

LED Tracklight FURE M-28W-940-45



Light Output Ratio:	100.0%	
Luminaire Power:	27.94 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.75	fine grid method.

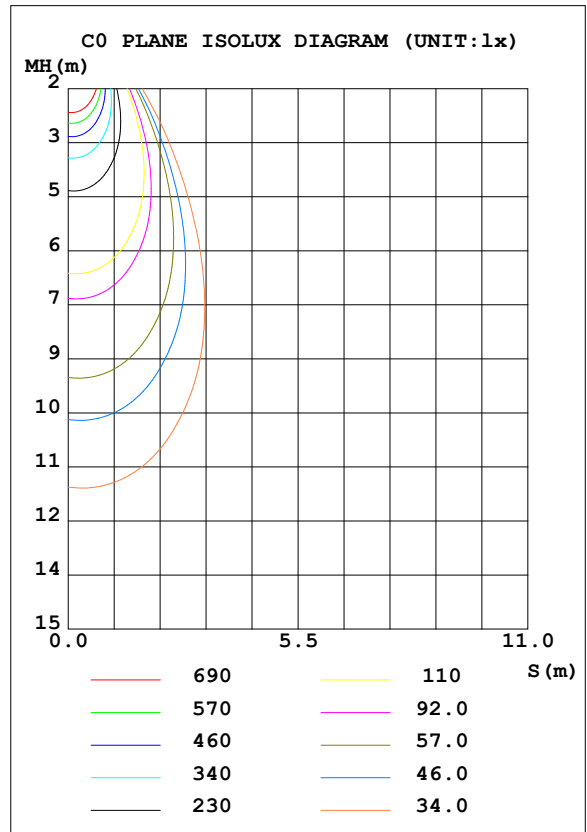
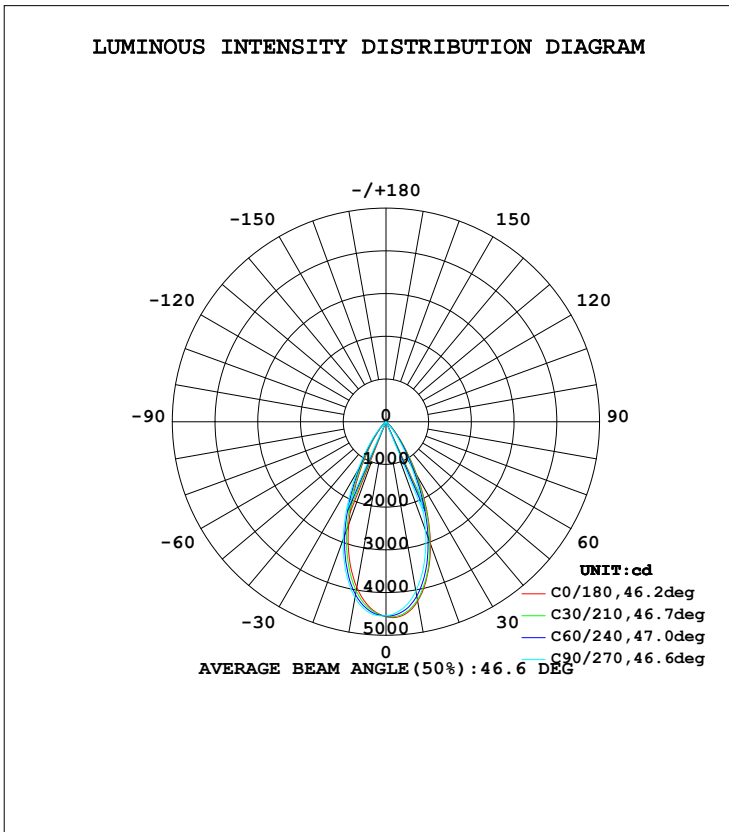
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-19

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:0.1314A P:27.94W PF:0.9639 Lamp Flux:2872.14x1 lm		
NAME: FURE M-28W-940-45	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.79 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	4588	S/MH (C0/180)	0.69
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.75
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2872.1	η UP, DN (C0-180)	0.0, 48.9
NOMINAL FLUX (lm)	2872.14	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.75



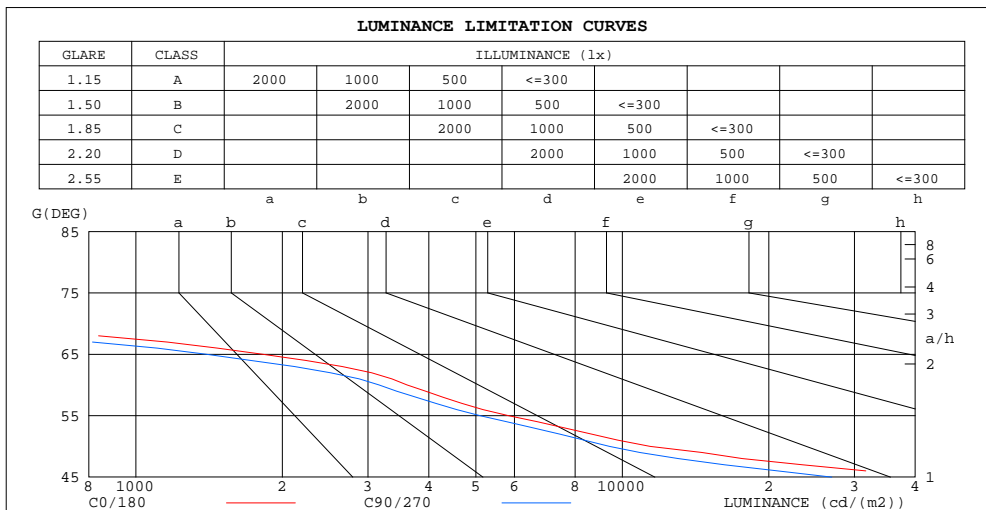
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	4269	4210	4026	3901	3940	4052	4180	4222	0- 10	413.0	413.0	14.4,14.4
20	3044	2967	2706	2524	2558	2739	2929	2997	10- 20	973.5	1387	48.3,48.3
30	1445	1347	1132	1008	1029	1161	1350	1445	20- 30	904.2	2291	79.8,79.8
40	409.5	366.6	284.9	253.3	247.1	291.0	371.0	423.6	30- 40	440.0	2731	95.1,95.1
50	46.63	41.33	38.48	39.24	38.13	36.46	42.74	50.04	40- 50	117.1	2848	99.2,99.2
60	11.48	10.69	10.05	9.428	9.566	9.915	10.95	11.70	50- 60	19.31	2867	99.8,99.8
70	0.6897	0.6562	0.5185	0.4827	0.4890	0.5067	0.5949	0.7106	60- 70	4.565	2872	100,100
80	0.1903	0.1770	0.2210	0.2098	0.1878	0.2035	0.1659	0.1685	70- 80	0.3213	2872	100,100
90	0.1377	0.1399	0.1487	0.1487	0.0896	0.0875	0.0875	0.0875	80- 90	0.1550	2872	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	272	308
80	172	200
75	165	189
70	317	238
65	1820	1393
60	3610	3161
55	5835	5099
50	11410	9414
45	40774	26937

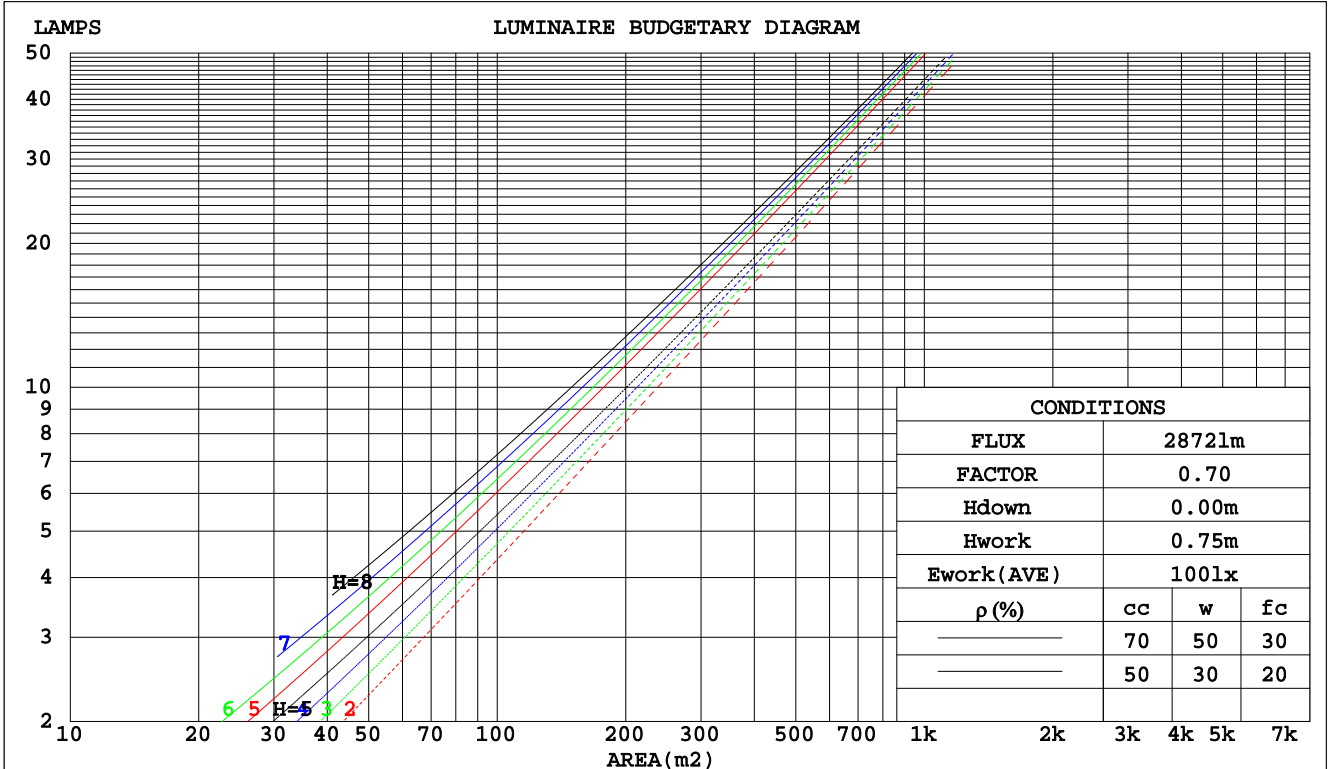
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: FURE M-28W-940-45	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

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															
	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	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.93	.90	.97	.92	.89	.94	.90	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.79	.75	.72	.77	.74	.71	.70
7.0	.78	.72	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.67	.62	.58	.67	.61	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



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WEC AND CCEC

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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	.167	.095	.030	.160	.091	.029	.147	.085	.027	.136	.078	.025	.125	.073	.023	
2.0	.159	.087	.027	.153	.084	.026	.143	.079	.025	.133	.075	.023	.124	.070	.022	
3.0	.151	.080	.024	.146	.078	.024	.137	.074	.023	.129	.071	.022	.121	.067	.021	
4.0	.144	.075	.022	.139	.073	.022	.132	.070	.021	.125	.067	.020	.118	.064	.020	
5.0	.137	.070	.020	.133	.068	.020	.127	.066	.019	.120	.064	.019	.115	.061	.018	
6.0	.131	.065	.019	.128	.064	.019	.122	.062	.018	.116	.060	.018	.111	.059	.017	
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	.108	.056	.016	
8.0	.120	.058	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016	
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015	
10.0	.110	.053	.015	.108	.052	.015	.105	.051	.014	.101	.050	.014	.098	.049	.014	

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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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.113	.091	.121	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

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 Humidity:52%
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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	20.6	21.5	20.8	21.7	21.8	19.3	20.2	19.6	20.4	20.6
3H	20.5	21.3	20.7	21.5	21.7	19.2	20.0	19.4	20.2	20.4
4H	20.4	21.1	20.7	21.4	21.6	19.1	19.9	19.4	20.1	20.3
6H	20.3	21.0	20.6	21.2	21.5	19.0	19.7	19.3	20.0	20.2
8H	20.2	20.9	20.6	21.2	21.4	19.0	19.7	19.3	19.9	20.2
12H	20.2	20.9	20.5	21.1	21.4	18.9	19.6	19.2	19.8	20.1
4H 2H	20.4	21.1	20.7	21.4	21.6	19.1	19.9	19.4	20.1	20.3
3H	20.2	20.9	20.5	21.1	21.4	18.9	19.6	19.2	19.9	20.1
4H	20.1	20.7	20.5	21.0	21.3	18.8	19.4	19.2	19.7	20.0
6H	20.0	20.5	20.4	20.9	21.2	18.7	19.3	19.1	19.6	19.9
8H	20.0	20.5	20.4	20.8	21.2	18.7	19.2	19.1	19.5	19.9
12H	19.9	20.4	20.3	20.7	21.1	18.6	19.1	19.0	19.5	19.8
8H 4H	20.0	20.5	20.4	20.8	21.2	18.7	19.2	19.1	19.5	19.9
6H	19.9	20.3	20.3	20.7	21.1	18.6	19.0	19.0	19.4	19.8
8H	19.8	20.2	20.2	20.6	21.0	18.5	18.9	19.0	19.3	19.7
12H	19.7	20.0	20.2	20.5	21.0	18.5	18.8	18.9	19.2	19.7
12H 4H	19.9	20.4	20.3	20.7	21.1	18.6	19.1	19.0	19.5	19.8
6H	19.8	20.2	20.2	20.6	21.0	18.5	18.9	19.0	19.3	19.7
8H	19.7	20.0	20.2	20.5	21.0	18.5	18.8	18.9	19.2	19.7
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -14.4					+ 2.8 / -13.5				
1.5H	+ 5.8 / -12.2					+ 5.1 / -10.8				
2.0H	+ 7.8 / - 9.8					+ 6.9 / - 8.5				

CIE Pub.117 Corrected 2872 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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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	88	82	79	88	82	79	87	82	78	75
0.80	96	90	87	95	90	86	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	95	90
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	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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ISOCANDELA DIAGRAM

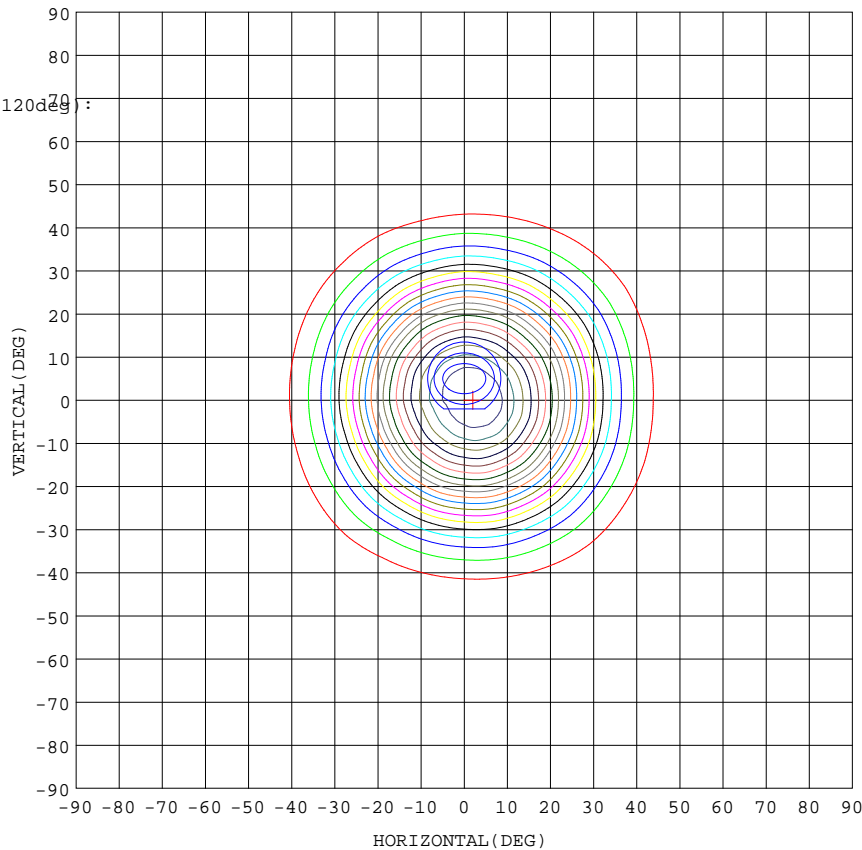
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Conical surface Flux(90deg):

2815.6 lm
%lum = 98.0%
%lamp = 98.0%

Conical surface Flux(120deg):

2867.1 lm
%lum = 99.8%
%lamp = 99.8%



1. AVG=4437, MIN=4263
2. AVG=4381, MIN=4067
3. AVG=4306, MIN=3807

Imax: 4588 (H2.0, V0.0)
(At: C=0.0, Gamma=2.0)
UNIT: cd

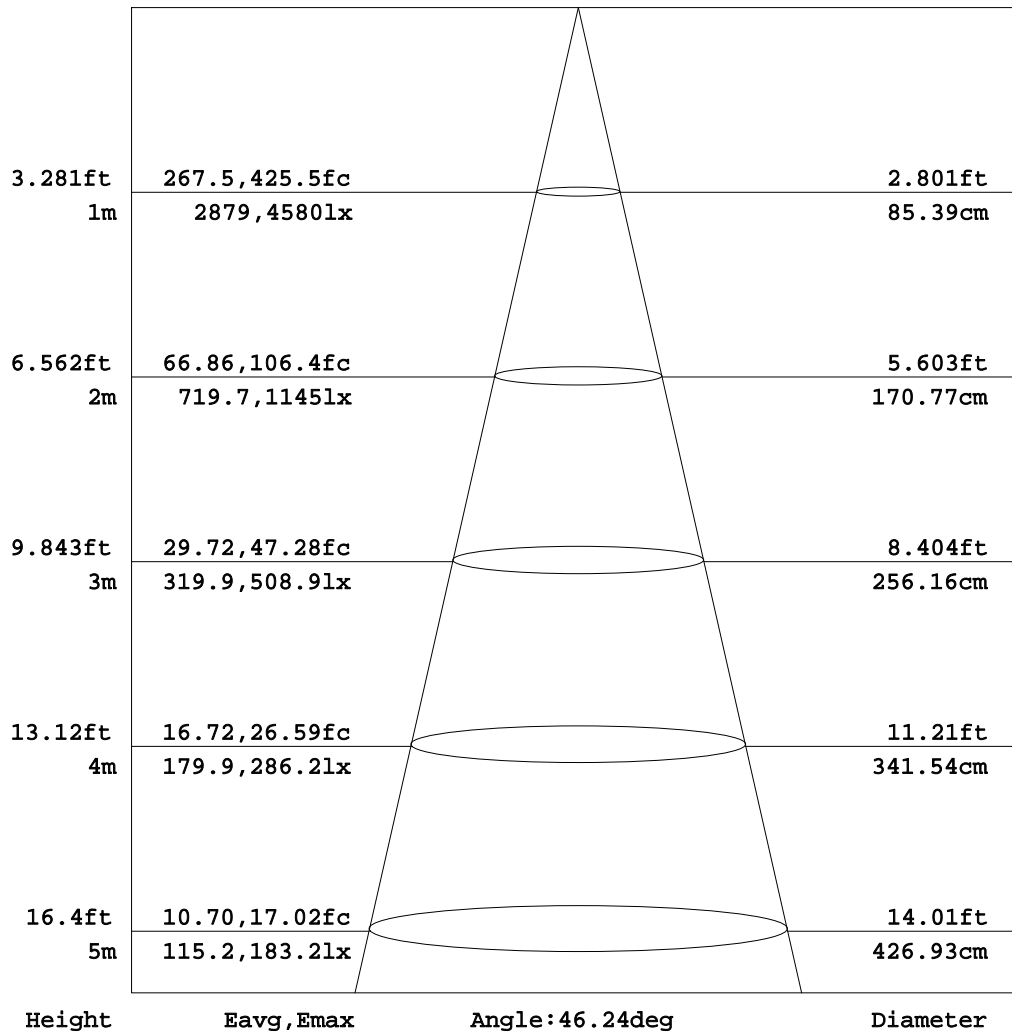
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AAI Figure

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Flux out:1793 lm



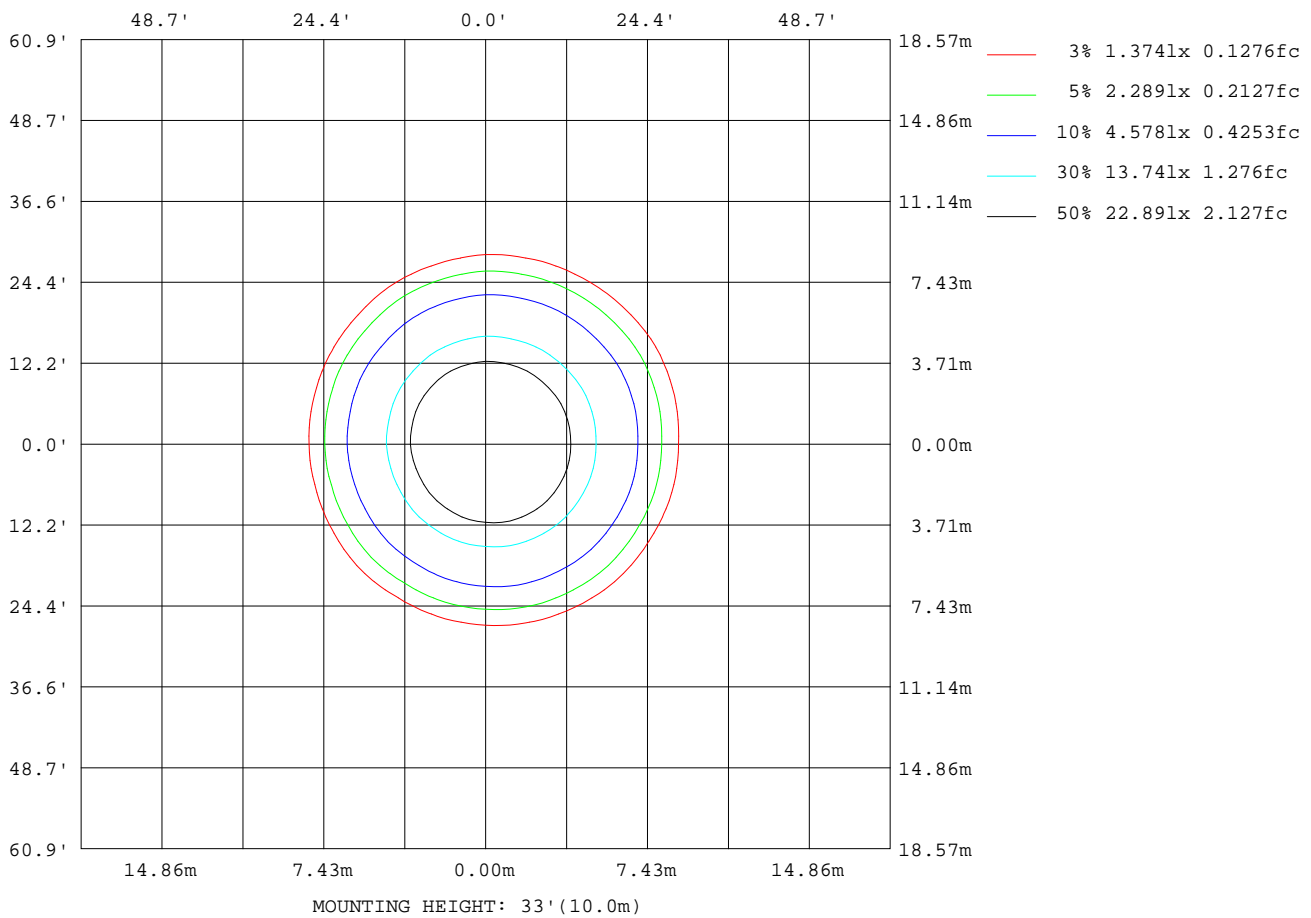
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

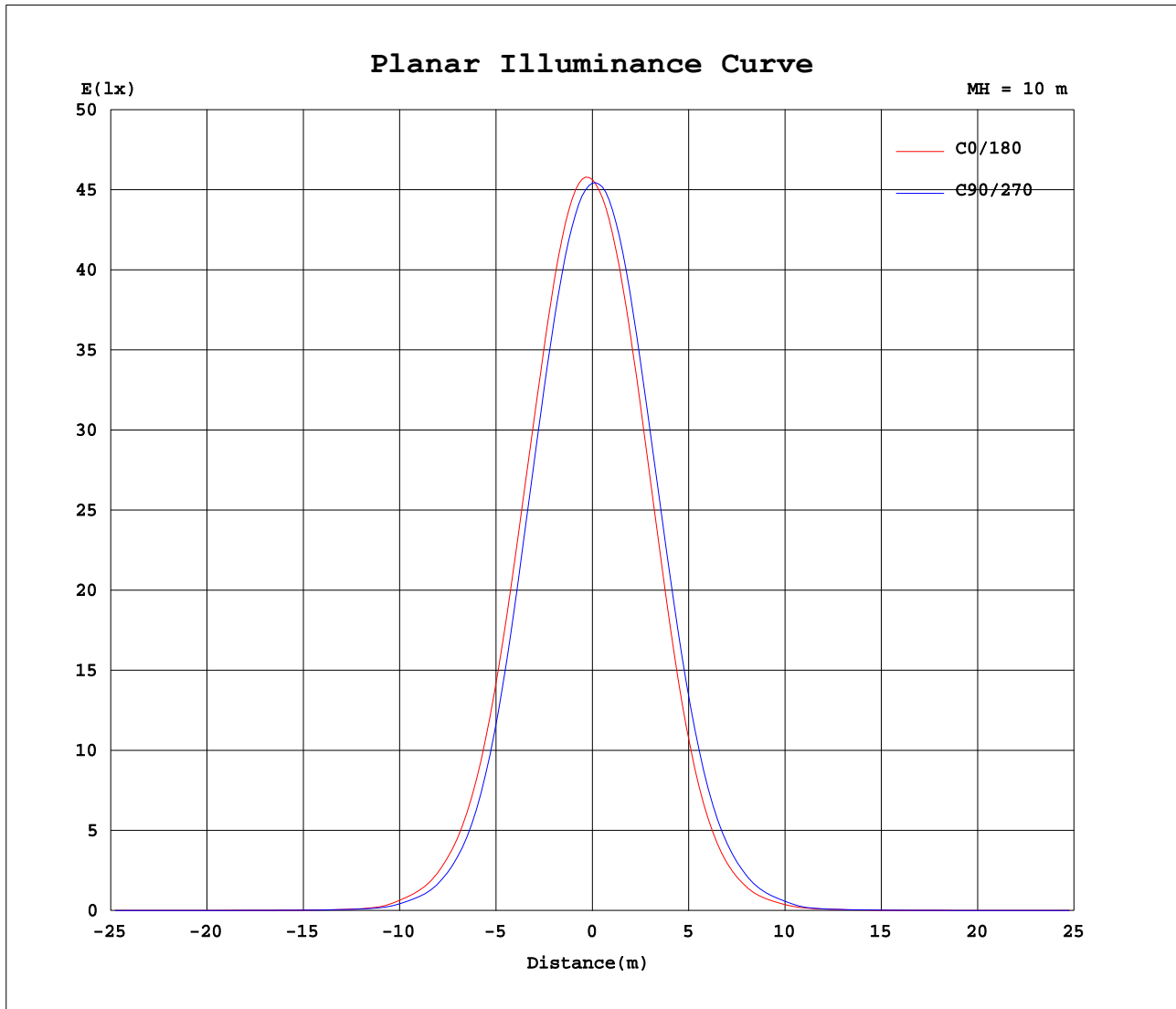
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	4564	4558	4557	4552	4548	4546	4542	4541	4537	4537	4533	4534	4564	4558	4557	4552	4548	4546	4542
5	4550	4542	4520	4496	4462	4433	4395	4372	4338	4325	4305	4315	4362	4369	4395	4412	4441	4459	4486
10	4269	4268	4238	4210	4146	4103	4026	3979	3923	3901	3872	3877	3940	3958	4022	4052	4113	4138	4180
15	3732	3746	3705	3678	3602	3541	3445	3390	3311	3290	3242	3252	3319	3342	3420	3469	3544	3580	3633
20	3044	3043	3001	2967	2881	2813	2706	2641	2559	2524	2473	2490	2558	2590	2677	2739	2830	2866	2929
25	2239	2232	2178	2134	2045	1978	1874	1813	1736	1705	1664	1671	1732	1762	1852	1905	2001	2047	2120
30	1445	1440	1385	1347	1270	1215	1132	1079	1023	1008	975	979	1029	1050	1116	1161	1239	1280	1350
35	821	816	775	751	695	661	610	573	535	538	516	516	536	558	598	630	680	710	758
40	409	403	378	367	335	312	285	266	248	253	242	238	247	258	274	291	323	340	371
45	183	183	166	162	144	133	121	116	106	110	104	103	106	107	114	120	137	146	164
50	46.6	45.0	42.2	41.3	39.4	39.5	38.5	39.1	38.7	39.2	38.1	37.9	38.1	36.3	36.6	36.5	38.2	39.4	42.7
55	21.3	20.8	20.0	19.9	19.1	19.2	18.6	18.7	18.2	18.2	17.6	17.7	18.0	17.4	17.8	17.8	18.6	18.9	20.2
60	11.5	11.3	10.9	10.7	10.4	10.4	10.1	9.95	9.55	9.43	9.12	9.22	9.57	9.52	9.84	9.92	10.3	10.5	10.9
65	4.89	4.84	4.50	4.42	4.11	4.04	3.74	3.65	3.40	3.36	3.16	3.22	3.39	3.35	3.55	3.60	3.88	4.03	4.45
70	0.69	0.71	0.64	0.66	0.59	0.57	0.52	0.51	0.50	0.48	0.50	0.48	0.49	0.50	0.49	0.51	0.54	0.54	0.59
75	0.27	0.26	0.28	0.27	0.30	0.28	0.31	0.29	0.32	0.30	0.31	0.29	0.28	0.30	0.28	0.30	0.27	0.29	0.25
80	0.19	0.17	0.19	0.18	0.21	0.19	0.22	0.20	0.23	0.21	0.23	0.21	0.19	0.21	0.18	0.20	0.17	0.19	0.17
85	0.15	0.14	0.16	0.14	0.16	0.14	0.17	0.15	0.18	0.15	0.18	0.16	0.12	0.14	0.11	0.13	0.11	0.13	0.10
90	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.09	0.09	0.09	0.09	0.09	0.09	0.09

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-19

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:0.1314A P:27.94W PF:0.9639 Lamp Flux:2872.14x1 lm		
NAME: FURE M-28W-940-45	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345													
0	4541	4537	4537	4533	4534													
5	4498	4513	4519	4530	4531													
10	4190	4214	4222	4256	4256													
15	3634	3672	3684	3730	3734													
20	2942	2987	2997	3046	3052													
25	2143	2203	2222	2273	2271													
30	1370	1429	1445	1496	1481													
35	777	817	832	866	854													
40	385	403	424	445	433													
45	173	183	194	208	197													
50	44.9	48.6	50.0	51.7	49.7													
55	20.7	22.1	22.3	23.1	22.3													
60	11.1	11.6	11.7	11.9	11.8													
65	4.63	5.07	5.12	5.36	5.20													
70	0.61	0.70	0.71	0.79	0.77													
75	0.26	0.24	0.26	0.24	0.26													
80	0.18	0.15	0.17	0.15	0.17													
85	0.12	0.10	0.12	0.10	0.12													
90	0.09	0.09	0.09	0.08	0.09													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-19

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	4564	4558	4557	4552	4548	4546	4542	4541	4537	4537
3.0	4585	4577	4563	4545	4522	4505	4481	4468	4447	4441
6.0	4515	4508	4483	4459	4418	4389	4341	4309	4268	4254
9.0	4347	4345	4315	4289	4229	4190	4119	4076	4018	4000
12.0	4083	4086	4049	4024	3951	3902	3816	3765	3702	3678
15.0	3732	3746	3705	3678	3602	3541	3445	3390	3311	3290
18.0	3337	3345	3299	3269	3186	3124	3019	2957	2877	2853
21.0	2887	2888	2842	2809	2718	2648	2538	2477	2391	2357
24.0	2401	2400	2346	2304	2212	2143	2036	1978	1893	1865
27.0	1912	1903	1847	1806	1718	1660	1557	1504	1429	1411
30.0	1445	1440	1385	1347	1270	1215	1132	1079	1023	1008
33.0	1044	1036	990.8	960.4	897.2	851.1	786.3	745.9	701.4	697.0
36.0	724.2	718.0	681.3	658.8	613.7	576.1	528.0	497.5	466.0	468.9
39.0	479.0	472.6	444.1	431.0	394.6	368.9	336.1	315.0	293.9	298.7
42.0	303.1	298.3	278.3	270.6	247.0	228.1	209.6	196.2	182.8	187.9
45.0	183.3	182.5	165.7	162.0	144.2	133.3	121.1	115.5	106.3	110.1
48.0	75.05	72.99	70.54	64.93	63.00	58.65	55.43	55.69	53.75	54.62
51.0	39.17	37.87	35.93	35.22	33.92	34.11	33.41	33.90	33.65	34.09
54.0	25.02	24.42	23.33	23.11	22.20	22.37	21.63	21.84	21.32	21.55
57.0	16.20	15.97	15.43	15.27	14.77	14.77	14.32	14.21	13.74	13.63
60.0	11.48	11.32	10.87	10.69	10.36	10.38	10.05	9.948	9.549	9.428
63.0	7.668	7.553	7.116	6.960	6.558	6.487	6.115	6.002	5.603	5.544
66.0	3.806	3.745	3.494	3.459	3.200	3.137	2.863	2.799	2.524	2.515
69.0	1.204	1.224	1.116	1.092	0.9403	0.8979	0.7578	0.7457	0.6604	0.6718
72.0	0.3858	0.3669	0.3900	0.3778	0.3943	0.3822	0.3964	0.3779	0.3964	0.3736
75.0	0.2715	0.2557	0.2824	0.2666	0.2976	0.2819	0.3107	0.2928	0.3151	0.2950
78.0	0.2144	0.1988	0.2188	0.2054	0.2363	0.2185	0.2516	0.2338	0.2582	0.2360
81.0	0.1772	0.1595	0.1859	0.1662	0.1969	0.1792	0.2079	0.1901	0.2166	0.2010
84.0	0.1553	0.1434	0.1597	0.1443	0.1706	0.1508	0.1772	0.1595	0.1838	0.1639
87.0	0.1443	0.1356	0.1465	0.1399	0.1509	0.1421	0.1597	0.1465	0.1597	0.1487
90.0	0.1377	0.1356	0.1399	0.1399	0.1421	0.1421	0.1487	0.1487	0.1487	0.1487
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4533	4534	4564	4558	4557	4552	4548	4546	4542	4541
3.0	4427	4430	4468	4470	4485	4494	4510	4521	4536	4544
6.0	4233	4243	4295	4307	4342	4361	4393	4414	4445	4457
9.0	3972	3982	4039	4059	4115	4143	4196	4223	4263	4272
12.0	3638	3649	3709	3734	3801	3839	3909	3939	3984	3996
15.0	3242	3252	3319	3342	3420	3469	3544	3580	3633	3634
18.0	2800	2811	2879	2908	2997	3049	3135	3170	3228	3236
21.0	2304	2323	2393	2422	2512	2574	2669	2707	2772	2787
24.0	1819	1828	1894	1922	2015	2069	2168	2214	2286	2309
27.0	1365	1373	1434	1457	1541	1589	1681	1727	1800	1822
30.0	975.3	979.4	1029	1050	1116	1161	1239	1280	1350	1370
33.0	672.8	672.6	704.9	724.9	777.0	811.3	875.1	909.8	964.8	989.2
36.0	449.2	448.0	465.5	484.3	519.5	544.9	594.7	626.7	666.8	682.2
39.0	284.5	281.8	292.4	305.1	325.4	343.8	381.4	400.8	435.2	450.2
42.0	179.3	175.9	182.5	189.9	200.9	213.5	238.3	250.1	272.8	285.8
45.0	103.6	102.7	105.8	107.1	113.9	120.1	136.9	145.9	164.0	173.3
48.0	52.41	52.16	53.13	51.03	52.24	52.43	56.93	62.66	66.22	70.85
51.0	33.19	32.96	33.13	31.56	31.90	31.74	33.03	33.98	36.42	37.92
54.0	20.80	20.86	21.09	20.22	20.67	20.70	21.58	22.05	23.54	24.27
57.0	13.23	13.31	13.64	13.44	13.83	13.93	14.41	14.68	15.41	15.76
60.0	9.123	9.224	9.566	9.519	9.836	9.915	10.27	10.46	10.95	11.15
63.0	5.235	5.330	5.606	5.540	5.844	5.942	6.344	6.553	7.082	7.305
66.0	2.312	2.386	2.547	2.483	2.707	2.738	3.011	3.126	3.439	3.606
69.0	0.6309	0.6263	0.6692	0.6502	0.7059	0.7275	0.8276	0.8553	0.9946	1.055
72.0	0.3941	0.3758	0.3713	0.3875	0.3669	0.3854	0.3690	0.3810	0.3624	0.3767
75.0	0.3129	0.2928	0.2818	0.3042	0.2796	0.2998	0.2709	0.2866	0.2534	0.2627
78.0	0.2582	0.2382	0.2228	0.2450	0.2163	0.2341	0.2032	0.2210	0.1901	0.2035
81.0	0.2188	0.1967	0.1704	0.1925	0.1660	0.1882	0.1616	0.1772	0.1464	0.1619
84.0	0.1859	0.1682	0.1310	0.1488	0.1266	0.1444	0.1223	0.1422	0.1136	0.1291
87.0	0.1597	0.1509	0.0918	0.1094	0.0918	0.1116	0.0896	0.1116	0.0918	0.1072
90.0	0.1509	0.1509	0.0896	0.0896	0.0875	0.0875	0.0853	0.0875	0.0875	0.0875
G/C	300.0	315.0	330.0	345.0						
0.0	4537	4537	4533	4534						
3.0	4554	4559	4563	4564						
6.0	4476	4483	4495	4498						
9.0	4295	4303	4330	4333						
12.0	4021	4028	4066	4071						
15.0	3672	3684	3730	3734						
18.0	3274	3288	3336	3340						
21.0	2835	2844	2899	2899						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-19

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	2364	2382	2436	2433
27.0	1883	1902	1952	1946
30.0	1429	1445	1496	1481
33.0	1036	1052	1089	1080
36.0	717.5	734.7	767.1	752.8
39.0	471.8	492.5	516.6	503.6
42.0	298.0	314.6	332.7	321.7
45.0	183.3	194.2	208.1	196.7
48.0	77.74	81.12	86.31	81.54
51.0	40.94	41.83	43.03	41.54
54.0	26.08	26.43	27.21	26.38
57.0	16.56	16.69	17.03	16.73
60.0	11.65	11.70	11.93	11.77
63.0	7.779	7.845	8.098	7.994
66.0	3.941	4.009	4.188	4.055
69.0	1.262	1.281	1.442	1.371
72.0	0.3623	0.3769	0.3580	0.3792
75.0	0.2425	0.2604	0.2381	0.2626
78.0	0.1791	0.1991	0.1770	0.2013
81.0	0.1355	0.1553	0.1333	0.1597
84.0	0.1070	0.1291	0.1049	0.1334
87.0	0.0853	0.1050	0.0852	0.1115
90.0	0.0853	0.0875	0.0831	0.0896

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-19

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: