

LED Tracklight FURE M-28W-940-30



Light Output Ratio:	100.0%	
Luminaire Power:	27.89 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

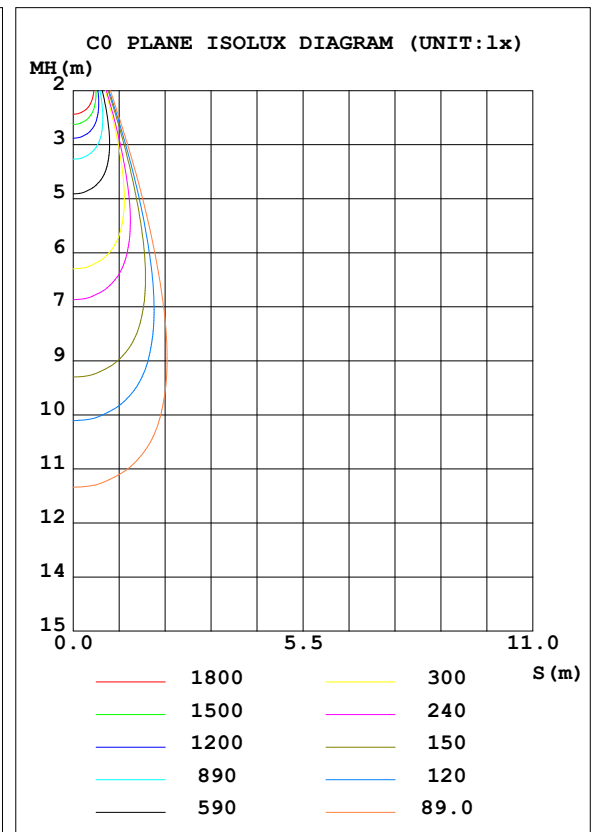
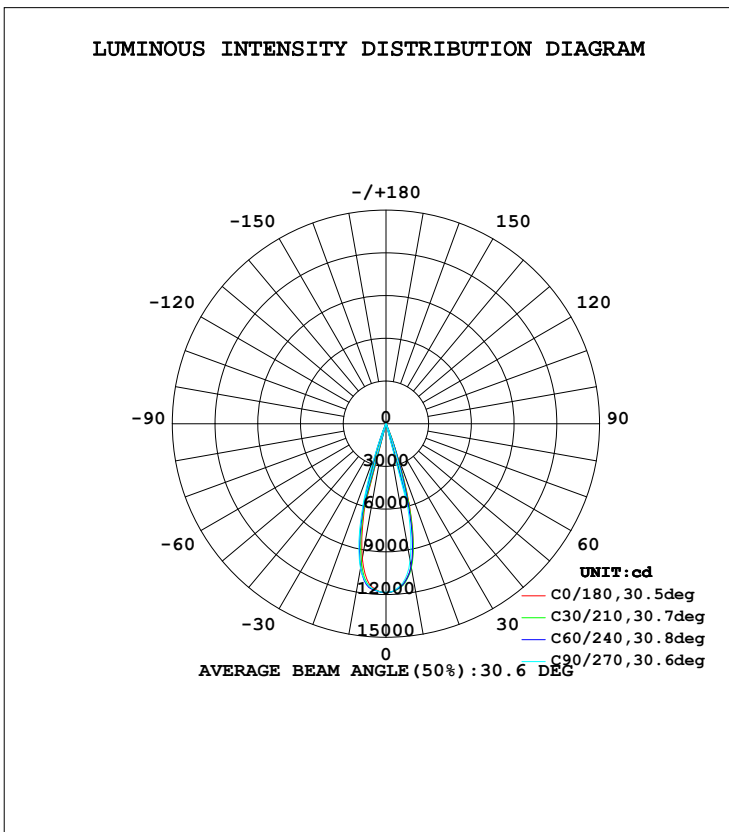
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-19

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:0.1311A P:27.89W PF:0.9639 Lamp Flux:2921.15x1 lm		
NAME: FURE M-28W-940-30	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.75 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	11854	S/MH (C0/180)	0.43
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.47
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2921.1	η UP, DN (C0-180)	0.0, 48.9
NOMINAL FLUX (lm)	2921.15	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.1
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



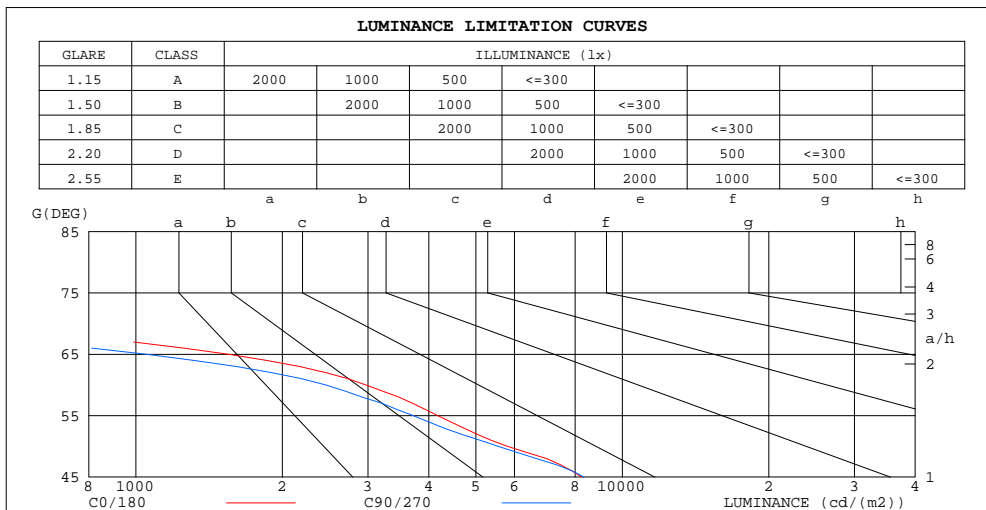
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1019	1032	976.4	936.4	960.7	1005	1033	1012	0- 10	1051	1051	36,36
20	216.5	205.6	140.9	116.7	118.7	148.2	196.9	225.0	10- 20	1571	2623	89.8,89.8
30	12.52	13.69	11.69	11.94	11.29	11.82	11.79	12.73	20- 30	199.1	2822	96.6,96.6
40	5.724	6.155	5.581	5.194	4.903	5.395	5.903	6.035	30- 40	52.95	2875	98.4,98.4
50	2.375	2.526	2.274	2.124	2.046	2.283	2.519	2.563	40- 50	29.11	2904	99.4,99.4
60	0.9437	0.8763	0.7812	0.7448	0.7588	0.8161	0.9059	0.9552	50- 60	13.15	2917	99.9,99.9
70	0.0761	0.0661	0.0437	0.0360	0.0367	0.0472	0.0621	0.0856	60- 70	3.718	2921	100,100
80	0.0164	0.0129	0.0140	0.0111	0.0125	0.0155	0.0149	0.0175	70- 80	0.2672	2921	100,100
90	0.0098	0.0096	0.0101	0.0096	0.0103	0.0098	0.0101	0.0101	80- 90	0.1227	2921	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		



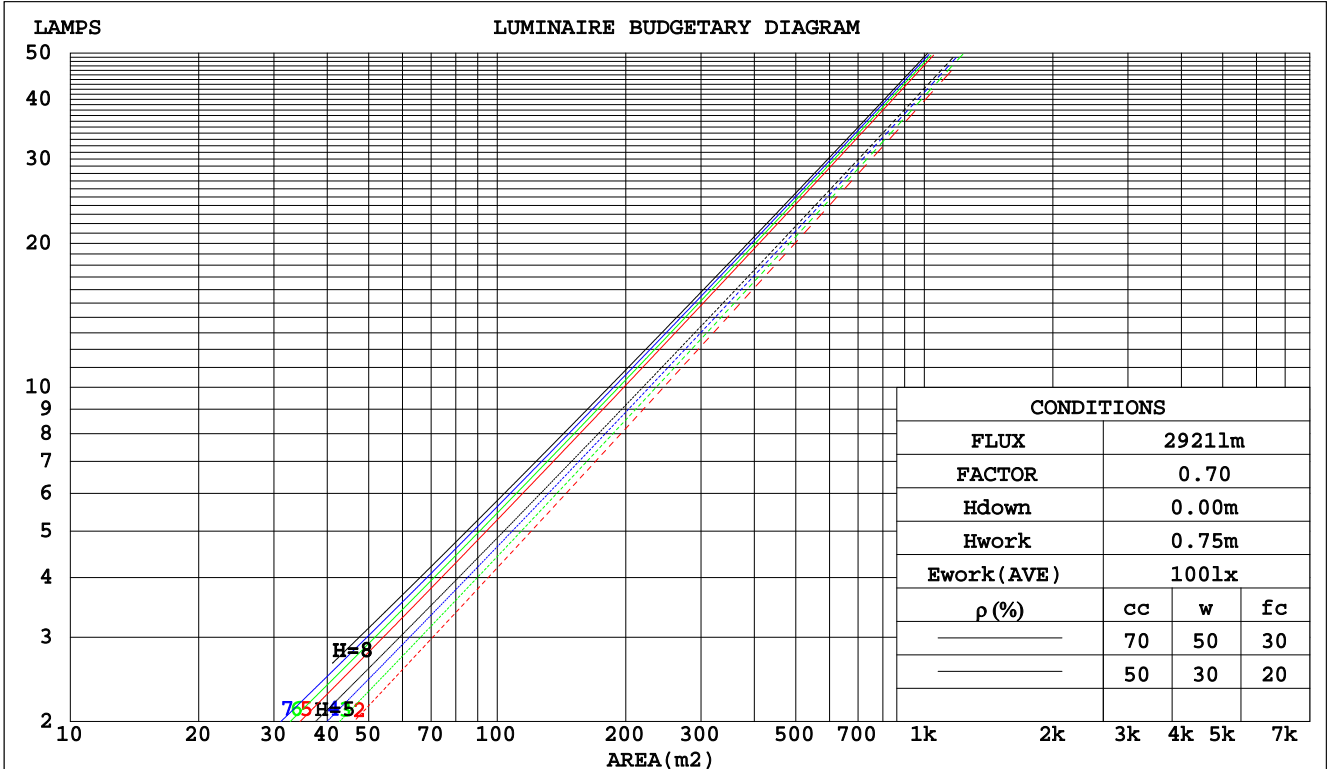
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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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	1.00
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.02	1.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.90	1.01	.99	.97	.98	.97	.95	.94
3.0	1.04	1.00	.98	1.03	.99	.97	1.00	.98	.95	.98	.96	.94	.96	.94	.93	.91
4.0	1.00	.96	.93	.99	.96	.93	.97	.94	.92	.95	.93	.91	.94	.92	.90	.89
5.0	.97	.93	.90	.96	.92	.90	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86
6.0	.94	.90	.87	.93	.89	.87	.92	.88	.86	.90	.88	.86	.89	.87	.85	.84
7.0	.91	.87	.84	.90	.87	.84	.89	.86	.84	.88	.85	.83	.87	.85	.83	.82
8.0	.88	.84	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
9.0	.86	.82	.80	.86	.82	.79	.85	.82	.79	.84	.81	.79	.83	.81	.79	.78
10.0	.84	.80	.78	.83	.80	.77	.83	.80	.77	.82	.79	.77	.82	.79	.77	.76



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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	.132	.075	.024	.126	.072	.023	.113	.065	.021	.102	.059	.019	.091	.053	.017	
2.0	.122	.067	.020	.116	.064	.020	.106	.059	.018	.097	.054	.017	.088	.050	.016	
3.0	.113	.060	.018	.109	.058	.018	.100	.054	.017	.092	.051	.016	.085	.047	.015	
4.0	.106	.055	.016	.102	.053	.016	.095	.050	.015	.088	.047	.014	.082	.045	.014	
5.0	.099	.051	.015	.096	.049	.014	.090	.047	.014	.085	.045	.013	.079	.042	.013	
6.0	.094	.047	.013	.091	.046	.013	.086	.044	.013	.081	.042	.012	.077	.040	.012	
7.0	.089	.044	.012	.087	.043	.012	.082	.042	.012	.078	.040	.012	.074	.038	.011	
8.0	.085	.041	.012	.083	.041	.012	.079	.039	.011	.075	.038	.011	.072	.037	.011	
9.0	.081	.039	.011	.079	.039	.011	.076	.037	.011	.072	.036	.010	.069	.035	.010	
10.0	.078	.037	.010	.076	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	

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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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.119	.128	.114	.103	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.096	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.069	.072	.059	.049	.041	.034	.029	.013	.011	.009	
5.0	.111	.085	.067	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.087	.060	.042	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.054	.036	.070	.047	.032	.049	.033	.022	.028	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

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 Remarks:

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	7.9	8.6	8.1	8.7	8.9	7.7	8.3	7.9	8.4	8.6
3H	7.9	8.4	8.1	8.6	8.8	7.6	8.1	7.8	8.3	8.5
4H	7.8	8.3	8.0	8.5	8.7	7.5	8.0	7.7	8.2	8.4
6H	7.7	8.2	8.0	8.4	8.7	7.4	7.9	7.7	8.2	8.4
8H	7.7	8.2	7.9	8.4	8.6	7.4	7.9	7.7	8.1	8.4
12H	7.6	8.1	7.9	8.4	8.6	7.3	7.8	7.6	8.1	8.3
4H 2H	7.9	8.4	8.1	8.6	8.8	7.6	8.2	7.9	8.4	8.6
3H	7.8	8.2	8.1	8.5	8.8	7.5	8.0	7.8	8.2	8.5
4H	7.7	8.1	8.0	8.4	8.7	7.4	7.8	7.7	8.1	8.4
6H	7.6	8.0	7.9	8.3	8.6	7.3	7.7	7.7	8.0	8.3
8H	7.5	7.9	7.9	8.2	8.6	7.2	7.6	7.6	7.9	8.3
12H	7.5	7.8	7.9	8.2	8.5	7.2	7.5	7.6	7.9	8.3
8H 4H	7.5	7.9	7.9	8.2	8.6	7.2	7.6	7.6	7.9	8.3
6H	7.4	7.7	7.8	8.1	8.5	7.1	7.4	7.5	7.8	8.2
8H	7.3	7.6	7.8	8.0	8.5	7.1	7.3	7.5	7.7	8.2
12H	7.3	7.5	7.7	8.0	8.4	7.0	7.2	7.5	7.7	8.1
12H 4H	7.5	7.8	7.9	8.2	8.5	7.2	7.5	7.6	7.9	8.3
6H	7.3	7.6	7.8	8.0	8.5	7.1	7.3	7.5	7.7	8.2
8H	7.3	7.5	7.7	7.9	8.4	7.0	7.2	7.5	7.7	8.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.7					+ 2.1 / - 4.2				
1.5H	+ 2.3 / - 2.3					+ 2.3 / - 2.6				
2.0H	+ 3.3 / - 4.6					+ 3.8 / - 5.2				

CIE Pub.117 Corrected 2921 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	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	97
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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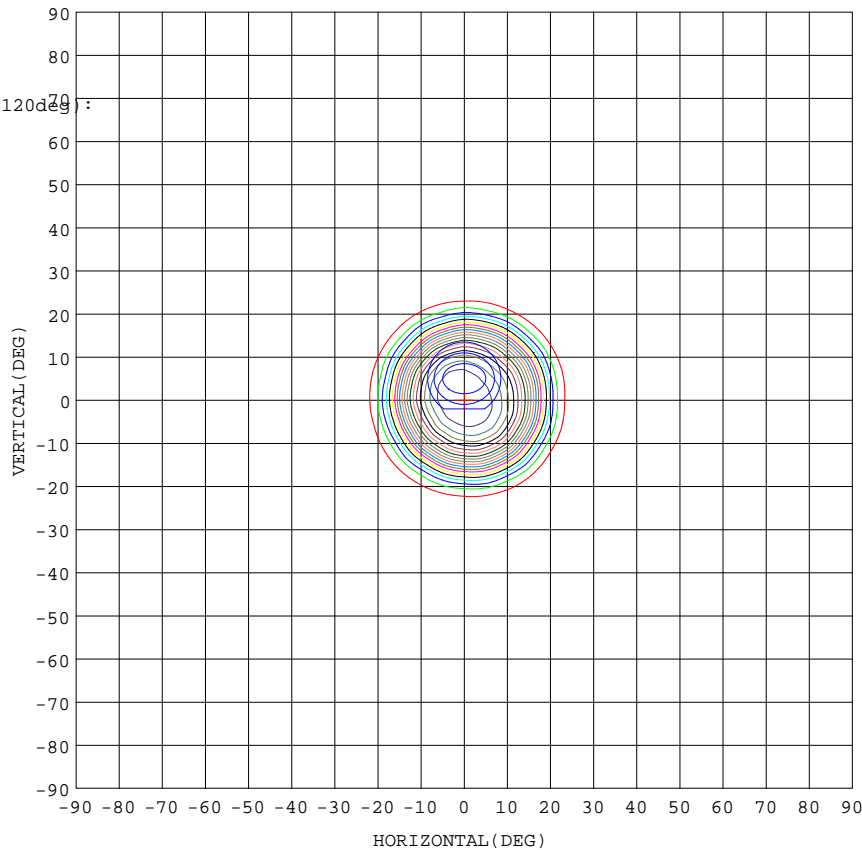
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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):
2891.6 lm
%lum = 99.0%
%lamp = 99.0%

Conical surface Flux(120deg):
2917 lm
%lum = 99.9%
%lamp = 99.9%



1. AVG=11418,MIN=10776
2. AVG=11177,MIN=9800
3. AVG=10806,MIN=8042

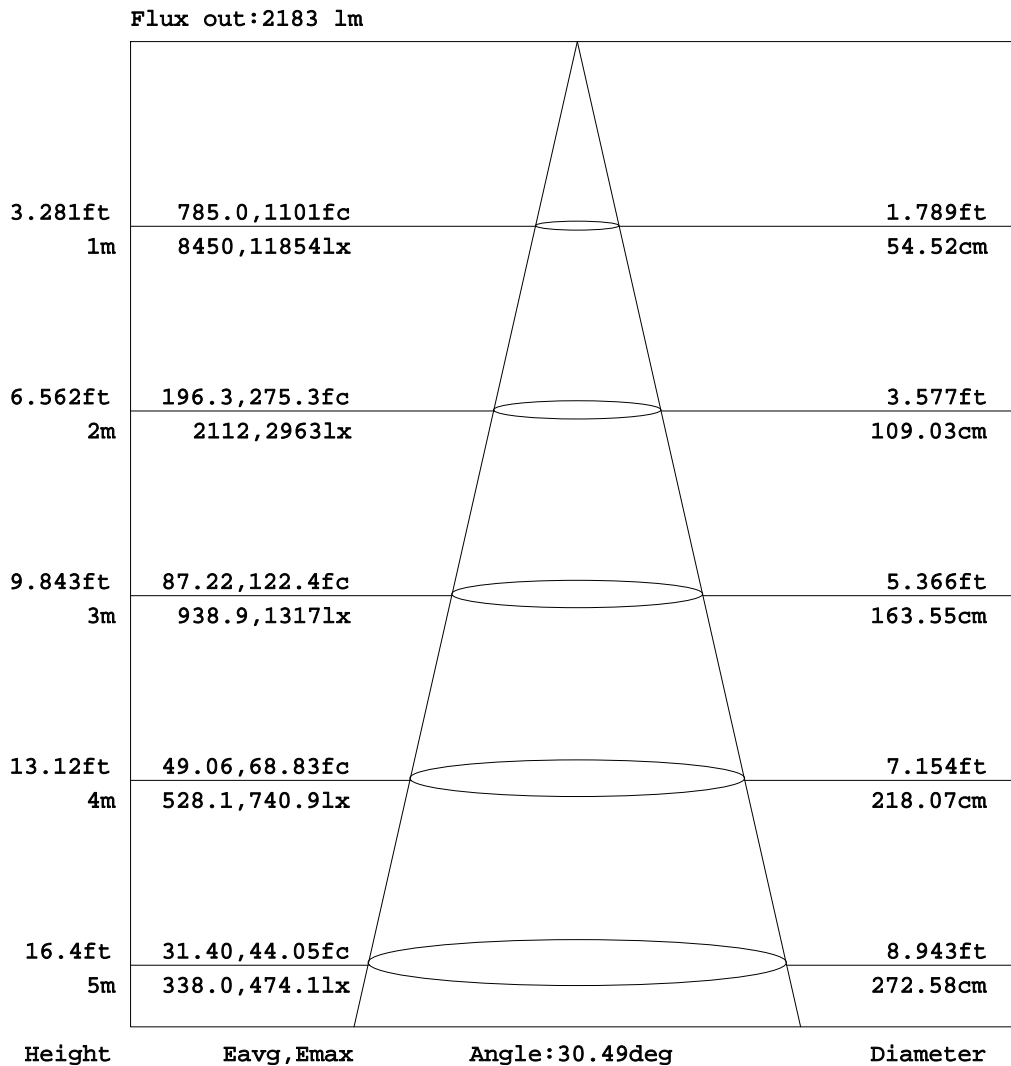
Imax:11854(H0.0,V0.0)
(At:C=0.0,Gamma=0.0)
UNIT: cd

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AAI Figure

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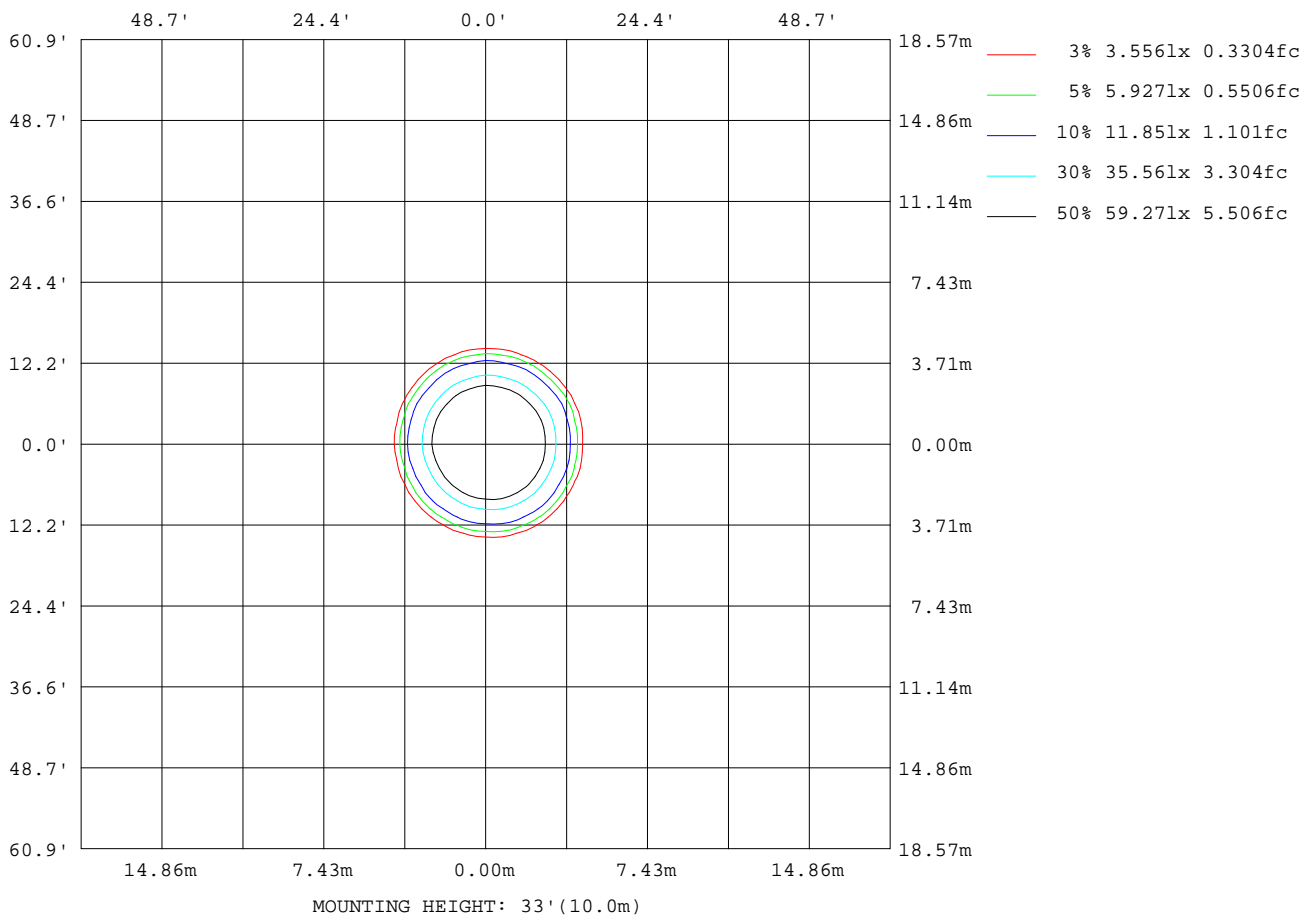
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

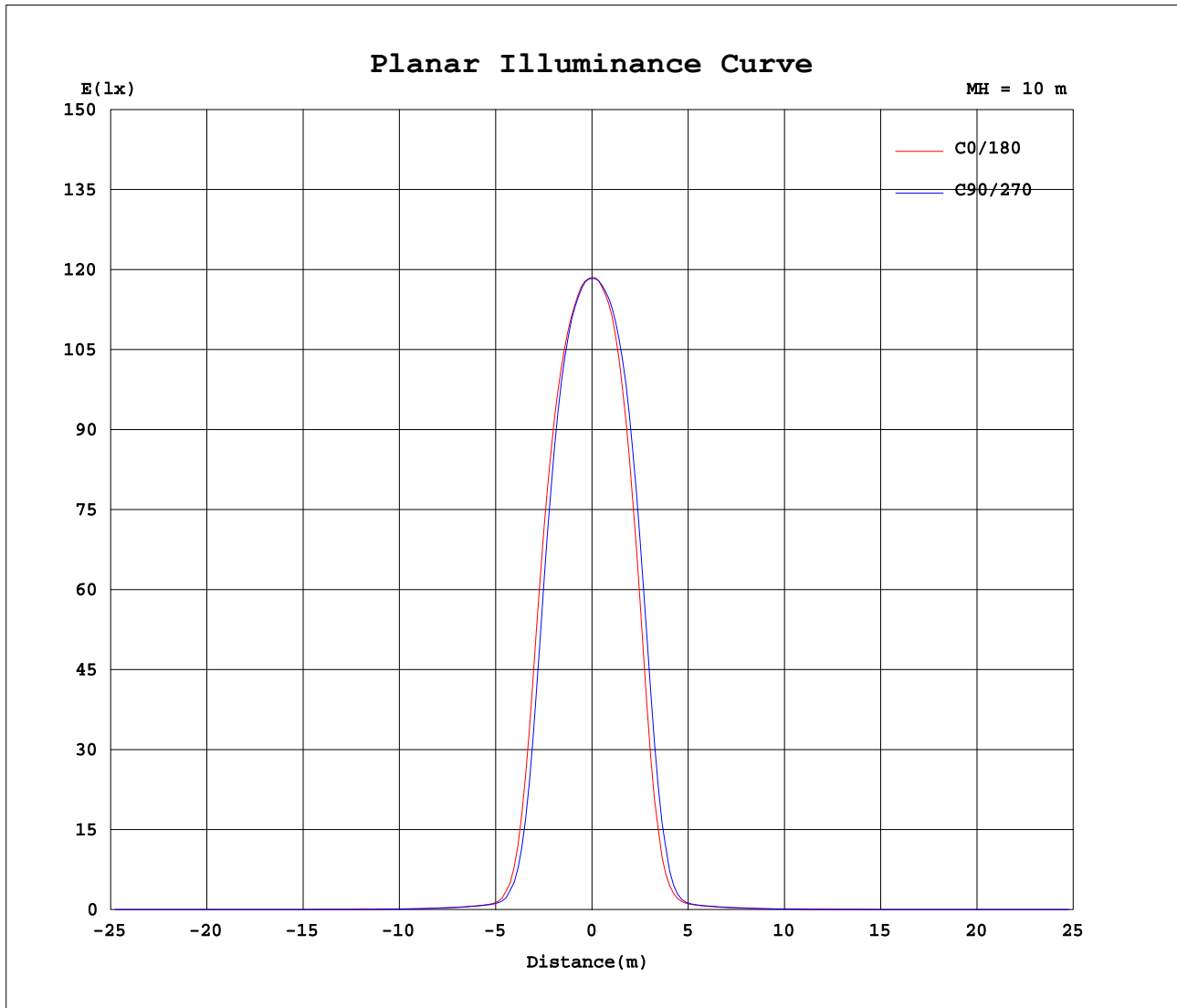
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	1185	1185	1185	1185	1184	1184	1184	1184	1183	1183	1183	1183	1185	1185	1185	1185	1184	1184	1184
5	1148	1154	1156	1156	1153	1149	1143	1141	1139	1142	1140	1141	1149	1154	1161	1165	1166	1163	1159
10	1019	1030	1028	1032	1016	1004	976	960	938	936	927	937	961	969	994	1005	1026	1025	1033
15	694	698	678	677	638	616	570	552	515	513	491	503	533	538	574	586	626	636	670
20	217	220	205	206	182	174	141	139	117	117	108	109	119	123	148	148	179	176	197
25	28.8	30.1	29.1	29.2	26.5	24.5	22.0	21.9	21.0	21.0	19.6	19.3	20.4	20.6	21.7	22.0	24.4	24.4	26.0
30	12.5	13.0	13.2	13.7	13.1	12.4	11.7	11.8	12.0	11.9	11.5	11.2	11.3	11.3	11.6	11.8	11.9	11.8	11.8
35	8.60	8.60	9.02	9.20	8.78	8.43	7.96	8.04	8.07	7.97	7.69	7.56	7.49	7.53	7.88	8.09	8.17	8.19	8.23
40	5.72	5.68	6.04	6.15	5.92	5.79	5.58	5.47	5.24	5.19	5.00	5.01	4.90	4.82	5.25	5.40	5.57	5.65	5.90
45	3.71	3.68	3.97	4.04	3.93	3.86	3.75	3.74	3.60	3.61	3.51	3.52	3.43	3.33	3.65	3.78	3.86	3.86	4.02
50	2.38	2.37	2.51	2.53	2.40	2.36	2.27	2.23	2.12	2.12	2.04	2.04	2.05	2.01	2.21	2.28	2.35	2.38	2.52
55	1.52	1.52	1.51	1.49	1.43	1.41	1.36	1.34	1.31	1.29	1.25	1.25	1.30	1.31	1.37	1.38	1.43	1.45	1.51
60	0.94	0.95	0.90	0.88	0.84	0.82	0.78	0.78	0.76	0.74	0.71	0.72	0.76	0.77	0.80	0.82	0.86	0.87	0.91
65	0.42	0.41	0.39	0.37	0.33	0.32	0.28	0.28	0.26	0.26	0.24	0.25	0.26	0.26	0.29	0.30	0.33	0.35	0.38
70	0.08	0.08	0.07	0.07	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.06
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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	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:2017-05-19

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:0.1311A P:27.89W PF:0.9639 Lamp Flux:2921.15x1 lm		
NAME: FURE M-28W-940-30	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: x10cd

C (DEG) \ γ (DEG)	285	300	315	330	345										
0	1184	1183	1183	1183	1183										
5	1151	1147	1142	1144	1144										
10	1021	1015	1012	1021	1019										
15	670	693	691	712	708										
20	200	218	225	244	234										
25	26.2	29.1	30.3	32.8	31.3										
30	11.9	12.5	12.7	13.1	12.7										
35	8.27	8.77	8.95	9.14	9.07										
40	5.87	5.99	6.03	6.11	6.07										
45	4.03	3.96	3.99	3.97	3.93										
50	2.55	2.53	2.56	2.57	2.54										
55	1.53	1.56	1.56	1.59	1.58										
60	0.92	0.95	0.96	0.97	0.97										
65	0.39	0.43	0.43	0.45	0.44										
70	0.07	0.08	0.09	0.09	0.09										
75	0.03	0.02	0.03	0.02	0.03										
80	0.02	0.02	0.02	0.02	0.02										
85	0.01	0.01	0.01	0.01	0.01										
90	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:2017-05-19

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	11854	11852	11849	11847	11844	11839	11838	11836	11833	11831
3.0	11748	11763	11747	11751	11730	11735	11704	11691	11666	11669
6.0	11327	11389	11416	11418	11367	11337	11255	11194	11148	11170
9.0	10560	10660	10664	10713	10577	10488	10272	10136	9943	9980
12.0	9185	9307	9236	9249	8984	8817	8436	8269	7968	7925
15.0	6945	6984	6784	6766	6375	6165	5701	5523	5151	5126
18.0	3935	3989	3760	3758	3393	3194	2784	2619	2340	2346
21.0	1491	1615	1426	1508	1247	1142	957.4	899.0	800.1	814.2
24.0	465.1	445.5	417.9	420.1	370.7	341.1	297.7	292.9	272.9	277.9
27.0	173.3	180.5	180.4	183.8	173.7	164.7	153.9	155.3	154.1	153.4
30.0	125.2	129.8	131.8	136.9	130.6	124.4	116.9	117.9	119.9	119.4
33.0	102.2	103.0	107.3	109.5	104.0	98.42	91.95	92.76	94.03	93.01
36.0	79.32	78.65	83.27	84.96	81.79	78.58	75.30	75.66	75.22	74.09
39.0	62.55	61.97	66.22	67.43	65.01	63.41	61.19	60.37	58.39	57.85
42.0	46.79	46.32	49.67	50.21	48.60	47.70	46.31	45.72	43.71	43.46
45.0	37.10	36.75	39.72	40.44	39.35	38.64	37.54	37.40	36.01	36.10
48.0	29.74	29.54	31.40	31.67	30.31	29.59	28.32	28.01	26.40	26.58
51.0	21.48	21.48	22.58	22.65	21.58	21.15	20.37	20.04	19.20	19.12
54.0	16.57	16.57	16.55	16.40	15.67	15.46	14.92	14.73	14.40	14.21
57.0	12.84	12.83	12.47	12.23	11.79	11.58	11.10	11.01	10.75	10.59
60.0	9.437	9.456	9.032	8.763	8.398	8.225	7.812	7.770	7.571	7.448
63.0	6.271	6.284	5.871	5.629	5.252	5.071	4.650	4.612	4.390	4.309
66.0	3.246	3.247	2.992	2.863	2.550	2.402	2.098	2.059	1.913	1.886
69.0	1.204	1.177	1.099	1.003	0.8184	0.7085	0.5940	0.5584	0.5060	0.5537
72.0	0.3955	0.3623	0.3555	0.3078	0.3112	0.2773	0.2828	0.2556	0.2695	0.2468
75.0	0.2583	0.2250	0.2386	0.2032	0.2211	0.1923	0.2080	0.1857	0.2014	0.1792
78.0	0.1948	0.1639	0.1795	0.1486	0.1663	0.1420	0.1619	0.1355	0.1532	0.1333
81.0	0.1553	0.1311	0.1444	0.1136	0.1335	0.1114	0.1334	0.1071	0.1269	0.1049
84.0	0.1269	0.1005	0.1203	0.0984	0.1138	0.0962	0.1116	0.0962	0.1094	0.0962
87.0	0.1093	0.0940	0.1050	0.0962	0.1028	0.0940	0.1028	0.0962	0.1006	0.0962
90.0	0.0984	0.0940	0.0962	0.0962	0.0962	0.0940	0.1006	0.1006	0.0962	0.0962
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	11831	11827	11854	11852	11849	11847	11844	11839	11838	11836
3.0	11652	11668	11722	11730	11754	11761	11774	11761	11753	11733
6.0	11135	11179	11301	11368	11463	11509	11562	11522	11462	11358
9.0	9869	9964	10156	10277	10483	10567	10726	10721	10717	10593
12.0	7786	7914	8184	8251	8547	8688	8976	9020	9187	9102
15.0	4908	5031	5330	5376	5740	5861	6263	6357	6702	6700
18.0	2178	2235	2419	2460	2751	2881	3228	3311	3657	3699
21.0	751.3	758.8	821.5	844.0	954.8	1009	1174	1199	1433	1370
24.0	257.0	256.3	274.1	277.7	300.4	307.8	349.9	348.8	382.7	386.6
27.0	144.0	140.8	144.7	144.3	146.5	148.7	156.8	156.2	160.4	162.4
30.0	114.7	111.7	113.4	113.4	115.9	118.2	118.9	117.9	117.9	119.2
33.0	89.52	87.17	87.47	88.29	91.89	94.36	95.28	95.05	96.08	96.93
36.0	71.71	70.86	69.97	69.89	73.62	75.34	76.22	76.30	76.76	76.85
39.0	55.83	55.82	54.79	54.32	58.26	59.90	61.40	62.00	63.86	63.36
42.0	42.02	41.91	40.82	39.87	43.69	45.13	46.24	46.75	49.22	48.82
45.0	35.06	35.18	34.28	33.25	36.53	37.84	38.56	38.56	40.17	40.26
48.0	25.68	25.69	25.31	24.55	27.22	28.44	29.52	29.71	31.58	31.95
51.0	18.40	18.36	18.53	18.43	19.95	20.42	21.10	21.42	22.69	22.94
54.0	13.77	13.77	14.12	14.25	14.92	15.13	15.60	15.84	16.55	16.85
57.0	10.21	10.25	10.71	10.89	11.30	11.43	11.85	11.98	12.41	12.66
60.0	7.145	7.208	7.588	7.699	8.003	8.161	8.561	8.668	9.059	9.222
63.0	4.059	4.117	4.413	4.459	4.756	4.938	5.304	5.467	5.864	6.040
66.0	1.737	1.782	1.898	1.919	2.173	2.293	2.560	2.642	2.929	3.058
69.0	0.5140	0.4756	0.5100	0.5269	0.6036	0.6829	0.7974	0.8413	0.9690	1.047
72.0	0.2694	0.2512	0.2533	0.2825	0.2729	0.3045	0.3077	0.3441	0.3577	0.3793
75.0	0.2014	0.1857	0.1857	0.2188	0.2010	0.2298	0.2163	0.2473	0.2316	0.2604
78.0	0.1598	0.1377	0.1442	0.1707	0.1529	0.1816	0.1660	0.1926	0.1748	0.1991
81.0	0.1269	0.1114	0.1136	0.1400	0.1202	0.1487	0.1332	0.1575	0.1377	0.1597
84.0	0.1116	0.0984	0.1082	0.1203	0.0984	0.1225	0.1006	0.1312	0.1114	0.1356
87.0	0.1006	0.0962	0.1028	0.1072	0.0984	0.1050	0.0984	0.1137	0.1006	0.1138
90.0	0.0984	0.1006	0.1028	0.1028	0.0984	0.0984	0.0984	0.1006	0.1006	0.1006
G/C	300.0	315.0	330.0	345.0						
0.0	11833	11831	11831	11827						
3.0	11727	11691	11683	11690						
6.0	11320	11251	11288	11281						
9.0	10523	10487	10540	10553						
12.0	9151	9129	9275	9240						
15.0	6925	6906	7116	7077						
18.0	3959	4009	4263	4151						
21.0	1597	1565	1801	1627						

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	427.4	493.6	492.8	513.3
27.0	173.8	177.5	182.9	179.0
30.0	125.0	127.3	130.9	126.9
33.0	102.8	104.9	106.7	106.5
36.0	81.19	82.33	84.16	83.42
39.0	64.95	65.59	66.40	66.22
42.0	49.31	49.77	50.37	50.01
45.0	39.57	39.92	39.66	39.34
48.0	31.69	32.01	32.02	31.71
51.0	22.80	23.15	23.16	22.89
54.0	17.15	17.24	17.48	17.36
57.0	12.97	13.01	13.25	13.19
60.0	9.532	9.552	9.735	9.657
63.0	6.384	6.412	6.598	6.530
66.0	3.372	3.410	3.562	3.471
69.0	1.282	1.341	1.433	1.387
72.0	0.3926	0.4173	0.4165	0.4037
75.0	0.2403	0.2626	0.2403	0.2626
78.0	0.1813	0.2057	0.1813	0.2013
81.0	0.1398	0.1641	0.1399	0.1641
84.0	0.1114	0.1356	0.1136	0.1335
87.0	0.0984	0.1138	0.0984	0.1160
90.0	0.0962	0.1006	0.0984	0.1006

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: