

LED Tracklight FOCUS S-28W-940-40D



Light Output Ratio:	100.0%	
Luminaire Power:	27.31 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.70	fine grid method.

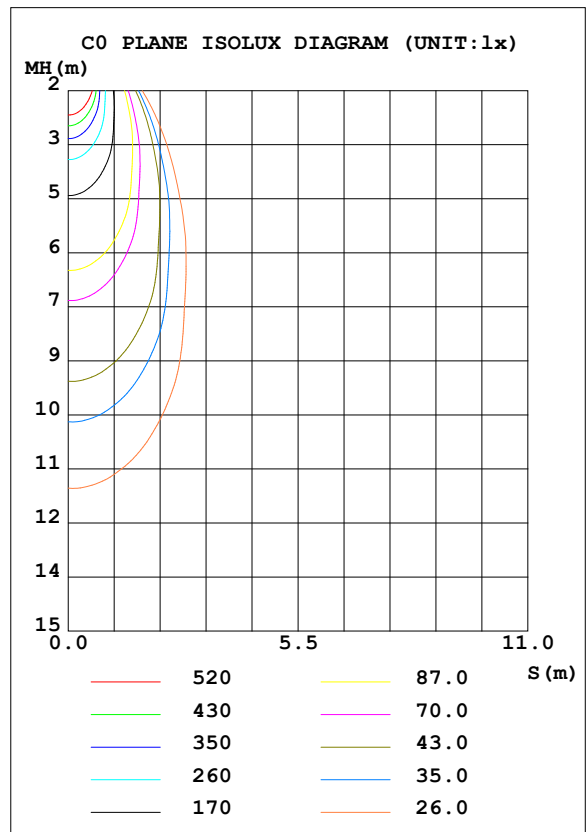
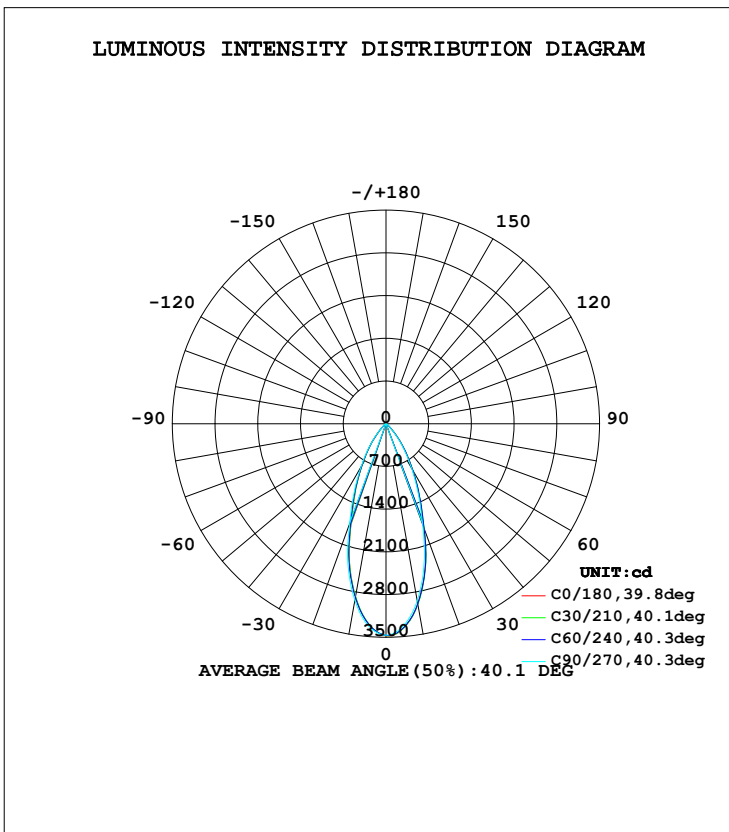
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-07-26

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:0.1315A P:27.31W PF:0.9412 Lamp Flux:2006.94x1 lm		
NAME: FOCUS S-28W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.50 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	3478	S/MH (C0/180)	0.63
NOMINAL POWER (W)	28.0	LOR (%)	100.0	S/MH (C90/270)	0.65
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2006.9	η UP, DN (C0-180)	0.0, 49.7
NOMINAL FLUX (lm)	2006.94	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.70



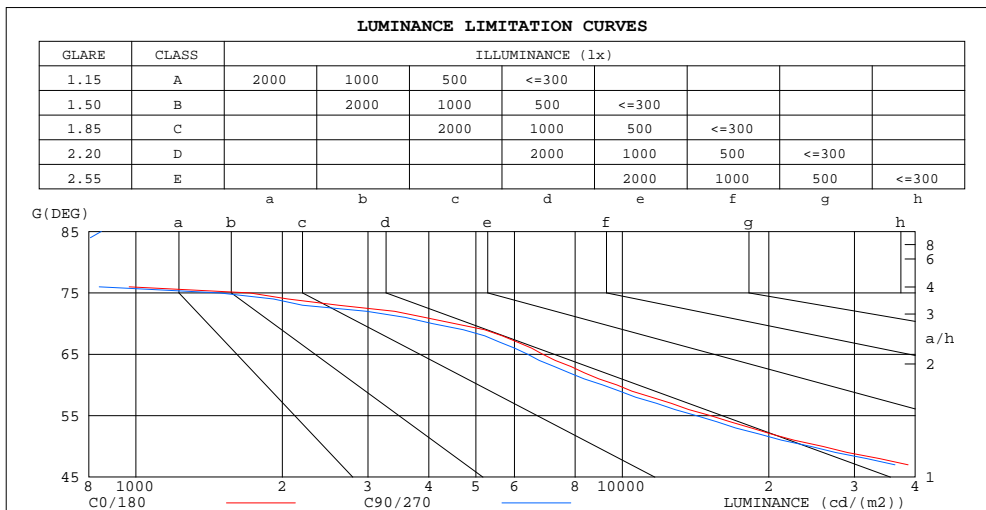
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 Remarks:

**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	2998	3018	2949	2842	2884	2866	2942	3022	0- 10	304.4	304.4	15.2,15.2
20	1807	1854	1756	1604	1648	1650	1746	1843	10- 20	654.5	958.9	47.8,47.8
30	866.5	897.8	839.7	759.2	781.6	771.7	820.1	882.3	20- 30	564.6	1524	75.9,75.9
40	316.7	325.8	293.4	252.7	267.9	256.9	282.8	326.4	30- 40	330.1	1854	92.4,92.4
50	63.85	66.30	60.32	51.40	54.30	52.36	57.57	66.03	40- 50	110.0	1964	97.8,97.8
60	18.74	19.00	17.52	16.13	17.28	16.85	17.89	19.41	50- 60	29.94	1994	99.3,99.3
70	5.956	6.216	5.360	4.909	5.499	5.198	5.609	6.343	60- 70	11.00	2005	99.9,99.9
80	0.4706	0.5199	0.5210	0.4150	0.3668	0.3546	0.3690	0.4486	70- 80	2.087	2007	100,100
90	0.1159	0.1159	0.1246	0.1137	0.0656	0.0678	0.0656	0.0831	80- 90	0.2546	2007	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		



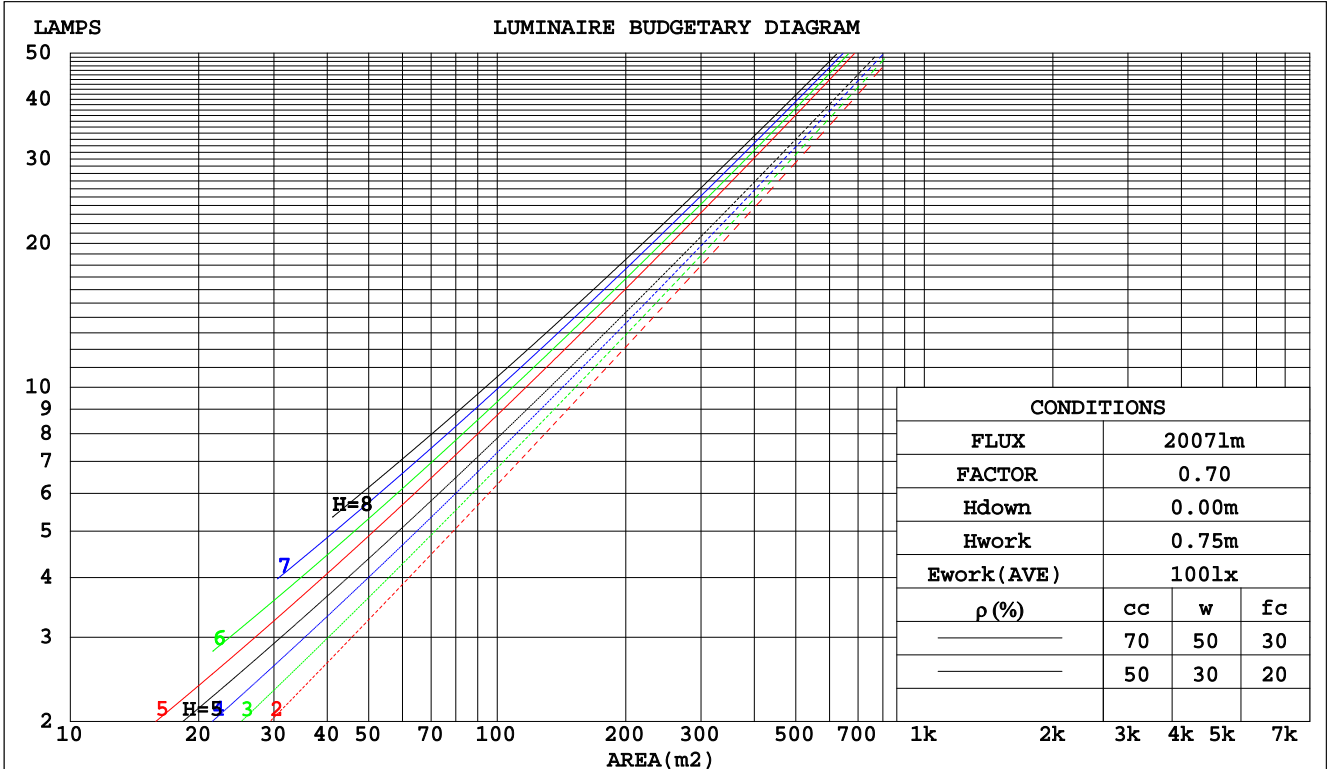
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: FOCUS S-28W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.65
8.0	.73	.67	.64	.72	.67	.63	.71	.67	.63	.70	.66	.63	.69	.66	.63	.61
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55



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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	.171	.097	.031	.164	.094	.030	.151	.087	.028	.140	.081	.026	.129	.075	.024	
2.0	.163	.089	.027	.157	.087	.027	.147	.082	.025	.137	.077	.024	.128	.073	.023	
3.0	.155	.082	.025	.150	.080	.024	.141	.077	.023	.133	.073	.022	.125	.069	.021	
4.0	.147	.077	.023	.143	.075	.022	.136	.072	.021	.128	.069	.021	.122	.066	.020	
5.0	.140	.071	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019	
6.0	.134	.067	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.128	.063	.018	.125	.062	.018	.120	.060	.017	.115	.059	.017	.110	.057	.017	
8.0	.122	.060	.017	.120	.059	.017	.115	.057	.016	.111	.056	.016	.107	.055	.016	
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.015	.107	.053	.015	.103	.052	.015	
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.015	.100	.050	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.068	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.109	.070	.043	.093	.061	.037	.064	.043	.027	.037	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.088	.055	.032	.061	.039	.023	.036	.023	.014	.012	.007	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.019	.010	.011	.006	.003	

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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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MFR.: NEKO LIGHTING AG		

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	21.6	22.5	21.8	22.7	22.8	21.4	22.3	21.7	22.5	22.7
3H	21.5	22.3	21.7	22.5	22.7	21.3	22.1	21.6	22.3	22.5
4H	21.4	22.2	21.7	22.4	22.6	21.2	22.0	21.5	22.2	22.4
6H	21.3	22.0	21.6	22.3	22.5	21.1	21.9	21.4	22.1	22.4
8H	21.3	22.0	21.6	22.2	22.5	21.1	21.8	21.4	22.1	22.3
12H	21.2	21.9	21.5	22.2	22.4	21.0	21.7	21.4	22.0	22.3
4H 2H	21.4	22.2	21.7	22.4	22.6	21.2	22.0	21.5	22.2	22.4
3H	21.3	21.9	21.6	22.2	22.5	21.1	21.8	21.4	22.0	22.3
4H	21.2	21.8	21.5	22.1	22.4	21.0	21.6	21.4	21.9	22.2
6H	21.1	21.6	21.5	22.0	22.3	20.9	21.5	21.3	21.8	22.1
8H	21.0	21.5	21.4	21.9	22.3	20.9	21.4	21.3	21.7	22.1
12H	21.0	21.4	21.4	21.8	22.2	20.8	21.3	21.2	21.6	22.0
8H 4H	21.0	21.5	21.4	21.9	22.3	20.9	21.4	21.3	21.7	22.1
6H	20.9	21.3	21.4	21.7	22.2	20.8	21.2	21.2	21.6	22.0
8H	20.9	21.2	21.3	21.7	22.1	20.7	21.1	21.2	21.5	21.9
12H	20.8	21.1	21.3	21.6	22.0	20.7	21.0	21.1	21.4	21.9
12H 4H	21.0	21.4	21.4	21.8	22.2	20.8	21.3	21.2	21.6	22.0
6H	20.9	21.2	21.3	21.7	22.1	20.7	21.1	21.2	21.5	21.9
8H	20.8	21.1	21.3	21.6	22.0	20.7	21.0	21.1	21.4	21.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.8 / - 8.4					+ 2.7 / - 8.5				
1.5H	+ 4.8 / - 6.7					+ 4.6 / - 6.7				
2.0H	+ 5.4 / - 5.3					+ 5.3 / - 5.3				

CIE Pub.117 Corrected 2007 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

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UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.1315A P:27.31W PF:0.9412 Lamp Flux:2006.94x1 lm		
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MFR.: NEKO LIGHTING AG		

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	80	76	86	80	76	85	80	76	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

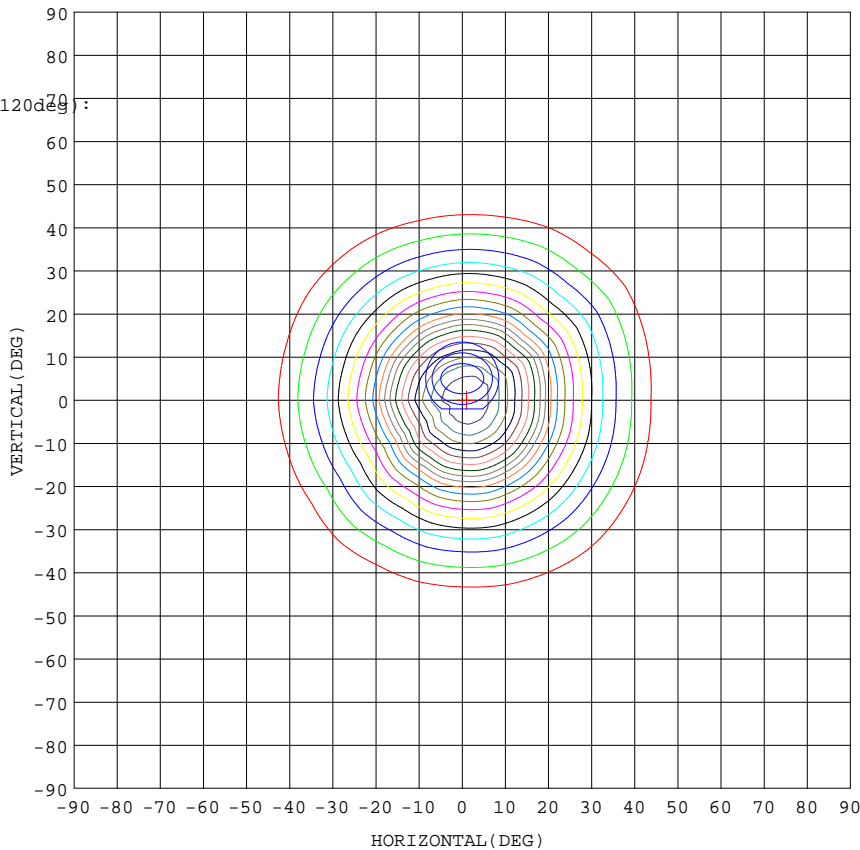
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Conical surface Flux(90deg):

1927.6 lm
%lum = 96.0%
%lamp = 96.0%

Conical surface Flux(120deg):

1993.6 lm
%lum = 99.3%
%lamp = 99.3%



1. AVG=3277, MIN=3046
2. AVG=3219, MIN=2822
3. AVG=3139, MIN=2570

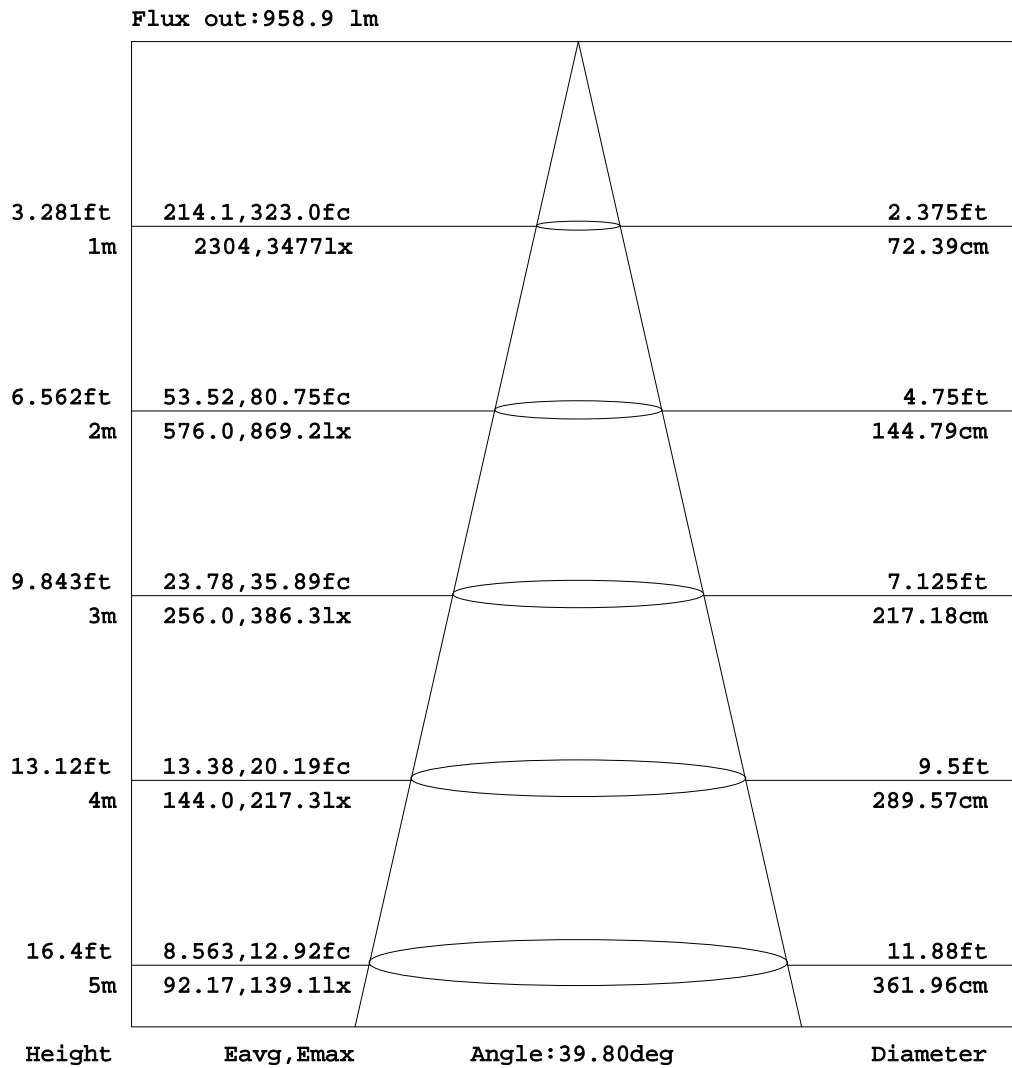
Imax:3478(H1.0,V0.0)
(At:C=0.0,Gamma=1.0)
UNIT: cd

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AAI Figure

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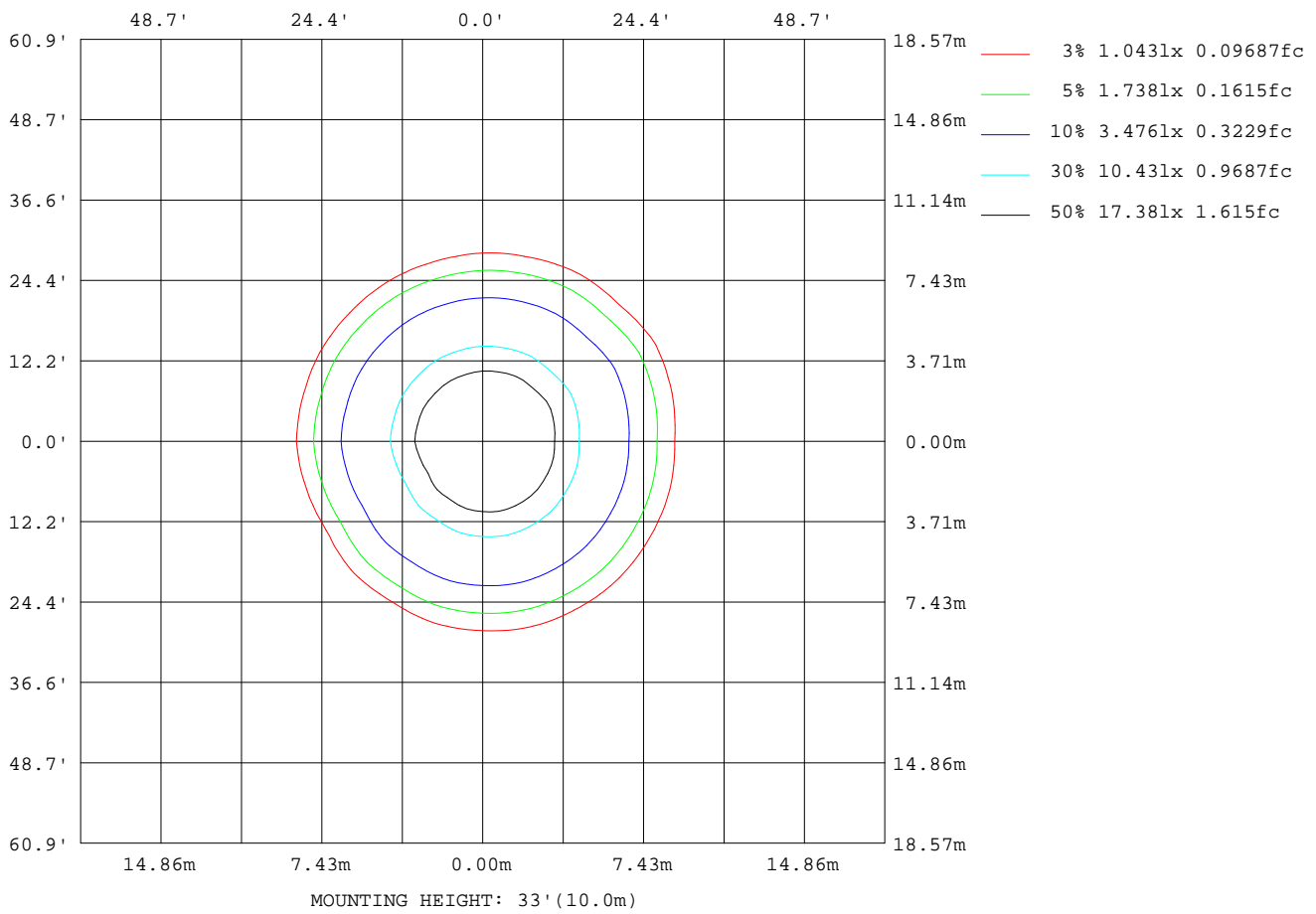
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

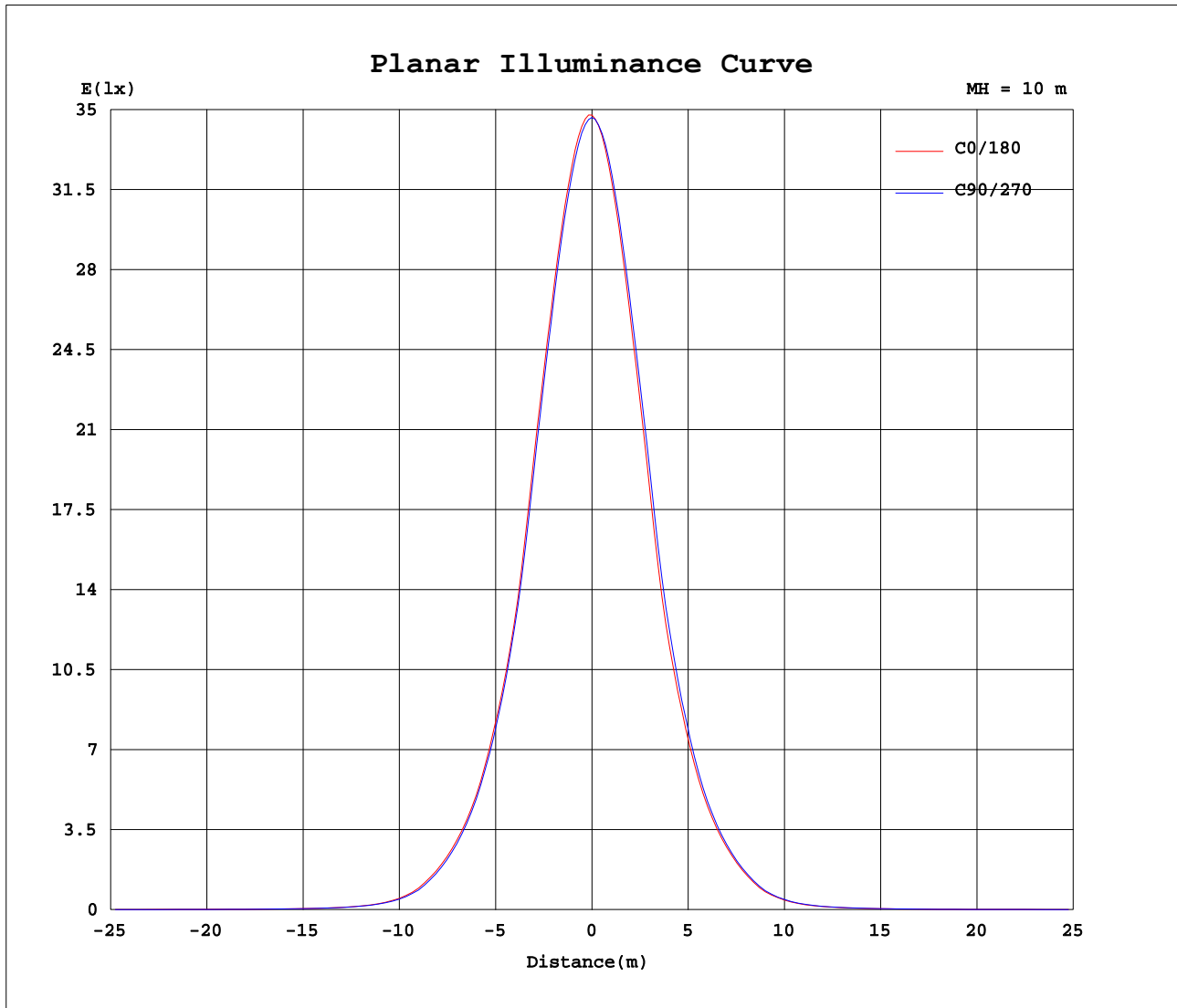
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.1315A P:27.31W PF:0.9412 Lamp Flux:2006.94x1 lm		
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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	3476	3472	3472	3468	3468	3466	3465	3465	3461	3460	3432	3434	3476	3472	3472	3468	3468	3466	3465
5	3361	3367	3360	3364	3351	3346	3320	3299	3259	3257	3188	3217	3293	3281	3287	3282	3292	3299	3322
10	2998	3015	3007	3018	2999	2992	2949	2915	2842	2842	2733	2781	2884	2860	2873	2866	2890	2898	2942
15	2470	2495	2487	2504	2478	2468	2409	2375	2275	2274	2141	2210	2323	2300	2322	2315	2345	2355	2406
20	1807	1838	1834	1854	1831	1816	1756	1714	1613	1604	1499	1549	1648	1632	1655	1650	1684	1694	1746
25	1278	1305	1294	1317	1297	1286	1242	1210	1143	1142	1061	1102	1174	1159	1167	1167	1193	1203	1231
30	867	885	883	898	885	876	840	816	758	759	700	734	782	766	774	772	789	791	820
35	556	564	564	571	563	555	529	515	474	478	434	461	496	484	488	485	495	498	518
40	317	325	323	326	317	312	293	282	251	253	215	236	268	258	261	257	264	266	283
45	141	146	144	148	143	145	131	127	111	112	96.7	104	118	114	116	114	118	119	127
50	63.8	65.2	64.8	66.3	64.8	64.0	60.3	57.5	51.2	51.4	46.4	49.2	54.3	52.3	53.0	52.4	54.1	54.4	57.6
55	33.5	34.3	33.9	34.3	33.3	33.1	31.3	30.2	27.7	28.0	25.8	27.5	29.8	28.9	29.4	29.0	29.7	29.8	31.4
60	18.7	19.1	18.9	19.0	18.6	18.3	17.5	17.1	15.8	16.1	15.0	15.9	17.3	16.9	17.1	16.9	17.2	17.2	17.9
65	11.1	11.4	11.2	11.3	11.0	10.8	10.4	10.3	9.66	9.96	9.28	9.95	10.8	10.6	10.7	10.5	10.6	10.6	10.9
70	5.96	6.25	6.15	6.22	5.99	5.84	5.36	5.17	4.68	4.91	4.16	4.84	5.50	5.37	5.40	5.20	5.32	5.38	5.61
75	1.71	1.86	1.85	1.93	1.83	1.78	1.48	1.28	0.75	0.76	0.68	0.81	1.02	0.71	0.71	0.67	0.73	0.77	1.11
80	0.47	0.48	0.50	0.52	0.53	0.53	0.52	0.49	0.44	0.42	0.37	0.36	0.37	0.36	0.35	0.35	0.36	0.36	0.37
85	0.26	0.25	0.27	0.27	0.28	0.27	0.28	0.25	0.23	0.21	0.19	0.18	0.17	0.18	0.16	0.18	0.16	0.18	0.17
90	0.12	0.11	0.12	0.12	0.13	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.07	0.07	0.06	0.07	0.06	0.07	0.07

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-07-26

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:0.1315A P:27.31W PF:0.9412 Lamp Flux:2006.94x1 lm		
NAME: FOCUS S-28W-940-40D	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	285	300	315	330	345													
0	3465	3461	3460	3432	3434													
5	3341	3372	3369	3392	3361													
10	2976	3031	3022	3091	3032													
15	2444	2514	2504	2593	2523													
20	1784	1855	1843	1963	1880													
25	1258	1313	1298	1383	1328													
30	844	886	882	954	911													
35	539	569	568	620	585													
40	300	327	326	366	344													
45	134	147	146	172	158													
50	61.0	65.7	66.0	75.1	69.7													
55	32.8	34.9	34.8	38.3	36.1													
60	18.6	19.6	19.4	21.2	20.0													
65	11.1	11.6	11.5	12.5	11.8													
70	5.92	6.44	6.34	7.41	6.77													
75	1.49	1.85	1.83	2.21	2.00													
80	0.41	0.43	0.45	0.49	0.48													
85	0.21	0.21	0.24	0.25	0.26													
90	0.07	0.07	0.08	0.08	0.09													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-07-26

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	3476	3472	3472	3468	3468	3466	3465	3465	3461	3460
3.0	3440	3447	3442	3442	3433	3427	3412	3398	3371	3371
6.0	3302	3314	3307	3312	3297	3290	3261	3237	3191	3191
9.0	3086	3105	3096	3107	3088	3082	3042	3011	2944	2947
12.0	2797	2823	2815	2824	2801	2793	2743	2709	2630	2622
15.0	2470	2495	2487	2504	2478	2468	2409	2375	2275	2274
18.0	2086	2121	2111	2133	2105	2091	2023	1977	1863	1861
21.0	1677	1711	1710	1728	1704	1693	1638	1599	1505	1496
24.0	1369	1394	1390	1410	1394	1384	1335	1296	1222	1220
27.0	1113	1135	1131	1142	1123	1114	1069	1044	977.3	977.7
30.0	866.5	885.1	883.2	897.8	885.1	876.5	839.7	815.7	757.7	759.2
33.0	668.3	679.5	677.5	686.8	677.3	669.7	642.2	624.2	580.4	580.6
36.0	502.7	510.9	509.0	516.4	507.6	501.4	477.2	464.1	425.1	429.0
39.0	359.1	368.0	364.8	370.1	360.8	356.2	336.1	324.7	293.3	296.2
42.0	229.6	238.9	235.2	240.0	231.3	228.3	210.2	202.0	182.4	183.4
45.0	140.9	146.4	144.4	147.5	143.3	145.4	131.1	127.2	111.1	112.1
48.0	86.90	89.85	89.42	91.01	88.87	87.47	81.79	77.62	69.00	69.06
51.0	54.54	56.11	55.78	56.73	55.24	54.50	51.41	49.58	45.29	45.99
54.0	37.64	38.20	38.14	38.22	37.45	37.00	35.35	34.41	31.36	31.95
57.0	26.41	26.81	26.57	26.68	26.16	25.82	24.64	24.08	21.87	22.17
60.0	18.74	19.11	18.91	19.00	18.57	18.34	17.52	17.13	15.76	16.13
63.0	13.70	13.96	13.80	13.88	13.50	13.35	12.66	12.47	11.68	12.04
66.0	10.18	10.41	10.27	10.35	10.02	9.892	9.398	9.296	8.665	8.944
69.0	7.182	7.430	7.326	7.372	7.166	7.000	6.491	6.335	5.590	5.813
72.0	4.047	4.260	4.218	4.341	4.113	4.058	3.547	3.284	2.585	2.816
75.0	1.707	1.860	1.851	1.932	1.833	1.777	1.478	1.284	0.7473	0.7579
78.0	0.5757	0.6030	0.6195	0.6401	0.6457	0.6489	0.6304	0.6052	0.5494	0.5221
81.0	0.4203	0.4303	0.4488	0.4630	0.4728	0.4696	0.4641	0.4390	0.3962	0.3669
84.0	0.2935	0.2904	0.3088	0.3079	0.3220	0.3101	0.3241	0.2926	0.2672	0.2402
87.0	0.1993	0.1856	0.2059	0.1900	0.2124	0.1878	0.2125	0.1790	0.1688	0.1441
90.0	0.1159	0.1137	0.1203	0.1159	0.1290	0.1159	0.1246	0.1115	0.1137	0.1137
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	3432	3434	3472	3472	3472	3468	3468	3466	3465	3465
3.0	3313	3333	3400	3389	3393	3386	3393	3395	3410	3424
6.0	3115	3148	3227	3213	3221	3216	3231	3237	3262	3288
9.0	2839	2888	2979	2957	2970	2963	2986	2993	3031	3063
12.0	2513	2567	2670	2649	2666	2658	2684	2694	2739	2778
15.0	2141	2210	2323	2300	2322	2315	2345	2355	2406	2444
18.0	1731	1797	1913	1888	1912	1903	1943	1955	2014	2060
21.0	1400	1450	1537	1521	1545	1543	1574	1583	1627	1663
24.0	1148	1186	1255	1238	1249	1249	1279	1285	1328	1353
27.0	908.0	944.4	1005	989.6	999.9	996.9	1017	1026	1059	1087
30.0	700.5	733.6	781.6	766.0	774.3	771.7	789.1	791.3	820.1	844.1
33.0	532.4	560.8	599.8	586.4	593.8	592.1	603.3	607.9	628.3	649.0
36.0	386.8	412.6	447.2	435.9	440.1	435.3	444.7	446.5	466.8	484.7
39.0	257.7	281.3	311.4	302.7	305.8	300.9	307.6	310.0	327.8	343.8
42.0	158.8	172.0	191.5	184.9	187.4	183.6	189.1	190.1	202.1	215.1
45.0	96.72	104.2	118.3	114.0	115.8	113.7	117.7	119.3	126.6	133.8
48.0	61.26	65.37	72.22	70.14	70.56	69.61	71.82	72.69	77.45	82.95
51.0	40.98	44.01	47.84	46.59	46.95	46.66	47.72	48.07	49.98	52.25
54.0	28.77	30.75	33.83	32.97	33.31	33.14	33.76	34.13	35.33	36.53
57.0	20.51	21.72	23.94	23.08	23.56	23.18	23.89	23.94	24.85	25.80
60.0	15.01	15.95	17.28	16.87	17.07	16.85	17.17	17.17	17.89	18.59
63.0	11.28	11.99	12.91	12.72	12.76	12.66	12.75	12.77	13.19	13.66
66.0	8.339	8.987	9.826	9.616	9.656	9.479	9.617	9.588	9.855	10.13
69.0	5.140	5.747	6.589	6.416	6.445	6.143	6.381	6.398	6.743	7.110
72.0	2.482	2.830	3.417	3.186	3.087	2.968	3.166	3.224	3.641	3.937
75.0	0.6764	0.8141	1.024	0.7082	0.7114	0.6701	0.7330	0.7721	1.114	1.491
78.0	0.4575	0.4566	0.4695	0.4596	0.4499	0.4487	0.4499	0.4574	0.4717	0.5078
81.0	0.3262	0.3211	0.3210	0.3217	0.3057	0.3152	0.3078	0.3196	0.3209	0.3611
84.0	0.2234	0.2140	0.2051	0.2124	0.1942	0.2102	0.1942	0.2124	0.2073	0.2452
87.0	0.1337	0.1115	0.1025	0.1053	0.0981	0.1205	0.1024	0.1227	0.1156	0.1490
90.0	0.1093	0.1093	0.0656	0.0656	0.0634	0.0678	0.0634	0.0678	0.0656	0.0700
G/C	300.0	315.0	330.0	345.0						
0.0	3461	3460	3432	3434						
3.0	3442	3437	3446	3427						
6.0	3324	3318	3350	3312						
9.0	3116	3108	3167	3115						
12.0	2840	2830	2907	2842						
15.0	2514	2504	2593	2523						
18.0	2142	2130	2242	2161						
21.0	1729	1716	1824	1745						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-07-26

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	1405	1392	1477	1420
27.0	1142	1135	1203	1158
30.0	885.9	882.3	953.7	911.1
33.0	681.8	679.6	737.7	703.3
36.0	514.0	512.8	562.8	533.8
39.0	369.8	369.5	411.6	387.9
42.0	240.1	238.9	279.2	256.0
45.0	146.9	145.8	172.1	157.8
48.0	89.84	90.83	103.9	96.36
51.0	57.21	57.62	64.66	60.68
54.0	38.90	38.68	43.53	40.49
57.0	27.53	27.32	30.27	28.42
60.0	19.59	19.41	21.18	19.98
63.0	14.31	14.17	15.35	14.58
66.0	10.58	10.48	11.34	10.78
69.0	7.620	7.509	8.361	7.833
72.0	4.413	4.371	5.103	4.658
75.0	1.853	1.826	2.208	2.001
78.0	0.5438	0.5537	0.6137	0.5933
81.0	0.3821	0.4005	0.4367	0.4289
84.0	0.2488	0.2715	0.2947	0.2956
87.0	0.1462	0.1708	0.1767	0.1840
90.0	0.0700	0.0831	0.0787	0.0853

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-07-26

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: