

LED Tracklight FOCUS M-42W-930-25D



Light Output Ratio:	100.0%	
Luminaire Power:	41.18 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

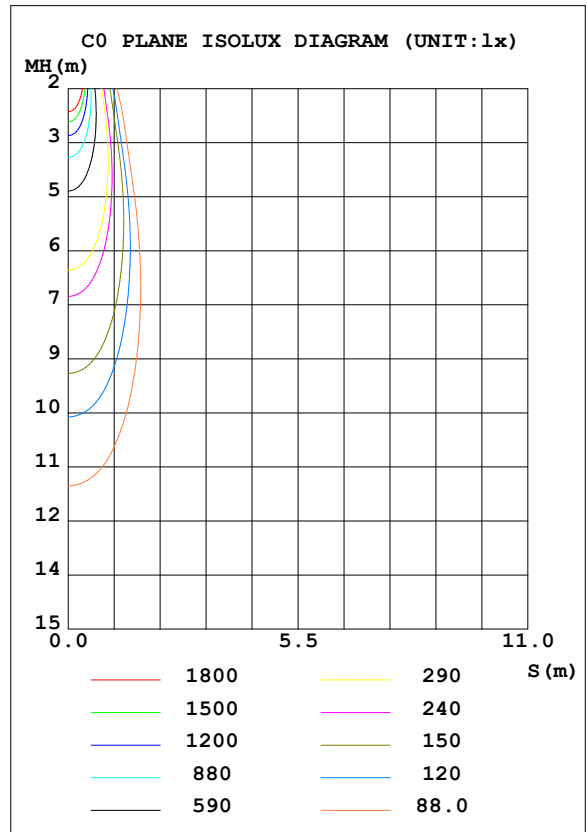
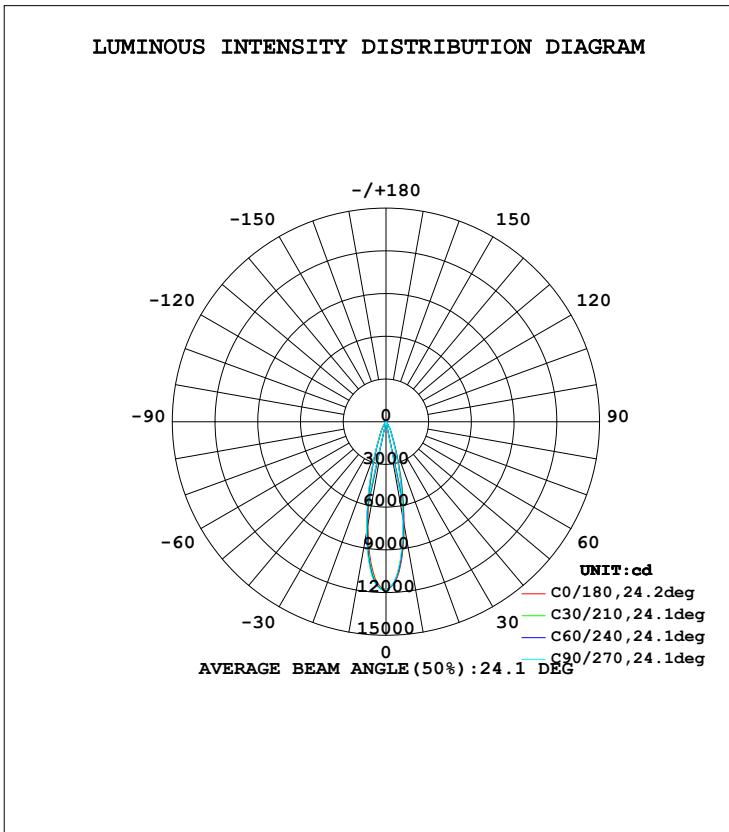
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-07

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:220.6V I:0.1985A P:41.18W PF:0.9403 Lamp Flux:2703.56x1 lm		
NAME: FOCUS M-42W-930-25D	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.66 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	11824	S/MH (C0/180)	0.41
NOMINAL POWER (W)	42	LOR (%)	100.0	S/MH (C90/270)	0.44
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2703.6	η UP, DN (C0-180)	0.0, 47.8
NOMINAL FLUX (lm)	2703.56	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.2
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



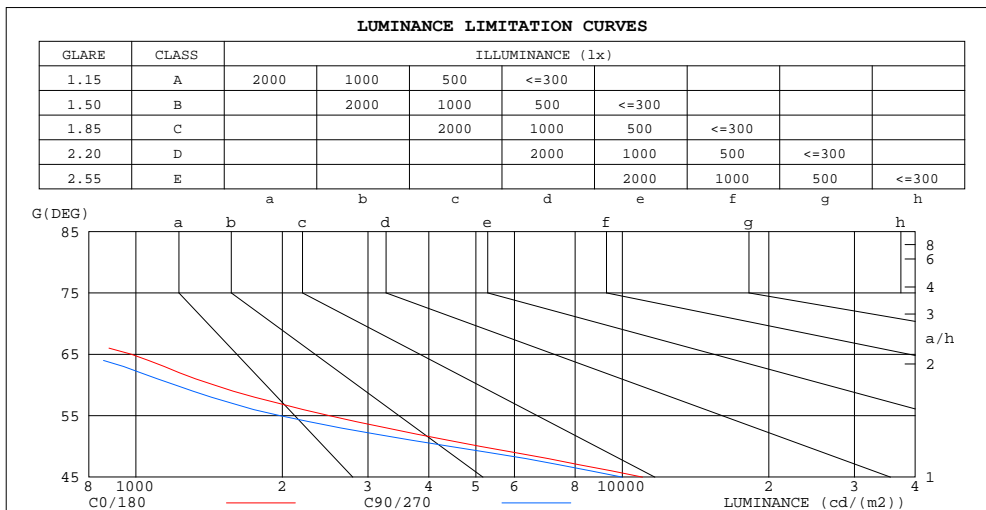
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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 Remarks:

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	734.2	717.4	687.9	695.9	732.5	753.1	791.8	776.3	0- 10	905.0	905.0	33.5,33.5
20	188.6	177.1	167.5	171.8	185.2	191.4	207.2	205.8	10- 20	1124	2029	75,75
30	55.71	52.42	50.08	51.71	52.85	53.00	55.46	56.59	20- 30	462.2	2491	92.1,92.1
40	9.995	9.157	8.818	9.238	9.537	9.822	10.99	10.85	30- 40	161.1	2652	98.1,98.1
50	2.087	1.851	1.808	1.915	1.940	2.143	2.387	2.317	40- 50	39.74	2692	99.6,99.6
60	0.4602	0.3897	0.3827	0.4006	0.4155	0.5102	0.4354	0.5377	50- 60	8.771	2701	99.9,99.9
70	0.0631	0.0620	0.0624	0.0625	0.0620	0.0621	0.0607	0.0670	60- 70	2.365	2703	100,100
80	0.0210	0.0201	0.0236	0.0210	0.0199	0.0206	0.0181	0.0195	70- 80	0.3815	2703	100,100
90	0.0116	0.0107	0.0125	0.0116	0.0077	0.0079	0.0077	0.0083	80- 90	0.1469	2704	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:×10cd									UNIT:lm		



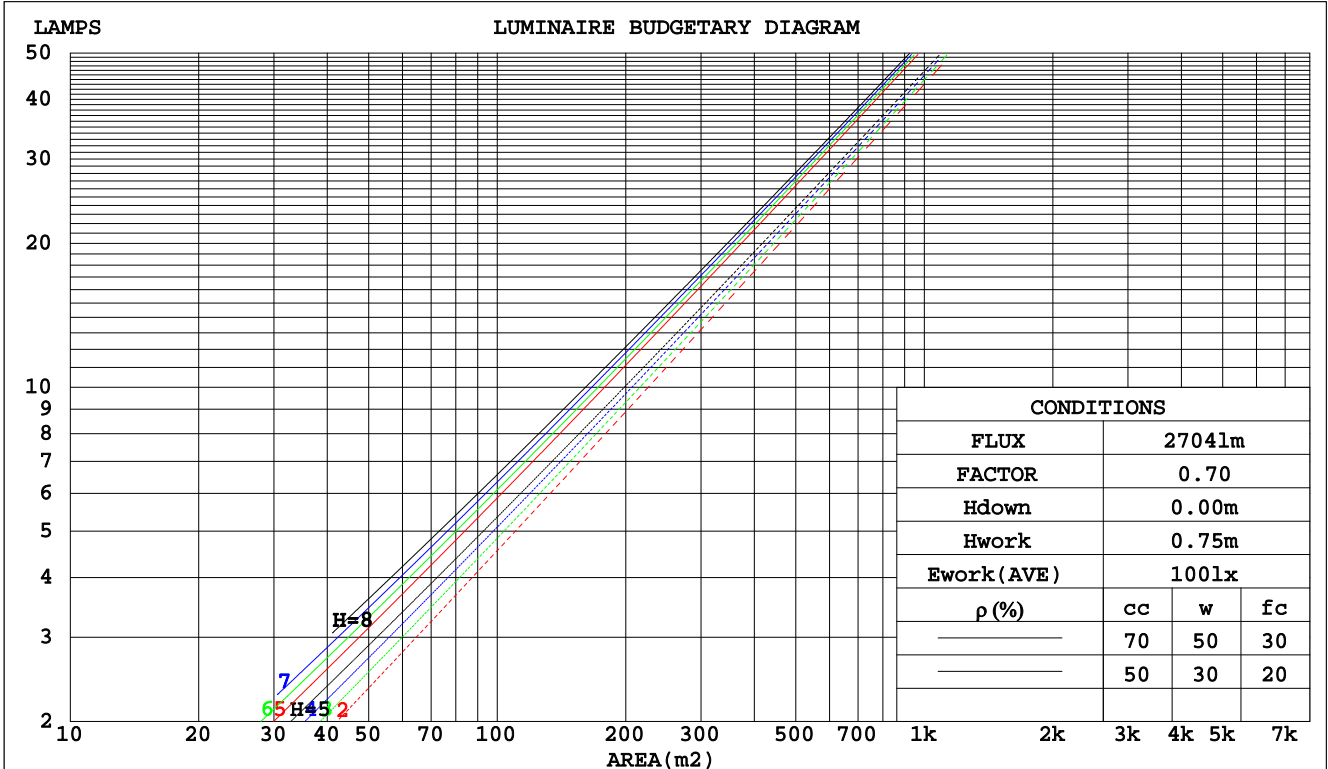
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Temperature:25.3DEG
Operators:Meng Yongjian
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.6V I:0.1985A P:41.18W PF:0.9403 Lamp Flux:2703.56x1 lm		
NAME: FOCUS M-42W-930-25D	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.00	1.02	1.00	.98	.00	.98	.96	.97	.95	.94	.93
3.0	1.02	.99	.96	1.01	.98	.95	.99	.96	.93	.96	.94	.92	.94	.92	.91	.89
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.91	.88	.91	.89	.87	.86
5.0	.94	.90	.87	.93	.89	.86	.92	.88	.86	.90	.87	.85	.89	.86	.84	.83
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.83	.88	.84	.82	.86	.84	.82	.80
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8.0	.85	.80	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.82	.79	.76	.75
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73
10.0	.80	.75	.73	.79	.75	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71



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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
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 Remarks:

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	.141	.080	.025	.134	.076	.024	.122	.070	.022	.110	.064	.020	.100	.058	.019	
2.0	.131	.072	.022	.125	.069	.021	.115	.064	.020	.106	.059	.019	.097	.055	.017	
3.0	.122	.065	.020	.118	.063	.019	.109	.059	.018	.101	.056	.017	.094	.052	.016	
4.0	.115	.060	.018	.111	.058	.017	.104	.055	.016	.097	.052	.016	.091	.049	.015	
5.0	.109	.055	.016	.105	.054	.016	.099	.052	.015	.093	.049	.015	.088	.047	.014	
6.0	.103	.052	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	.085	.045	.013	
7.0	.098	.048	.014	.096	.048	.014	.091	.046	.013	.087	.044	.013	.082	.043	.013	
8.0	.093	.046	.013	.091	.045	.013	.087	.044	.012	.083	.042	.012	.080	.041	.012	
9.0	.089	.043	.012	.087	.043	.012	.084	.041	.012	.080	.040	.012	.077	.039	.011	
10.0	.086	.041	.011	.084	.041	.011	.081	.040	.011	.078	.039	.011	.075	.038	.011	

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	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.114	.102	.089	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.097	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.078	.053	.035	.054	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.080	.051	.031	.069	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

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 Test Speed: HIGH
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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:

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	12.8	13.5	13.0	13.6	13.8	12.2	12.9	12.4	13.0	13.2
3H	12.7	13.3	12.9	13.5	13.7	12.1	12.7	12.3	12.9	13.1
4H	12.6	13.2	12.8	13.4	13.6	12.0	12.6	12.2	12.8	13.0
6H	12.5	13.1	12.8	13.3	13.5	11.9	12.5	12.2	12.7	12.9
8H	12.5	13.0	12.7	13.2	13.5	11.9	12.4	12.1	12.6	12.9
12H	12.4	12.9	12.7	13.2	13.5	11.8	12.3	12.1	12.6	12.9
4H 2H	12.6	13.2	12.8	13.4	13.6	12.0	12.6	12.2	12.8	13.0
3H	12.4	12.9	12.7	13.2	13.5	11.8	12.3	12.1	12.6	12.9
4H	12.3	12.8	12.7	13.1	13.4	11.7	12.2	12.1	12.5	12.8
6H	12.2	12.7	12.6	13.0	13.3	11.6	12.1	12.0	12.4	12.7
8H	12.2	12.6	12.6	12.9	13.3	11.6	12.0	12.0	12.3	12.7
12H	12.1	12.5	12.5	12.8	13.2	11.5	11.9	11.9	12.2	12.6
8H 4H	12.2	12.6	12.6	12.9	13.3	11.6	12.0	12.0	12.3	12.7
6H	12.1	12.4	12.5	12.8	13.2	11.5	11.8	11.9	12.2	12.6
8H	12.0	12.3	12.4	12.7	13.1	11.4	11.7	11.8	12.1	12.5
12H	11.9	12.2	12.4	12.6	13.1	11.3	11.6	11.8	12.0	12.5
12H 4H	12.1	12.5	12.5	12.8	13.2	11.5	11.9	11.9	12.2	12.6
6H	12.0	12.3	12.4	12.7	13.1	11.4	11.7	11.8	12.1	12.5
8H	11.9	12.2	12.4	12.6	13.1	11.3	11.6	11.8	12.0	12.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.7 / -11.2					+ 3.5 / -11.6				
1.5H	+ 5.7 / - 9.8					+ 5.4 / - 9.3				
2.0H	+ 6.5 / - 7.7					+ 6.4 / - 7.5				

CIE Pub.117 Corrected 2704 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

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 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.6V I:0.1985A P:41.18W PF:0.9403 Lamp Flux:2703.56x1 lm		
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SPEC.:3000K	DIM.: φ90mm*H220mm	
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	90	85	81	90	84	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	95	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	106	104	107	104	102	96
3.00	113	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	113	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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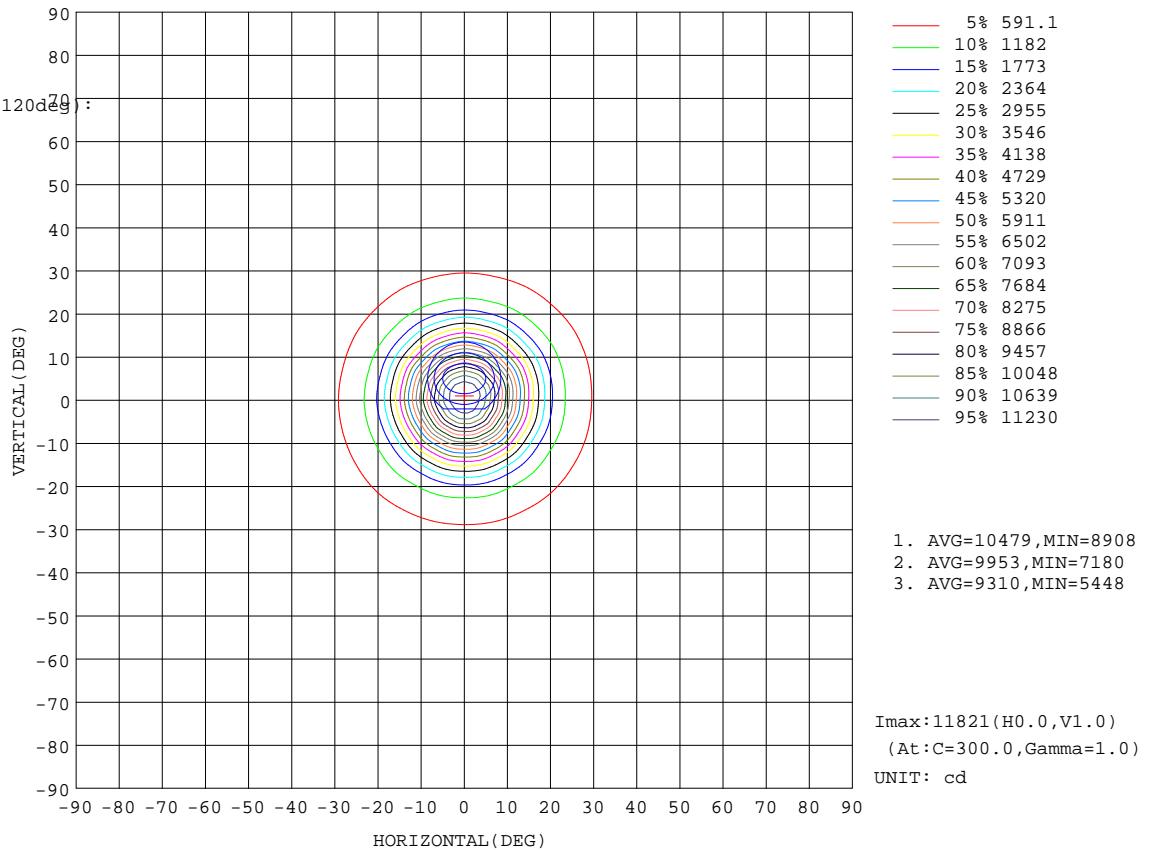
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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):
2678.5 lm
%lum = 99.1%
%lamp = 99.1%

Conical surface Flux(120deg):
2700.7 lm
%lum = 99.9%
%lamp = 99.9%



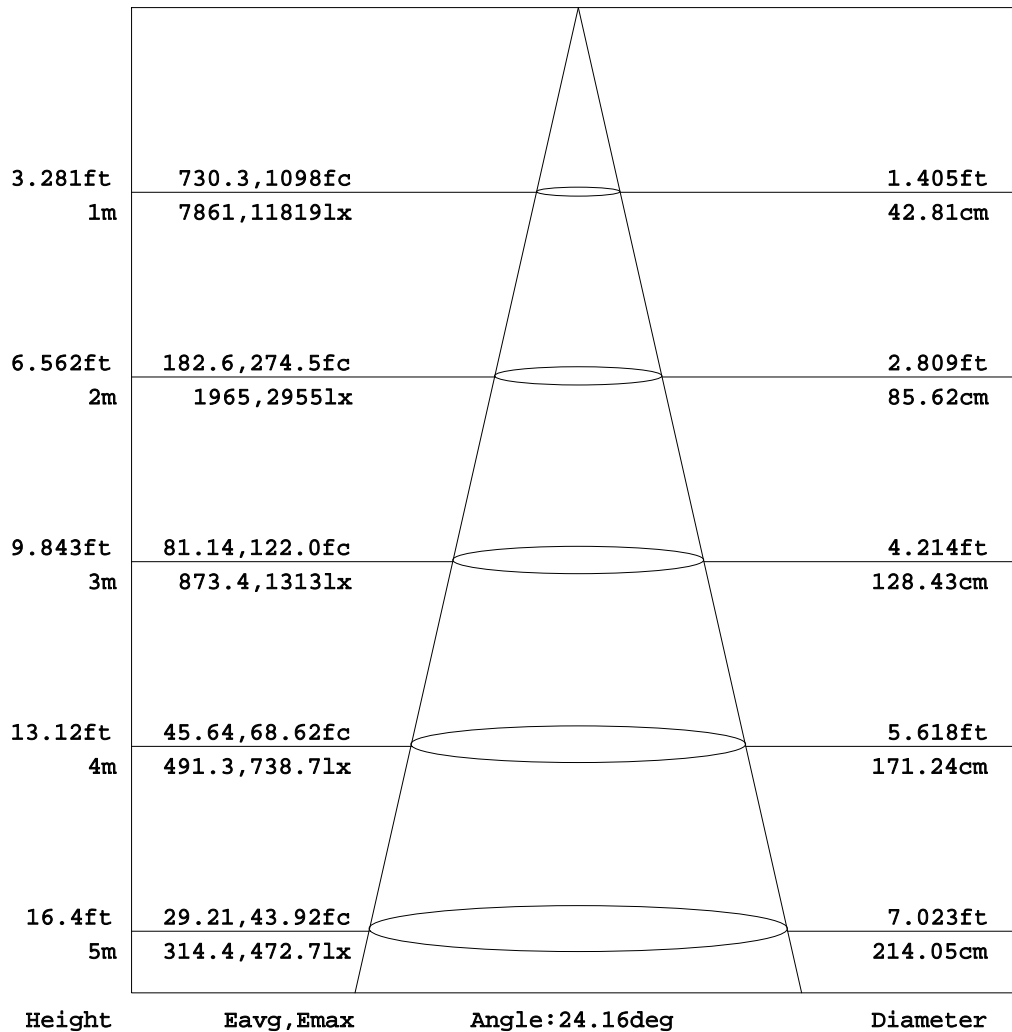
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AAI Figure

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Flux out:1316 lm



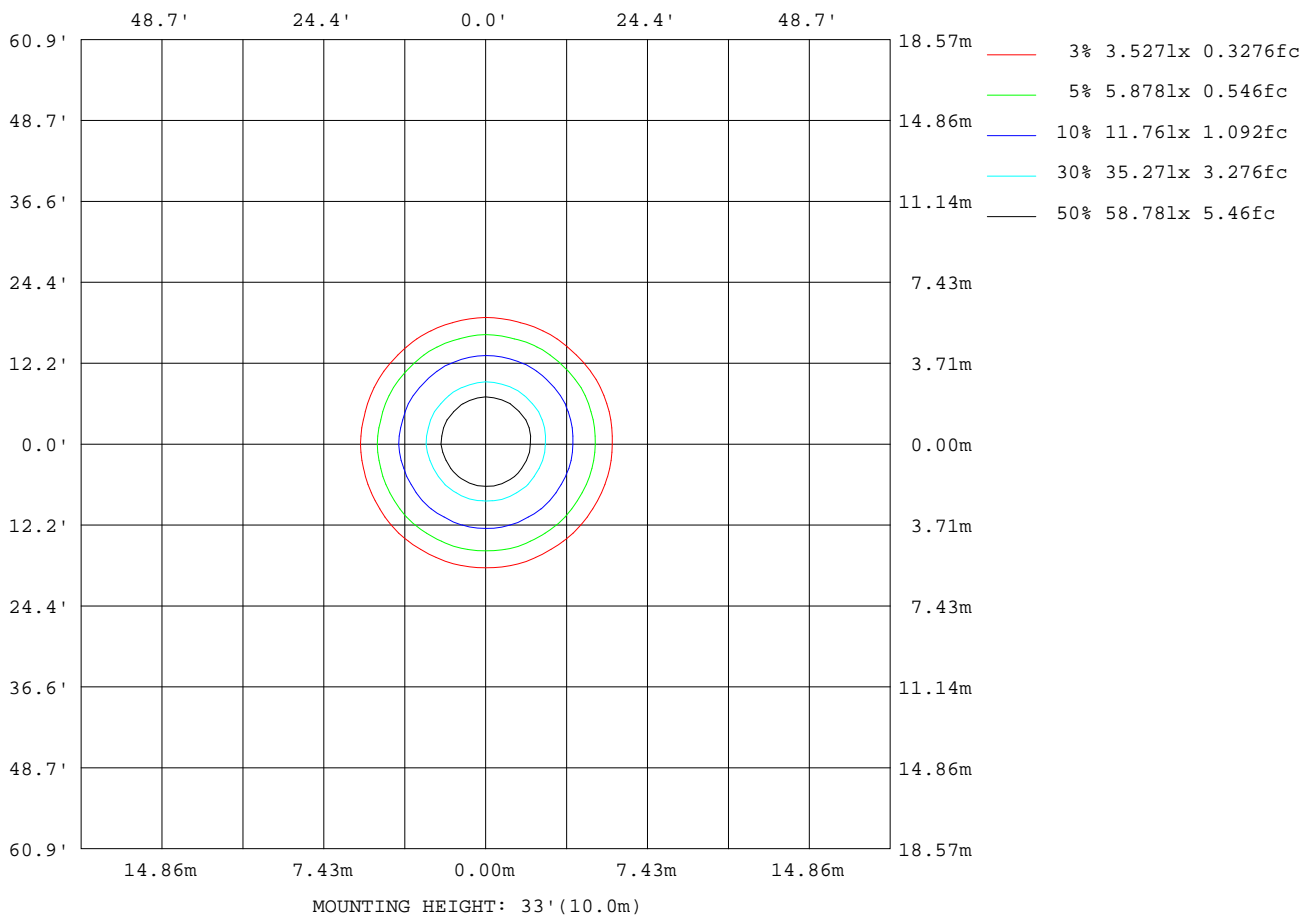
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

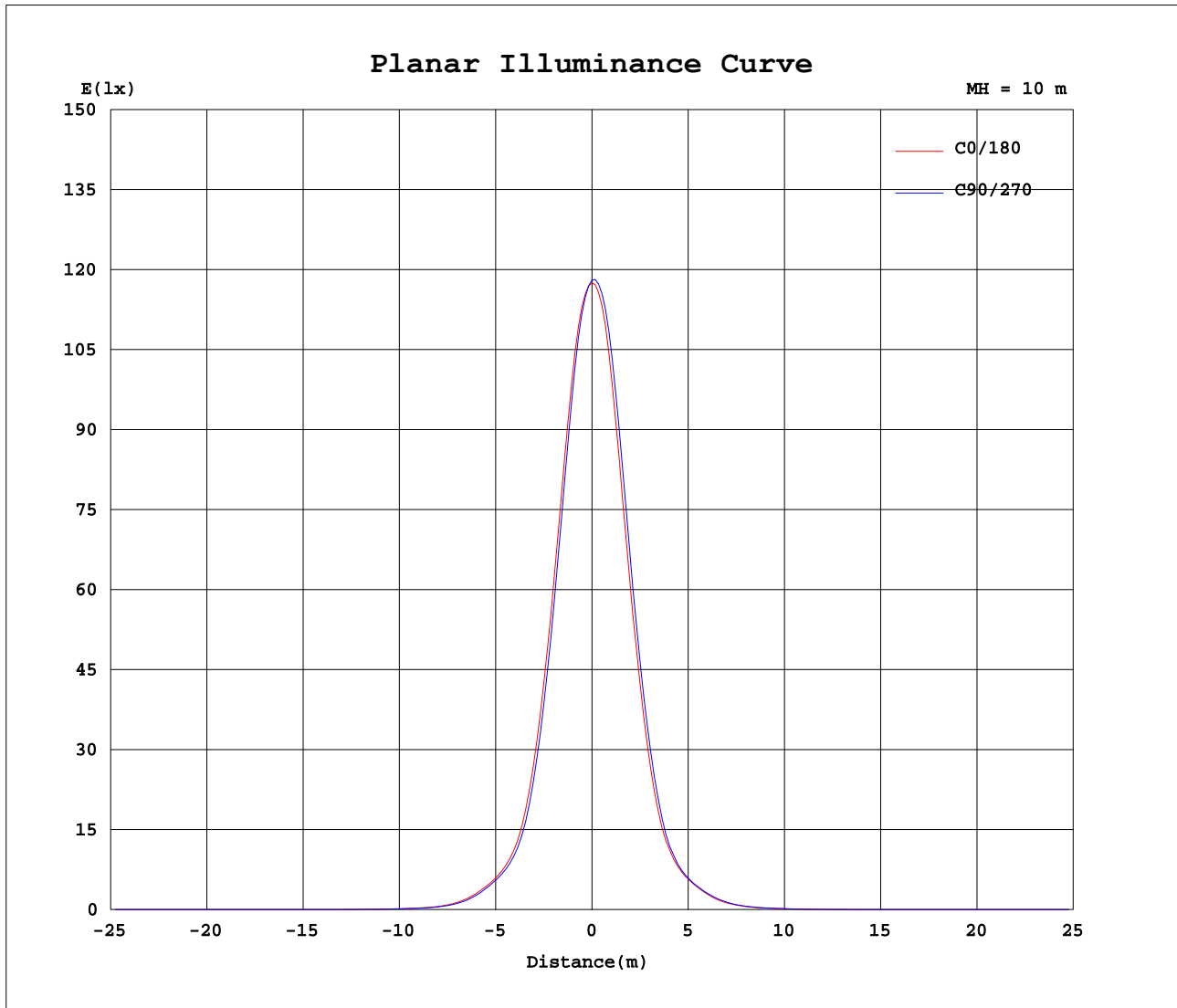
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.1985A P:41.18W PF:0.9403 Lamp Flux:2703.56x1 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	1176	1176	1176	1180	1180	1181	1181	1181	1181	1179	1179	1180	1176	1176	1176	1180	1180	1181	1181
5	1057	1056	1043	1051	1039	1040	1029	1033	1026	1033	1029	1041	1057	1061	1076	1078	1090	1090	1098
10	734	732	712	717	701	701	688	694	685	696	691	706	732	735	756	753	775	776	792
15	408	405	389	392	377	377	368	372	366	376	373	386	407	407	424	420	437	438	450
20	189	186	177	177	171	171	167	169	167	172	171	176	185	184	192	191	201	201	207
25	98.2	97.2	93.7	93.5	91.0	91.9	90.9	90.8	90.7	92.8	92.2	93.5	95.3	94.1	95.4	94.9	97.7	97.1	99.3
30	55.7	54.9	53.0	52.4	50.5	51.2	50.1	50.7	50.2	51.7	51.2	51.7	52.9	52.1	53.1	53.0	54.4	54.4	55.5
35	24.6	24.3	22.9	22.7	21.6	21.8	21.3	21.7	21.6	22.4	21.8	22.3	23.4	23.0	23.7	23.6	24.5	24.6	25.6
40	10.00	9.84	9.32	9.16	8.81	8.88	8.82	8.88	8.92	9.24	9.13	9.13	9.54	9.51	9.76	9.82	10.3	10.6	11.0
45	4.95	4.89	4.62	4.53	4.39	4.56	4.49	4.57	4.56	4.79	4.65	4.63	4.82	4.80	4.95	5.00	5.25	5.41	5.62
50	2.09	2.03	1.89	1.85	1.78	1.82	1.81	1.85	1.83	1.91	1.86	1.88	1.94	1.96	2.08	2.14	2.28	2.30	2.39
55	0.91	0.85	0.76	0.78	0.74	0.74	0.72	0.79	0.79	0.79	0.79	0.83	0.84	0.82	0.89	1.03	1.06	0.95	0.93
60	0.46	0.44	0.40	0.39	0.38	0.38	0.38	0.40	0.41	0.40	0.40	0.41	0.42	0.40	0.44	0.51	0.51	0.44	0.44
65	0.26	0.25	0.23	0.22	0.21	0.21	0.21	0.21	0.22	0.22	0.21	0.22	0.23	0.22	0.25	0.28	0.27	0.24	0.24
70	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
75	0.03	0.03	0.04	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
80	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	0.02
85	0.01	0.01	0.01	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	0.01	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:2017-08-07

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:220.6V I:0.1985A P:41.18W PF:0.9403 Lamp Flux:2703.56x1 lm		
NAME: FOCUS M-42W-930-25D	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ90mm*H220mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	1181	1181	1179	1179	1180													
5	1093	1097	1085	1088	1078													
10	783	792	776	782	765													
15	445	454	443	447	431													
20	205	211	206	209	200													
25	98.7	102	102	103	101													
30	55.2	56.7	56.6	58.3	57.7													
35	25.3	26.3	25.9	26.8	26.0													
40	10.8	11.1	10.9	11.0	10.7													
45	5.50	5.62	5.45	5.50	5.31													
50	2.36	2.42	2.32	2.27	2.19													
55	0.97	1.05	1.00	0.95	0.93													
60	0.46	0.51	0.54	0.53	0.50													
65	0.25	0.27	0.29	0.31	0.28													
70	0.06	0.07	0.07	0.08	0.07													
75	0.03	0.03	0.03	0.03	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:2017-08-07

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	11755	11763	11763	11801	11803	11812	11805	11814	11814	11792
3.0	11339	11334	11265	11326	11258	11267	11209	11236	11205	11229
6.0	10031	10015	9862	9937	9798	9808	9692	9727	9657	9733
9.0	8066	8045	7836	7901	7716	7736	7597	7661	7549	7673
12.0	5944	5908	5719	5772	5595	5602	5485	5541	5475	5575
15.0	4084	4053	3889	3919	3770	3775	3676	3722	3663	3761
18.0	2614	2585	2463	2470	2370	2374	2310	2339	2294	2367
21.0	1621	1599	1526	1529	1475	1483	1452	1470	1449	1493
24.0	1103	1089	1046	1047	1016	1025	1007	1017	1008	1036
27.0	790.7	783.7	757.4	758.1	738.1	746.9	737.4	740.8	736.5	754.3
30.0	557.1	549.0	530.4	524.2	504.7	511.9	500.8	506.5	502.4	517.1
33.0	350.2	345.0	329.0	324.1	309.2	313.1	306.0	310.7	308.0	318.2
36.0	206.3	204.2	192.8	190.4	181.5	183.0	179.0	182.4	181.0	188.6
39.0	120.8	118.8	112.5	110.5	105.7	106.1	104.2	105.5	104.8	109.9
42.0	75.36	74.28	71.32	70.34	68.60	69.85	69.57	70.19	70.76	73.06
45.0	49.46	48.87	46.21	45.27	43.89	45.59	44.94	45.66	45.61	47.94
48.0	29.93	29.31	27.70	26.94	26.13	27.32	26.95	27.23	27.17	28.53
51.0	17.50	16.81	15.58	15.41	14.71	14.75	14.73	15.21	15.02	15.59
54.0	10.63	9.963	8.946	9.238	8.671	8.640	8.500	9.186	9.172	9.293
57.0	6.811	6.315	5.674	5.749	5.545	5.585	5.463	5.914	5.898	5.995
60.0	4.602	4.364	3.978	3.897	3.766	3.844	3.827	3.964	4.099	4.006
63.0	3.304	3.115	2.864	2.800	2.693	2.730	2.726	2.806	2.882	2.848
66.0	2.278	2.125	1.910	1.869	1.746	1.788	1.714	1.740	1.804	1.805
69.0	0.9545	0.8940	0.7543	0.7640	0.7222	0.7423	0.6911	0.7295	0.7349	0.7164
72.0	0.4710	0.4804	0.4818	0.4848	0.4667	0.4696	0.4842	0.4850	0.4821	0.4741
75.0	0.3371	0.3365	0.3546	0.3452	0.3568	0.3496	0.3700	0.3692	0.3678	0.3539
78.0	0.2517	0.2403	0.2627	0.2512	0.2692	0.2534	0.2802	0.2709	0.2736	0.2600
81.0	0.1926	0.1770	0.2014	0.1792	0.2057	0.1879	0.2188	0.2032	0.2058	0.1879
84.0	0.1532	0.1355	0.1597	0.1355	0.1598	0.1420	0.1707	0.1507	0.1598	0.1377
87.0	0.1269	0.1159	0.1291	0.1071	0.1313	0.1159	0.1357	0.1224	0.1291	0.1093
90.0	0.1159	0.1159	0.1203	0.1071	0.1203	0.1203	0.1246	0.1246	0.1159	0.1159
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	11792	11800	11763	11763	11803	11801	11803	11812	11805	11814
3.0	11210	11285	11365	11388	11476	11490	11555	11557	11593	11572
6.0	9694	9834	10022	10059	10245	10251	10404	10411	10507	10447
9.0	7617	7781	8025	8059	8273	8260	8472	8477	8627	8553
12.0	5541	5696	5926	5960	6145	6114	6311	6319	6462	6401
15.0	3729	3865	4068	4071	4237	4197	4370	4376	4499	4451
18.0	2343	2436	2579	2581	2694	2672	2801	2802	2892	2865
21.0	1484	1528	1596	1580	1638	1629	1702	1698	1744	1726
24.0	1031	1046	1072	1059	1084	1073	1108	1103	1128	1118
27.0	749.1	755.7	763.5	750.2	761.3	754.0	775.4	768.3	786.9	784.5
30.0	511.7	517.4	528.5	521.0	530.7	530.0	544.2	544.4	554.6	551.7
33.0	310.7	315.6	328.9	323.0	334.2	332.0	344.3	345.9	356.5	353.2
36.0	184.3	187.7	196.8	193.0	199.5	198.2	206.6	207.2	215.6	213.4
39.0	108.0	109.0	115.0	114.5	117.5	118.0	125.3	126.4	132.2	129.1
42.0	72.19	71.98	73.87	73.53	74.39	75.10	78.07	80.46	82.13	80.91
45.0	46.47	46.35	48.20	48.01	49.54	49.96	52.48	54.08	56.23	54.97
48.0	27.46	27.43	28.56	28.62	29.73	30.10	31.93	32.80	34.30	33.76
51.0	15.28	15.70	16.04	16.22	17.34	18.36	19.32	19.28	19.81	19.49
54.0	9.208	9.677	9.716	9.689	10.44	11.95	12.28	11.41	11.18	11.49
57.0	5.915	6.115	6.244	5.985	6.576	7.789	7.848	6.831	6.656	7.137
60.0	4.009	4.073	4.155	4.012	4.450	5.102	5.098	4.404	4.354	4.647
63.0	2.820	2.870	2.913	2.848	3.142	3.618	3.493	3.069	3.059	3.191
66.0	1.782	1.873	1.962	1.903	2.168	2.446	2.340	2.086	2.067	2.152
69.0	0.6958	0.7878	0.8501	0.8359	0.9949	1.165	1.088	0.8809	0.9364	0.9483
72.0	0.4732	0.4653	0.4803	0.4708	0.4888	0.4794	0.4714	0.4663	0.4453	0.4445
75.0	0.3633	0.3517	0.3407	0.3480	0.3342	0.3436	0.3276	0.3326	0.3123	0.3152
78.0	0.2714	0.2534	0.2446	0.2582	0.2403	0.2517	0.2337	0.2451	0.2249	0.2342
81.0	0.2014	0.1879	0.1747	0.1947	0.1703	0.1903	0.1660	0.1860	0.1638	0.1772
84.0	0.1554	0.1377	0.1223	0.1422	0.1179	0.1379	0.1157	0.1401	0.1179	0.1335
87.0	0.1247	0.1093	0.0787	0.1029	0.0765	0.1029	0.0787	0.1050	0.0809	0.1028
90.0	0.1093	0.1093	0.0765	0.0743	0.0743	0.0787	0.0765	0.0787	0.0765	0.0809
G/C	300.0	315.0	330.0	345.0						
0.0	11814	11792	11792	11800						
3.0	11591	11518	11526	11478						
6.0	10498	10364	10400	10277						
9.0	8626	8477	8525	8377						
12.0	6480	6356	6398	6228						
15.0	4543	4427	4470	4312						
18.0	2934	2851	2882	2765						
21.0	1782	1744	1770	1699						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-08-07

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	1155	1146	1168	1136
27.0	804.7	802.4	826.0	809.2
30.0	566.5	565.9	583.2	576.7
33.0	364.9	362.2	376.2	367.9
36.0	221.4	218.0	225.1	217.4
39.0	134.6	130.3	134.7	128.8
42.0	81.18	80.01	80.78	78.91
45.0	56.19	54.48	55.00	53.14
48.0	34.38	33.24	33.04	31.81
51.0	20.23	19.19	18.68	18.12
54.0	12.37	11.56	11.00	10.81
57.0	7.759	7.631	7.272	7.072
60.0	5.148	5.377	5.305	5.013
63.0	3.526	3.730	3.920	3.526
66.0	2.357	2.444	2.649	2.380
69.0	1.145	1.145	1.163	1.097
72.0	0.4473	0.4576	0.4647	0.4795
75.0	0.3014	0.3195	0.3123	0.3348
78.0	0.2162	0.2342	0.2228	0.2494
81.0	0.1572	0.1751	0.1638	0.1882
84.0	0.1113	0.1379	0.1157	0.1422
87.0	0.0809	0.1050	0.0809	0.1116
90.0	0.0765	0.0831	0.0787	0.0896

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-08-07

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: