

LED Tracklight FURE M-28W-930-30



Light Output Ratio:	100.0%	
Luminaire Power:	27.99 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

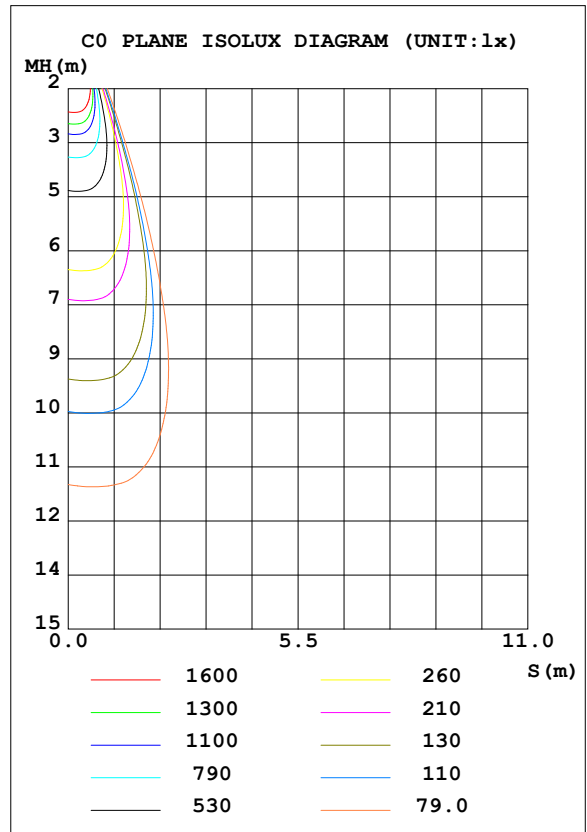
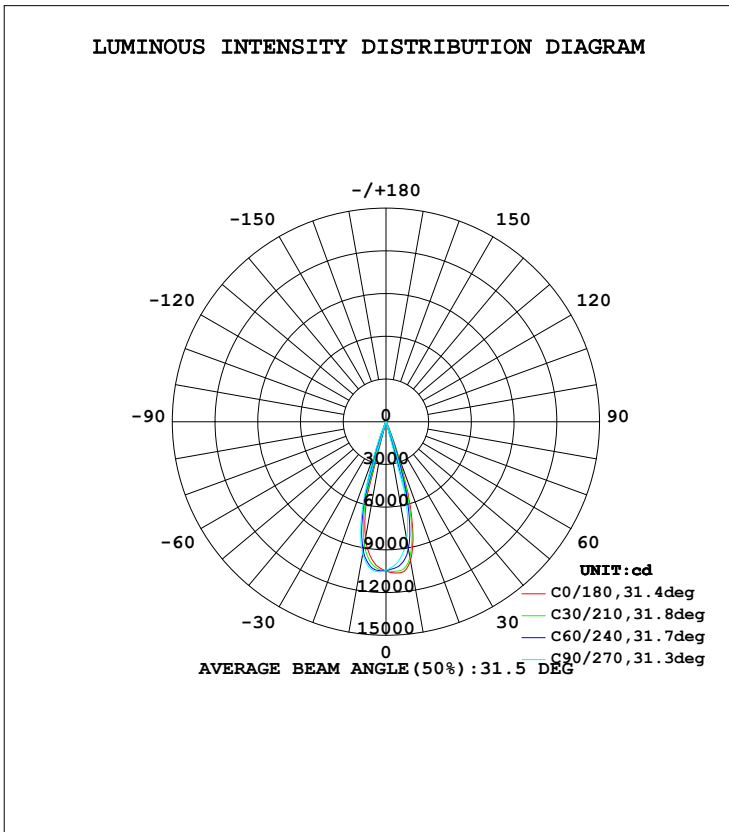
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-18

$\gamma$  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:0.1316A P:27.99W PF:0.9639 Lamp Flux:2748.6x1 lm		
NAME: FURE M-28W-930-30	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.19 lm/W			
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	10662	S/MH (C0/180)	0.44
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.48
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2748.6	η UP, DN (C0-180)	0.0, 47.7
NOMINAL FLUX (lm)	2748.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.3
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



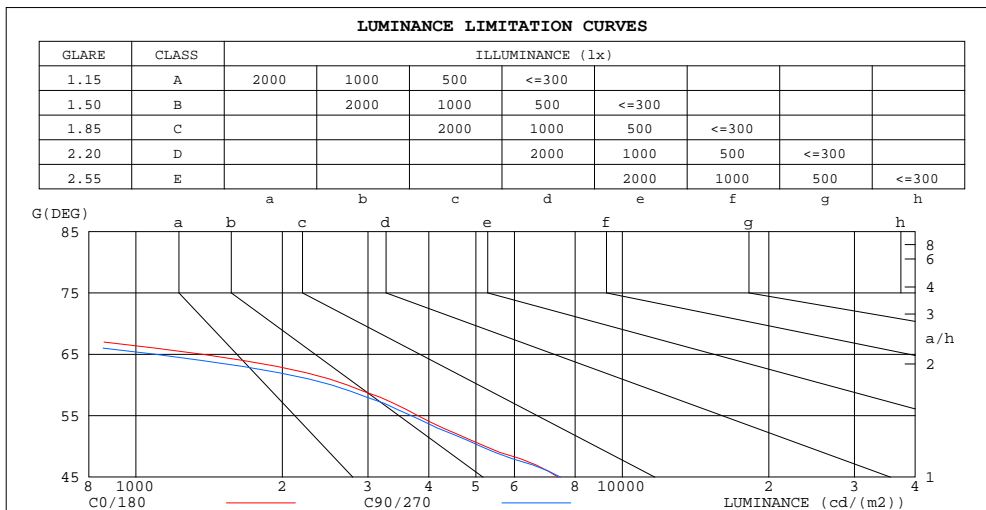
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Remarks:

**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	990.3	942.1	837.1	799.3	832.3	898.4	944.3	964.8	0- 10	938.8	938.8	34.2,34.2
20	255.9	213.1	131.7	106.0	113.0	158.8	216.0	261.0	10- 20	1500	2439	88.7,88.7
30	12.52	11.79	10.65	10.72	10.59	11.85	12.29	13.54	20- 30	217.2	2656	96.6,96.6
40	5.354	5.246	4.864	4.629	4.361	4.975	5.514	5.674	30- 40	50.51	2706	98.5,98.5
50	2.139	2.215	2.093	2.006	1.903	2.041	2.187	2.299	40- 50	26.04	2732	99.4,99.4
60	0.8642	0.8676	0.8028	0.7581	0.7507	0.7487	0.8089	0.8532	50- 60	12.29	2745	99.9,99.9
70	0.0618	0.0619	0.0465	0.0347	0.0336	0.0402	0.0506	0.0656	60- 70	3.464	2748	100,100
80	0.0168	0.0140	0.0153	0.0109	0.0122	0.0140	0.0133	0.0166	70- 80	0.2500	2748	100,100
90	0.0096	0.0096	0.0101	0.0101	0.0105	0.0101	0.0101	0.0101	80- 90	0.1223	2749	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: $\times 10cd$									UNIT: lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	217	198
80	153	139
75	153	137
70	284	214
65	1368	1094
60	2718	2525
55	3799	3685
50	5234	5120
45	7383	7462

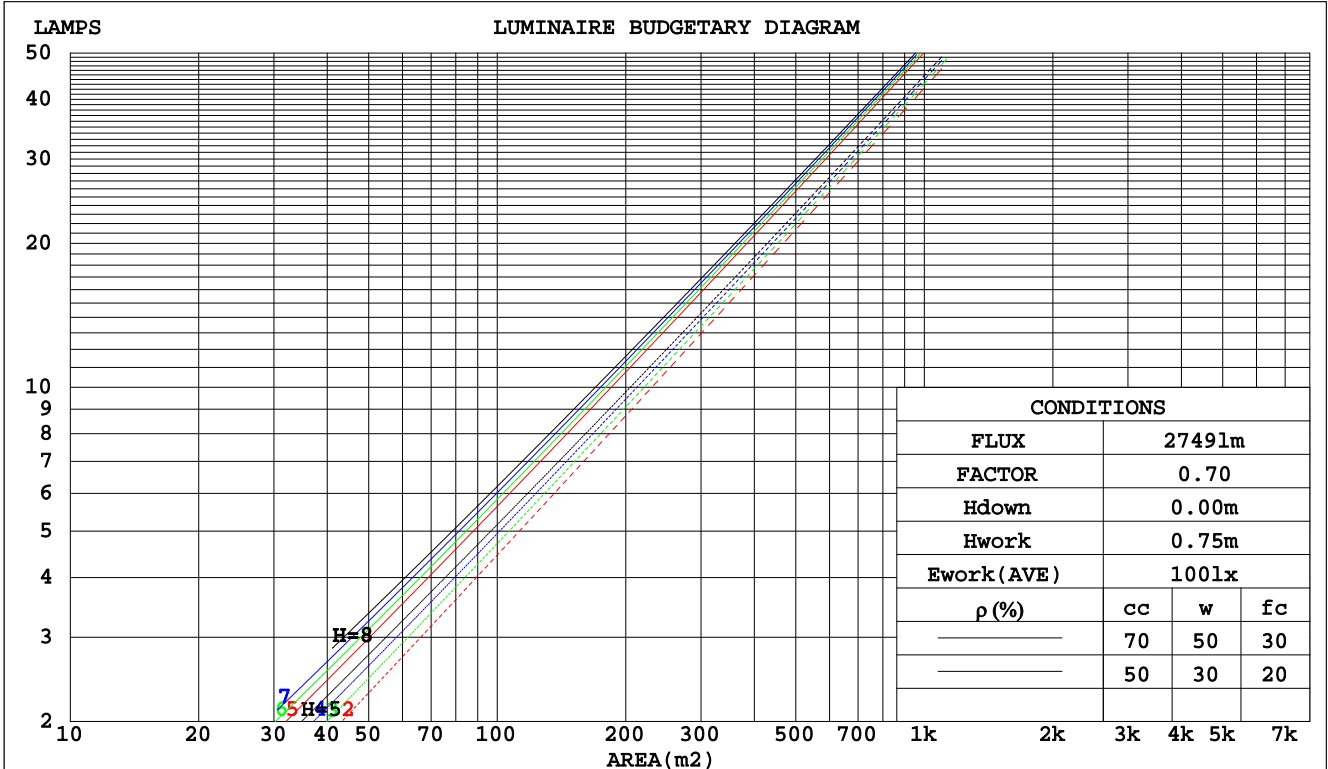
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Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.7V I:0.1316A P:27.99W PF:0.9639 Lamp Flux:2748.6x1 lm		
NAME: FURE M-28W-930-30	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																
ρfc																
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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94
3.0	1.04	1.00	.97	1.02	.99	.97	.00	.97	.95	.98	.95	.94	.95	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.93	.97	.94	.91	.95	.92	.90	.93	.91	.90	.88
5.0	.96	.92	.89	.95	.92	.89	.94	.91	.88	.92	.90	.88	.91	.89	.87	.86
6.0	.93	.89	.86	.93	.89	.86	.91	.88	.86	.90	.87	.85	.89	.86	.84	.83
7.0	.90	.86	.84	.90	.86	.83	.89	.85	.83	.88	.85	.83	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.84	.81	.86	.83	.81	.86	.83	.80	.85	.82	.80	.79
9.0	.85	.81	.79	.85	.81	.79	.84	.81	.79	.83	.80	.78	.83	.80	.78	.77
10.0	.83	.79	.77	.83	.79	.77	.82	.79	.77	.82	.78	.76	.81	.78	.76	.75



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WEC AND CCEC

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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	.133	.076	.024	.127	.072	.023	.115	.066	.021	.103	.059	.019	.093	.054	.017	
2.0	.123	.068	.021	.118	.065	.020	.108	.060	.019	.098	.055	.017	.090	.051	.016	
3.0	.115	.061	.018	.110	.059	.018	.102	.055	.017	.094	.051	.016	.086	.048	.015	
4.0	.107	.056	.016	.103	.054	.016	.096	.051	.015	.090	.048	.015	.083	.045	.014	
5.0	.101	.051	.015	.098	.050	.015	.092	.048	.014	.086	.045	.013	.081	.043	.013	
6.0	.095	.048	.014	.093	.047	.013	.087	.045	.013	.082	.043	.013	.078	.041	.012	
7.0	.090	.045	.013	.088	.044	.012	.084	.042	.012	.079	.041	.012	.075	.039	.011	
8.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011	
9.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010	
10.0	.079	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.067	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

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UGR(Unified Glare Rating) Table

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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	7.6	8.3	7.8	8.4	8.6	7.2	7.8	7.4	8.0	8.1
3H	7.5	8.1	7.8	8.3	8.5	7.1	7.7	7.4	7.9	8.1
4H	7.5	8.0	7.7	8.2	8.4	7.0	7.6	7.3	7.8	8.0
6H	7.4	7.9	7.7	8.1	8.4	7.0	7.5	7.2	7.7	7.9
8H	7.3	7.8	7.6	8.1	8.3	6.9	7.4	7.2	7.7	7.9
12H	7.3	7.8	7.6	8.0	8.3	6.9	7.4	7.2	7.6	7.9
4H 2H	7.6	8.1	7.8	8.3	8.5	7.2	7.7	7.4	8.0	8.2
3H	7.5	7.9	7.8	8.2	8.5	7.1	7.5	7.4	7.8	8.1
4H	7.4	7.8	7.7	8.1	8.4	7.0	7.4	7.3	7.7	8.0
6H	7.3	7.7	7.6	8.0	8.3	6.9	7.3	7.2	7.6	7.9
8H	7.2	7.6	7.6	7.9	8.3	6.8	7.2	7.2	7.5	7.9
12H	7.2	7.5	7.6	7.9	8.3	6.8	7.1	7.2	7.5	7.8
8H 4H	7.2	7.6	7.6	7.9	8.3	6.8	7.2	7.2	7.5	7.9
6H	7.1	7.4	7.5	7.8	8.2	6.7	7.0	7.1	7.4	7.8
8H	7.0	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.3	7.8
12H	7.0	7.2	7.4	7.7	8.1	6.6	6.8	7.0	7.3	7.7
12H 4H	7.2	7.5	7.6	7.9	8.2	6.8	7.1	7.2	7.5	7.8
6H	7.0	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.3	7.8
8H	7.0	7.2	7.4	7.7	8.1	6.6	6.8	7.0	7.3	7.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 3.7					+ 2.0 / - 3.6				
1.5H	+ 2.7 / - 2.3					+ 2.3 / - 2.2				
2.0H	+ 3.5 / - 4.5					+ 3.5 / - 4.8				

CIE Pub.117 Corrected 2749 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

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 Remarks:

**UTILIZATION FACTORS TABLE**

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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	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	107	103	100	106	102	100	104	101	99	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	109	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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**ISOCANDELA DIAGRAM**

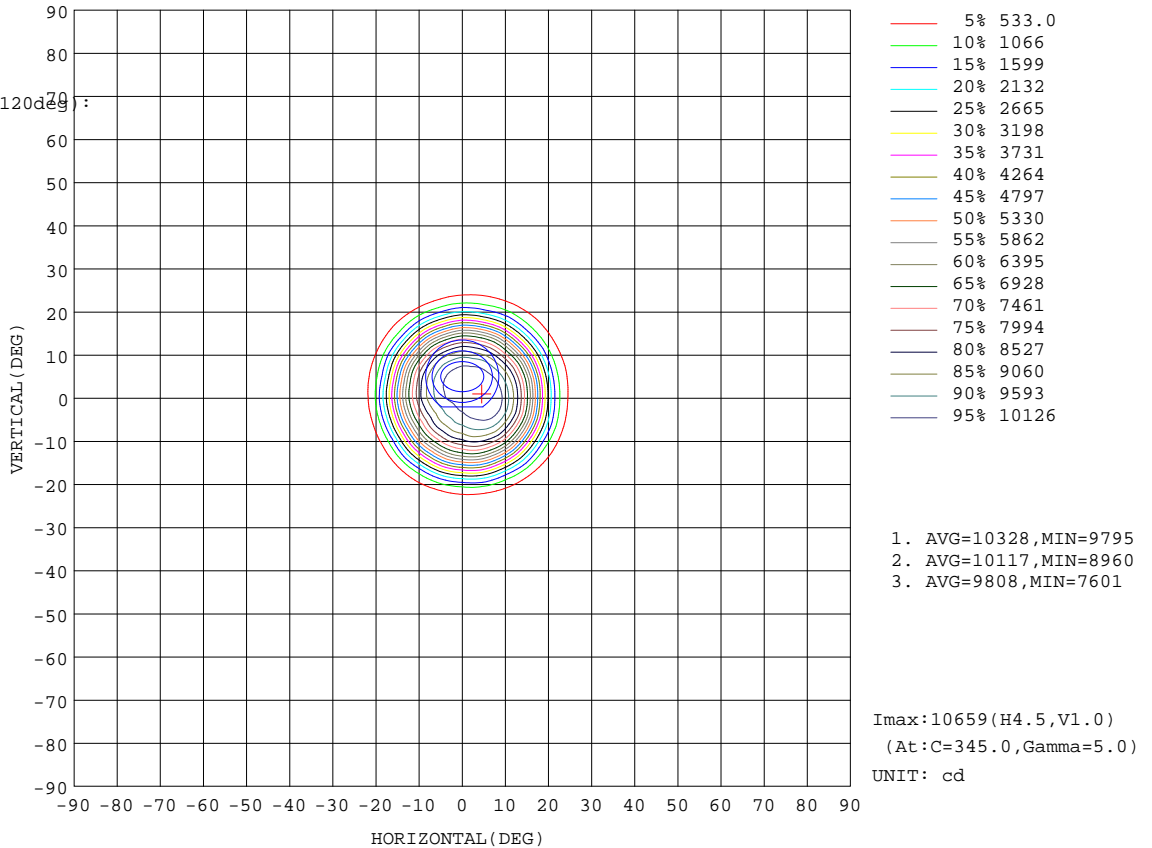
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Conical surface Flux(90deg):

2721.5 lm  
%lum = 99.0%  
%lamp = 99.0%

Conical surface Flux(120deg):

2744.8 lm  
%lum = 99.9%  
%lamp = 99.9%



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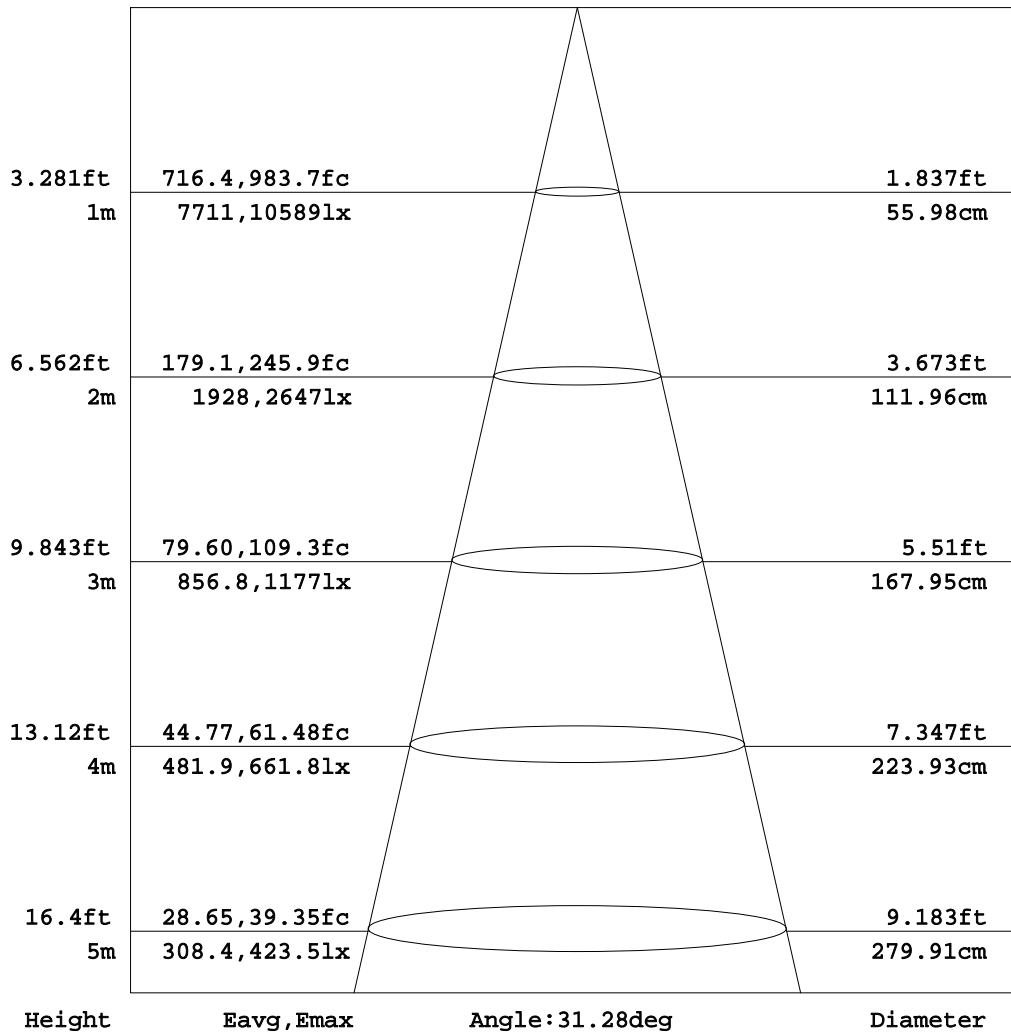
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**AAI Figure**

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Flux out:1992 lm



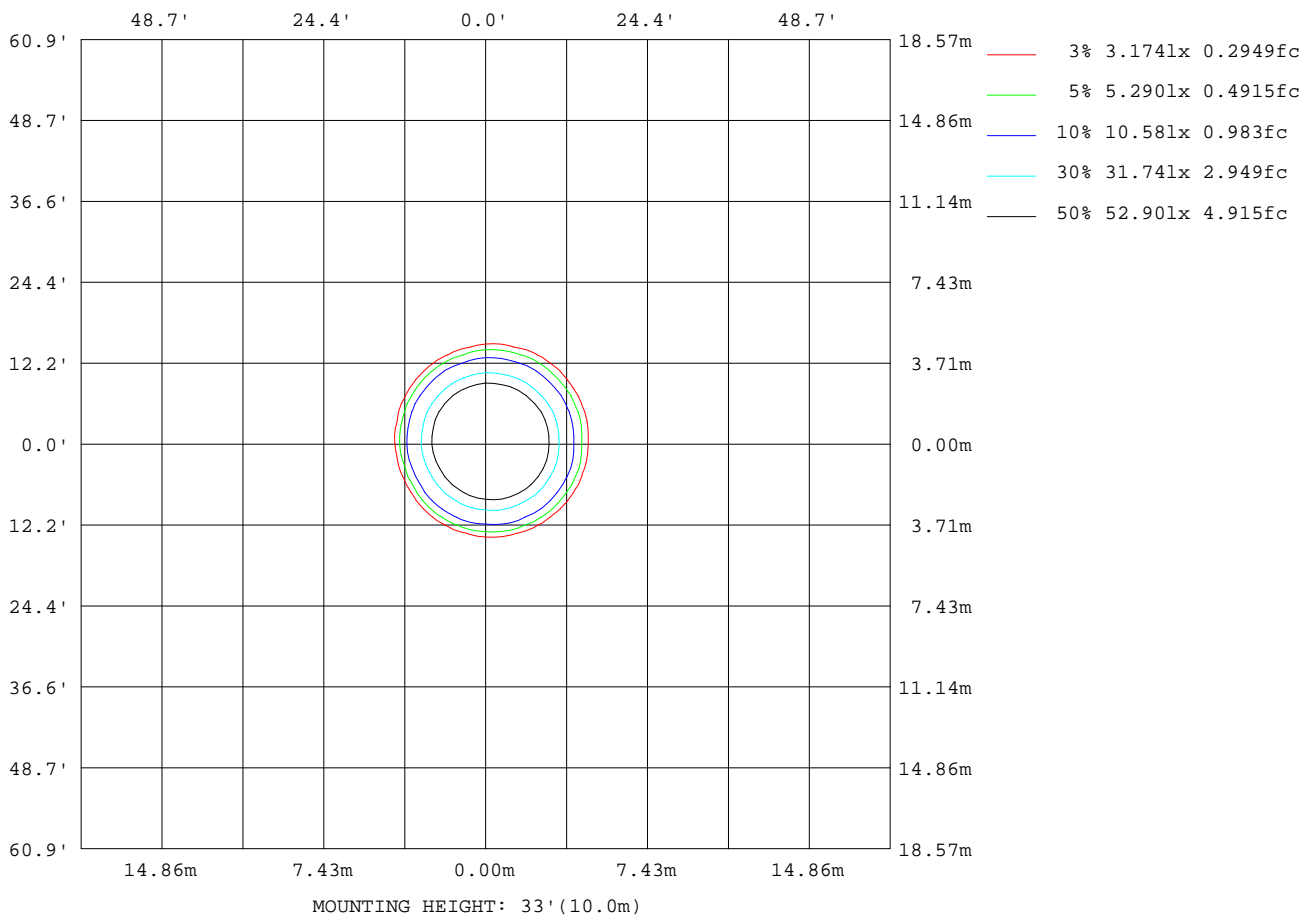
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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**ISOLUX DIAGRAM**

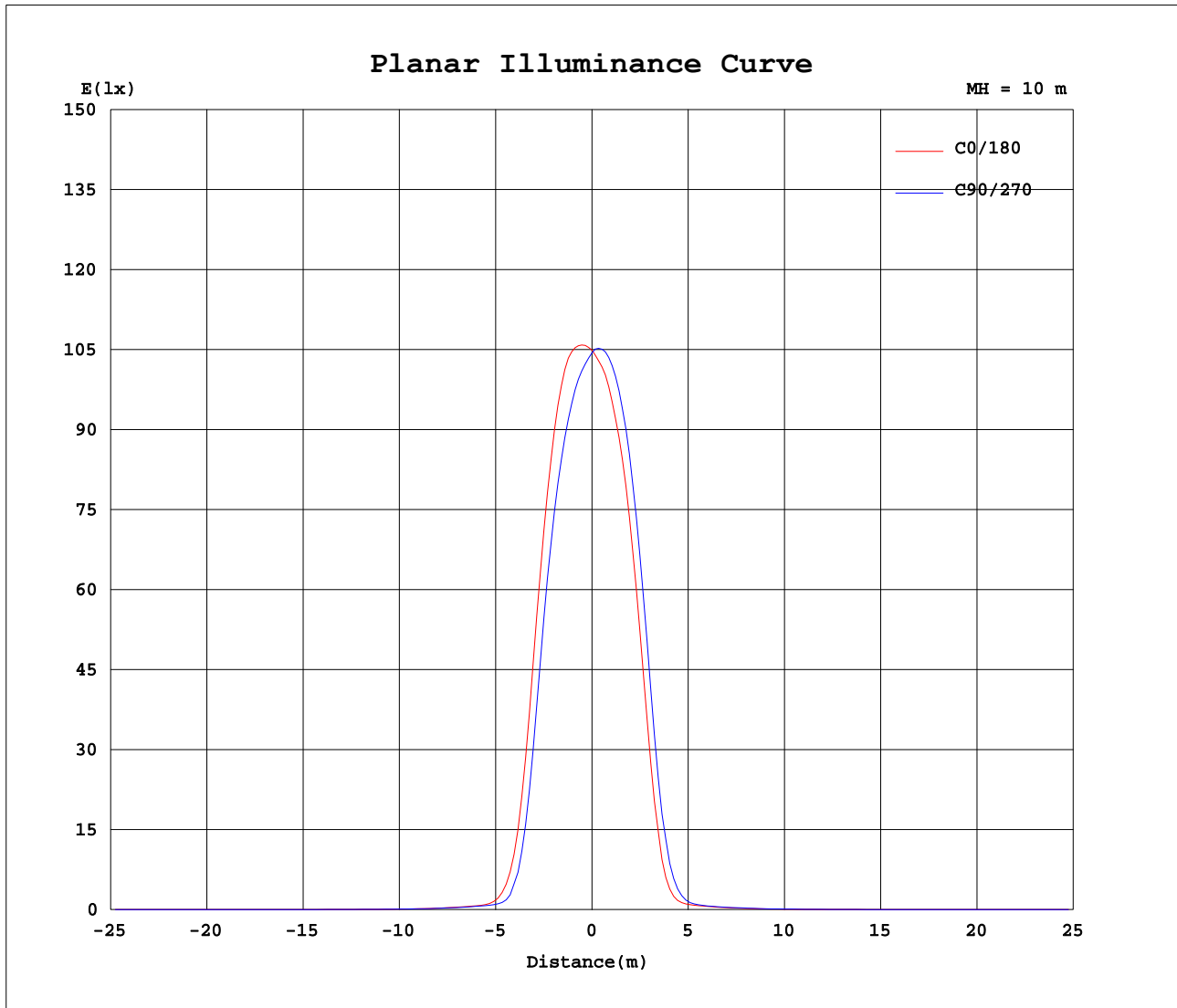
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Planar Illuminance Curve



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## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.1316A P:27.99W PF:0.9639 Lamp Flux:2748.6x1 lm		
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Table--1

UNIT: ×10cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1049	1047	1047	1046	1045	1046	1044	1045	1044	1045	1044	1046	1049	1047	1047	1046	1045	1046	1044
5	1066	1060	1050	1036	1019	1004	986	977	964	966	964	977	991	1000	1014	1026	1036	1042	1047
10	990	987	968	942	905	877	837	823	805	799	790	804	832	846	878	898	921	930	944
15	702	701	667	640	592	562	517	497	466	462	446	463	489	501	544	567	604	617	650
20	256	254	231	213	178	165	132	123	111	106	95.7	99.5	113	121	153	159	183	192	216
25	43.1	40.6	34.9	29.6	23.9	20.8	18.3	17.8	16.9	16.7	16.2	16.6	17.8	19.0	21.5	23.4	26.8	29.4	35.4
30	12.5	12.4	12.3	11.8	11.2	10.7	10.6	10.7	10.7	10.7	10.6	10.4	10.6	11.1	11.7	11.9	11.9	11.7	12.3
35	8.49	8.56	8.37	8.14	7.82	7.63	7.45	7.42	7.30	7.30	7.18	6.94	7.09	7.53	7.99	7.97	8.01	7.93	8.28
40	5.35	5.51	5.37	5.25	5.04	5.04	4.86	4.72	4.65	4.63	4.53	4.27	4.36	4.69	4.99	4.97	5.18	5.26	5.51
45	3.32	3.56	3.57	3.51	3.41	3.47	3.36	3.26	3.22	3.17	3.11	2.95	2.98	3.19	3.36	3.36	3.40	3.43	3.53
50	2.14	2.28	2.28	2.21	2.15	2.16	2.09	2.04	2.02	2.01	1.97	1.88	1.90	1.98	2.04	2.04	2.10	2.12	2.19
55	1.39	1.42	1.41	1.40	1.37	1.37	1.34	1.33	1.30	1.30	1.28	1.26	1.27	1.26	1.28	1.27	1.31	1.30	1.35
60	0.86	0.87	0.86	0.87	0.84	0.83	0.80	0.80	0.77	0.76	0.74	0.74	0.75	0.74	0.75	0.75	0.77	0.77	0.81
65	0.37	0.37	0.36	0.35	0.33	0.32	0.29	0.29	0.27	0.26	0.25	0.25	0.26	0.26	0.27	0.27	0.29	0.29	0.32
70	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05
75	0.03	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	0.02
80	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	0.01	0.02	0.01
85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-18

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	10491	10475	10471	10462	10452	10456	10441	10451	10435	10451
3.0	10632	10587	10529	10439	10324	10227	10143	10109	10053	10040
6.0	10632	10582	10474	10281	10060	9867	9642	9569	9424	9435
9.0	10199	10167	10009	9760	9433	9153	8768	8667	8473	8461
12.0	9020	8993	8738	8498	8083	7759	7340	7142	6912	6853
15.0	7024	7007	6670	6399	5921	5619	5168	4974	4664	4616
18.0	4290	4258	3931	3715	3247	3010	2607	2483	2272	2220
21.0	1851	1850	1652	1574	1217	1072	864.5	807.1	716.2	691.5
24.0	626.7	604.5	557.8	443.1	343.9	295.2	243.6	233.5	214.4	210.9
27.0	219.2	208.2	185.4	167.9	149.3	144.1	134.3	136.6	130.8	132.5
30.0	125.2	124.1	123.1	117.9	112.0	107.3	106.5	107.5	106.7	107.2
33.0	99.88	100.4	98.74	95.33	91.14	88.32	86.63	86.95	85.69	85.60
36.0	78.65	79.14	77.46	75.38	72.72	71.23	69.55	68.88	67.76	67.65
39.0	60.20	61.57	60.12	58.73	56.57	56.30	54.51	53.18	52.07	52.02
42.0	41.84	44.10	43.60	42.68	41.52	42.22	40.93	39.50	39.11	38.59
45.0	33.19	35.64	35.67	35.10	34.09	34.75	33.55	32.58	32.21	31.71
48.0	26.22	27.99	27.92	27.21	26.05	26.32	25.24	24.39	24.11	23.76
51.0	19.53	20.73	20.69	20.24	19.63	19.70	19.19	18.79	18.58	18.48
54.0	15.02	15.53	15.42	15.30	14.91	14.94	14.64	14.50	14.25	14.24
57.0	11.74	11.90	11.76	11.79	11.48	11.46	11.22	11.11	10.83	10.78
60.0	8.642	8.746	8.638	8.676	8.356	8.295	8.028	7.971	7.678	7.581
63.0	5.649	5.725	5.569	5.530	5.210	5.123	4.804	4.724	4.423	4.344
66.0	2.837	2.900	2.771	2.736	2.506	2.426	2.214	2.181	1.989	1.952
69.0	0.9655	1.013	0.9544	0.9179	0.7507	0.6935	0.6116	0.5998	0.5692	0.5406
72.0	0.3706	0.3427	0.3575	0.3340	0.3310	0.2992	0.3025	0.2686	0.2717	0.2359
75.0	0.2517	0.2250	0.2473	0.2229	0.2408	0.2119	0.2254	0.1922	0.2036	0.1726
78.0	0.1948	0.1682	0.1926	0.1682	0.1860	0.1573	0.1751	0.1420	0.1597	0.1311
81.0	0.1554	0.1311	0.1554	0.1311	0.1488	0.1224	0.1422	0.1093	0.1312	0.1049
84.0	0.1291	0.1049	0.1247	0.1006	0.1225	0.1006	0.1203	0.0984	0.1094	0.0984
87.0	0.1072	0.0940	0.1072	0.0962	0.1050	0.0984	0.1050	0.0984	0.1006	0.0984
90.0	0.0962	0.0940	0.0962	0.0962	0.0984	0.0984	0.1006	0.1006	0.0984	0.1006
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	10441	10456	10491	10471	10471	10462	10452	10456	10441	10451
3.0	10038	10110	10216	10271	10345	10407	10462	10509	10552	10594
6.0	9379	9516	9681	9796	9977	10112	10237	10308	10368	10398
9.0	8340	8502	8763	8904	9177	9383	9569	9639	9749	9774
12.0	6758	6924	7176	7340	7715	7931	8215	8320	8523	8560
15.0	4464	4626	4888	5010	5442	5667	6037	6173	6500	6622
18.0	2039	2140	2365	2446	2822	3004	3334	3463	3811	3928
21.0	623.1	645.0	746.2	808.6	985.8	1086	1345	1356	1623	1634
24.0	198.7	207.1	229.8	248.8	292.7	325.6	384.8	424.2	512.3	601.3
27.0	127.6	131.1	135.2	138.9	148.8	155.9	163.6	168.2	189.3	208.9
30.0	105.9	103.7	105.9	111.4	117.3	118.5	118.7	117.0	122.9	131.3
33.0	84.07	81.47	83.50	88.03	93.82	93.51	93.87	92.29	96.43	102.8
36.0	66.65	64.47	65.69	69.96	74.26	73.92	74.76	74.39	77.48	81.11
39.0	50.79	48.41	49.56	53.09	56.49	56.14	58.16	58.85	61.46	62.35
42.0	37.83	35.47	35.99	38.89	41.18	41.02	41.97	42.78	44.11	44.02
45.0	31.11	29.46	29.79	31.85	33.58	33.56	34.02	34.29	35.32	35.30
48.0	23.21	21.98	22.37	23.74	25.14	25.08	25.75	26.07	27.27	27.61
51.0	18.13	17.46	17.67	18.07	18.55	18.47	18.97	19.07	19.71	20.09
54.0	14.01	13.75	13.81	13.85	13.98	13.92	14.26	14.25	14.68	15.08
57.0	10.53	10.48	10.60	10.45	10.57	10.55	10.84	10.83	11.21	11.55
60.0	7.401	7.402	7.507	7.371	7.461	7.487	7.700	7.732	8.089	8.383
63.0	4.163	4.171	4.318	4.264	4.383	4.437	4.678	4.747	5.095	5.344
66.0	1.814	1.805	1.904	1.910	2.011	2.030	2.197	2.241	2.488	2.659
69.0	0.4705	0.4840	0.5096	0.4812	0.5749	0.5993	0.6253	0.6481	0.7623	0.8413
72.0	0.2519	0.2293	0.2227	0.2497	0.2358	0.2716	0.2706	0.3067	0.3120	0.3417
75.0	0.1883	0.1682	0.1682	0.1904	0.1704	0.2014	0.1900	0.2232	0.2075	0.2385
78.0	0.1488	0.1311	0.1290	0.1531	0.1354	0.1597	0.1420	0.1728	0.1594	0.1816
81.0	0.1225	0.1084	0.1196	0.1312	0.1027	0.1334	0.1136	0.1422	0.1288	0.1466
84.0	0.1072	0.1056	0.1123	0.1137	0.0984	0.1159	0.0984	0.1182	0.1084	0.1247
87.0	0.1006	0.1028	0.1050	0.1050	0.0984	0.1028	0.0984	0.1050	0.1006	0.1072
90.0	0.1006	0.1028	0.1050	0.1028	0.1006	0.1006	0.0984	0.1006	0.1006	0.1006
G/C	300.0	315.0	330.0	345.0						
0.0	10435	10451	10441	10456						
3.0	10614	10619	10619	10623						
6.0	10479	10545	10589	10607						
9.0	9915	9970	10099	10159						
12.0	8728	8814	8963	9037						
15.0	6890	6946	7168	7146						
18.0	4272	4338	4571	4510						
21.0	1872	1916	2031	1971						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-18

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	676.8	704.8	723.9	687.7
27.0	242.0	248.9	255.4	242.5
30.0	141.2	135.4	135.8	128.2
33.0	107.6	105.4	102.0	100.5
36.0	83.68	82.21	80.33	78.75
39.0	64.61	63.41	63.12	61.08
42.0	45.55	44.72	44.69	42.69
45.0	36.42	35.88	35.87	33.87
48.0	28.91	28.50	28.65	27.03
51.0	21.03	20.68	20.78	19.92
54.0	15.49	15.25	15.30	15.12
57.0	11.77	11.62	11.66	11.78
60.0	8.599	8.532	8.606	8.696
63.0	5.604	5.574	5.707	5.762
66.0	2.874	2.836	2.953	2.948
69.0	0.9865	1.008	1.080	1.043
72.0	0.3338	0.3617	0.3599	0.3793
75.0	0.2185	0.2451	0.2229	0.2516
78.0	0.1639	0.1904	0.1726	0.1947
81.0	0.1332	0.1553	0.1355	0.1597
84.0	0.1027	0.1291	0.1071	0.1335
87.0	0.0962	0.1094	0.1006	0.1159
90.0	0.0962	0.1006	0.1006	0.1071

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-18

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: