

LED Downlight TAKEO Series LE-
T150-18W-830-30



Light Output Ratio:	100.0%	
Luminaire Power:	17.45 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: 2018-01-22

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:

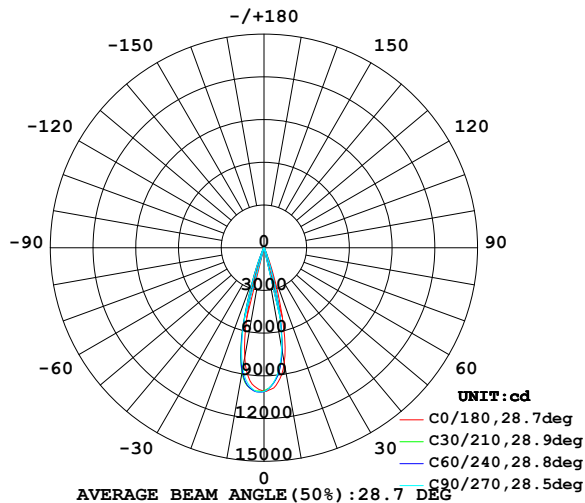
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

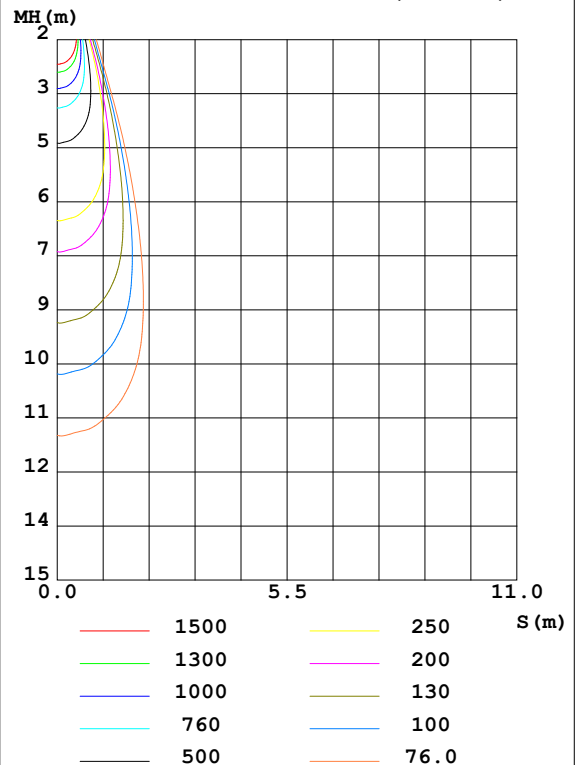
Test:U:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2389.75x1 lm		
NAME: T150-18W-830-30	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 160mm*H100mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.95 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	10153	S/MH (C0/180)	0.42
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.46
RATED VOLTAGE (V)	36	TOTAL FLUX (lm)	2389.8	η UP,DN (C0-180)	0.0,45.9
NOMINAL FLUX (lm)	2389.75	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,54.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	34.9	η down (%)	100.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2018-01-22

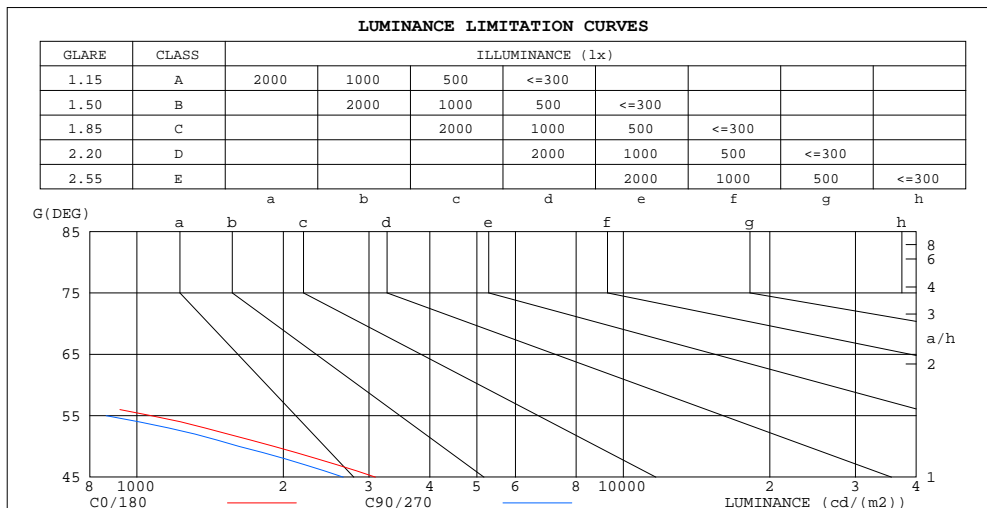
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	820.8	751.1	716.0	748.5	782.4	880.8	858.6	817.3	0- 10	868.4	868.4	36.3,36.3
20	162.5	99.56	91.57	105.2	114.0	178.7	183.7	156.5	10- 20	1193	2062	86.3,86.3
30	19.36	16.43	16.38	16.50	16.80	19.39	19.39	18.31	20- 30	213.3	2275	95.2,95.2
40	7.401	6.340	6.320	6.620	6.535	7.541	7.189	6.913	30- 40	69.65	2344	98.1,98.1
50	2.473	2.116	2.095	2.148	1.960	2.348	2.361	2.217	40- 50	32.30	2377	99.5,99.5
60	0.4672	0.3978	0.4110	0.3900	0.3304	0.4209	0.4180	0.3848	50- 60	10.09	2387	99.9,99.9
70	0.1220	0.1146	0.1161	0.1066	0.0950	0.1162	0.1161	0.1011	60- 70	2.226	2389	100,100
80	0.0208	0.0103	0.0114	0.0107	0.0102	0.0136	0.0094	0.0123	70- 80	0.5465	2390	100,100
90	0.0090	0.0090	0.0090	0.0087	0.0074	0.0072	0.0074	0.0074	80- 90	0.0963	2390	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		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	56	54
80	60	33
75	115	84
70	177	169
65	268	270
60	465	409
55	1070	865
50	1915	1622
45	3093	2656

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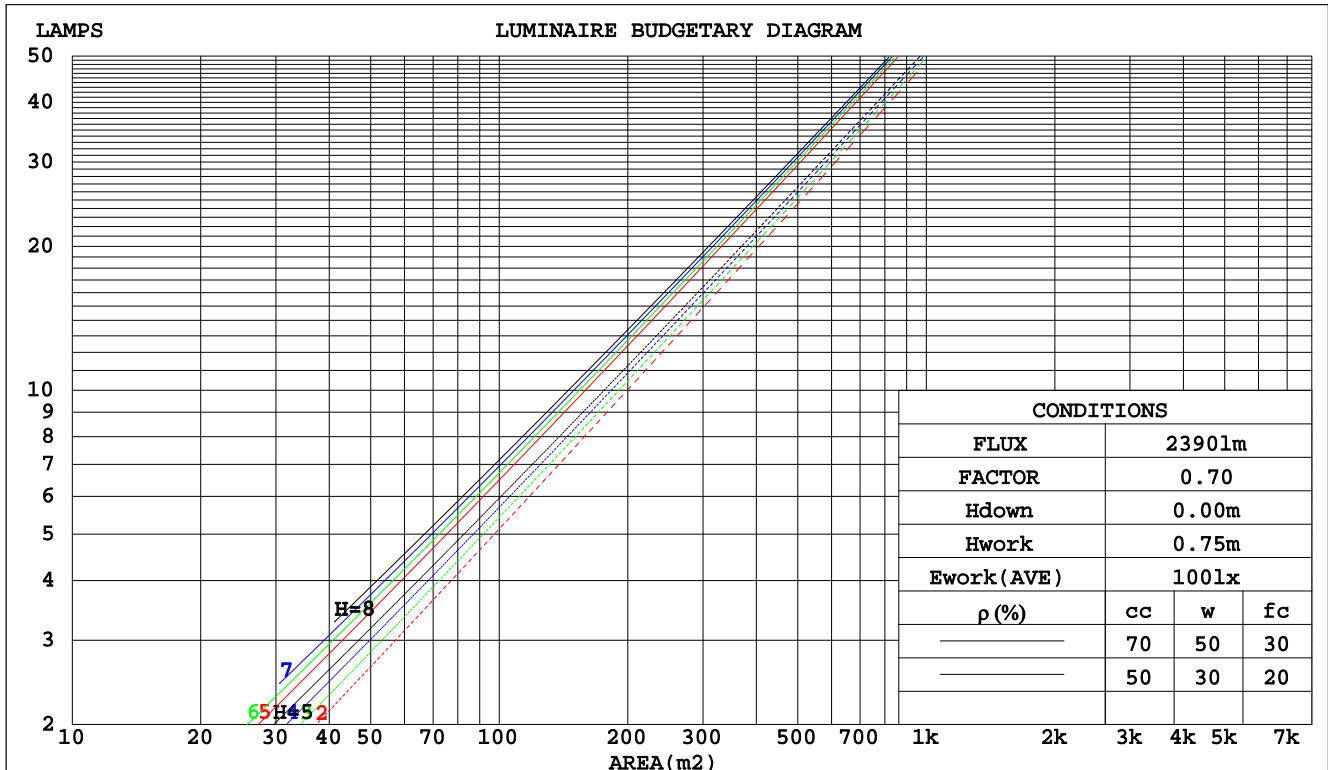
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2389.75x1 lm		
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SPEC.:3000K	DIM.: ϕ 160mm*H100mm	
MFR.:		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
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	1.00
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94
3.0	1.04	1.00	.97	1.02	.99	.96	.00	.97	.95	.98	.95	.94	.95	.94	.92	.91
4.0	.00	.96	.93	.99	.95	.92	.97	.94	.91	.95	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.92	.89	.94	.91	.88	.92	.90	.87	.91	.89	.87	.86
6.0	.93	.89	.86	.92	.89	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.83
7.0	.90	.86	.83	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.85	.82	.80	.79
9.0	.85	.81	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.83	.80	.78	.77
10.0	.83	.79	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75



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WEC AND CCEC

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ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.134	.076	.024	.127	.073	.023	.115	.066	.021	.104	.060	.019	.093	.054	.017	
2.0	.124	.068	.021	.118	.065	.020	.108	.060	.019	.099	.055	.017	.090	.051	.016	
3.0	.115	.061	.018	.111	.059	.018	.102	.055	.017	.094	.052	.016	.087	.048	.015	
4.0	.108	.056	.016	.104	.054	.016	.097	.051	.015	.090	.048	.015	.084	.046	.014	
5.0	.101	.052	.015	.098	.050	.015	.092	.048	.014	.086	.046	.014	.081	.043	.013	
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012	
7.0	.091	.045	.013	.088	.044	.013	.084	.042	.012	.080	.041	.012	.076	.039	.012	
8.0	.086	.042	.012	.084	.042	.012	.080	.040	.011	.077	.039	.011	.073	.038	.011	
9.0	.083	.040	.011	.081	.039	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010	
10.0	.079	.038	.011	.078	.037	.010	.074	.036	.010	.071	.035	.010	.069	.035	.010	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.135	.113	.096	.115	.098	.083	.079	.068	.059	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.095	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.052	.037	.026	.031	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.067	.043	.028	.046	.030	.020	.027	.018	.012	.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:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2389.75x1 lm		
NAME: T150-18W-830-30	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 160mm*H100mm	
MFR.:		

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	5.1	5.8	5.3	5.9	6.1	4.4	5.0	4.6	5.2	5.3
3H	5.0	5.6	5.3	5.8	6.0	4.3	4.9	4.5	5.0	5.2
4H	4.9	5.5	5.2	5.7	5.9	4.2	4.8	4.5	5.0	5.2
6H	4.9	5.4	5.1	5.6	5.9	4.1	4.6	4.4	4.9	5.1
8H	4.8	5.3	5.1	5.6	5.8	4.1	4.6	4.4	4.8	5.1
12H	4.8	5.3	5.1	5.5	5.8	4.0	4.5	4.3	4.8	5.0
4H 2H	5.0	5.5	5.2	5.7	5.9	4.2	4.8	4.5	5.0	5.2
3H	4.8	5.3	5.1	5.6	5.8	4.1	4.6	4.4	4.8	5.1
4H	4.7	5.2	5.1	5.5	5.8	4.0	4.5	4.3	4.7	5.0
6H	4.6	5.0	5.0	5.4	5.7	3.9	4.3	4.3	4.6	5.0
8H	4.6	5.0	5.0	5.3	5.7	3.9	4.2	4.2	4.6	4.9
12H	4.5	4.9	4.9	5.2	5.6	3.8	4.1	4.2	4.5	4.9
8H 4H	4.6	5.0	5.0	5.3	5.7	3.9	4.2	4.2	4.6	4.9
6H	4.5	4.8	4.9	5.2	5.6	3.7	4.1	4.2	4.4	4.9
8H	4.4	4.7	4.9	5.1	5.5	3.7	4.0	4.1	4.4	4.8
12H	4.4	4.6	4.8	5.0	5.5	3.6	3.9	4.1	4.3	4.8
12H 4H	4.5	4.9	4.9	5.2	5.6	3.8	4.1	4.2	4.5	4.9
6H	4.4	4.7	4.9	5.1	5.5	3.7	4.0	4.1	4.4	4.8
8H	4.4	4.6	4.8	5.0	5.5	3.6	3.9	4.1	4.3	4.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / - 6.8					+ 2.5 / - 7.3				
1.5H	+ 3.7 / - 5.7					+ 3.5 / - 5.1				
2.0H	+ 5.3 / - 8.4					+ 5.0 / - 7.2				

CIE Pub.117 Corrected 2390 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

C Range: 0 - 360DEG
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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

UTILIZATION FACTORS TABLE

Test:U:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2389.75x1 lm		
NAME: T150-18W-830-30	TYPE:Downlight	SERIAL No.:
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MFR.:		

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	100	96	93	99	95	92	89
1.25	105	100	97	104	100	97	102	98	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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ISOCANDELA DIAGRAM

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Conical surface Flux(90deg):

2364.4 lm

%lum = 98.9%

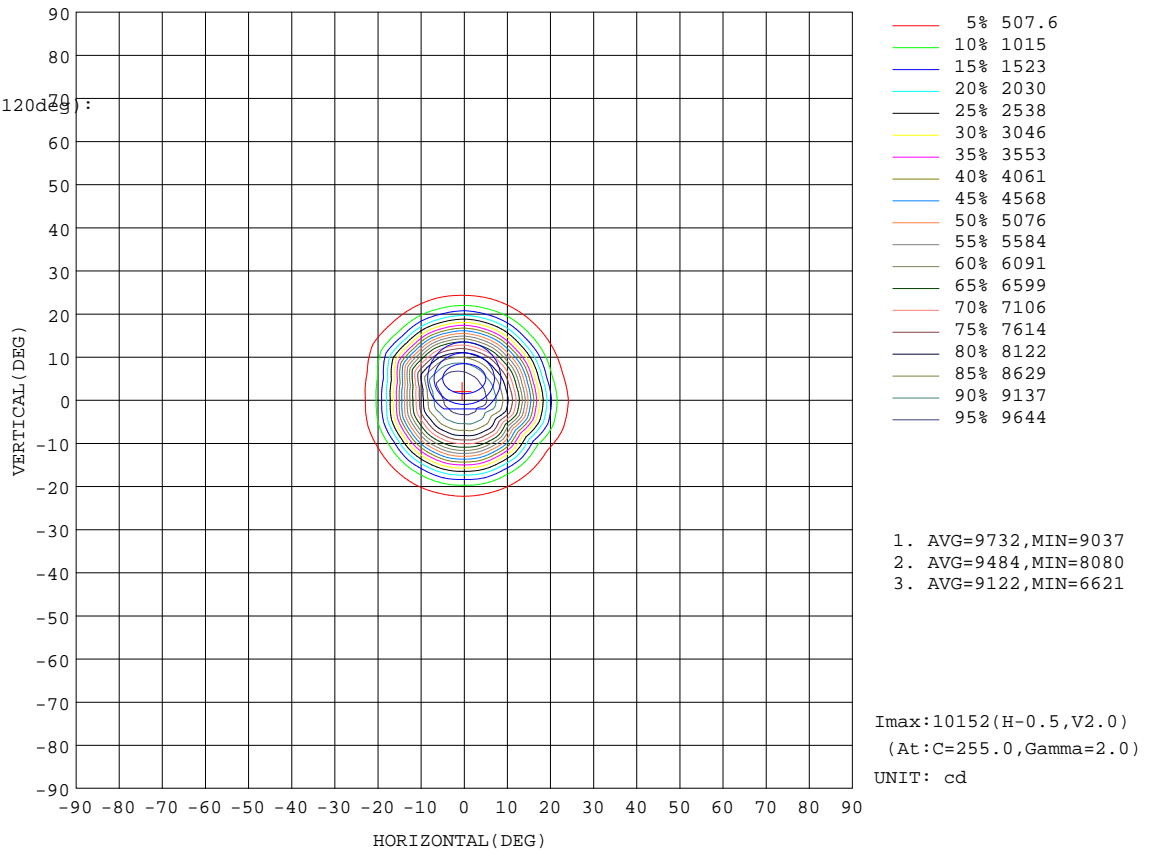
%lamp = 98.9%

Conical surface Flux(120deg):

2386.9 lm

%lum = 99.9%

%lamp = 99.9%



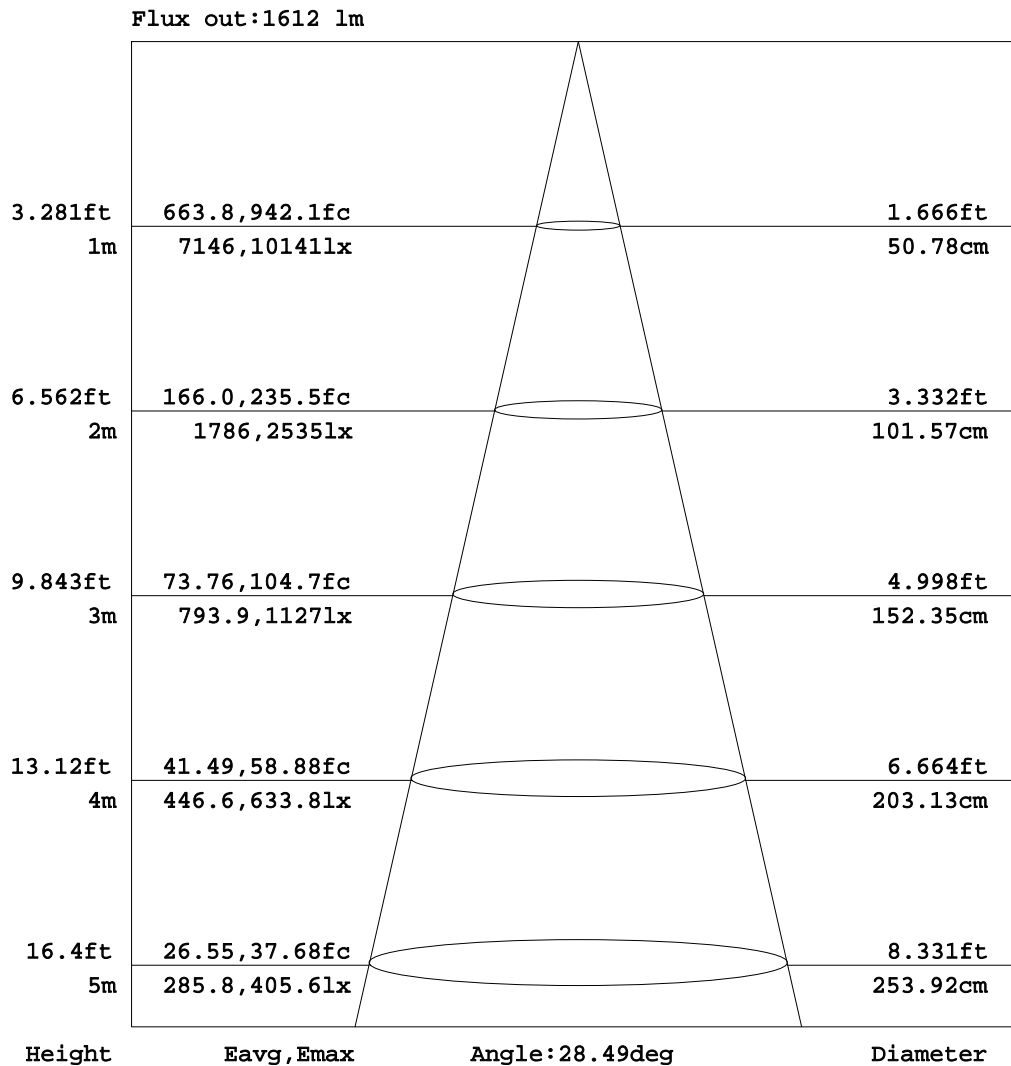
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AAI Figure

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

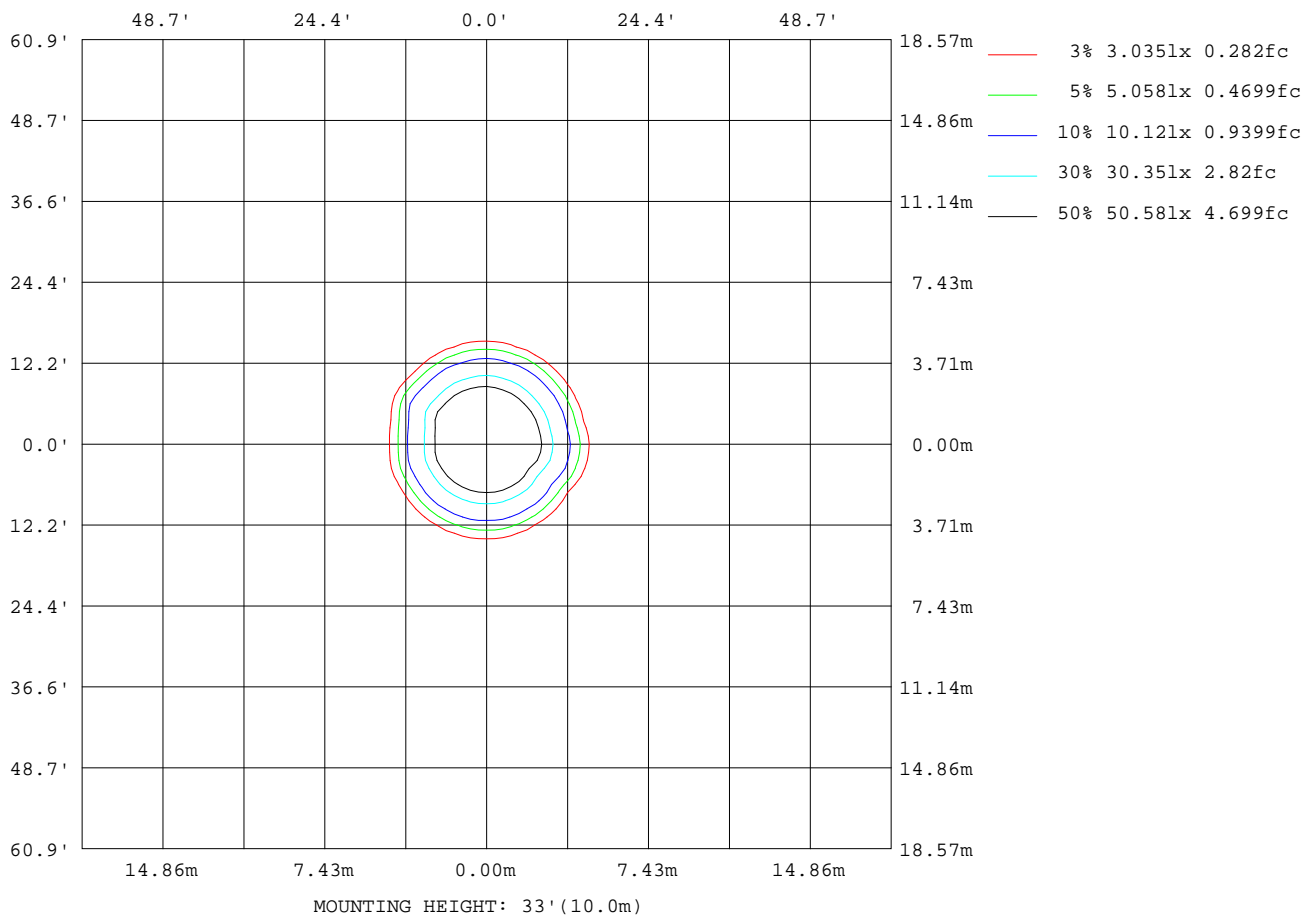
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ISOLUX DIAGRAM

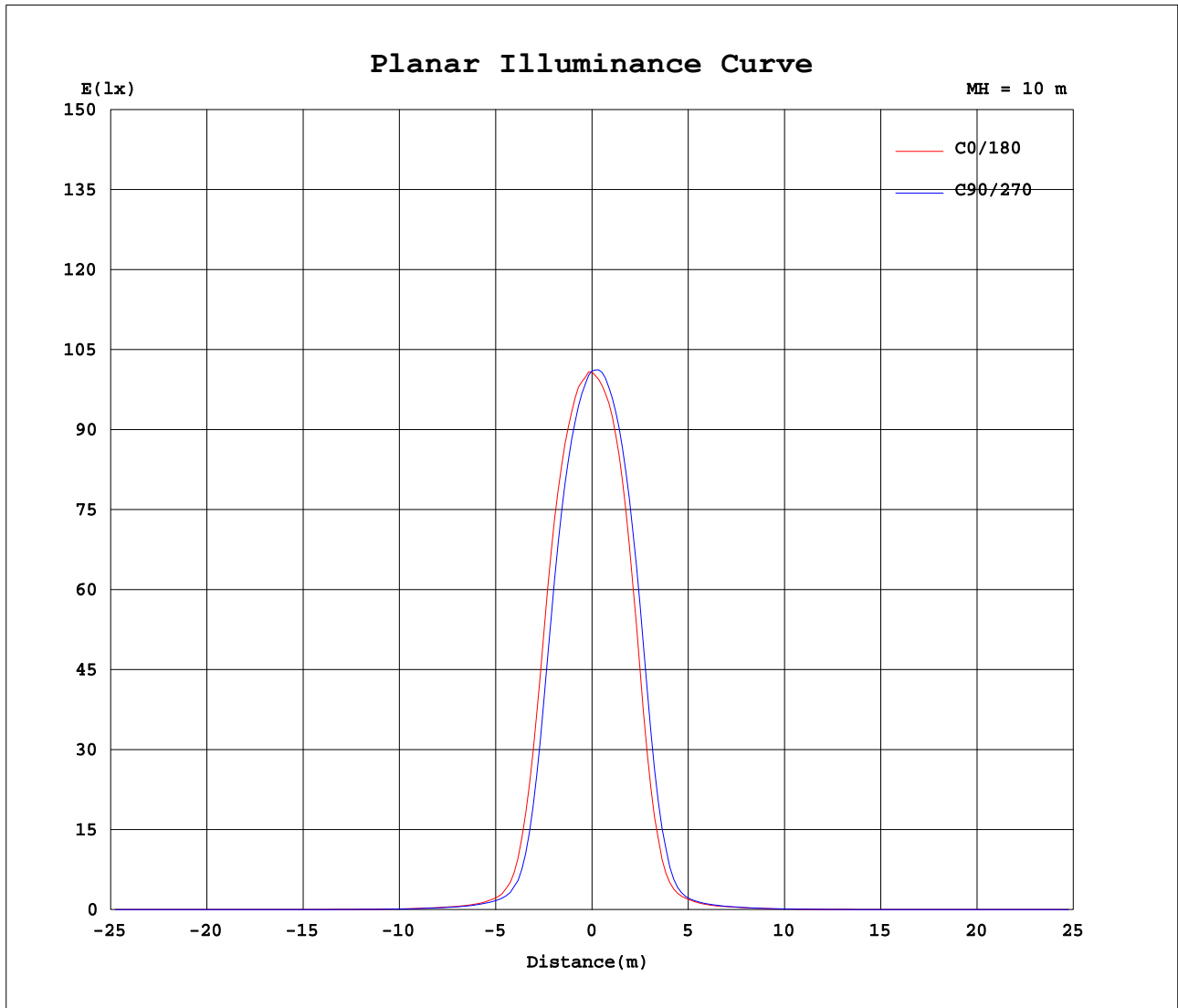
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:3000K	DIM.: φ160mm*H100mm	
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Table--1

UNIT: $\times 10 \text{cd}$ [illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
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Operators: Meng Yongjian
Test Date: 2018-01-22

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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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2389.75x1 lm		
NAME: T150-18W-830-30	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: φ160mm*H100mm	
MFR.:		

Table--2

UNIT: $\times 10\text{cd}$ [illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-22

```

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	10080	10077	10053	10091	10104	10115	10099	10084	10078	10081
3.0	9938	9921	9716	9768	9731	9735	9710	9718	9741	9792
6.0	9489	9419	9040	9143	9080	9057	8968	9022	9055	9164
9.0	8621	8546	7855	8062	7887	7856	7724	7803	7842	8032
12.0	7149	6991	5878	6147	5923	5902	5830	5916	5986	6201
15.0	4913	4727	3586	3823	3621	3629	3544	3667	3740	3960
18.0	2731	2595	1762	1882	1747	1757	1691	1775	1817	1943
21.0	1193	1128	702.2	733.8	688.9	704.6	675.8	712.4	727.7	774.7
24.0	527.3	478.7	347.9	354.0	342.2	348.4	342.2	352.4	358.0	371.2
27.0	293.1	281.1	226.9	228.0	223.3	225.9	225.4	230.3	231.5	241.3
30.0	193.6	189.7	162.6	164.3	162.0	164.6	163.8	166.9	163.0	165.0
33.0	138.5	138.2	118.2	118.0	116.6	115.9	117.3	120.9	118.5	119.1
36.0	105.4	103.6	92.44	92.25	91.20	91.11	92.08	94.97	94.62	94.97
39.0	81.61	80.81	70.32	69.81	69.56	69.35	70.35	73.18	72.54	73.37
42.0	61.41	60.77	53.29	53.02	52.48	52.31	53.06	54.81	54.03	54.61
45.0	43.95	43.90	38.25	38.05	37.52	37.62	37.74	39.03	38.17	38.48
48.0	31.45	31.67	27.27	27.09	26.77	27.22	27.03	27.80	27.43	27.60
51.0	21.70	21.98	18.79	18.73	18.52	18.81	18.52	18.76	18.57	18.85
54.0	14.51	14.80	12.24	12.26	11.96	12.24	11.91	12.09	11.97	12.44
57.0	8.603	8.890	6.935	7.054	6.888	6.960	6.744	6.728	6.722	7.125
60.0	4.672	4.830	3.828	3.978	4.102	4.220	4.110	4.002	3.816	3.900
63.0	2.886	3.008	2.689	2.826	2.925	3.029	2.919	2.846	2.676	2.636
66.0	2.019	2.106	1.874	1.968	2.039	2.110	2.026	1.968	1.853	1.830
69.0	1.390	1.444	1.272	1.323	1.371	1.406	1.351	1.304	1.242	1.230
72.0	0.9332	0.9543	0.8238	0.8384	0.8612	0.8645	0.8285	0.7990	0.7801	0.7838
75.0	0.5981	0.5984	0.4932	0.4781	0.4781	0.4562	0.4344	0.4212	0.4364	0.4497
78.0	0.3398	0.3274	0.2522	0.2116	0.1955	0.1657	0.1713	0.1548	0.1888	0.2072
81.0	0.1580	0.1396	0.1119	0.0875	0.1072	0.0896	0.1050	0.0874	0.1072	0.0874
84.0	0.0984	0.0875	0.0962	0.0875	0.0984	0.0875	0.0941	0.0853	0.0941	0.0853
87.0	0.0940	0.0875	0.0940	0.0875	0.0875	0.0875	0.0897	0.0896	0.0896	0.0853
90.0	0.0896	0.0875	0.0896	0.0896	0.0875	0.0875	0.0896	0.0896	0.0875	0.0875
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	10080	10080	10077	10053	10091	10104	10115	10099	10084	10078
3.0	9815	9895	9866	9941	10075	10103	10131	10144	10115	10058
6.0	9218	9394	9407	9567	9880	9865	9876	9814	9759	9666
9.0	8115	8415	8351	8585	9278	9183	9190	9089	8986	8848
12.0	6335	6655	6517	6811	7917	7759	7831	7668	7588	7404
15.0	4034	4355	4098	4375	5746	5509	5649	5503	5486	5254
18.0	1966	2183	2028	2231	3295	3045	3156	3056	3076	2960
21.0	780.7	895.4	845.1	938.3	1567	1318	1449	1355	1419	1306
24.0	374.6	410.8	399.8	417.0	605.4	554.0	556.3	578.7	545.5	546.0
27.0	249.1	263.4	258.4	262.4	309.6	281.4	287.6	285.4	284.7	274.7
30.0	167.4	174.2	168.0	172.2	208.1	193.9	195.4	192.7	193.9	189.4
33.0	120.8	124.0	120.2	123.7	144.2	139.6	141.1	137.3	141.4	137.3
36.0	96.81	99.70	98.13	99.55	112.1	109.8	108.7	105.1	105.3	105.1
39.0	74.46	77.89	72.64	73.69	85.36	83.95	83.48	79.76	79.82	78.64
42.0	55.33	58.25	53.41	54.43	63.63	62.05	62.44	59.00	59.10	58.77
45.0	38.58	40.47	36.82	37.92	44.95	44.11	44.51	42.14	42.68	42.25
48.0	27.49	28.46	25.67	26.08	31.17	30.72	31.06	30.10	30.46	29.96
51.0	18.77	19.33	17.24	17.14	20.43	20.12	20.65	19.97	20.26	19.62
54.0	12.31	12.79	10.98	10.86	13.59	13.38	13.59	13.15	13.30	12.81
57.0	7.057	7.387	6.105	5.989	7.850	7.830	7.898	7.520	7.652	7.187
60.0	3.792	3.971	3.304	3.278	4.191	4.209	4.304	4.121	4.180	3.813
63.0	2.553	2.588	2.321	2.314	2.723	2.786	2.952	2.940	2.882	2.692
66.0	1.782	1.807	1.609	1.615	1.902	1.952	2.066	2.055	2.005	1.867
69.0	1.215	1.238	1.092	1.103	1.297	1.333	1.402	1.390	1.349	1.252
72.0	0.7975	0.8145	0.7093	0.7270	0.8447	0.8672	0.8926	0.8805	0.8379	0.7885
75.0	0.4844	0.5001	0.4168	0.4359	0.5128	0.5126	0.5062	0.4908	0.4515	0.4404
78.0	0.2522	0.2619	0.1984	0.2192	0.2595	0.2521	0.2113	0.2018	0.1743	0.1865
81.0	0.1206	0.1070	0.0765	0.1007	0.1024	0.1008	0.0830	0.0963	0.0830	0.0962
84.0	0.0963	0.0875	0.0743	0.0875	0.0700	0.0853	0.0722	0.0875	0.0743	0.0875
87.0	0.0897	0.0875	0.0743	0.0831	0.0700	0.0787	0.0722	0.0788	0.0743	0.0788
90.0	0.0875	0.0875	0.0743	0.0743	0.0700	0.0722	0.0722	0.0743	0.0743	0.0765
G/C	300.0	315.0	330.0	345.0						
0.0	10078	10081	10080	10080						
3.0	10037	10010	9994	9949						
6.0	9601	9503	9506	9457						
9.0	8739	8589	8601	8562						
12.0	7307	7094	7106	6983						
15.0	5145	4929	4910	4734						
18.0	2884	2670	2650	2511						
21.0	1278	1158	1124	1041						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-22

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	512.1	483.1	470.2	441.8
27.0	277.3	275.4	275.3	261.3
30.0	187.8	183.1	183.2	177.1
33.0	136.5	132.6	133.7	128.6
36.0	103.4	101.8	101.1	98.98
39.0	77.52	75.81	75.74	74.99
42.0	58.50	56.88	56.64	56.16
45.0	42.25	41.07	40.75	39.88
48.0	29.87	29.02	28.78	28.00
51.0	19.78	19.21	19.33	18.91
54.0	13.04	12.65	12.73	12.35
57.0	7.335	7.211	7.292	7.079
60.0	3.859	3.848	3.881	3.720
63.0	2.605	2.487	2.491	2.465
66.0	1.799	1.723	1.721	1.712
69.0	1.203	1.162	1.161	1.169
72.0	0.7573	0.7555	0.7530	0.7752
75.0	0.4276	0.4425	0.4496	0.4818
78.0	0.1809	0.2192	0.2268	0.2585
81.0	0.0722	0.0986	0.0938	0.1140
84.0	0.0722	0.0853	0.0722	0.0919
87.0	0.0722	0.0788	0.0722	0.0875
90.0	0.0743	0.0743	0.0722	0.0787

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-22

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: