

LED Tracklight PURE S-21W-940-25



Light Output Ratio:	100.0%	
Luminaire Power:	20.44 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

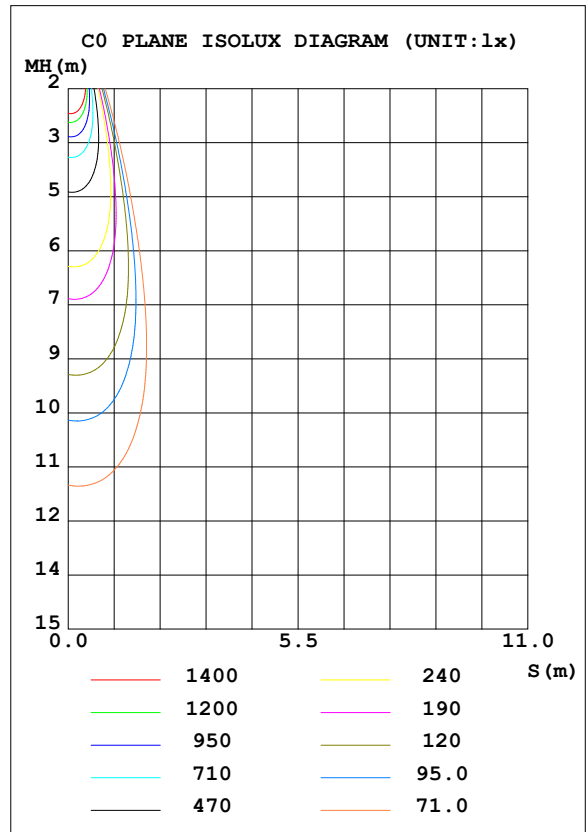
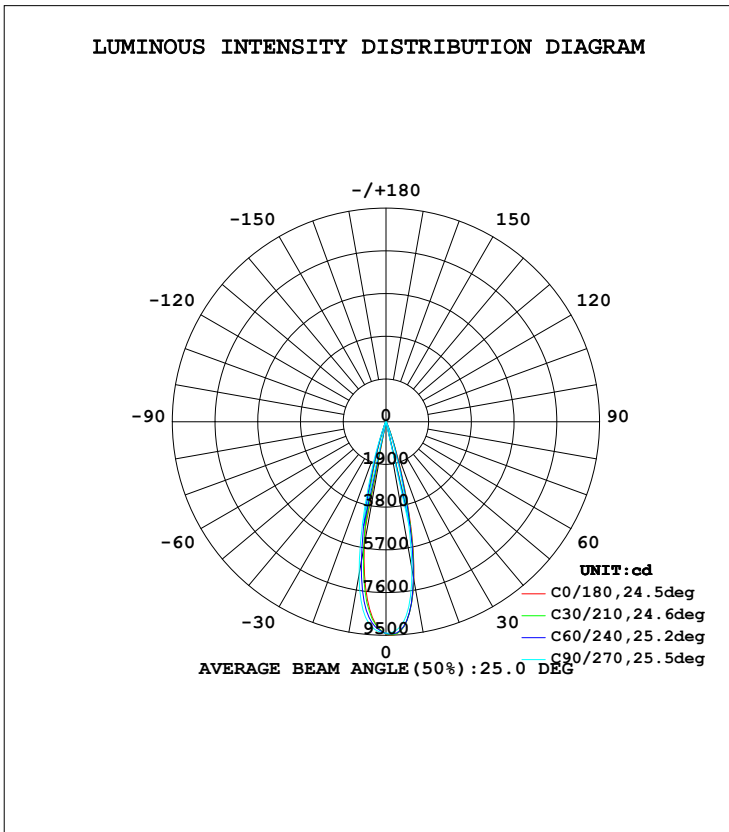
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-05-19

$\gamma$  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:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.65 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	9494	S/MH (C0/180)	0.36
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	0.40
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1812.4	η UP, DN (C0-180)	0.0, 49.8
NOMINAL FLUX (lm)	1812.38	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
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



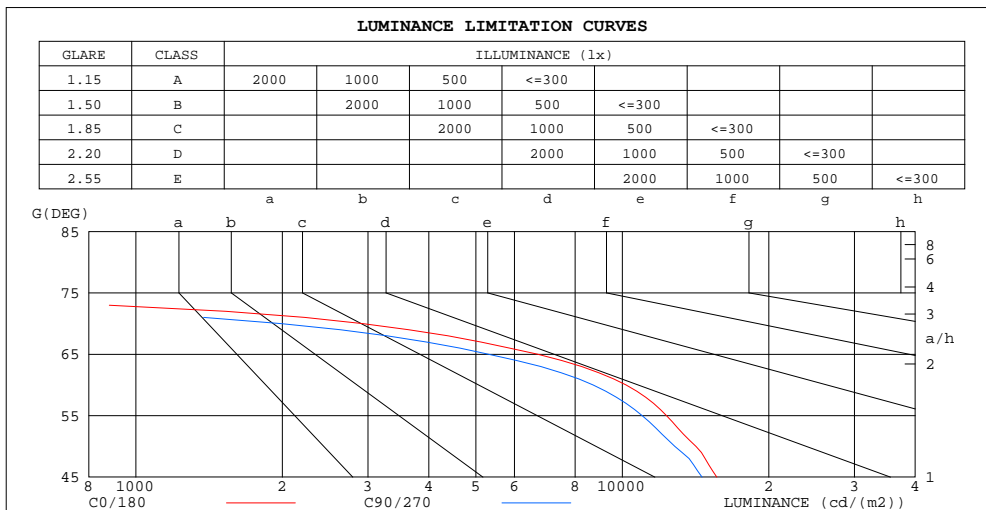
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-19

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:

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	7141	7156	6642	5855	5582	5914	6914	7223	0- 10	772.2	772.2	42.6,42.6
20	1038	938.2	650.8	485.1	540.2	556.1	783.0	965.3	10- 20	809.1	1581	87.3,87.3
30	119.9	114.3	103.7	100.2	110.1	94.13	112.5	116.1	20- 30	120.9	1702	93.9,93.9
40	52.68	49.87	48.89	47.21	49.80	46.07	52.13	52.62	30- 40	44.46	1747	96.4,96.4
50	35.03	32.49	31.69	31.81	33.67	30.48	34.13	34.82	40- 50	31.61	1778	98.1,98.1
60	19.57	18.39	16.74	17.22	18.33	17.75	19.07	20.14	50- 60	23.07	1801	99.4,99.4
70	3.856	3.380	2.619	2.414	2.663	2.971	3.838	4.332	60- 70	10.15	1812	100,100
80	0.1729	0.1464	0.1532	0.1158	0.1157	0.1357	0.1288	0.1619	70- 80	0.7716	1812	100,100
90	0.0765	0.0765	0.0678	0.0634	0.0700	0.0678	0.0634	0.0700	80- 90	0.1007	1812	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		



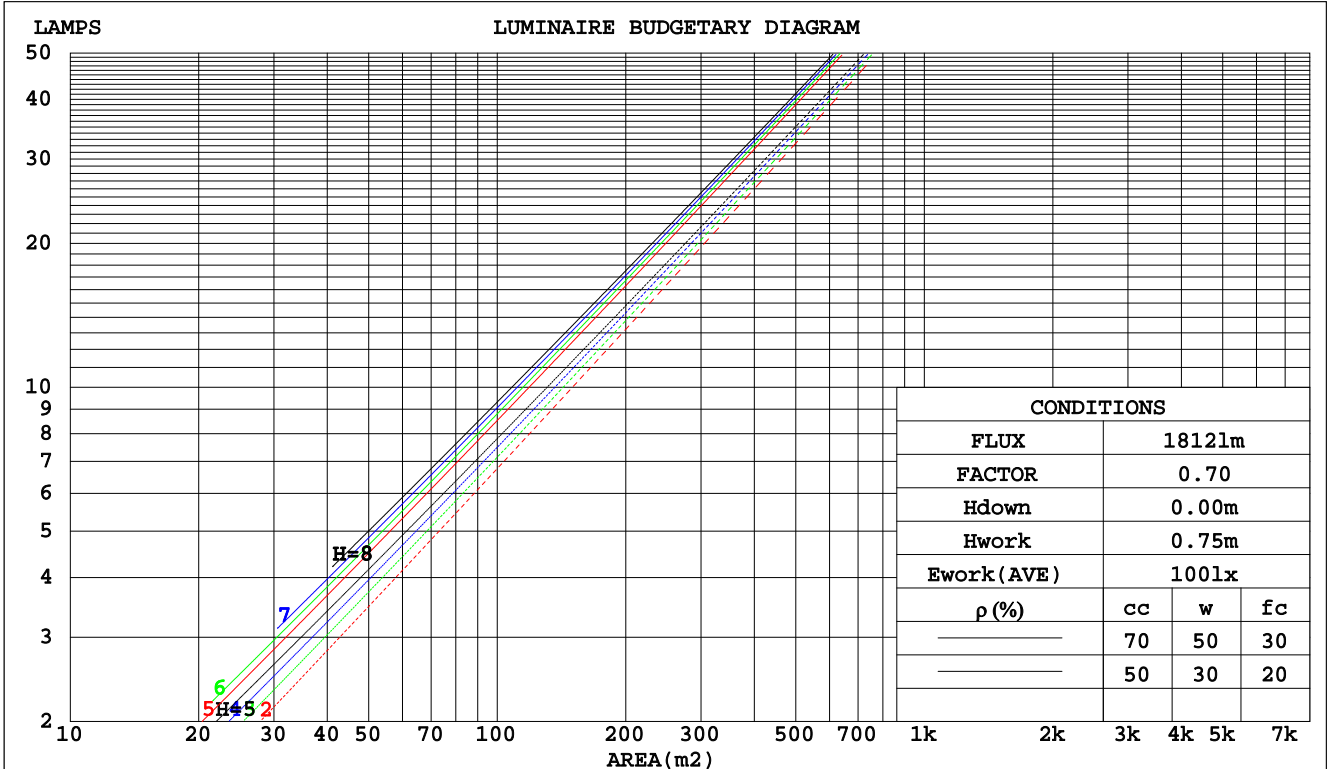
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-05-19

$\gamma$  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:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
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	20%			20%			20%			20%			20%			0
ρfc	RCR:Room Cavity Ratio															
RCR	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	.96	.94	.96	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.93	.97	.94	.92	.95	.93	.91	.93	.91	.90	.89
5.0	.97	.93	.90	.96	.92	.89	.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	.86	.83	.87	.85	.83	.82
8.0	.89	.85	.82	.88	.85	.82	.87	.84	.82	.86	.83	.81	.86	.83	.81	.80
9.0	.86	.83	.80	.86	.82	.80	.85	.82	.80	.85	.82	.80	.84	.81	.79	.78
10.0	.84	.81	.78	.84	.81	.78	.83	.80	.78	.83	.80	.78	.82	.80	.78	.77



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:

WEC AND CCEC

Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.133	.076	.024	.126	.072	.023	.114	.065	.021	.103	.059	.019	.092	.053	.017	
2.0	.123	.067	.021	.117	.065	.020	.107	.060	.019	.098	.055	.017	.089	.050	.016	
3.0	.114	.061	.018	.110	.059	.018	.101	.055	.017	.093	.051	.016	.086	.048	.015	
4.0	.106	.055	.016	.103	.054	.016	.095	.051	.015	.089	.048	.014	.083	.045	.014	
5.0	.100	.051	.015	.096	.050	.014	.090	.047	.014	.085	.045	.013	.080	.042	.013	
6.0	.094	.047	.013	.091	.046	.013	.086	.044	.013	.081	.042	.012	.076	.040	.012	
7.0	.089	.044	.012	.086	.043	.012	.082	.041	.012	.078	.040	.012	.074	.038	.011	
8.0	.084	.041	.012	.082	.040	.011	.078	.039	.011	.074	.038	.011	.071	.036	.011	
9.0	.080	.039	.011	.078	.038	.011	.075	.037	.010	.072	.036	.010	.069	.035	.010	
10.0	.076	.037	.010	.075	.036	.010	.072	.035	.010	.069	.034	.010	.066	.033	.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	.134	.113	.096	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.122	.098	.080	.104	.085	.069	.072	.059	.049	.042	.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	.081	.054	.036	.070	.047	.032	.048	.033	.022	.028	.020	.013	.009	.006	.004	
10.0	.076	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

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:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
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	13.1	13.7	13.3	13.9	14.0	12.6	13.2	12.8	13.4	13.5
3H	13.3	13.9	13.5	14.1	14.2	12.7	13.3	13.0	13.5	13.7
4H	13.2	13.8	13.5	14.0	14.2	12.7	13.2	12.9	13.4	13.6
6H	13.1	13.7	13.4	13.9	14.1	12.6	13.1	12.9	13.3	13.6
8H	13.1	13.6	13.4	13.8	14.1	12.5	13.0	12.8	13.3	13.5
12H	13.0	13.5	13.3	13.8	14.1	12.5	13.0	12.8	13.2	13.5
4H 2H	13.3	13.8	13.5	14.0	14.3	12.9	13.4	13.1	13.6	13.8
3H	13.5	14.0	13.8	14.2	14.5	13.0	13.5	13.3	13.7	14.0
4H	13.4	13.8	13.7	14.1	14.4	12.9	13.3	13.2	13.6	13.9
6H	13.3	13.7	13.6	14.0	14.3	12.8	13.2	13.1	13.5	13.8
8H	13.2	13.6	13.6	13.9	14.3	12.7	13.1	13.1	13.4	13.8
12H	13.2	13.5	13.6	13.9	14.3	12.7	13.0	13.1	13.4	13.8
8H 4H	13.2	13.6	13.6	13.9	14.3	12.7	13.1	13.1	13.4	13.8
6H	13.1	13.4	13.5	13.8	14.2	12.6	12.9	13.0	13.3	13.7
8H	13.1	13.3	13.5	13.7	14.2	12.6	12.8	13.0	13.2	13.7
12H	13.0	13.2	13.5	13.7	14.1	12.5	12.7	13.0	13.2	13.6
12H 4H	13.2	13.5	13.6	13.9	14.3	12.7	13.0	13.1	13.4	13.8
6H	13.1	13.3	13.5	13.7	14.2	12.6	12.8	13.0	13.2	13.7
8H	13.0	13.2	13.5	13.7	14.1	12.5	12.7	13.0	13.2	13.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 1.0					+ 0.8 / - 1.2				
1.5H	+ 0.3 / - 0.9					+ 0.3 / - 0.8				
2.0H	+ 1.2 / - 1.9					+ 1.2 / - 2.0				

CIE Pub.117 Corrected 1812 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.1)

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:

**UTILIZATION FACTORS TABLE**

Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
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	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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:

**ISOCANDELA DIAGRAM**

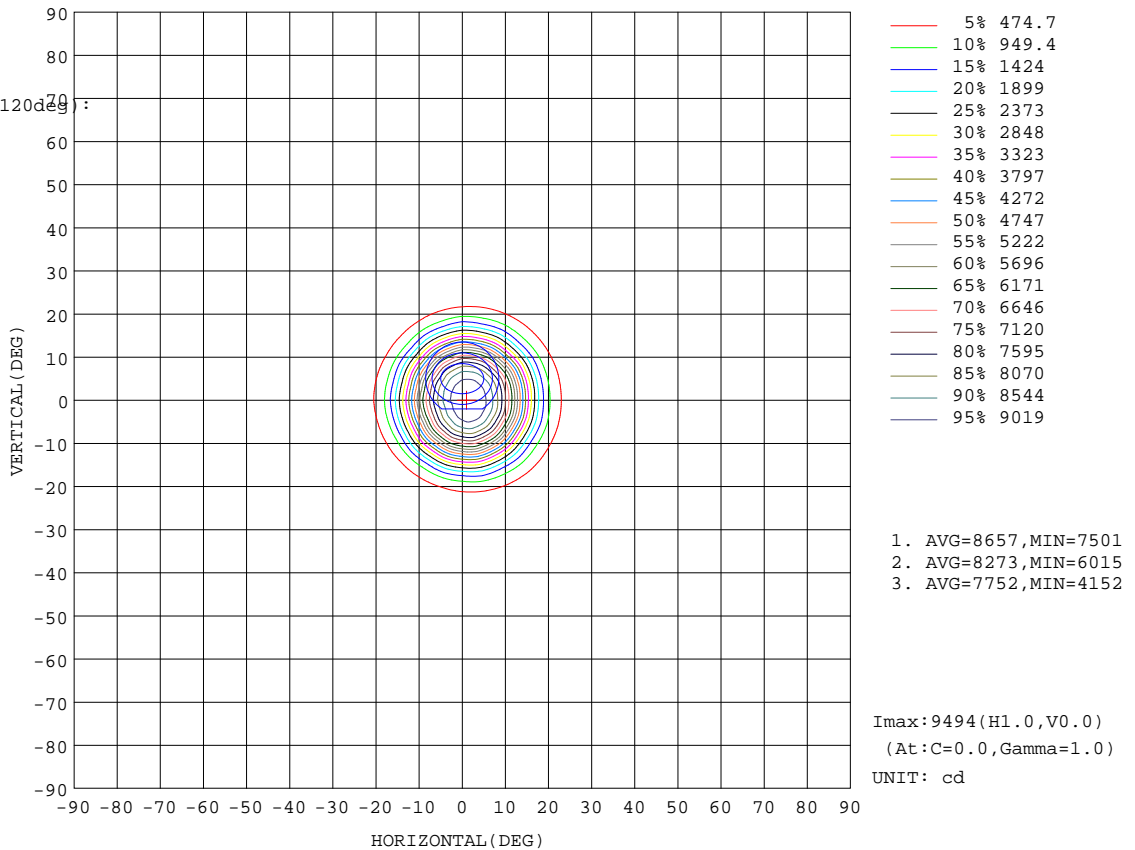
Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1763.3 lm  
%lum = 97.3%  
%lamp = 97.3%

Conical surface Flux(120deg):

1801.4 lm  
%lum = 99.4%  
%lamp = 99.4%



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

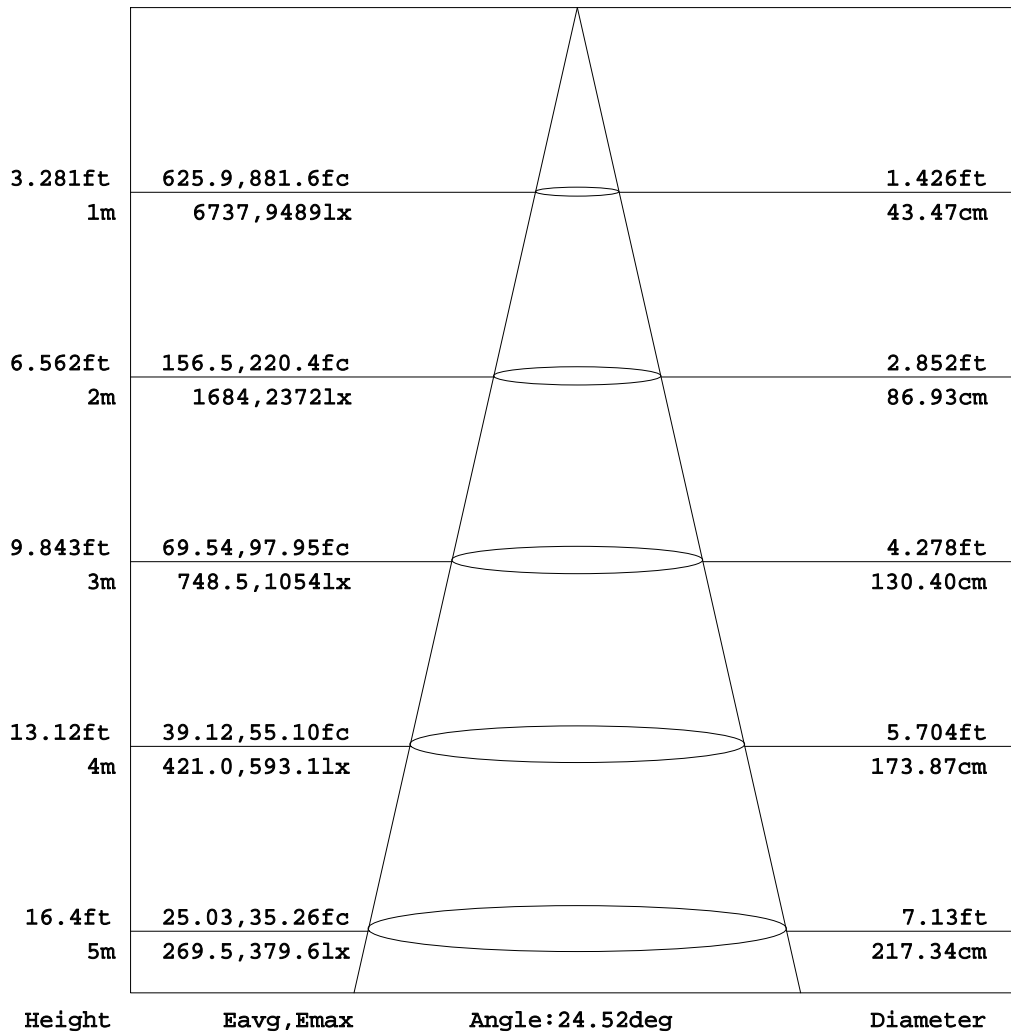
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

Flux out:1128 lm



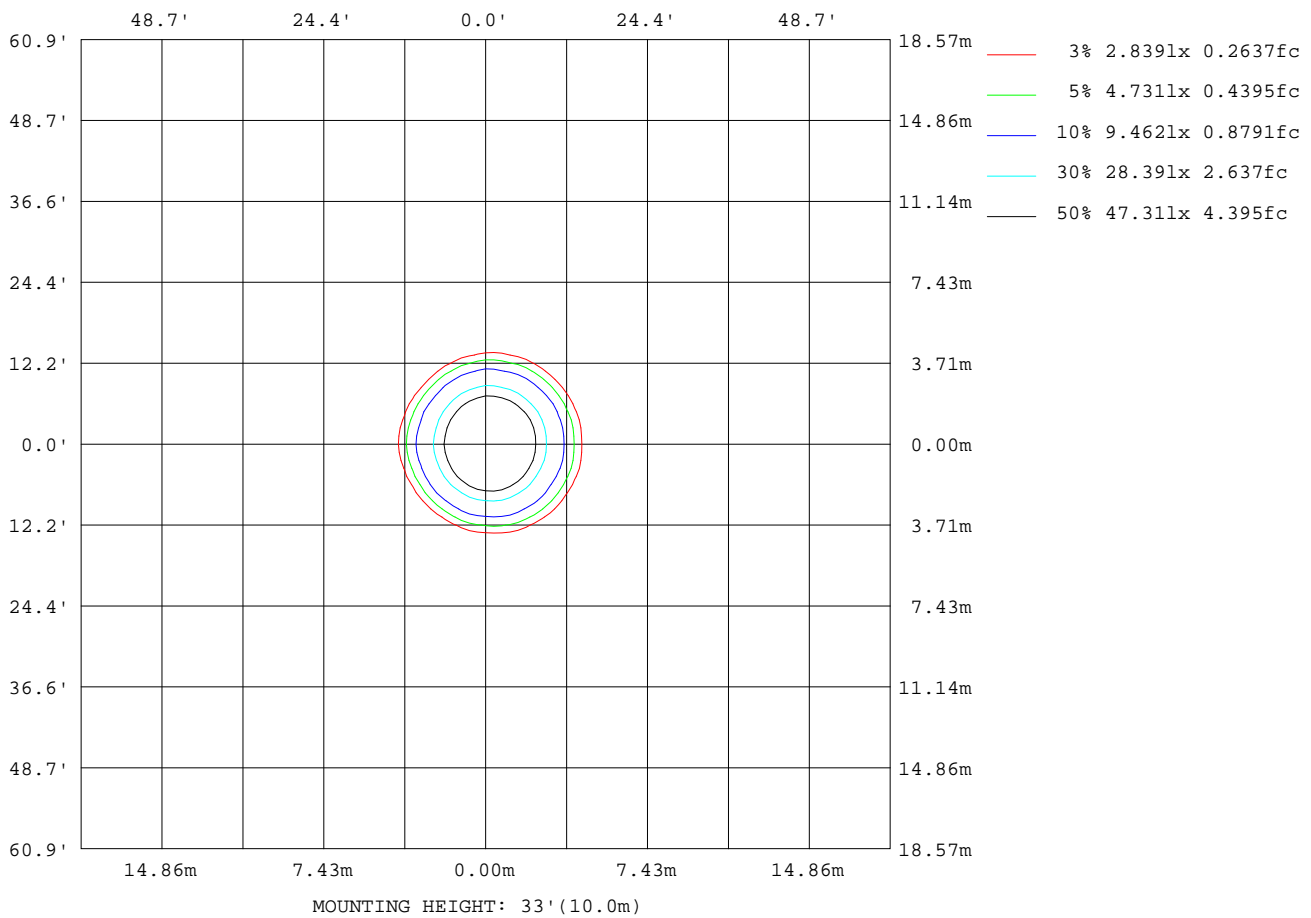
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

**ISOLUX DIAGRAM**

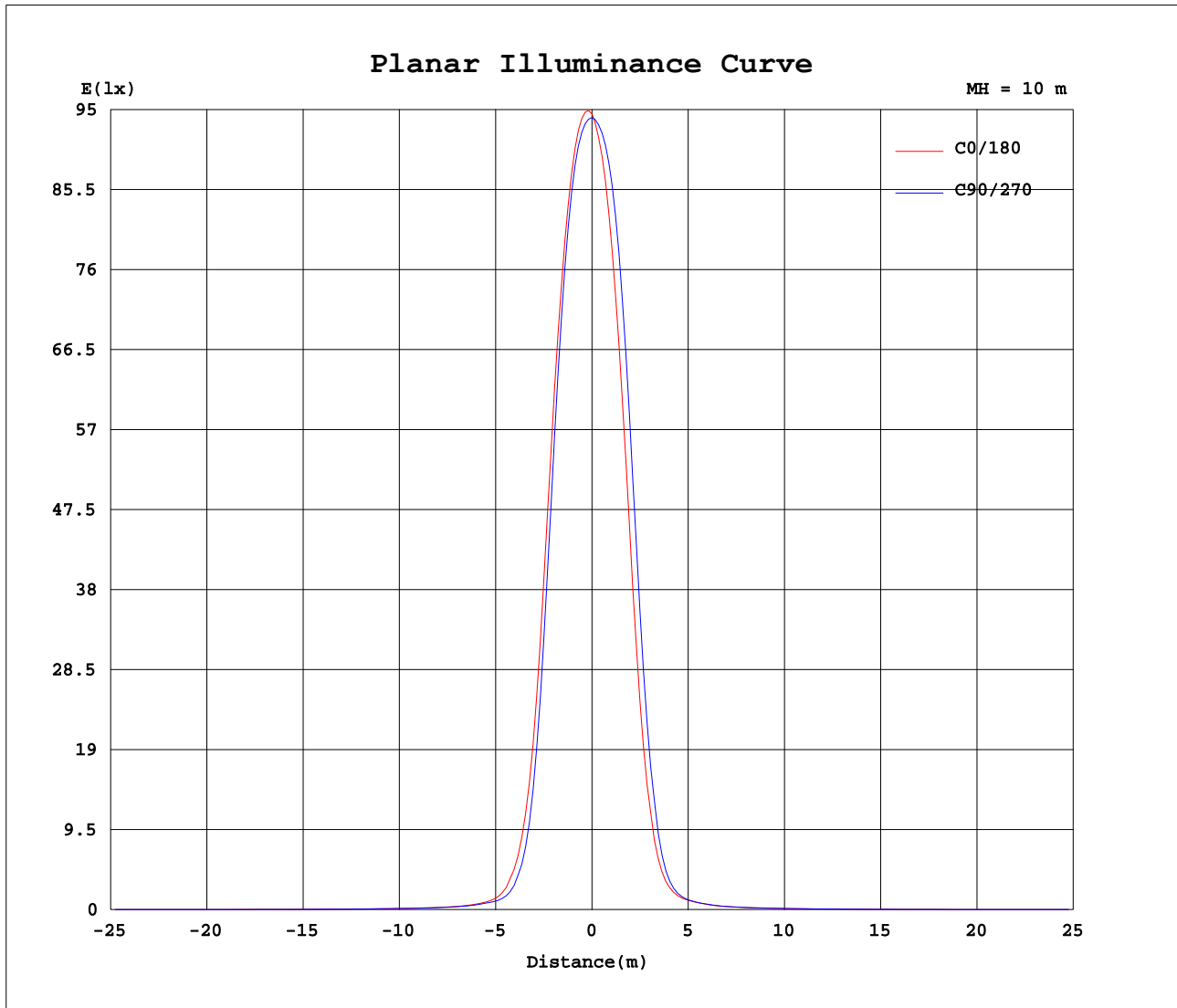
Test:U:220.7V I:0.0987A P:20.44W PF:0.9386 Lamp Flux:1812.38x1 lm		
NAME: PURE S-21W-940-25	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		



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:

Planar Illuminance Curve



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

$\gamma$  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:





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	9449	9432	9433	9417	9418	9407	9405	9402	9395	9400
3.0	9432	9441	9430	9428	9392	9352	9267	9192	9086	9021
6.0	8894	8932	8903	8942	8890	8838	8662	8518	8277	8128
9.0	7689	7757	7680	7741	7626	7582	7288	7096	6728	6544
12.0	5823	5857	5728	5761	5580	5491	5134	4910	4517	4343
15.0	3550	3561	3390	3409	3208	3120	2801	2630	2343	2267
18.0	1756	1756	1632	1623	1490	1466	1208	1101	954.9	923.3
21.0	787.6	794.1	731.5	709.8	629.2	574.8	504.8	427.5	374.5	363.0
24.0	345.9	352.7	324.7	309.6	270.8	249.2	217.3	201.6	185.0	185.0
27.0	178.4	180.7	171.9	165.0	150.3	144.8	136.4	133.2	126.8	129.3
30.0	119.9	119.7	116.7	114.3	109.0	106.8	103.7	101.5	99.76	100.2
33.0	85.31	84.26	82.09	81.06	79.42	78.61	76.08	75.08	73.62	73.57
36.0	66.76	65.83	64.59	63.63	63.50	62.93	61.23	61.29	59.90	59.90
39.0	55.57	55.00	53.22	52.91	53.02	52.97	51.66	51.41	50.17	49.97
42.0	47.62	47.31	45.24	44.67	45.34	45.41	44.52	44.48	43.26	42.98
45.0	42.53	42.51	40.39	39.55	40.41	40.40	39.66	39.78	38.42	38.19
48.0	38.09	38.11	36.47	35.60	36.06	36.14	35.31	35.28	34.71	34.57
51.0	33.25	33.27	31.64	30.79	30.79	30.99	30.08	30.11	30.64	30.52
54.0	28.63	28.62	27.32	26.52	26.42	26.56	25.68	25.75	26.51	26.59
57.0	24.28	24.23	23.25	22.68	22.24	22.16	21.33	21.38	22.01	22.12
60.0	19.57	19.50	18.76	18.39	17.75	17.46	16.74	16.79	17.08	17.22
63.0	14.40	14.39	13.75	13.52	12.79	12.47	11.88	11.92	11.90	12.05
66.0	9.176	9.165	8.675	8.505	7.929	7.688	7.259	7.319	7.194	7.298
69.0	5.012	4.986	4.631	4.503	4.105	3.949	3.628	3.621	3.438	3.450
72.0	1.820	1.774	1.505	1.438	1.181	1.125	0.9348	0.8793	0.7352	0.7424
75.0	0.3170	0.2969	0.2817	0.2599	0.2632	0.2403	0.2366	0.2141	0.2234	0.2032
78.0	0.2057	0.1857	0.2035	0.1791	0.1926	0.1682	0.1816	0.1595	0.1707	0.1464
81.0	0.1554	0.1355	0.1554	0.1311	0.1445	0.1223	0.1336	0.1136	0.1226	0.1005
84.0	0.1182	0.0983	0.1204	0.0961	0.1116	0.0874	0.1051	0.0808	0.0920	0.0677
87.0	0.0963	0.0765	0.0941	0.0765	0.0897	0.0678	0.0853	0.0678	0.0766	0.0634
90.0	0.0765	0.0765	0.0765	0.0765	0.0722	0.0656	0.0678	0.0678	0.0634	0.0634
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	9390	9399	9449	9432	9433	9417	9418	9407	9405	9400
3.0	8935	8924	8982	8963	9019	9051	9129	9185	9260	9302
6.0	7935	7881	7955	7959	8108	8219	8438	8567	8742	8797
9.0	6240	6208	6264	6217	6442	6604	6979	7186	7508	7607
12.0	4043	4011	4080	4027	4261	4426	4828	5066	5464	5585
15.0	2087	2091	2151	2104	2256	2349	2649	2833	3151	3237
18.0	865.2	903.4	958.7	930.2	967.9	990.2	1150	1263	1504	1517
21.0	352.4	381.7	415.1	400.3	396.8	395.8	450.3	516.7	573.5	614.8
24.0	185.8	202.7	220.2	213.3	205.1	198.8	214.4	224.9	256.8	277.1
27.0	130.3	138.9	147.5	143.8	137.1	127.1	138.6	141.9	155.6	162.1
30.0	101.0	105.2	110.1	106.6	102.7	94.13	101.3	106.8	112.5	116.2
33.0	74.57	75.59	78.14	76.51	75.90	72.07	75.69	79.49	83.05	84.64
36.0	60.62	61.15	62.69	62.62	61.67	58.32	61.09	63.97	65.32	65.89
39.0	51.04	51.37	52.46	52.47	51.61	48.69	51.69	54.01	54.95	55.31
42.0	44.34	44.54	45.62	45.87	44.73	42.03	44.94	46.66	47.27	47.55
45.0	39.37	39.78	40.85	41.19	40.05	37.57	40.29	41.60	41.97	42.40
48.0	34.76	35.59	36.75	36.89	35.97	33.67	36.02	37.19	37.45	37.88
51.0	29.99	30.99	32.21	32.13	31.19	29.10	30.80	31.71	32.43	33.19
54.0	25.93	26.87	27.96	27.74	27.01	25.48	26.56	27.17	27.98	28.72
57.0	21.68	22.44	23.34	23.12	22.73	21.86	22.45	22.84	23.58	24.27
60.0	17.01	17.56	18.33	18.17	18.16	17.75	18.18	18.37	19.07	19.53
63.0	11.93	12.38	12.95	12.94	13.19	13.11	13.50	13.65	14.30	14.65
66.0	7.169	7.449	7.906	7.939	8.258	8.269	8.621	8.746	9.312	9.567
69.0	3.314	3.500	3.789	3.777	4.082	4.127	4.449	4.589	5.052	5.247
72.0	0.6210	0.7295	0.8844	0.8476	1.021	1.106	1.310	1.448	1.765	1.903
75.0	0.2190	0.2032	0.1966	0.2169	0.1987	0.2217	0.2205	0.2485	0.2704	0.2990
78.0	0.1642	0.1442	0.1420	0.1641	0.1419	0.1641	0.1464	0.1751	0.1594	0.1838
81.0	0.1204	0.1005	0.1026	0.1203	0.0983	0.1247	0.1027	0.1313	0.1114	0.1357
84.0	0.0898	0.0699	0.0743	0.0941	0.0699	0.0941	0.0721	0.0985	0.0765	0.1007
87.0	0.0700	0.0656	0.0700	0.0766	0.0678	0.0744	0.0634	0.0766	0.0656	0.0810
90.0	0.0678	0.0678	0.0700	0.0700	0.0678	0.0678	0.0656	0.0656	0.0634	0.0656
G/C	300.0	315.0	330.0	345.0						
0.0	9395	9400	9390	9399						
3.0	9351	9370	9398	9402						
6.0	8882	8881	8931	8899						
9.0	7759	7762	7842	7768						
12.0	5826	5862	6011	5933						
15.0	3477	3517	3711	3650						
18.0	1678	1703	1825	1808						
21.0	694.0	719.0	781.6	792.2						

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	304.0	314.3	338.6	344.5
27.0	167.3	168.1	174.8	177.1
30.0	117.7	116.1	117.5	119.5
33.0	86.92	87.21	87.22	86.54
36.0	67.20	67.63	68.20	67.53
39.0	56.13	55.90	57.01	56.36
42.0	47.76	47.04	48.68	48.28
45.0	42.07	41.29	43.28	43.08
48.0	37.90	37.34	38.50	38.47
51.0	33.72	33.33	33.47	33.40
54.0	29.53	29.17	28.71	28.61
57.0	25.09	24.88	24.37	24.29
60.0	20.38	20.14	19.88	19.67
63.0	15.28	15.09	14.95	14.67
66.0	10.13	9.893	9.860	9.513
69.0	5.679	5.551	5.597	5.308
72.0	2.195	2.186	2.267	2.074
75.0	0.3659	0.3846	0.4116	0.3689
78.0	0.1682	0.1948	0.1769	0.2013
81.0	0.1179	0.1444	0.1310	0.1532
84.0	0.0851	0.1094	0.0938	0.1203
87.0	0.0677	0.0875	0.0722	0.0963
90.0	0.0634	0.0700	0.0722	0.0809

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: