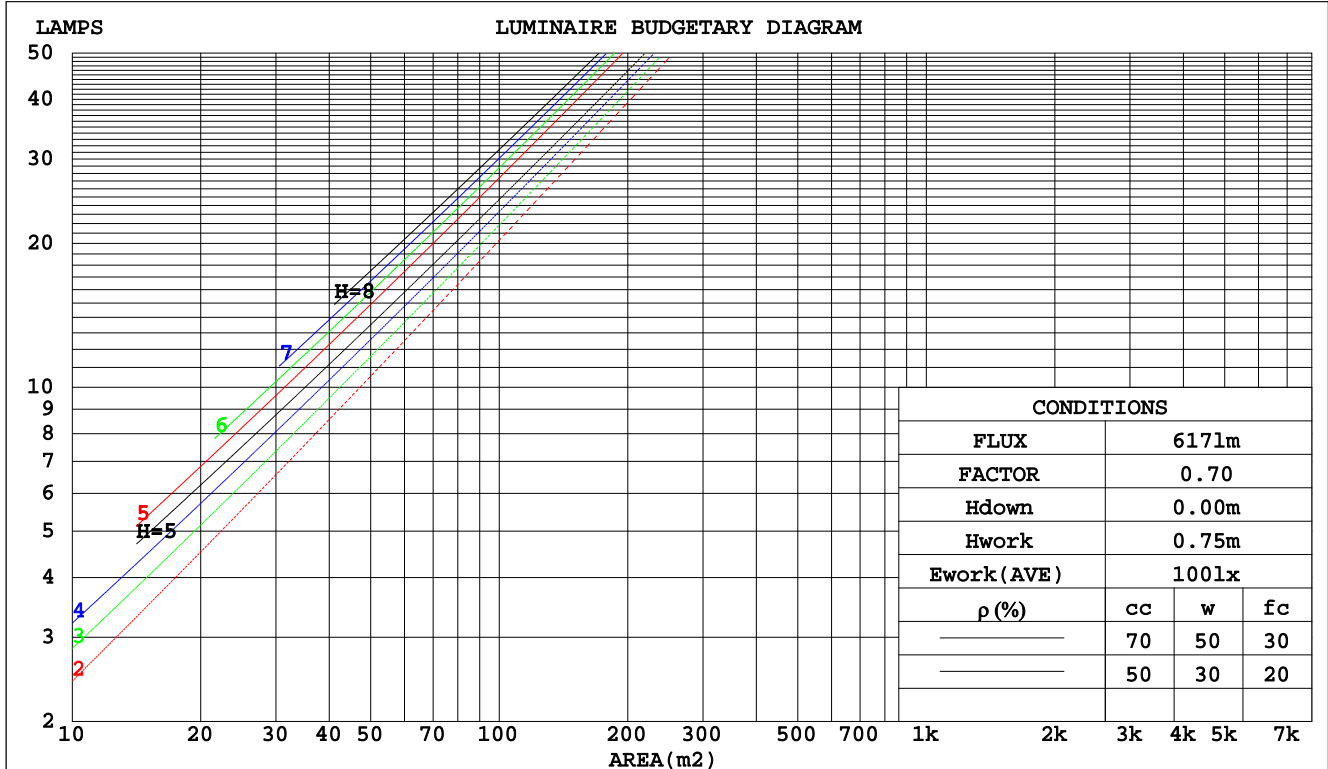
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-09

$\gamma$  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:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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	.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.89	.92	.90	.87	.90	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.84	.80	.87	.83	.79	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.74
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.75	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.68	.65	.71	.67	.65	.64



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 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity: 52%  
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## WEC AND CCEC

Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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	.166	.094	.030	.159	.091	.029	.146	.084	.027	.135	.078	.025	.124	.072	.023		
2.0	.156	.085	.026	.150	.083	.025	.140	.078	.024	.130	.073	.023	.121	.068	.022		
3.0	.146	.077	.023	.141	.075	.023	.132	.072	.022	.124	.068	.021	.116	.064	.020		
4.0	.136	.071	.021	.132	.069	.020	.125	.066	.020	.118	.063	.019	.111	.060	.018		
5.0	.128	.065	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017		
6.0	.121	.061	.017	.118	.059	.017	.112	.057	.017	.107	.056	.016	.102	.054	.016		
7.0	.114	.056	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	.098	.051	.015		
8.0	.108	.053	.015	.106	.052	.015	.102	.051	.014	.097	.049	.014	.094	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013		
10.0	.098	.047	.013	.096	.047	.013	.093	.045	.013	.090	.044	.013	.086	.044	.012		

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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.090	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.102	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.053	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.097	.062	.039	.084	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.055	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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 Test Date:2017-06-09

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:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm										
NAME: FS3-7W-940-15D					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: L152mm*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	13.8	14.6	14.0	14.7	14.9	14.0	14.8	14.2	14.9	15.1
3H	14.7	15.5	15.0	15.7	15.8	14.9	15.7	15.2	15.9	16.1
4H	14.9	15.6	15.1	15.8	16.0	15.1	15.9	15.4	16.1	16.3
6H	14.9	15.6	15.2	15.9	16.1	15.2	15.9	15.5	16.1	16.4
8H	14.9	15.6	15.2	15.8	16.1	15.2	15.9	15.5	16.1	16.4
12H	14.9	15.6	15.2	15.8	16.1	15.2	15.8	15.5	16.1	16.4
4H 2H	14.2	14.9	14.5	15.1	15.3	14.4	15.1	14.6	15.3	15.5
3H	15.3	15.9	15.6	16.2	16.4	15.5	16.1	15.8	16.4	16.6
4H	15.5	16.1	15.8	16.4	16.7	15.7	16.3	16.1	16.6	16.9
6H	15.6	16.1	16.0	16.4	16.8	15.8	16.3	16.2	16.7	17.0
8H	15.6	16.1	16.0	16.4	16.8	15.8	16.3	16.2	16.7	17.0
12H	15.6	16.0	16.0	16.4	16.8	15.8	16.3	16.2	16.6	17.0
8H 4H	15.5	16.0	15.9	16.3	16.7	15.7	16.2	16.1	16.6	16.9
6H	15.7	16.1	16.1	16.5	16.9	15.9	16.3	16.3	16.7	17.1
8H	15.7	16.1	16.2	16.5	16.9	15.9	16.3	16.4	16.7	17.1
12H	15.7	16.0	16.2	16.5	16.9	16.0	16.3	16.4	16.7	17.2
12H 4H	15.5	15.9	15.9	16.3	16.7	15.7	16.1	16.1	16.5	16.9
6H	15.6	16.0	16.1	16.4	16.8	15.9	16.2	16.3	16.6	17.1
8H	15.7	16.0	16.2	16.4	16.9	15.9	16.2	16.4	16.7	17.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.7				
1.5H	+ 0.5 / - 0.5					+ 0.6 / - 0.6				
2.0H	+ 1.0 / - 0.5					+ 1.0 / - 0.6				

CIE Pub.117 Corrected 616.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.7)

C Range: 0 - 360DEG  
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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:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	84	78	74	70
0.80	92	86	82	92	86	82	91	85	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	109	106	107	105	104	96
5.00	115	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

Conical surface Flux(90deg):

565.58 lm

%lum = 91.7%

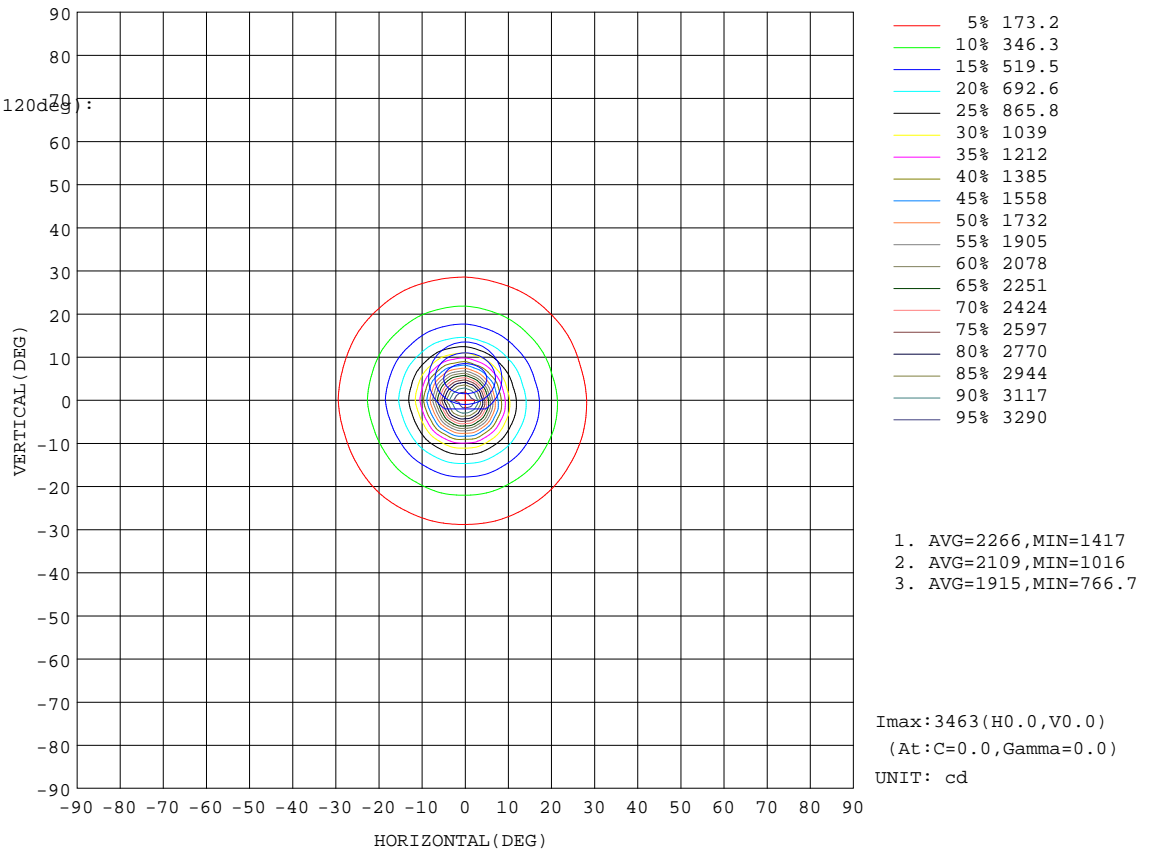
%lamp = 91.7%

Conical surface Flux(120deg):

597.1 lm

%lum = 96.8%

%lamp = 96.8%



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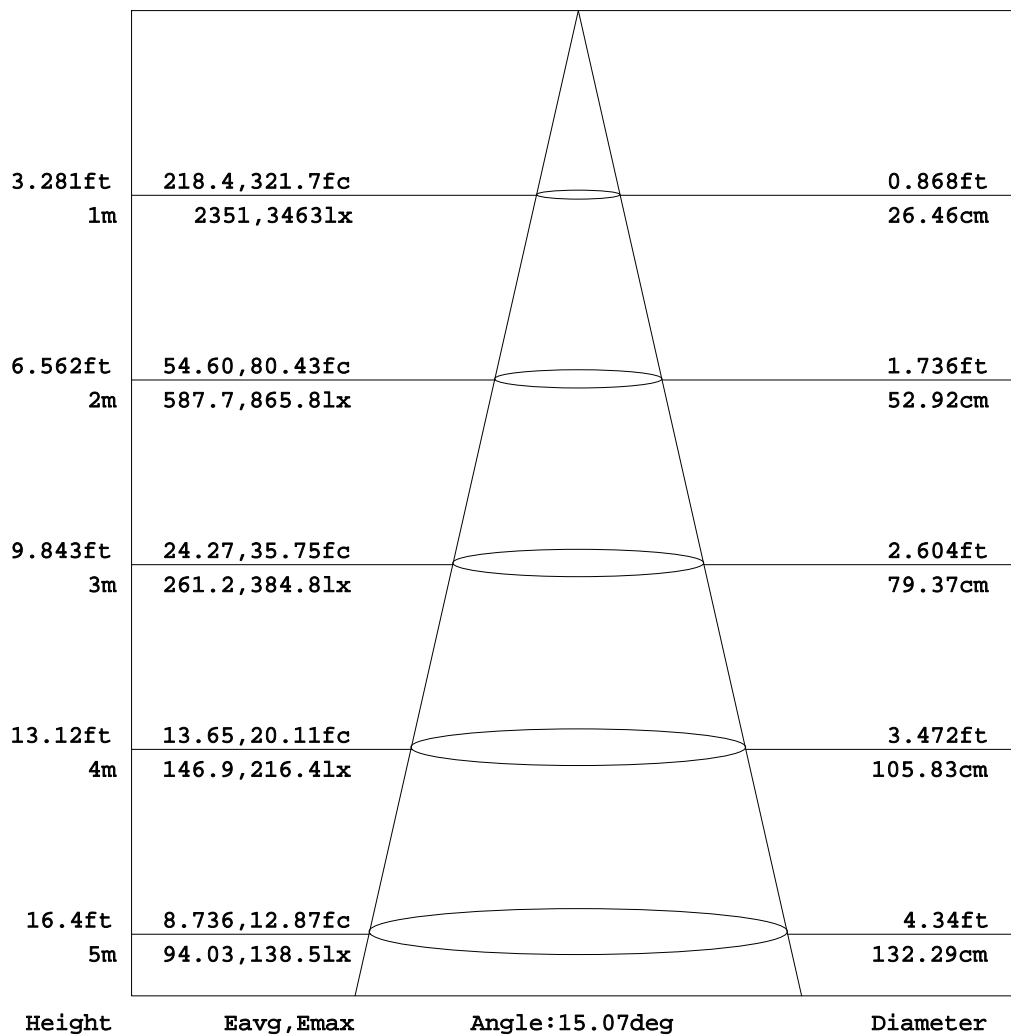
γ Range: 0 - 90DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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Remarks:



## AAI Figure

Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
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SPEC.:4000K	DIM.: L152mm*W45mm*H60mm	
MFR.:		

Flux out:145.9 lm



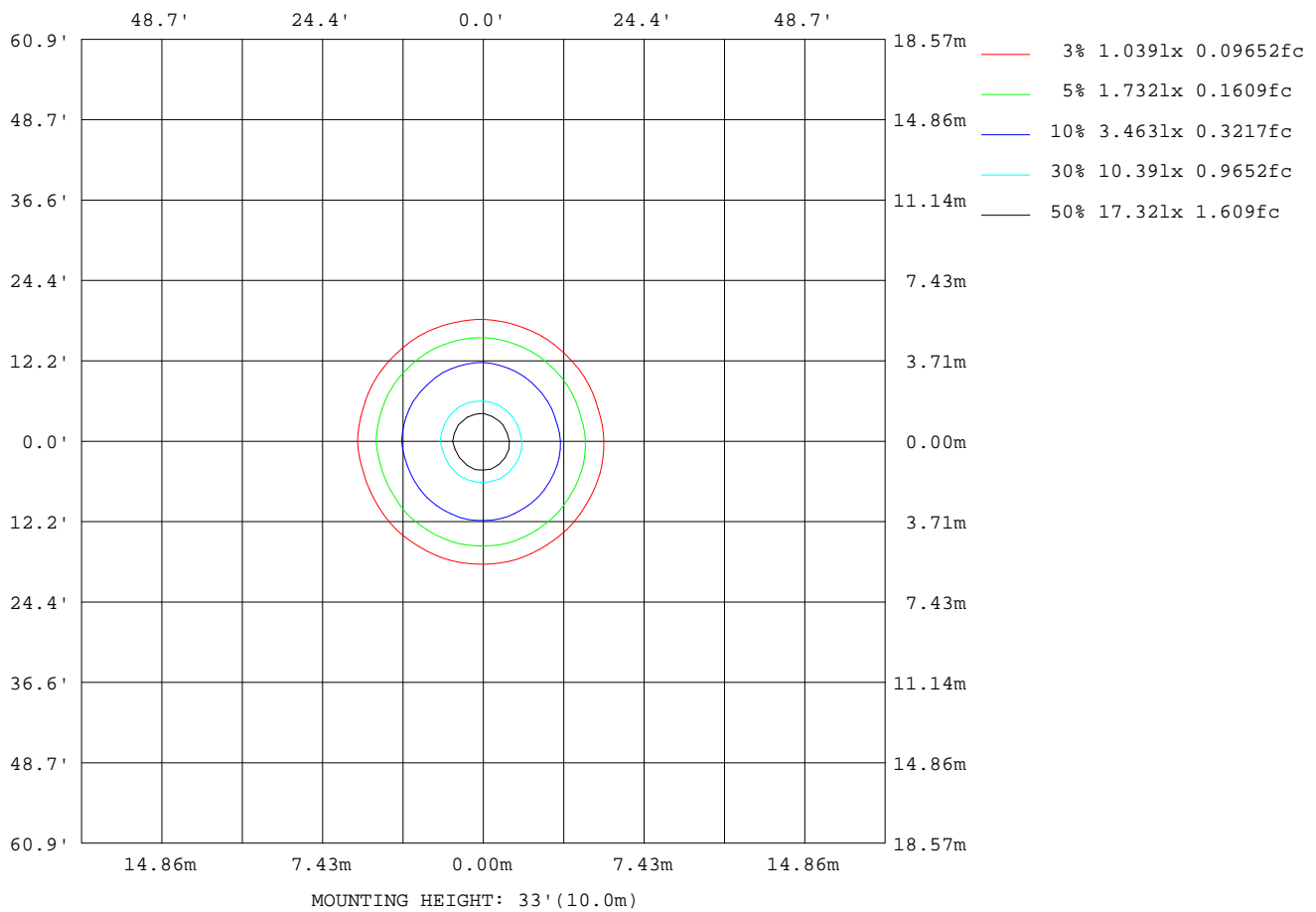
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## ISOLUX DIAGRAM

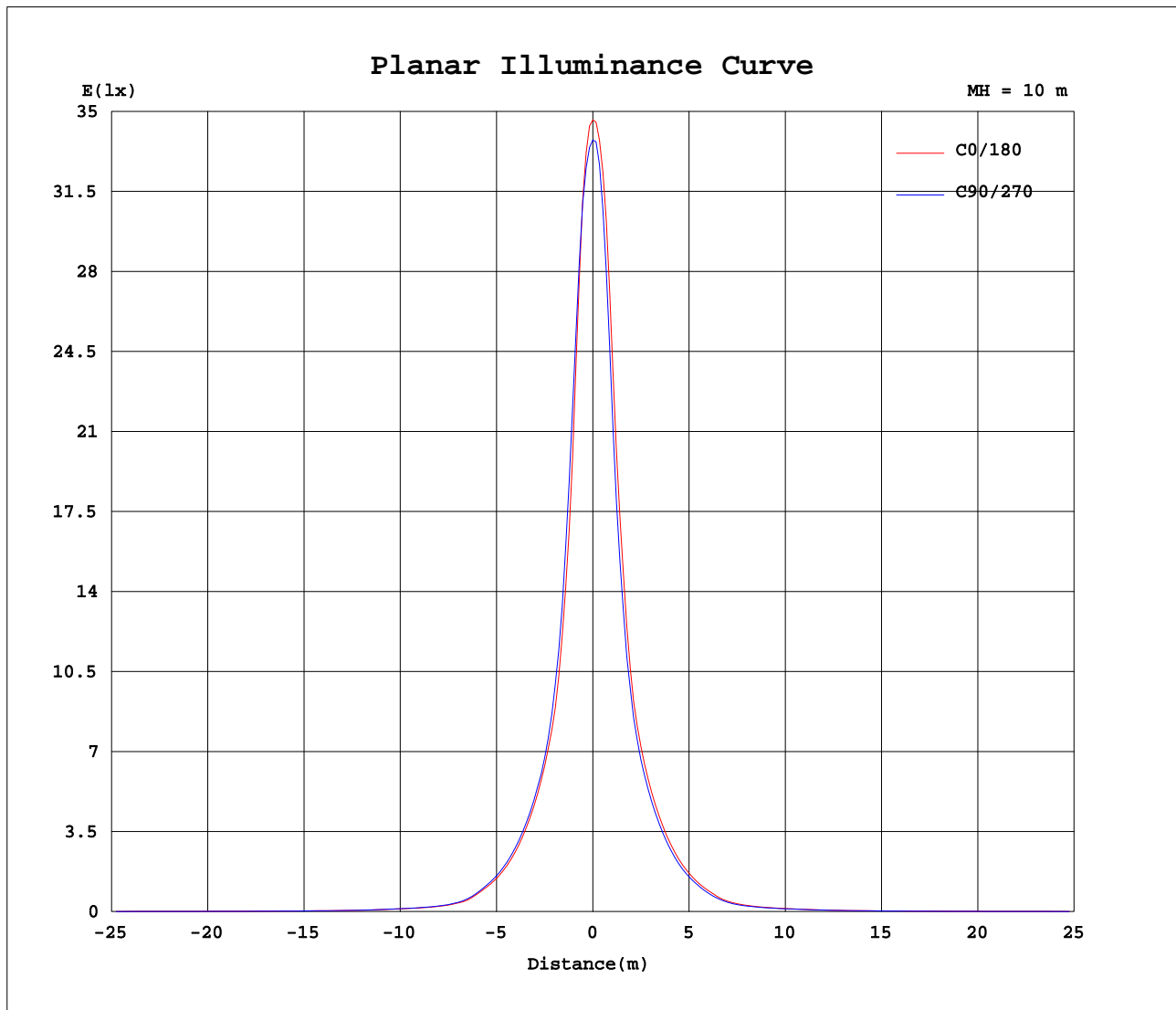
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## Planar Illuminance Curve



C Range: 0 - 360DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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  
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Remarks:

```

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0433A P:7.729W PF:0.8098 Lamp Flux:616.806x1 lm		
NAME: FS3-7W-940-15D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L152mm*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: 2017-06-09

```

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	3463	3442	3427	3410	3398	3385	3375	3368	3358	3351
3.0	3122	3132	3100	3127	3100	3124	3107	3143	3136	3142
6.0	2015	2095	2103	2181	2179	2255	2238	2302	2286	2318
9.0	1257	1296	1293	1350	1354	1430	1392	1459	1427	1476
12.0	851.2	868.6	870.5	901.4	907.1	935.0	926.7	945.1	936.4	950.6
15.0	639.8	647.2	644.8	658.9	658.4	672.9	670.3	683.3	681.3	693.3
18.0	481.6	489.2	487.0	497.7	498.0	510.2	509.2	516.9	512.0	517.3
21.0	359.2	365.6	364.4	372.3	373.9	383.0	383.3	388.0	384.2	388.9
24.0	265.1	269.2	267.7	274.0	276.4	284.6	284.8	288.4	285.7	288.9
27.0	194.6	197.7	196.8	201.4	202.9	209.8	210.2	213.1	211.1	213.3
30.0	140.3	141.2	140.2	143.7	143.8	149.0	149.8	153.3	152.8	155.5
33.0	86.88	86.69	85.59	88.50	90.67	94.96	96.81	99.65	100.9	103.4
36.0	61.67	61.92	61.35	62.51	62.84	65.30	67.02	67.83	68.64	69.50
39.0	47.94	48.27	48.08	49.15	49.57	50.69	51.00	52.11	51.81	52.72
42.0	40.34	40.38	40.36	41.15	41.62	42.30	42.31	42.65	42.53	43.17
45.0	35.31	35.29	35.24	35.82	36.10	36.71	36.63	36.83	36.68	37.14
48.0	29.42	29.70	29.37	29.82	29.73	30.18	30.24	30.81	31.01	31.81
51.0	23.92	24.04	23.97	24.26	24.33	24.61	24.59	24.92	24.81	25.00
54.0	21.13	21.18	21.15	21.38	21.43	21.59	21.52	21.70	21.60	21.66
57.0	19.00	19.06	19.03	19.22	19.29	19.42	19.34	19.47	19.38	19.49
60.0	16.83	16.91	16.86	17.07	17.12	17.27	17.22	17.35	17.27	17.38
63.0	14.61	14.70	14.64	14.85	14.88	15.05	15.01	15.17	15.10	15.22
66.0	12.22	12.35	12.27	12.49	12.49	12.71	12.67	12.87	12.80	12.94
69.0	9.758	9.878	9.813	10.03	10.02	10.23	10.23	10.44	10.40	10.56
72.0	7.068	7.198	7.127	7.342	7.317	7.539	7.575	7.826	7.837	8.028
75.0	4.035	4.118	4.095	4.205	4.235	4.534	4.554	4.786	4.707	4.828
78.0	2.840	2.888	2.859	2.927	2.910	2.977	2.962	3.034	3.022	3.084
81.0	1.903	1.930	1.918	1.963	1.960	2.007	2.004	2.055	2.063	2.105
84.0	1.107	1.122	1.125	1.152	1.164	1.194	1.208	1.242	1.263	1.290
87.0	0.4137	0.4182	0.4312	0.4445	0.4661	0.4860	0.5099	0.5319	0.5667	0.5843
90.0	0.0415	0.0394	0.0415	0.0394	0.0525	0.0459	0.0722	0.0678	0.0743	0.0634
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3342	3337	3463	3427	3410	3398	3385	3375	3368	3351
3.0	3123	3123	3247	3191	3168	3118	3123	3076	3082	3027
6.0	2266	2286	2394	2329	2333	2270	2257	2167	2147	2035
9.0	1425	1459	1543	1485	1510	1436	1454	1364	1374	1285
12.0	929.1	936.2	981.9	964.6	975.1	952.1	953.1	916.0	905.7	868.9
15.0	684.8	690.7	721.9	704.8	706.6	689.9	689.3	669.2	665.6	644.8
18.0	512.6	519.1	545.0	532.5	531.3	516.9	517.2	505.4	502.6	484.1
21.0	384.5	388.8	408.9	399.0	397.3	386.6	386.6	378.0	375.8	361.7
24.0	285.7	288.9	303.7	296.4	295.5	286.5	286.1	278.7	277.3	266.5
27.0	210.5	212.7	224.8	218.8	217.6	211.2	210.9	205.5	203.9	196.1
30.0	153.4	154.9	163.3	158.4	158.0	152.7	151.8	146.5	145.3	139.5
33.0	103.1	104.3	110.3	105.3	105.1	102.1	101.6	98.79	97.85	94.33
36.0	69.46	70.28	73.80	71.39	70.87	69.63	68.48	67.73	66.23	64.50
39.0	52.46	53.36	56.26	54.40	53.80	52.45	52.31	51.07	50.73	48.81
42.0	43.14	43.67	45.48	44.16	43.80	42.92	42.74	42.04	41.64	40.19
45.0	37.20	37.67	39.02	37.95	37.70	37.08	37.10	36.57	36.11	34.85
48.0	31.91	32.45	33.83	33.25	32.97	32.22	31.88	31.09	30.80	29.83
51.0	24.80	25.00	26.12	25.81	25.85	25.42	25.44	24.92	24.81	24.05
54.0	21.52	21.58	22.40	22.16	22.16	21.88	21.85	21.51	21.43	20.97
57.0	19.37	19.42	20.12	19.91	19.87	19.64	19.55	19.27	19.13	18.82
60.0	17.28	17.33	17.95	17.77	17.75	17.51	17.42	17.14	17.01	16.72
63.0	15.12	15.17	15.74	15.58	15.57	15.33	15.23	14.96	14.84	14.58
66.0	12.81	12.90	13.42	13.25	13.27	13.02	12.94	12.67	12.57	12.30
69.0	10.42	10.52	10.98	10.83	10.88	10.62	10.55	10.29	10.19	9.928
72.0	7.893	7.983	8.388	8.258	8.299	8.046	7.956	7.677	7.578	7.345
75.0	4.551	4.606	4.935	4.813	4.891	4.713	4.706	4.493	4.438	4.170
78.0	3.035	3.080	3.221	3.147	3.153	3.071	3.068	2.983	2.972	2.876
81.0	2.080	2.107	2.209	2.163	2.166	2.110	2.100	2.042	2.024	1.955
84.0	1.282	1.299	1.370	1.345	1.337	1.303	1.285	1.249	1.221	1.177
87.0	0.5929	0.5952	0.6405	0.6339	0.6186	0.5989	0.5750	0.5530	0.5248	0.4940
90.0	0.0612	0.0503	0.0350	0.0547	0.0678	0.0787	0.0722	0.0700	0.0568	0.0503
G/C	300.0	315.0	330.0	345.0						
0.0	3358	3351	3342	3337						
3.0	3048	3035	3060	3034						
6.0	2011	1954	1975	1946						
9.0	1276	1241	1245	1219						
12.0	854.2	831.6	832.7	821.5						
15.0	634.5	621.5	619.7	615.5						
18.0	476.3	463.6	465.8	462.5						
21.0	355.3	346.3	347.4	344.0						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-09

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	262.5	256.0	256.4	253.4
27.0	193.4	189.0	189.6	186.8
30.0	138.6	136.3	137.2	135.5
33.0	92.53	89.07	87.87	85.10
36.0	62.39	60.96	60.56	59.63
39.0	47.98	46.82	46.69	46.36
42.0	39.61	39.07	39.09	39.17
45.0	34.44	34.18	34.23	34.35
48.0	29.63	29.32	29.31	28.93
51.0	23.88	23.63	23.48	23.30
54.0	20.95	20.73	20.67	20.58
57.0	18.77	18.61	18.59	18.51
60.0	16.70	16.51	16.50	16.41
63.0	14.56	14.39	14.35	14.25
66.0	12.28	12.11	12.05	11.94
69.0	9.921	9.723	9.655	9.531
72.0	7.289	7.096	7.055	6.940
75.0	4.088	3.993	3.990	3.935
78.0	2.854	2.797	2.802	2.764
81.0	1.927	1.887	1.879	1.861
84.0	1.141	1.120	1.106	1.091
87.0	0.4549	0.4458	0.4220	0.4217
90.0	0.0372	0.0372	0.0350	0.0394

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-09

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: