

LED Downlight TAKEO Series LE-
T200-25W-840-60



Light Output Ratio:	100.0%	
Luminaire Power:	24.57 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.95	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-23

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:

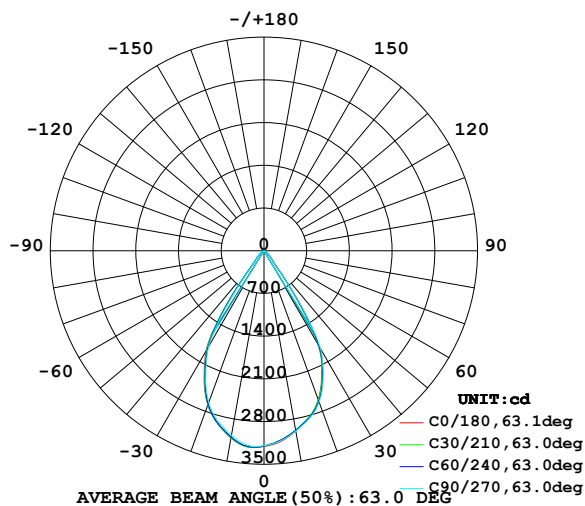
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

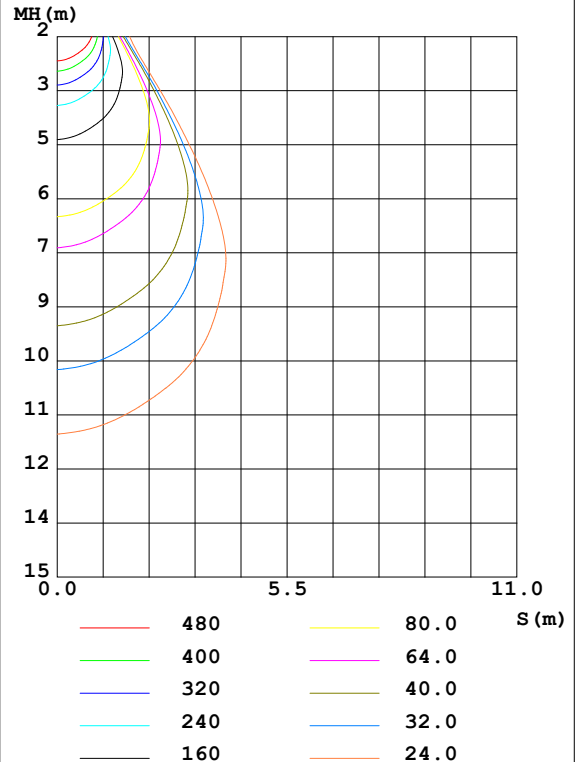
Test:U:35.10V I:0.7000A P:24.57W PF:1.000 Lamp Flux:2913.14x1 lm		
NAME: T200-25W-840-60	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: \varnothing 218mm*H126mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.56 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	3231	S/MH (C0/180)	0.93
NOMINAL POWER (W)	25	LOR (%)	100.0	S/MH (C90/270)	0.91
RATED VOLTAGE (V)	36	TOTAL FLUX (lm)	2913.1	η UP,DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	2913.14	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	35.1	η down (%)	100.0	CIBSE SHR MAX	0.95

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: 2018-01-23

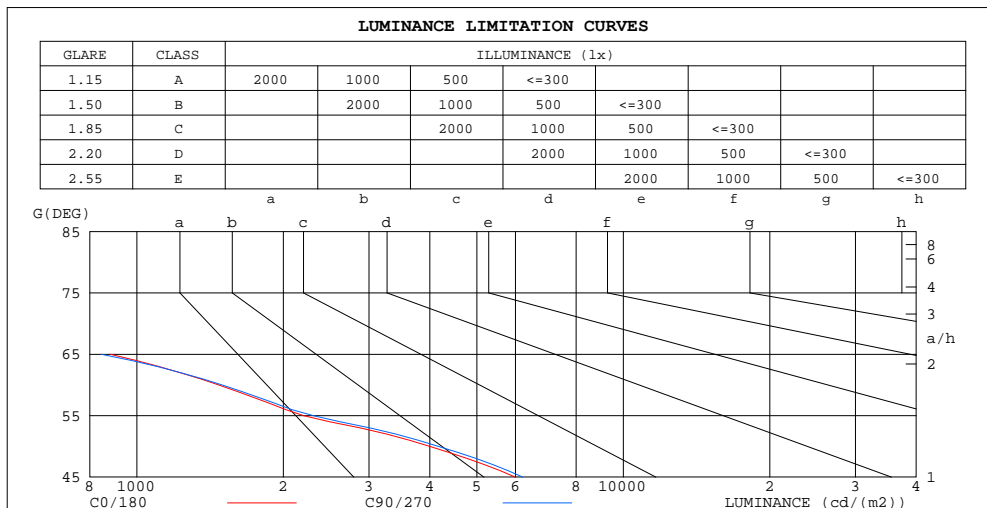
γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	2999	2988	3003	3043	3114	3106	3072	3019	0- 10	298.1	298.1	10.2,10.2
20	2600	2622	2641	2664	2692	2672	2649	2604	10- 20	805.8	1104	37.9,37.9
30	1772	1820	1851	1895	1907	1852	1819	1774	20- 30	1038	2142	73.5,73.5
40	245.8	262.7	258.7	267.6	279.8	263.2	247.3	239.3	30- 40	581.9	2724	93.5,93.5
50	95.93	106.2	99.96	98.39	99.63	99.81	92.80	91.43	40- 50	126.4	2850	97.8,97.8
60	27.47	31.84	27.92	26.39	27.62	29.43	26.04	24.88	50- 60	48.12	2898	99.5,99.5
70	4.088	5.023	2.980	4.123	4.355	4.052	2.815	3.437	60- 70	14.17	2912	100,100
80	0.1903	0.1705	0.1772	0.1530	0.1507	0.1706	0.1486	0.1597	70- 80	0.7783	2913	100,100
90	0.1618	0.1574	0.1487	0.1465	0.0809	0.0831	0.0831	0.0831	80- 90	0.1493	2913	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	52	47
80	29	27
75	25	24
70	320	234
65	881	844
60	1473	1497
55	2203	2306
50	4001	4169
45	5995	6214

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2018-01-23

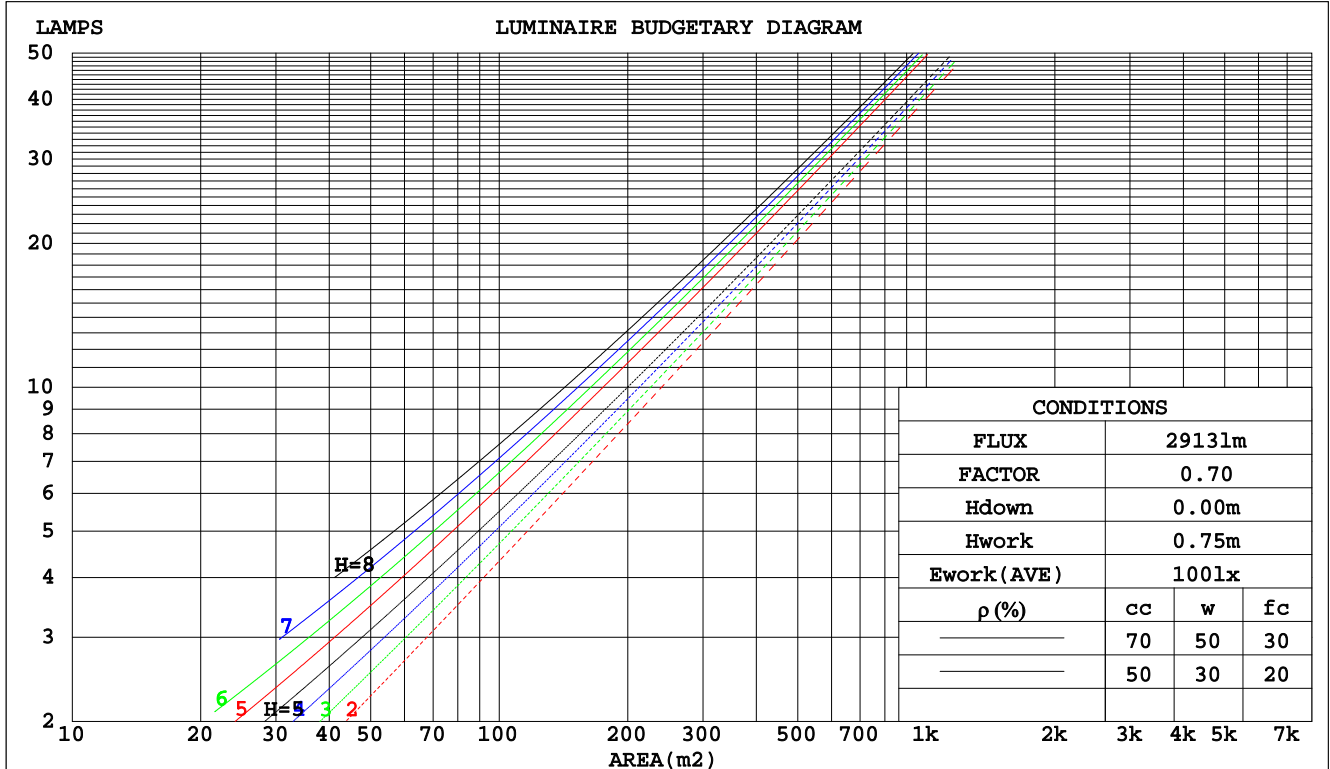
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:35.10V I:0.7000A P:24.57W PF:1.000 Lamp Flux:2913.14x1 lm		
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SPEC.:4000K	DIM.: \varnothing 218mm*H126mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.94
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.95	.93	.91	.92	.91	.89	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.84	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.84	.78	.74	.83	.78	.74	.82	.77	.73	.80	.76	.73	.78	.75	.72	.70
6.0	.79	.73	.69	.78	.73	.69	.77	.72	.68	.75	.71	.68	.74	.70	.67	.66
7.0	.74	.68	.64	.74	.68	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.62
8.0	.70	.64	.60	.70	.64	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
9.0	.66	.60	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.61	.56	.53	.60	.56	.52	.51



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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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WEC AND CCEC

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MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.177	.101	.032	.170	.097	.031	.158	.090	.029	.146	.084	.027	.135	.078	.025		
2.0	.170	.093	.029	.164	.090	.028	.154	.085	.027	.144	.081	.025	.135	.076	.024		
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.140	.077	.023	.132	.073	.023		
4.0	.154	.080	.024	.150	.079	.023	.143	.076	.023	.135	.073	.022	.129	.070	.021		
5.0	.147	.075	.022	.144	.074	.022	.137	.071	.021	.131	.069	.021	.125	.067	.020		
6.0	.141	.071	.020	.138	.070	.020	.132	.067	.020	.126	.066	.019	.121	.064	.019		
7.0	.135	.067	.019	.132	.066	.019	.127	.064	.018	.122	.062	.018	.117	.061	.018		
8.0	.129	.063	.018	.127	.062	.018	.122	.061	.017	.117	.059	.017	.113	.058	.017		
9.0	.124	.060	.017	.121	.059	.017	.117	.058	.016	.113	.057	.016	.109	.056	.016		
10.0	.119	.057	.016	.117	.056	.016	.113	.055	.016	.109	.054	.015	.106	.053	.015		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.134	.099	.072	.115	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.076	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.118	.078	.050	.101	.068	.043	.070	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.096	.061	.037	.066	.043	.026	.038	.025	.015	.012	.008	.005	
8.0	.106	.064	.036	.091	.056	.031	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.031	.087	.051	.027	.060	.036	.019	.035	.021	.011	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.057	.033	.017	.034	.020	.010	.011	.006	.003	

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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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:35.10V I:0.7000A P:24.57W PF:1.000 Lamp Flux:2913.14x1 lm										
NAME: T200-25W-840-60					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: ϕ 218mm*H126mm					
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	15.2	16.2	15.5	16.4	16.5	15.6	16.5	15.8	16.7	16.8
3H	15.1	16.0	15.3	16.2	16.4	15.4	16.3	15.7	16.5	16.7
4H	15.0	15.8	15.3	16.0	16.3	15.3	16.1	15.6	16.4	16.6
6H	14.9	15.7	15.2	15.9	16.2	15.2	16.0	15.5	16.2	16.5
8H	14.9	15.6	15.2	15.9	16.1	15.2	15.9	15.5	16.2	16.4
12H	14.8	15.5	15.1	15.8	16.1	15.1	15.8	15.4	16.1	16.4
4H 2H	15.0	15.9	15.3	16.1	16.3	15.3	16.2	15.6	16.4	16.6
3H	14.9	15.6	15.2	15.9	16.1	15.2	15.9	15.5	16.2	16.4
4H	14.8	15.4	15.1	15.7	16.0	15.1	15.7	15.4	16.0	16.3
6H	14.7	15.2	15.1	15.6	15.9	15.0	15.5	15.4	15.9	16.2
8H	14.6	15.2	15.0	15.5	15.9	14.9	15.5	15.3	15.8	16.2
12H	14.6	15.1	15.0	15.4	15.8	14.9	15.4	15.3	15.7	16.1
8H 4H	14.6	15.2	15.0	15.5	15.9	14.9	15.5	15.3	15.8	16.2
6H	14.5	15.0	15.0	15.4	15.8	14.8	15.3	15.3	15.7	16.1
8H	14.5	14.9	14.9	15.3	15.7	14.8	15.2	15.2	15.6	16.0
12H	14.4	14.7	14.9	15.2	15.7	14.7	15.0	15.2	15.5	16.0
12H 4H	14.6	15.1	15.0	15.4	15.8	14.9	15.4	15.3	15.7	16.1
6H	14.5	14.9	14.9	15.3	15.7	14.8	15.2	15.2	15.6	16.0
8H	14.4	14.7	14.9	15.2	15.7	14.7	15.0	15.2	15.5	16.0
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / - 6.1					+ 4.0 / - 6.5				
1.5H	+ 4.8 / - 4.4					+ 5.4 / - 4.8				
2.0H	+ 4.2 / - 4.8					+ 4.2 / - 5.1				

CIE Pub.117 Corrected 2913 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:35.10V I:0.7000A P:24.57W PF:1.000 Lamp Flux:2913.14x1 lm		
NAME: T200-25W-840-60	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\varnothing 218\text{mm} \times H126\text{mm}$	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	81	77	73
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	99	93	90	97	93	89	86
1.25	103	98	95	102	98	94	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):

2798.1 lm

%lum = 96.1%

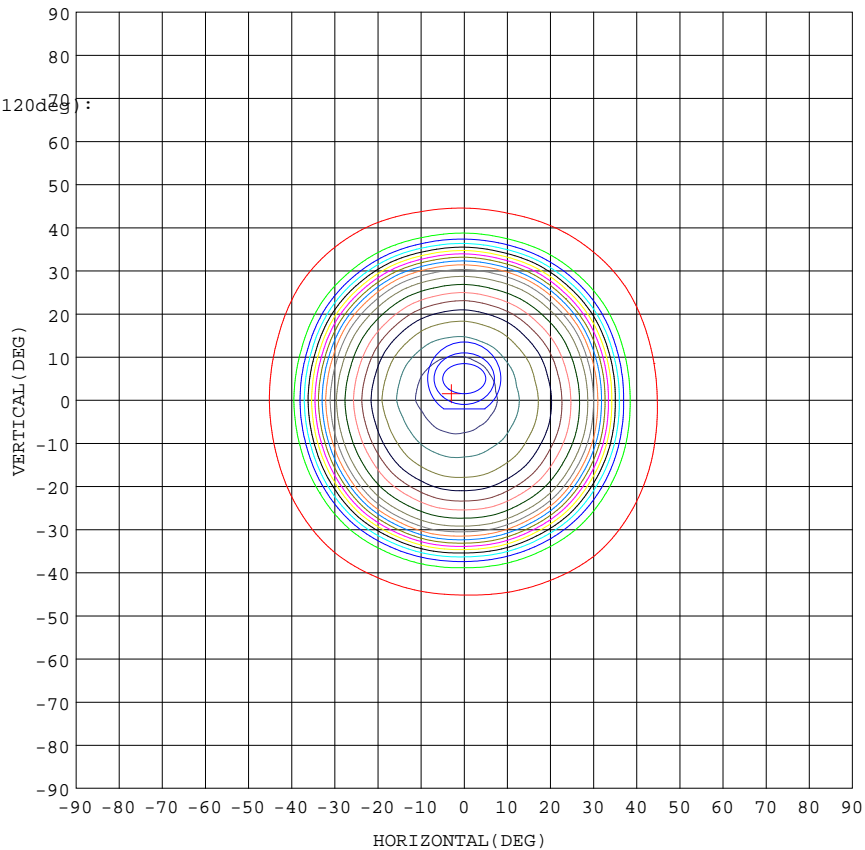
%lamp = 96.1%

Conical surface Flux(120deg):

2898 lm

%lum = 99.5%

%lamp = 99.5%



5%	161.5
10%	323.1
15%	484.6
20%	646.1
25%	807.6
30%	969.2
35%	1131
40%	1292
45%	1454
50%	1615
55%	1777
60%	1938
65%	2100
70%	2261
75%	2423
80%	2584
85%	2746
90%	2908
95%	3069

1. AVG=3176, MIN=3098
2. AVG=3152, MIN=3025
3. AVG=3124, MIN=2943

Imax:3231(H-3.0,V1.5)
(At:C=210.0,Gamma=3.0)

UNIT: cd

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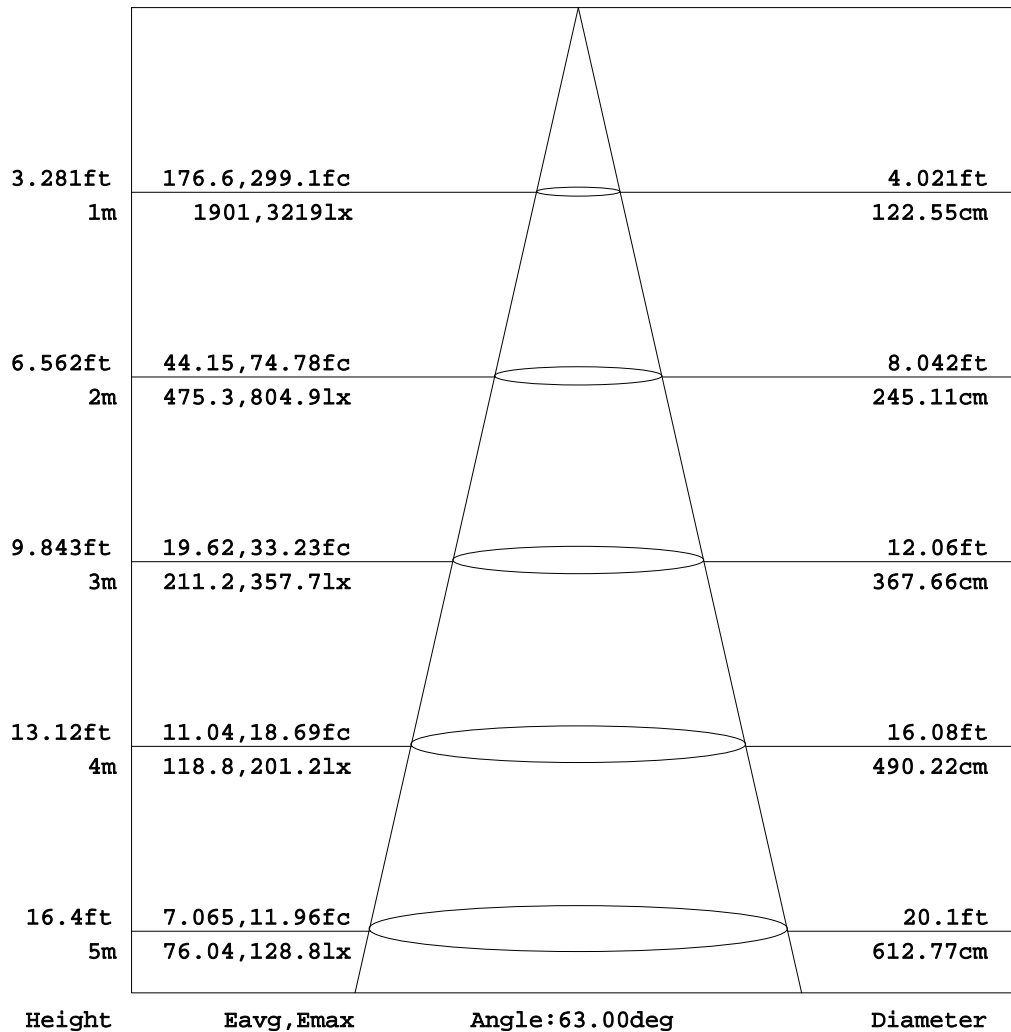
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AAI Figure

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Flux out:2332 lm



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

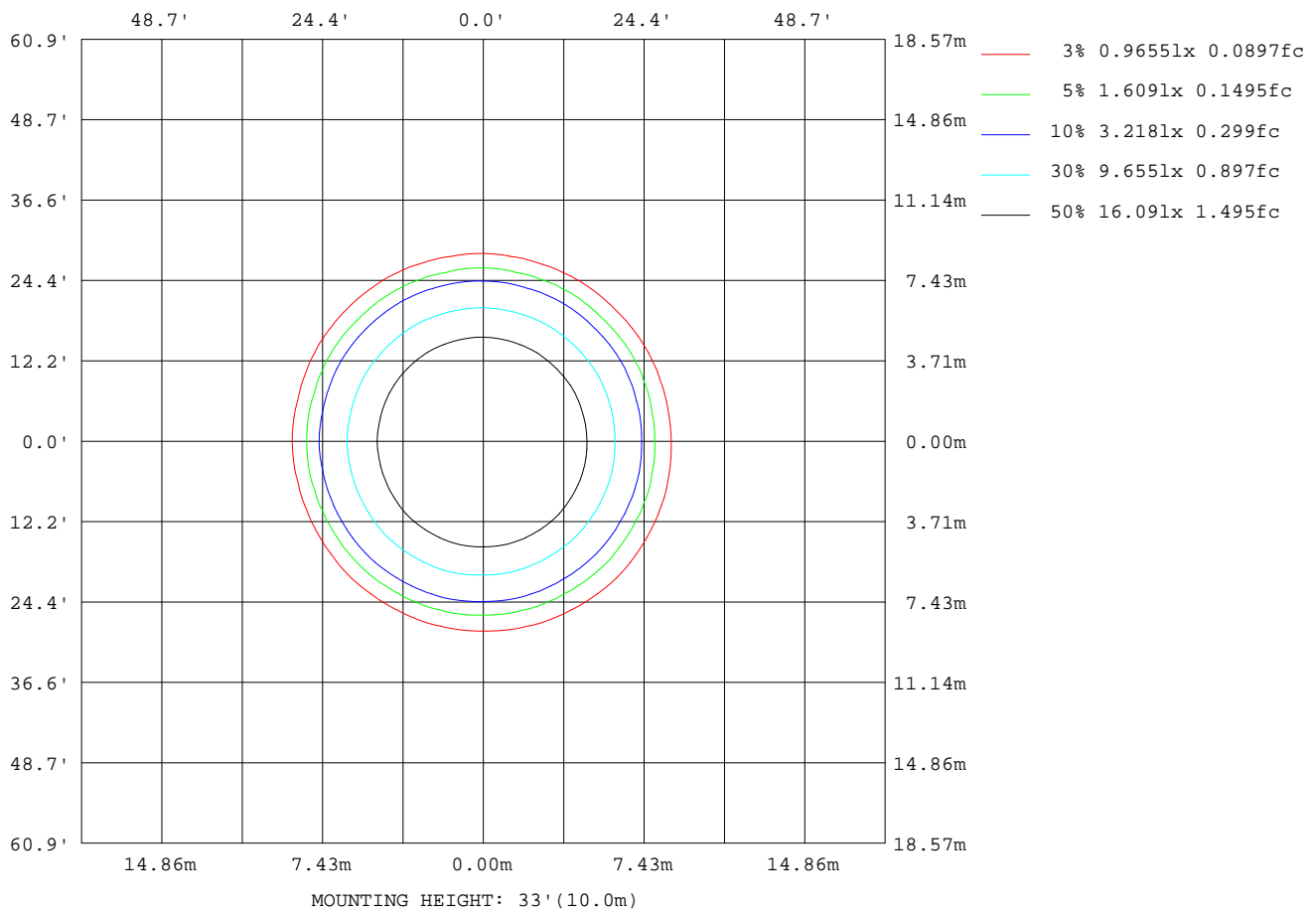
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ISOLUX DIAGRAM

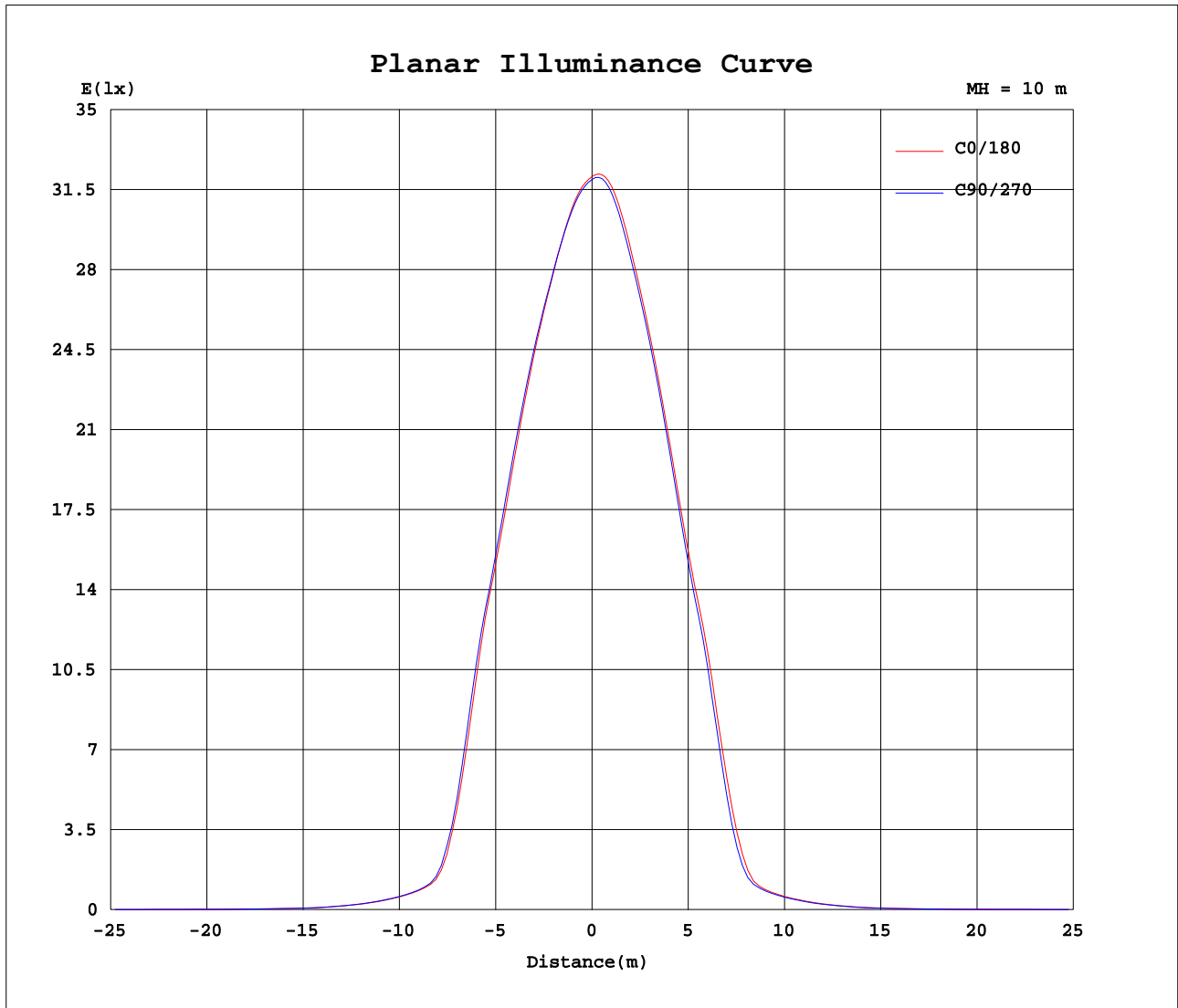
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Planar Illuminance Curve



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Test Distance: 5.850m [K=1.0000]
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:35.10V I:0.7000A P:24.57W PF:1.000 Lamp Flux:2913.14x1 lm		
NAME: T200-25W-840-60	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ218mm*H126mm	
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: 2018-01-23

```

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:

```

UNIT: cd

```

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:

```

GONIOPHOTOMETERS SYSTEM TEST REPORT

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	3207	3205	3201	3200	3197	3197	3194	3195	3193	3192
3.0	3174	3167	3158	3156	3154	3157	3160	3168	3175	3184
6.0	3116	3108	3096	3095	3093	3100	3106	3118	3128	3145
9.0	3030	3025	3015	3017	3016	3026	3030	3044	3055	3073
12.0	2933	2930	2923	2928	2928	2938	2942	2957	2965	2981
15.0	2834	2833	2828	2838	2840	2849	2852	2865	2872	2884
18.0	2707	2711	2709	2724	2726	2739	2741	2754	2758	2768
21.0	2538	2547	2546	2565	2568	2583	2584	2597	2594	2605
24.0	2318	2334	2335	2358	2360	2378	2377	2389	2382	2390
27.0	2076	2090	2091	2115	2115	2133	2130	2149	2142	2155
30.0	1772	1798	1789	1820	1817	1848	1851	1881	1876	1895
33.0	1219	1249	1238	1275	1271	1318	1323	1367	1372	1403
36.0	638.9	657.1	645.8	678.0	665.7	700.1	694.5	740.6	743.3	791.7
39.0	283.0	294.8	294.4	306.3	301.4	312.4	309.1	323.4	320.4	335.6
42.0	202.9	209.1	211.8	216.4	213.8	213.7	209.8	211.1	208.4	210.3
45.0	158.1	164.0	166.7	170.9	168.3	167.7	163.9	164.2	161.2	162.3
48.0	119.4	124.2	127.1	131.2	128.9	128.2	124.5	123.9	121.8	122.5
51.0	85.21	89.56	92.07	94.90	93.05	91.89	88.81	88.26	86.43	87.34
54.0	54.62	58.49	60.44	63.45	62.63	59.41	57.37	56.11	55.46	57.10
57.0	38.09	40.66	42.33	43.58	42.31	41.11	39.10	38.44	37.10	36.90
60.0	27.47	29.55	30.96	31.84	30.75	29.63	27.92	27.46	26.52	26.39
63.0	18.82	20.42	21.43	22.02	20.97	20.07	18.66	18.50	17.94	18.03
66.0	11.61	12.77	13.36	13.74	12.63	11.92	10.83	10.97	10.79	11.21
69.0	5.693	6.402	6.751	6.874	5.790	5.256	4.618	4.842	4.980	5.645
72.0	1.523	1.854	1.937	2.002	1.135	0.7345	0.6636	0.6390	0.9884	1.693
75.0	0.2451	0.2360	0.2562	0.2382	0.2451	0.2164	0.2319	0.2010	0.2188	0.2054
78.0	0.2100	0.1945	0.2144	0.1923	0.2078	0.1792	0.1947	0.1705	0.1881	0.1705
81.0	0.1859	0.1683	0.1881	0.1683	0.1815	0.1552	0.1706	0.1601	0.1684	0.1521
84.0	0.1771	0.1640	0.1706	0.1561	0.1619	0.1530	0.1575	0.1544	0.1575	0.1493
87.0	0.1662	0.1596	0.1618	0.1509	0.1552	0.1509	0.1509	0.1487	0.1509	0.1465
90.0	0.1618	0.1596	0.1574	0.1574	0.1509	0.1509	0.1487	0.1487	0.1465	0.1465
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3191	3190	3207	3205	3201	3200	3197	3197	3194	3195
3.0	3192	3201	3228	3230	3231	3228	3223	3218	3211	3202
6.0	3158	3174	3211	3214	3216	3209	3203	3191	3181	3163
9.0	3085	3103	3144	3145	3148	3138	3132	3115	3104	3083
12.0	2990	3005	3044	3043	3047	3037	3033	3015	3004	2983
15.0	2887	2900	2936	2931	2936	2928	2924	2906	2897	2877
18.0	2764	2771	2803	2794	2799	2789	2788	2770	2763	2743
21.0	2596	2599	2628	2612	2617	2605	2605	2585	2581	2559
24.0	2376	2379	2404	2384	2388	2370	2372	2348	2347	2323
27.0	2140	2138	2156	2134	2136	2118	2118	2089	2086	2062
30.0	1880	1887	1907	1878	1879	1852	1850	1816	1819	1791
33.0	1395	1411	1447	1419	1420	1380	1374	1328	1326	1277
36.0	784.4	811.0	847.9	812.4	822.3	775.7	769.5	711.1	705.8	662.5
39.0	330.2	344.7	366.2	345.3	349.0	325.0	322.4	299.9	299.6	284.3
42.0	207.3	208.6	213.6	210.7	214.0	210.7	209.2	201.8	200.1	195.8
45.0	159.9	160.7	164.2	162.9	165.9	163.5	162.3	156.5	155.3	151.6
48.0	121.2	121.2	124.0	123.4	125.2	123.9	122.3	117.5	116.0	113.3
51.0	85.89	86.31	88.47	87.93	89.96	88.64	87.45	83.57	82.12	79.73
54.0	55.41	55.95	57.59	56.86	59.35	58.09	57.32	53.78	52.62	50.17
57.0	36.26	36.80	38.32	38.93	40.71	40.63	39.83	37.55	36.44	35.04
60.0	26.01	26.43	27.62	28.15	29.59	29.43	28.85	26.97	26.04	24.99
63.0	17.83	18.14	18.98	19.27	20.32	20.08	19.58	18.11	17.46	16.74
66.0	11.10	11.31	11.83	11.87	12.53	12.16	11.67	10.54	10.16	9.773
69.0	5.641	5.722	5.981	5.850	6.159	5.774	5.263	4.501	4.325	4.194
72.0	1.680	1.690	1.773	1.614	1.672	1.415	0.9866	0.5238	0.6597	0.4750
75.0	0.2256	0.2099	0.2097	0.2407	0.2228	0.2407	0.2185	0.2385	0.2141	0.2254
78.0	0.1904	0.1770	0.1704	0.1969	0.1748	0.1969	0.1704	0.1925	0.1683	0.1838
81.0	0.1750	0.1574	0.1399	0.1619	0.1420	0.1597	0.1398	0.1597	0.1377	0.1553
84.0	0.1597	0.1541	0.1158	0.1357	0.1114	0.1335	0.1092	0.1313	0.1114	0.1269
87.0	0.1531	0.1509	0.0983	0.1138	0.0831	0.1028	0.0831	0.1028	0.0852	0.1028
90.0	0.1531	0.1509	0.0809	0.0875	0.0831	0.0831	0.0809	0.0831	0.0831	0.0831
G/C	300.0	315.0	330.0	345.0						
0.0	3193	3192	3191	3190						
3.0	3194	3183	3175	3164						
6.0	3153	3136	3126	3111						
9.0	3071	3052	3043	3025						
12.0	2972	2952	2943	2925						
15.0	2868	2849	2841	2825						
18.0	2737	2719	2715	2698						
21.0	2558	2540	2542	2527						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-23

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	2325	2310	2318	2306
27.0	2071	2065	2081	2070
30.0	1798	1774	1792	1772
33.0	1280	1243	1261	1233
36.0	673.0	645.6	666.7	643.1
39.0	287.4	279.4	287.7	282.5
42.0	197.3	196.1	199.8	200.0
45.0	153.0	152.3	155.6	155.7
48.0	114.3	114.4	117.1	117.4
51.0	80.62	80.57	82.86	83.64
54.0	50.80	50.79	52.89	53.47
57.0	35.05	34.84	35.98	36.75
60.0	25.07	24.88	25.86	26.44
63.0	16.93	16.89	17.68	18.10
66.0	10.14	10.24	10.93	11.17
69.0	4.592	4.869	5.390	5.508
72.0	0.8524	1.180	1.431	1.480
75.0	0.1988	0.2188	0.1988	0.2275
78.0	0.1617	0.1772	0.1617	0.1816
81.0	0.1311	0.1531	0.1354	0.1531
84.0	0.1070	0.1291	0.1092	0.1313
87.0	0.0809	0.1050	0.0917	0.1116
90.0	0.0809	0.0831	0.0831	0.0853

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-23

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: