

LED Tracklight PURE Art-15W-940-24D

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Light Output Ratio:	100.0%	
Luminaire Power:	15.26 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

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C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-08-30

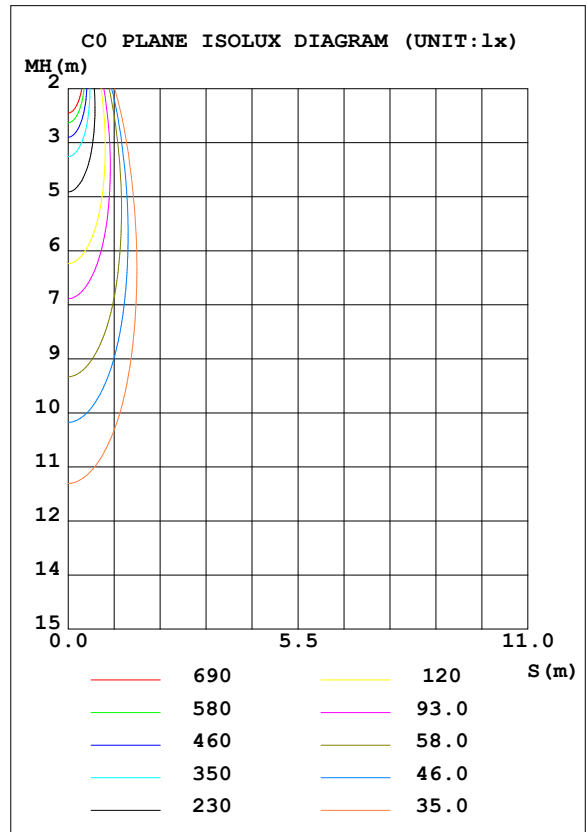
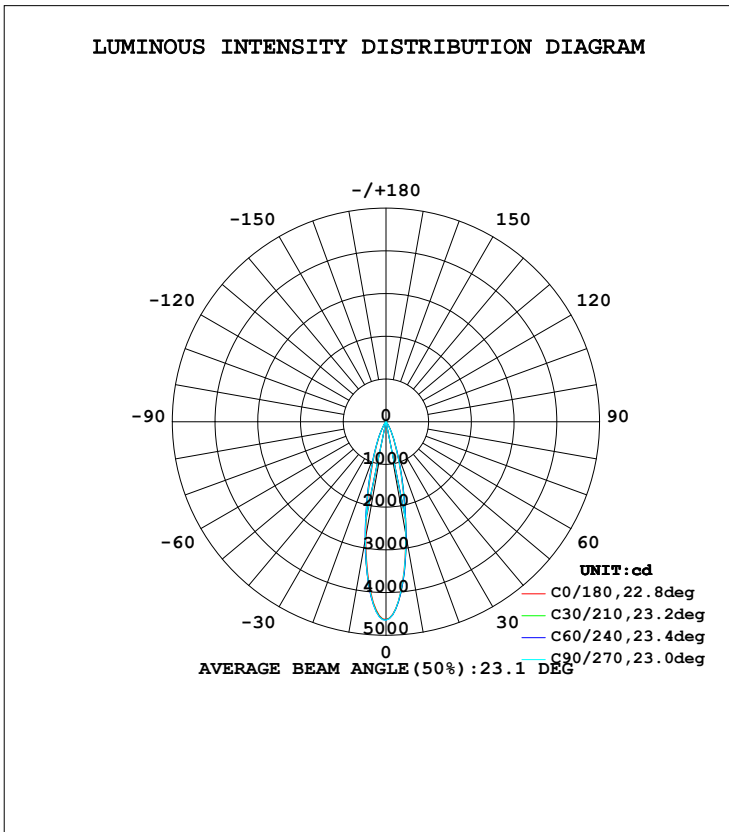
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.0722A P:15.26W PF:0.9574 Lamp Flux:1026.98x1 lm		
NAME: PURE Art-15W-940-24D	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ55mm*H150mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.31 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	4651	S/MH (C0/180)	0.39
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.40
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1027.0	η UP, DN (C0-180)	0.0, 49.4
NOMINAL FLUX (lm)	1026.98	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.6
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  
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 Temperature: 25.3DEG  
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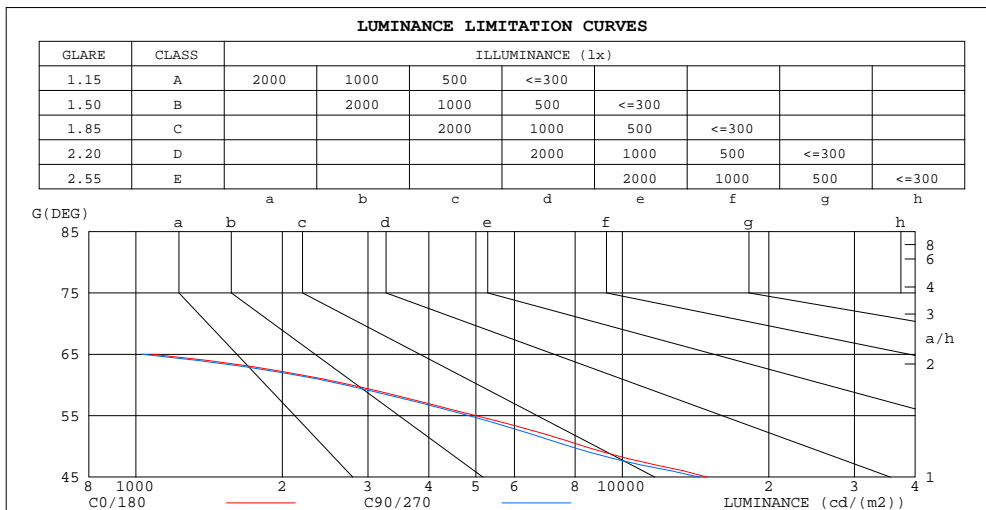
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**GONIOPHOTOMETERS SYSTEM TEST REPORT**

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\#lum, lamp$
10	2660	2765	2675	2641	2728	2779	2790	2682	0- 10	341.3	341.3	33.2,33.2
20	731.1	802.8	755.2	704.1	752.4	811.7	808.7	726.4	10- 20	420.3	761.6	74.2,74.2
30	181.0	191.7	171.6	165.6	178.6	178.4	173.8	170.9	20- 30	183.2	944.8	92,92
40	45.90	46.92	43.75	42.73	43.75	43.57	43.59	42.85	30- 40	55.63	1000	97.4,97.4
50	12.76	12.36	11.91	11.82	11.68	12.19	12.27	11.46	40- 50	19.14	1020	99.3,99.3
60	3.290	3.435	3.200	3.031	2.778	3.098	2.976	2.881	50- 60	6.017	1026	99.9,99.9
70	0.2495	0.2622	0.2714	0.2162	0.1834	0.2123	0.2206	0.2429	60- 70	1.192	1027	100,100
80	0.1029	0.0939	0.1073	0.0699	0.0589	0.0810	0.0743	0.0963	70- 80	0.1560	1027	100,100
90	0.0394	0.0372	0.0394	0.0372	0.0262	0.0262	0.0262	0.0262	80- 90	0.0580	1027	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	317	328
80	249	260
75	264	288
70	307	334
65	1076	1028
60	2771	2695
55	5004	4839
50	8360	7803
45	14922	14385

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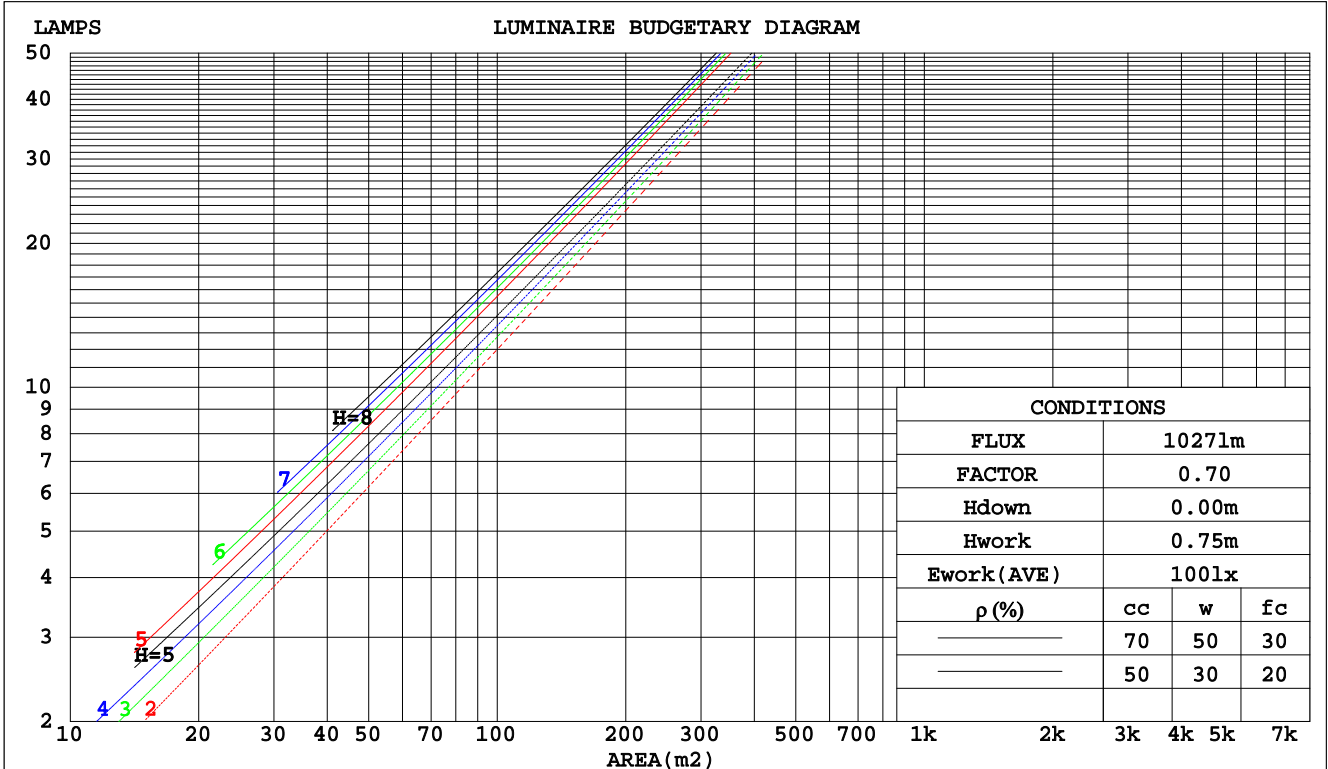
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:4000K	DIM.: φ55mm*H150mm	
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	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2.0	1.07	1.04	1.01	1.05	1.03	1.00	1.02	1.00	.98	.99	.98	.96	.97	.95	.94	.93
3.0	1.02	.98	.95	1.01	.97	.95	.98	.96	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86
5.0	.94	.90	.87	.93	.89	.86	.92	.88	.85	.90	.87	.85	.89	.86	.84	.83
6.0	.91	.86	.83	.90	.86	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
7.0	.87	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.79	.77
8.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.77	.75	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.74	.73
10.0	.79	.75	.72	.79	.75	.72	.78	.75	.72	.78	.74	.72	.77	.74	.72	.71



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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	.142	.080	.026	.135	.077	.024	.123	.070	.022	.111	.064	.021	.101	.058	.019	
2.0	.132	.072	.022	.127	.070	.021	.116	.065	.020	.107	.060	.019	.098	.055	.017	
3.0	.124	.066	.020	.119	.064	.019	.110	.060	.018	.103	.056	.017	.095	.053	.016	
4.0	.116	.060	.018	.112	.059	.017	.105	.056	.017	.098	.053	.016	.092	.050	.015	
5.0	.110	.056	.016	.106	.055	.016	.100	.052	.015	.094	.050	.015	.089	.048	.014	
6.0	.104	.052	.015	.101	.051	.015	.096	.049	.014	.091	.047	.014	.086	.045	.013	
7.0	.099	.049	.014	.096	.048	.014	.092	.046	.013	.087	.045	.013	.083	.043	.013	
8.0	.094	.046	.013	.092	.045	.013	.088	.044	.013	.084	.043	.012	.081	.041	.012	
9.0	.090	.044	.012	.088	.043	.012	.085	.042	.012	.081	.041	.012	.078	.040	.011	
10.0	.086	.041	.011	.085	.041	.011	.081	.040	.011	.078	.039	.011	.076	.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	.101	.089	.079	.071	.051	.046	.041	.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	.098	.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	.098	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.079	.053	.035	.054	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.055	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

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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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0722A P:15.26W PF:0.9574 Lamp Flux:1026.98x1 lm		
NAME: PURE Art-15W-940-24D	TYPE:Tracklight	SERIAL No.:
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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	13.2	13.9	13.4	14.0	14.2	12.8	13.5	13.0	13.7	13.8
3H	13.0	13.7	13.3	13.9	14.1	12.7	13.3	12.9	13.5	13.7
4H	13.0	13.6	13.2	13.8	14.0	12.6	13.2	12.9	13.4	13.6
6H	12.9	13.5	13.2	13.7	13.9	12.5	13.1	12.8	13.3	13.6
8H	12.8	13.4	13.1	13.6	13.9	12.5	13.0	12.8	13.3	13.5
12H	12.8	13.3	13.1	13.6	13.9	12.4	13.0	12.7	13.2	13.5
4H 2H	13.0	13.6	13.3	13.8	14.0	12.7	13.3	12.9	13.5	13.7
3H	12.8	13.4	13.1	13.6	13.9	12.5	13.0	12.8	13.3	13.5
4H	12.7	13.2	13.1	13.5	13.8	12.4	12.9	12.7	13.2	13.5
6H	12.6	13.1	13.0	13.4	13.7	12.3	12.7	12.7	13.0	13.4
8H	12.6	13.0	13.0	13.3	13.7	12.2	12.6	12.6	13.0	13.3
12H	12.5	12.9	12.9	13.3	13.7	12.2	12.6	12.6	12.9	13.3
8H 4H	12.6	13.0	13.0	13.3	13.7	12.2	12.6	12.6	13.0	13.3
6H	12.5	12.8	12.9	13.2	13.6	12.1	12.5	12.5	12.8	13.3
8H	12.4	12.7	12.9	13.1	13.6	12.1	12.4	12.5	12.8	13.2
12H	12.4	12.6	12.8	13.0	13.5	12.0	12.3	12.5	12.7	13.2
12H 4H	12.5	12.9	12.9	13.3	13.7	12.2	12.5	12.6	12.9	13.3
6H	12.4	12.7	12.9	13.1	13.6	12.1	12.4	12.5	12.8	13.2
8H	12.4	12.6	12.8	13.0	13.5	12.0	12.3	12.5	12.7	13.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.8 / - 7.7					+ 2.7 / - 7.6				
1.5H	+ 4.3 / - 5.4					+ 4.2 / - 5.4				
2.0H	+ 5.1 / - 7.6					+ 5.3 / - 7.9				

CIE Pub.117 Corrected 1027 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

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γ Range: 0 - 90DEG  
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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
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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	90	84	81	89	84	80	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	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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ISOCANDELA DIAGRAM

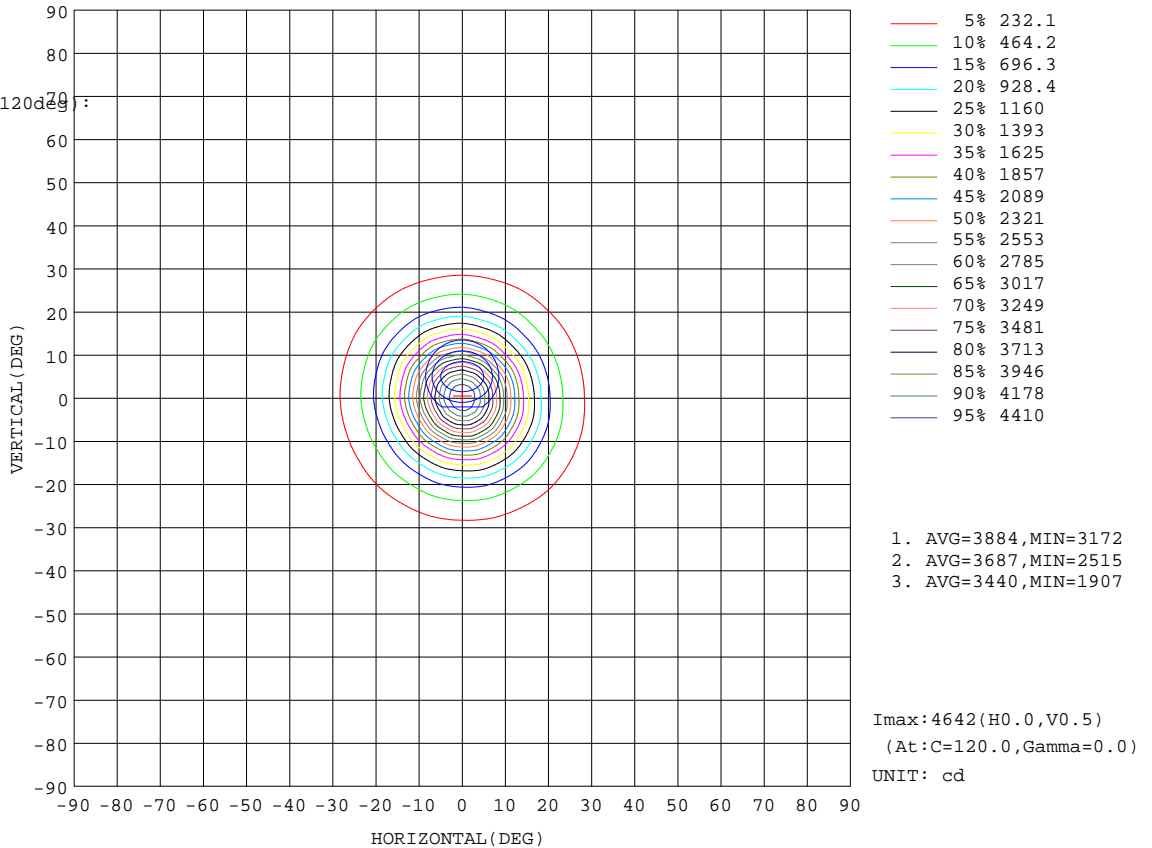
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Conical surface Flux(90deg):

1012.6 lm  
%lum = 98.6%  
%lamp = 98.6%

Conical surface Flux(120deg):

1025.6 lm  
%lum = 99.9%  
%lamp = 99.9%



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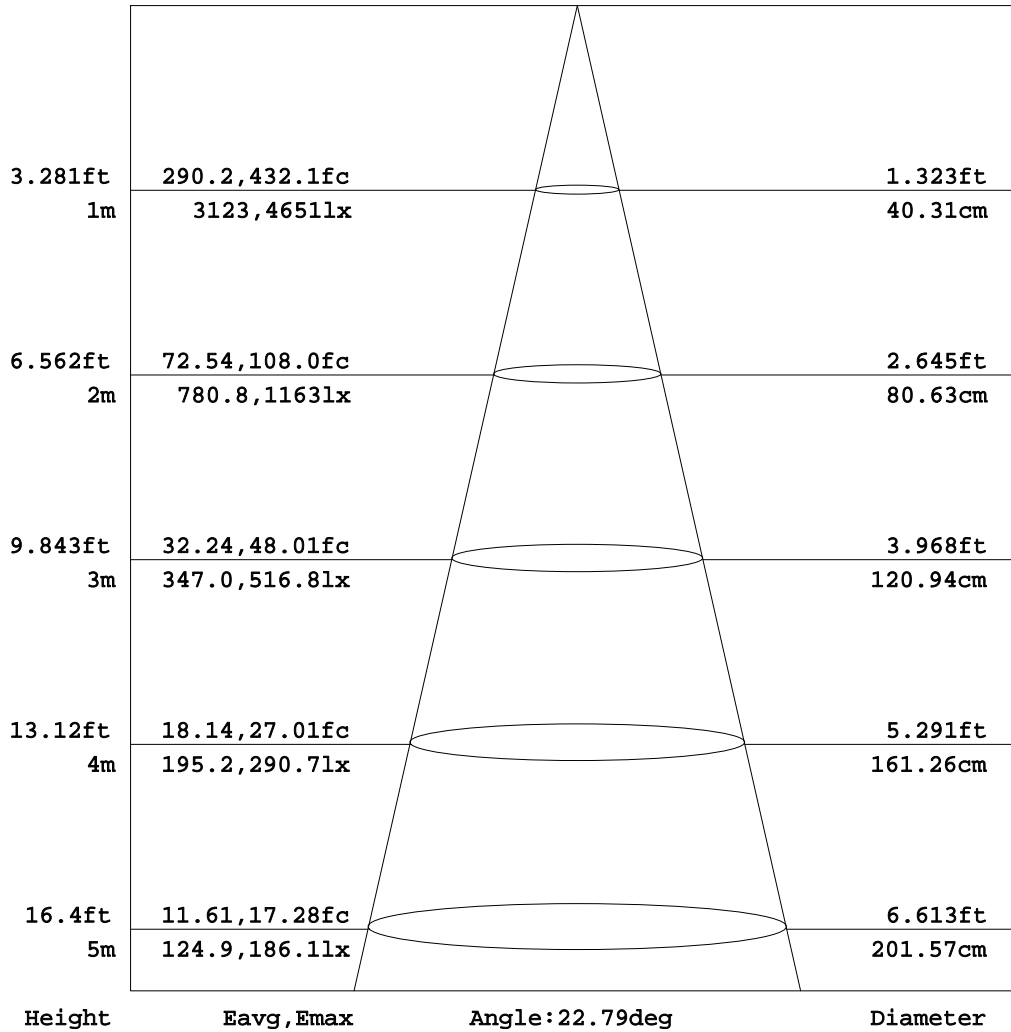


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AAI Figure

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Flux out:443.3 lm



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

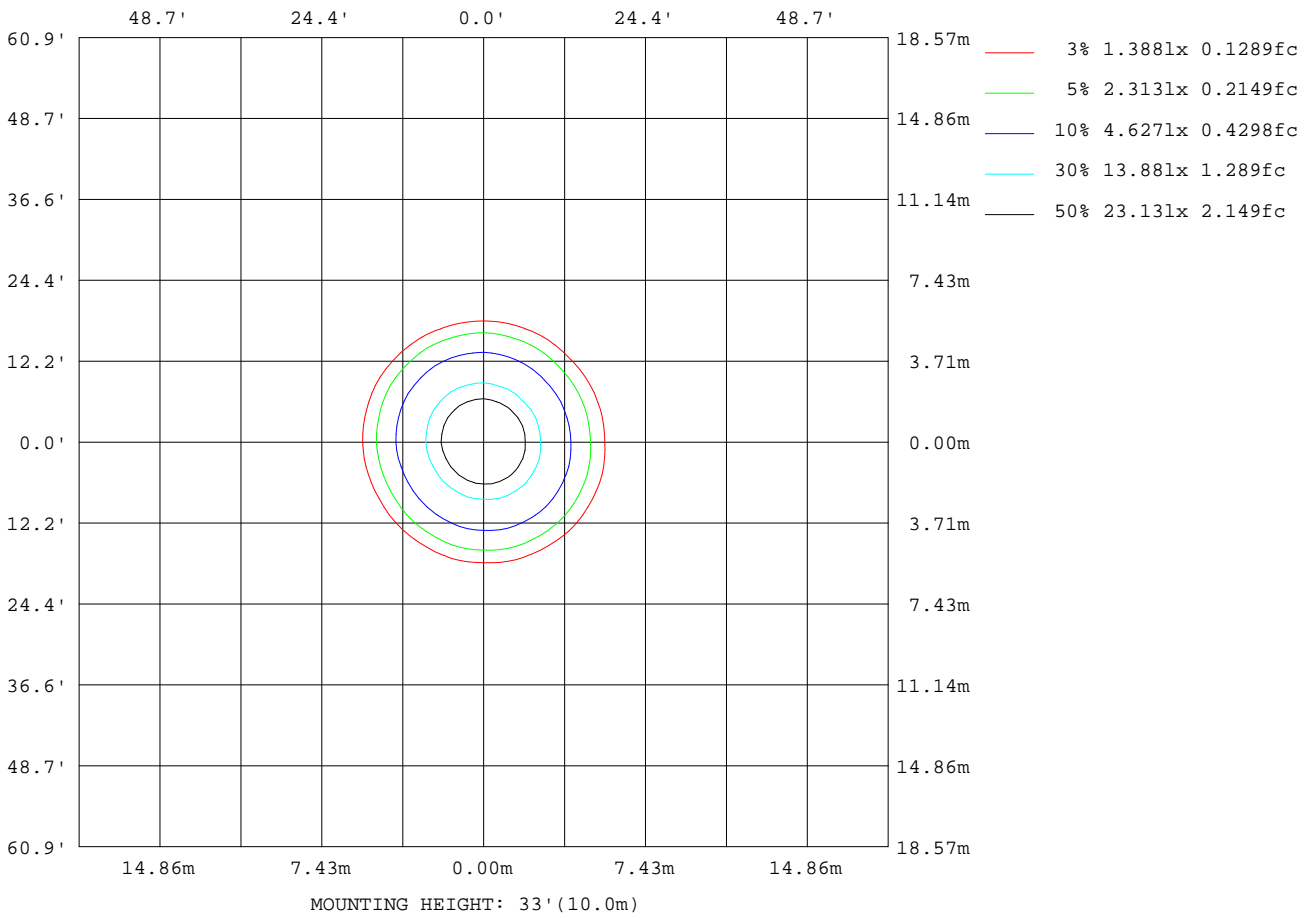
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ISOLUX DIAGRAM

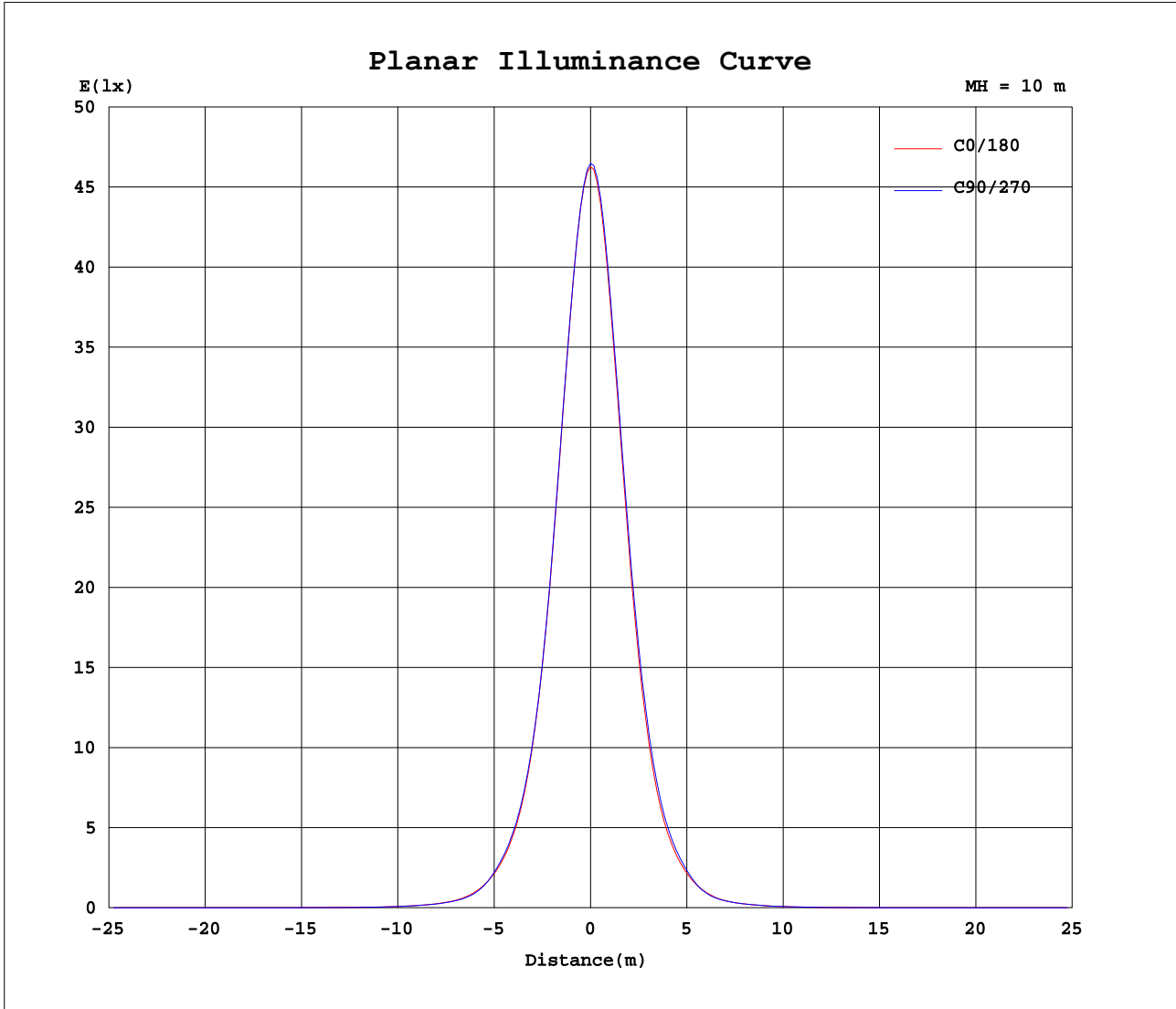
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Planar Illuminance Curve



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 Remarks:



GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0722A P:15.26W PF:0.9574 Lamp Flux:1026.98x1 lm		
NAME: PURE Art-15W-940-24D	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ55mm*H150mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4650	4651	4650	4648	4648														
5	4038	4056	4022	4050	4032														
10	2722	2733	2682	2713	2690														
15	1518	1513	1455	1489	1462														
20	768	758	726	732	725														
25	396	388	369	371	369														
30	172	175	171	179	180														
35	78.4	78.9	79.3	83.6	85.3														
40	42.7	43.1	42.8	44.6	45.5														
45	23.6	23.8	23.7	24.7	25.0														
50	11.7	11.5	11.5	12.1	12.5														
55	6.19	6.00	6.09	6.61	6.73														
60	2.74	2.63	2.88	3.24	3.31														
65	0.94	0.93	1.01	1.18	1.19														
70	0.24	0.22	0.24	0.22	0.24														
75	0.16	0.13	0.16	0.13	0.15														
80	0.09	0.07	0.10	0.07	0.09														
85	0.06	0.04	0.06	0.04	0.05														
90	0.03	0.03	0.03	0.02	0.03														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-08-30

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:

## GONIOPHOTOMETERS SYSTEM TEST REPORT

### 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	4627	4634	4637	4641	4643	4647	4648	4650	4651	4650
3.0	4375	4403	4391	4413	4396	4409	4381	4394	4371	4387
6.0	3752	3802	3792	3828	3795	3809	3756	3764	3721	3744
9.0	2939	3006	2994	3047	3004	3023	2956	2965	2903	2928
12.0	2126	2186	2183	2229	2193	2202	2139	2136	2083	2101
15.0	1460	1519	1520	1559	1530	1533	1471	1471	1410	1430
18.0	970.1	1020	1027	1057	1040	1039	990.9	975.0	931.2	933.0
21.0	635.5	667.8	678.0	700.3	689.9	690.0	659.7	649.8	620.3	615.8
24.0	424.0	446.2	453.0	467.5	460.7	463.2	446.3	442.0	419.5	413.5
27.0	281.1	297.5	301.9	310.4	301.6	302.3	288.8	286.2	270.7	268.3
30.0	181.0	189.9	190.0	191.7	182.0	179.5	171.6	171.6	165.0	165.6
33.0	114.8	117.6	117.1	117.2	111.5	108.9	106.4	106.5	103.2	104.0
36.0	75.13	77.22	76.23	76.54	74.05	73.05	70.88	70.62	68.97	68.99
39.0	51.90	53.07	52.67	52.96	51.30	50.84	49.43	49.52	48.11	48.03
42.0	35.76	36.39	36.35	36.64	35.38	35.19	34.38	34.54	33.74	33.79
45.0	25.06	25.62	25.30	25.47	24.52	24.49	24.15	24.44	23.91	23.83
48.0	16.31	16.68	16.23	16.02	15.18	15.21	15.23	15.61	15.22	15.20
51.0	11.39	11.67	11.26	10.96	10.43	10.47	10.63	10.96	10.58	10.47
54.0	7.832	8.056	7.776	7.661	7.331	7.408	7.482	7.665	7.327	7.228
57.0	5.149	5.299	5.240	5.214	4.988	5.039	5.019	4.970	4.731	4.744
60.0	3.290	3.397	3.403	3.435	3.259	3.277	3.200	3.076	2.961	3.031
63.0	1.870	1.964	1.975	1.992	1.820	1.856	1.796	1.750	1.675	1.736
66.0	0.7104	0.8000	0.7804	0.7805	0.6465	0.7021	0.7056	0.7172	0.6180	0.6539
69.0	0.2736	0.2621	0.2955	0.2862	0.3108	0.2906	0.2977	0.2709	0.2758	0.2403
72.0	0.2080	0.2010	0.2276	0.2141	0.2408	0.2163	0.2277	0.1988	0.2079	0.1704
75.0	0.1620	0.1486	0.1773	0.1638	0.1861	0.1660	0.1773	0.1442	0.1576	0.1245
78.0	0.1248	0.1071	0.1335	0.1158	0.1401	0.1201	0.1335	0.1070	0.1204	0.0852
81.0	0.0941	0.0765	0.1007	0.0786	0.1029	0.0808	0.0985	0.0764	0.0876	0.0612
84.0	0.0722	0.0503	0.0744	0.0524	0.0766	0.0567	0.0723	0.0524	0.0700	0.0437
87.0	0.0526	0.0372	0.0547	0.0372	0.0526	0.0394	0.0591	0.0394	0.0503	0.0372
90.0	0.0394	0.0372	0.0394	0.0372	0.0372	0.0372	0.0394	0.0372	0.0372	0.0372
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	4648	4648	4627	4634	4637	4641	4643	4647	4648	4650
3.0	4368	4393	4410	4407	4436	4426	4449	4435	4449	4424
6.0	3711	3751	3801	3794	3847	3834	3869	3832	3848	3800
9.0	2888	2939	3004	3000	3070	3049	3092	3044	3062	2998
12.0	2071	2118	2191	2200	2266	2257	2298	2257	2261	2197
15.0	1394	1449	1511	1525	1592	1587	1626	1585	1585	1518
18.0	914.2	944.5	1001	1022	1074	1074	1101	1073	1066	1013
21.0	608.1	618.2	653.5	667.6	704.2	705.7	726.0	707.6	703.6	670.9
24.0	402.5	412.5	433.2	442.0	465.3	467.5	480.3	471.0	471.6	452.6
27.0	259.7	267.8	283.5	288.8	304.3	303.8	309.7	302.2	304.5	294.1
30.0	164.7	170.8	178.6	177.7	185.5	178.4	177.5	169.7	173.8	171.5
33.0	104.3	105.8	109.5	107.5	108.3	106.1	104.2	101.4	104.0	104.2
36.0	67.74	68.58	70.89	70.19	70.94	69.61	70.58	69.33	70.02	68.78
39.0	47.06	47.85	49.40	48.75	49.63	48.98	49.51	48.77	49.29	48.09
42.0	32.96	33.41	33.99	33.59	34.50	34.11	34.12	33.50	33.79	33.28
45.0	23.05	23.18	23.64	23.50	24.14	23.91	23.87	23.62	23.99	23.65
48.0	14.60	14.70	15.21	15.24	15.84	15.64	15.49	15.36	15.70	15.19
51.0	9.953	9.821	10.24	10.37	10.80	10.82	10.61	10.72	10.94	10.37
54.0	6.891	6.680	6.826	6.942	7.400	7.458	7.312	7.463	7.640	7.132
57.0	4.579	4.388	4.390	4.477	4.868	4.910	4.744	4.830	4.937	4.528
60.0	2.954	2.865	2.778	2.754	3.023	3.098	2.964	2.951	2.976	2.743
63.0	1.704	1.700	1.605	1.560	1.709	1.725	1.648	1.628	1.657	1.562
66.0	0.6377	0.6516	0.6031	0.5994	0.6945	0.6389	0.6229	0.6300	0.7167	0.6757
69.0	0.2452	0.2140	0.2074	0.2232	0.2097	0.2364	0.2250	0.2582	0.2489	0.2670
72.0	0.1795	0.1529	0.1441	0.1663	0.1464	0.1773	0.1681	0.1969	0.1791	0.1992
75.0	0.1357	0.1070	0.1005	0.1247	0.1070	0.1313	0.1201	0.1510	0.1332	0.1553
78.0	0.1007	0.0765	0.0699	0.0919	0.0721	0.1007	0.0852	0.1138	0.0939	0.1181
81.0	0.0788	0.0589	0.0481	0.0722	0.0481	0.0744	0.0590	0.0875	0.0677	0.0875
84.0	0.0634	0.0393	0.0350	0.0504	0.0393	0.0569	0.0393	0.0635	0.0459	0.0700
87.0	0.0503	0.0372	0.0306	0.0415	0.0328	0.0394	0.0349	0.0438	0.0349	0.0482
90.0	0.0372	0.0372	0.0262	0.0262	0.0241	0.0262	0.0241	0.0262	0.0262	0.0262
G/C	300.0	315.0	330.0	345.0						
0.0	4651	4650	4648	4648						
3.0	4437	4413	4428	4414						
6.0	3818	3782	3813	3791						
9.0	3013	2963	2996	2972						
12.0	2194	2143	2168	2148						
15.0	1513	1455	1489	1462						
18.0	1003	964.5	972.8	962.3						
21.0	660.4	632.2	636.1	630.7						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-08-30

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	443.9	423.3	425.0	421.5
27.0	289.9	276.3	279.4	279.2
30.0	175.1	170.9	178.7	180.1
33.0	104.9	105.7	112.2	114.9
36.0	69.52	69.50	72.74	74.08
39.0	48.63	48.08	50.14	51.16
42.0	33.87	33.74	35.14	35.82
45.0	23.85	23.73	24.70	25.01
48.0	15.11	15.04	15.87	16.17
51.0	10.10	10.09	10.74	11.12
54.0	6.898	6.963	7.475	7.682
57.0	4.368	4.552	5.030	5.131
60.0	2.634	2.881	3.237	3.310
63.0	1.535	1.707	1.939	1.978
66.0	0.6601	0.7023	0.8472	0.8275
69.0	0.2511	0.2692	0.2467	0.2649
72.0	0.1791	0.1992	0.1747	0.2013
75.0	0.1289	0.1553	0.1288	0.1532
78.0	0.0961	0.1138	0.0939	0.1160
81.0	0.0677	0.0854	0.0655	0.0832
84.0	0.0458	0.0656	0.0415	0.0635
87.0	0.0371	0.0460	0.0349	0.0460
90.0	0.0262	0.0262	0.0241	0.0262

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-08-30

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: