

LED Downlight TAKEO Series LE-
T150-18W-840-30



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: 2018-01-24

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:

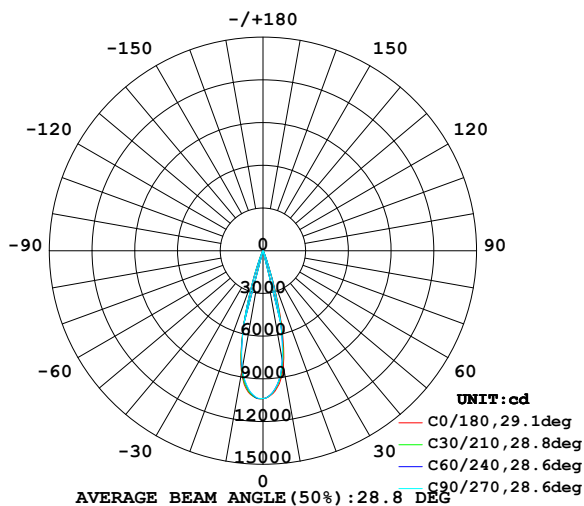
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

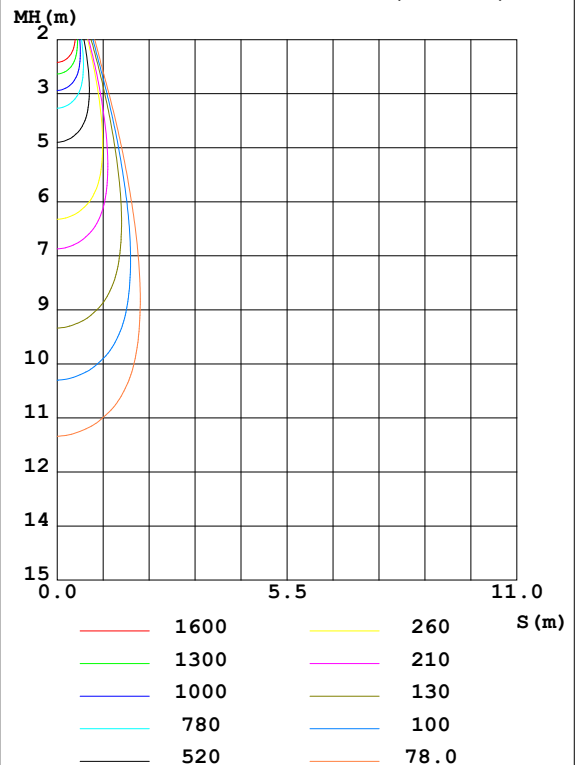
Test:U:34.90V I:0.5000A P:17.45W PF:1.000 Lamp Flux:2436.51x1 lm		
NAME: T150-18W-840-30	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 160mm*H100mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.63 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	10399	S/MH (C0/180)	0.44
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.45
RATED VOLTAGE (V)	36	TOTAL FLUX (lm)	2436.5	η UP,DN (C0-180)	0.0,47.9
NOMINAL FLUX (lm)	2436.51	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,52.1
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:2018-01-24

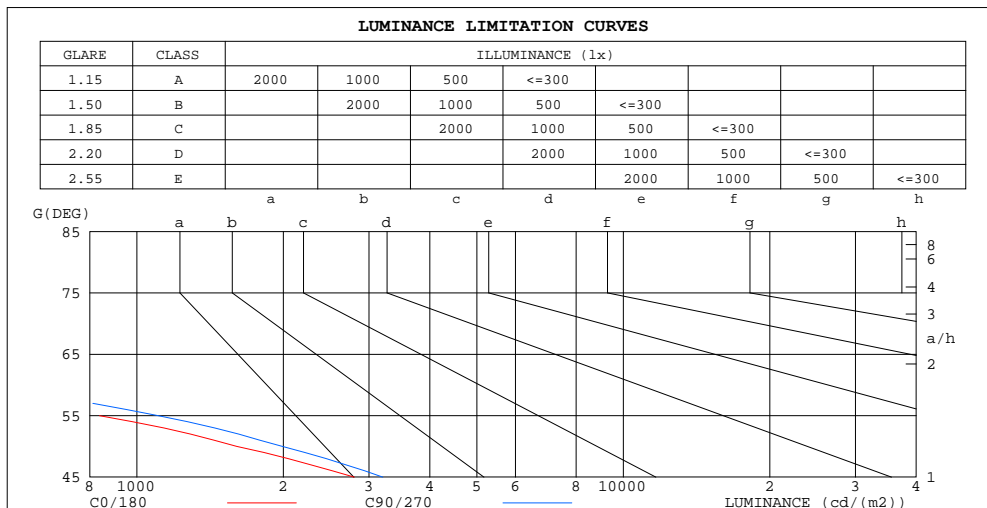
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	823.6	794.0	782.1	816.2	867.8	842.8	839.5	855.4	0- 10	897.4	897.4	36.8,36.8
20	124.2	116.3	107.5	114.1	149.5	135.7	151.4	146.0	10- 20	1221	2119	87,87
30	18.05	17.16	16.99	17.61	18.39	17.48	18.23	18.75	20- 30	203.0	2322	95.3,95.3
40	6.940	7.223	7.486	7.419	6.983	6.255	6.454	6.803	30- 40	69.87	2392	98.2,98.2
50	2.073	2.495	2.572	2.383	2.092	1.747	1.771	1.907	40- 50	32.20	2424	99.5,99.5
60	0.3554	0.5304	0.5453	0.4768	0.3605	0.2860	0.3088	0.3117	50- 60	9.694	2434	99.9,99.9
70	0.1018	0.1446	0.1577	0.1243	0.0996	0.0843	0.0891	0.0895	60- 70	2.217	2436	100,100
80	0.0147	0.0168	0.0123	0.0135	0.0124	0.0090	0.0070	0.0094	70- 80	0.5509	2436	100,100
90	0.0081	0.0077	0.0079	0.0077	0.0063	0.0063	0.0063	0.0063	80- 90	0.0855	2437	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		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	50	47
80	42	35
75	91	125
70	148	229
65	227	355
60	354	543
55	838	1106
50	1605	1991
45	2799	3203

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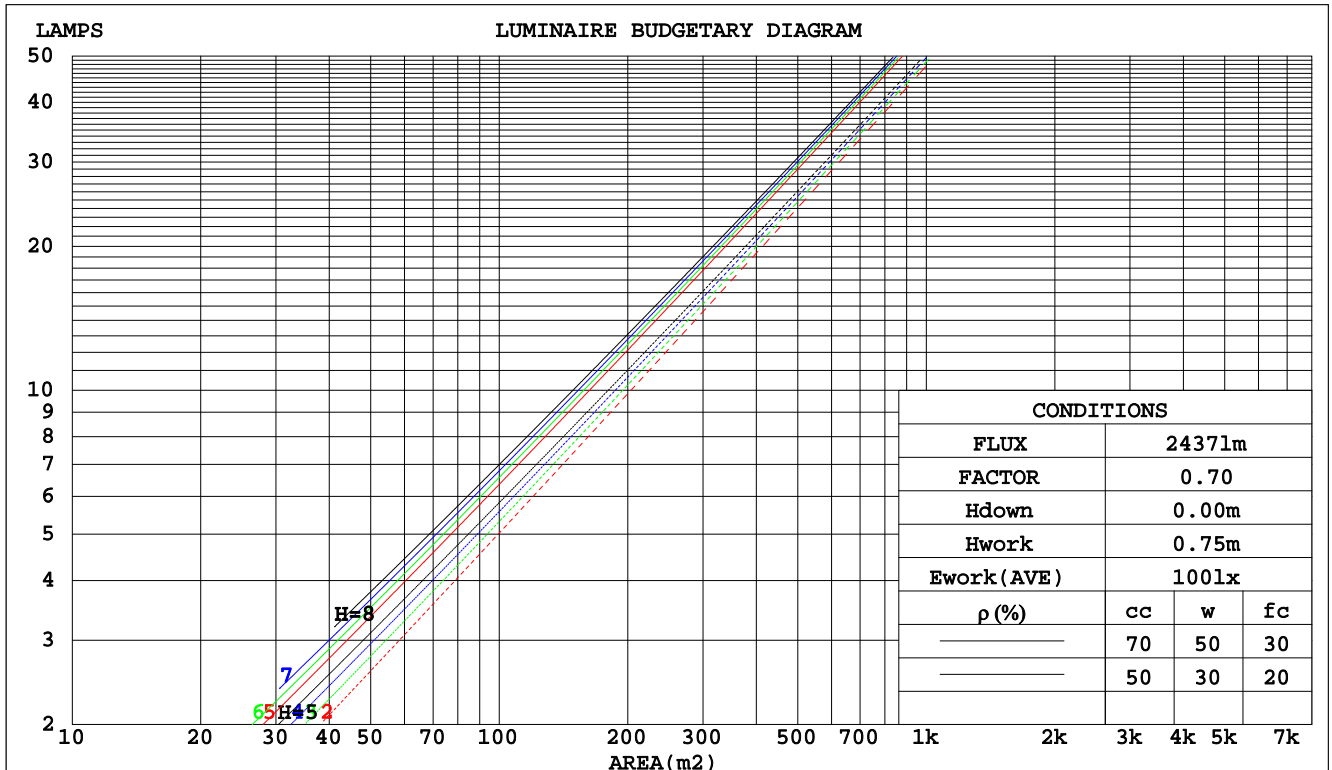
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:4000K	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	1.05	1.03	1.02	1.01	.99	.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	.99	.97	.95	.98	.95	.94	.96	.94	.92	.91
4.0	.99	.96	.93	.99	.95	.93	.97	.94	.92	.95	.92	.91	.93	.91	.90	.88
5.0	.96	.92	.89	.96	.92	.89	.94	.91	.88	.92	.90	.88	.91	.89	.87	.86
6.0	.93	.89	.86	.93	.89	.86	.91	.88	.86	.90	.87	.85	.89	.86	.85	.84
7.0	.90	.86	.84	.90	.86	.83	.89	.85	.83	.88	.85	.83	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.79
9.0	.86	.82	.79	.85	.81	.79	.84	.81	.79	.84	.81	.78	.83	.80	.78	.77
10.0	.83	.80	.77	.83	.79	.77	.82	.79	.77	.82	.79	.77	.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	.133	.076	.024	.127	.072	.023	.114	.066	.021	.103	.059	.019	.092	.054	.017		
2.0	.123	.067	.021	.118	.065	.020	.108	.060	.019	.098	.055	.017	.089	.051	.016		
3.0	.114	.061	.018	.110	.059	.018	.101	.055	.017	.094	.051	.016	.086	.048	.015		
4.0	.107	.056	.016	.103	.054	.016	.096	.051	.015	.090	.048	.015	.083	.045	.014		
5.0	.101	.051	.015	.097	.050	.015	.091	.048	.014	.086	.045	.013	.080	.043	.013		
6.0	.095	.048	.014	.092	.047	.013	.087	.045	.013	.082	.043	.013	.078	.041	.012		
7.0	.090	.045	.013	.088	.044	.012	.083	.042	.012	.079	.041	.012	.075	.039	.011		
8.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011		
9.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010		
10.0	.079	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.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	.035	.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	.095	.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	.094	.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	.030	.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	.066	.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:2436.51x1 lm		
NAME: T150-18W-840-30	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	5.0	5.6	5.2	5.8	5.9	5.4	6.0	5.6	6.1	6.3
3H	4.9	5.5	5.1	5.7	5.9	5.3	5.9	5.5	6.0	6.2
4H	4.8	5.4	5.1	5.6	5.8	5.2	5.8	5.5	6.0	6.2
6H	4.7	5.3	5.0	5.5	5.7	5.1	5.7	5.4	5.9	6.1
8H	4.7	5.2	5.0	5.5	5.7	5.1	5.6	5.4	5.8	6.1
12H	4.7	5.2	5.0	5.4	5.7	5.0	5.5	5.3	5.8	6.1
4H 2H	4.9	5.4	5.1	5.6	5.8	5.2	5.8	5.5	6.0	6.2
3H	4.7	5.2	5.0	5.5	5.8	5.1	5.6	5.4	5.9	6.1
4H	4.7	5.1	5.0	5.4	5.7	5.0	5.5	5.4	5.8	6.1
6H	4.6	5.0	4.9	5.3	5.6	4.9	5.3	5.3	5.7	6.0
8H	4.5	4.9	4.9	5.2	5.6	4.9	5.2	5.3	5.6	6.0
12H	4.4	4.8	4.8	5.2	5.5	4.8	5.2	5.2	5.5	5.9
8H 4H	4.5	4.9	4.9	5.2	5.6	4.9	5.3	5.3	5.6	6.0
6H	4.4	4.7	4.8	5.1	5.5	4.8	5.1	5.2	5.5	5.9
8H	4.3	4.6	4.8	5.0	5.5	4.7	5.0	5.1	5.4	5.8
12H	4.3	4.5	4.7	4.9	5.4	4.6	4.9	5.1	5.3	5.8
12H 4H	4.4	4.8	4.8	5.2	5.5	4.8	5.2	5.2	5.5	5.9
6H	4.3	4.6	4.8	5.0	5.5	4.7	5.0	5.1	5.4	5.8
8H	4.3	4.5	4.7	4.9	5.4	4.6	4.9	5.1	5.3	5.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 7.9					+ 2.3 / - 6.5				
1.5H	+ 3.3 / - 4.8					+ 3.0 / - 4.6				
2.0H	+ 5.0 / - 7.6					+ 4.8 / - 7.0				

CIE Pub.117 Corrected 2437 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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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

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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	101	96	93	99	96	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	114	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):

2411.8 lm

%lum = 99.0%

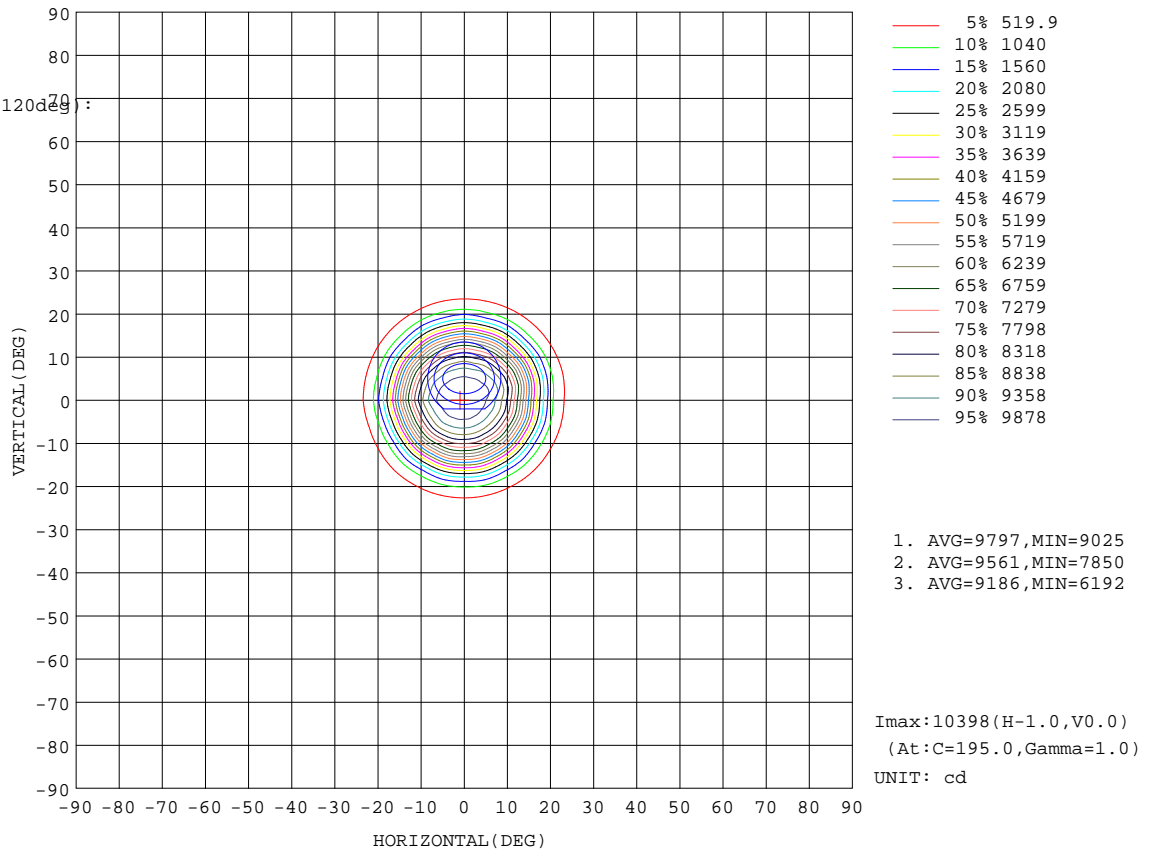
%lamp = 99.0%

Conical surface Flux(120deg):

2433.7 lm

%lum = 99.9%

%lamp = 99.9%



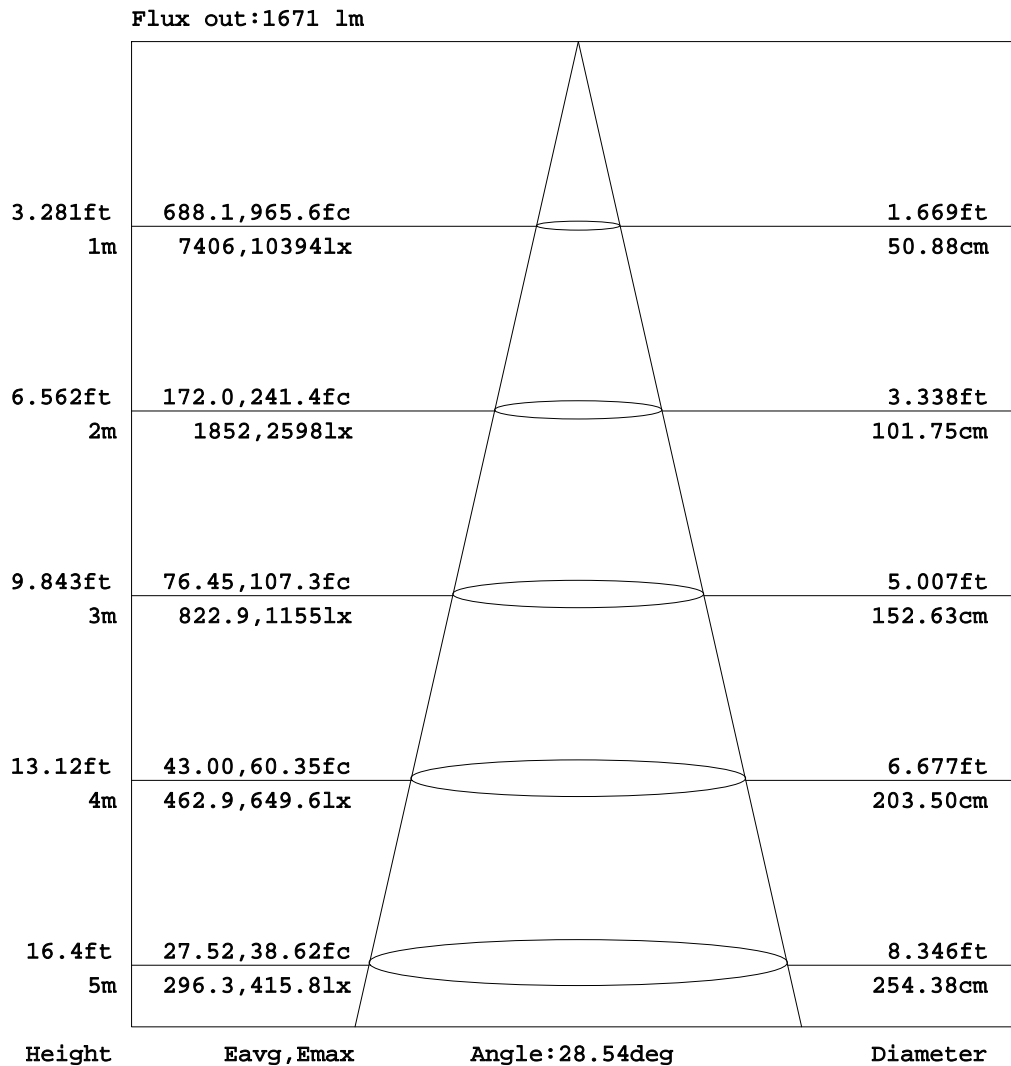
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AAI Figure

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

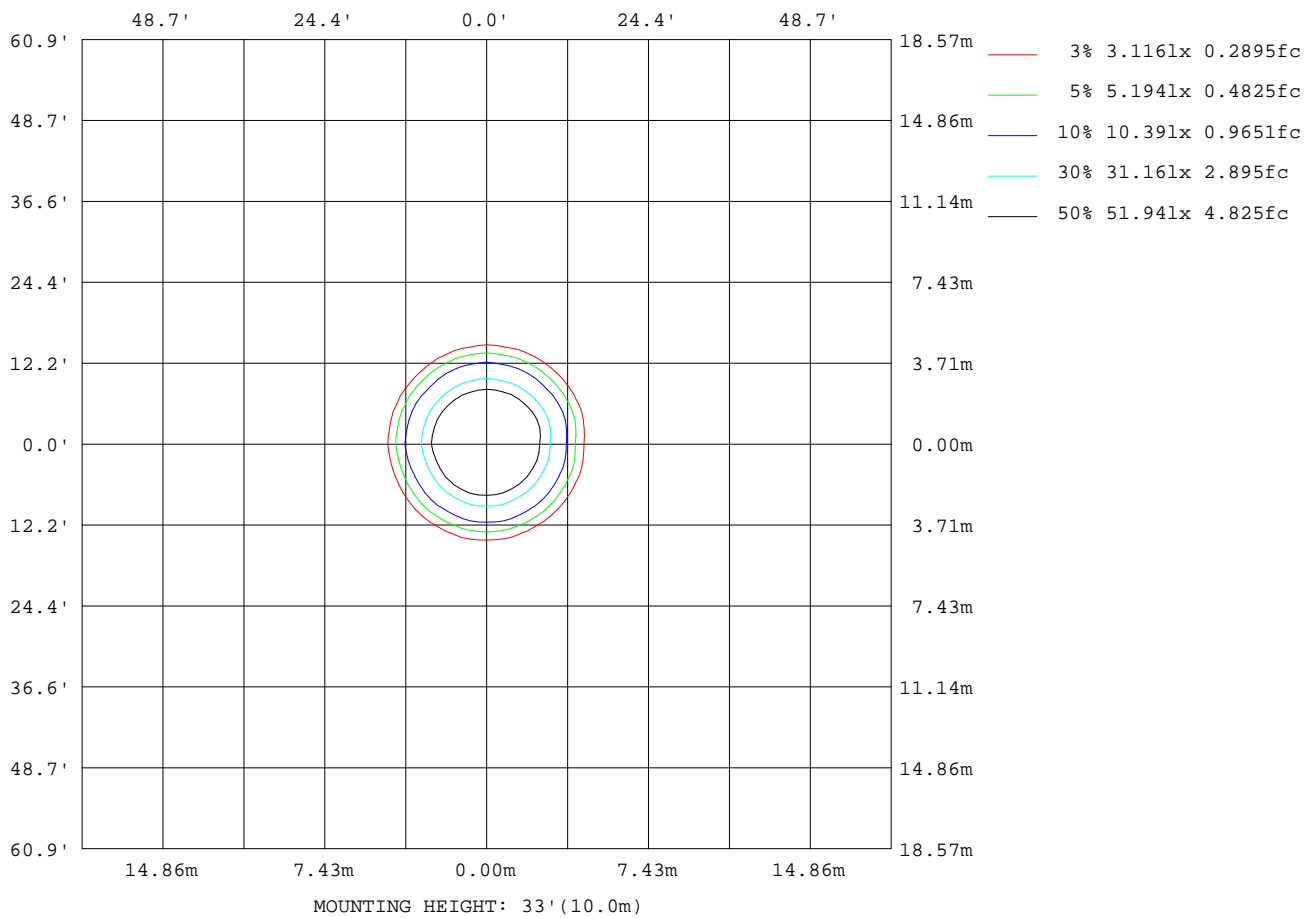
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ISOLUX DIAGRAM

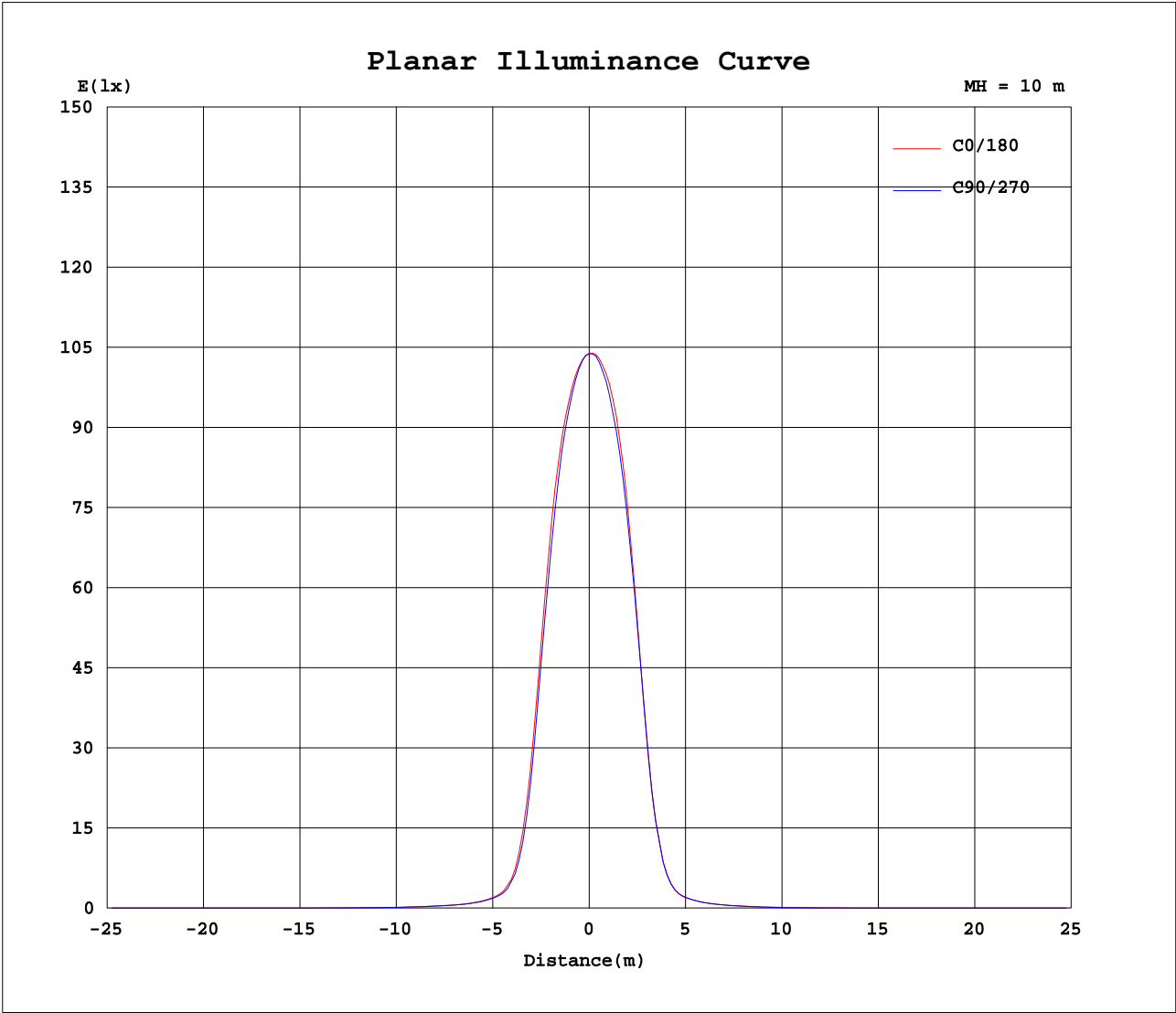
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

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

C Range: 0 - 360DEG
C Interval: 15.0DEG
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Temperature: 25.3DEG
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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:2436.51x1 lm		
NAME: T150-18W-840-30	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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: 2018-01-24

```

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	10388	10392	10392	10389	10387	10387	10378	10374	10370	10369
3.0	10180	10167	10130	10134	10124	10148	10141	10176	10190	10224
6.0	9651	9616	9536	9509	9473	9483	9484	9537	9588	9681
9.0	8692	8660	8512	8431	8349	8383	8355	8455	8521	8660
12.0	6981	6943	6727	6704	6552	6601	6538	6683	6674	6874
15.0	4559	4567	4352	4350	4190	4272	4178	4299	4248	4436
18.0	2264	2279	2110	2102	2004	2051	1973	2030	1973	2089
21.0	903.0	922.0	865.1	855.6	803.5	818.7	788.6	806.2	788.4	844.9
24.0	414.2	414.7	393.9	386.2	368.0	378.1	374.0	382.5	379.2	394.1
27.0	259.6	256.2	243.6	240.0	235.0	242.3	245.1	254.1	254.5	259.6
30.0	180.5	180.6	172.7	171.6	170.0	172.1	169.9	174.5	173.5	176.1
33.0	131.3	133.0	126.3	125.4	126.6	129.2	124.9	128.5	125.8	128.8
36.0	100.5	101.0	99.04	99.34	100.4	101.5	100.7	101.3	100.8	101.0
39.0	76.09	77.70	77.44	78.93	81.05	82.36	81.74	82.11	82.21	81.45
42.0	56.60	58.42	58.71	60.76	62.39	63.84	63.06	63.11	62.63	61.69
45.0	39.78	41.58	42.04	43.86	45.04	46.41	45.51	45.24	44.09	43.30
48.0	27.49	29.25	30.13	31.70	32.53	33.61	32.93	32.48	31.28	30.61
51.0	18.21	19.60	20.52	21.94	22.35	23.17	22.62	22.33	21.35	20.89
54.0	11.58	12.83	13.69	14.95	15.18	15.71	15.03	14.95	14.30	14.10
57.0	6.418	7.405	8.082	9.041	9.043	9.234	8.886	8.748	8.480	8.477
60.0	3.554	4.191	4.658	5.304	5.451	5.700	5.453	5.208	4.870	4.768
63.0	2.439	2.743	3.011	3.427	3.720	3.964	3.810	3.597	3.250	3.021
66.0	1.704	1.918	2.115	2.425	2.630	2.816	2.676	2.519	2.269	2.106
69.0	1.167	1.306	1.447	1.658	1.800	1.915	1.817	1.699	1.535	1.426
72.0	0.7733	0.8582	0.9573	1.081	1.170	1.229	1.157	1.074	0.9838	0.9193
75.0	0.4756	0.5263	0.5917	0.6485	0.6905	0.7030	0.6512	0.6025	0.5700	0.5437
78.0	0.2500	0.2772	0.3180	0.3229	0.3270	0.3031	0.2767	0.2486	0.2612	0.2640
81.0	0.1097	0.1091	0.1426	0.1135	0.1033	0.0809	0.0986	0.0787	0.0965	0.0960
84.0	0.0875	0.0787	0.0853	0.0743	0.0854	0.0743	0.0896	0.0765	0.0875	0.0743
87.0	0.0853	0.0787	0.0831	0.0743	0.0809	0.0743	0.0810	0.0765	0.0787	0.0743
90.0	0.0809	0.0787	0.0765	0.0765	0.0743	0.0743	0.0787	0.0787	0.0765	0.0765
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	10366	10366	10388	10392	10389	10387	10387	10387	10378	10374
3.0	10222	10237	10327	10315	10332	10319	10310	10273	10262	10251
6.0	9710	9795	9977	9933	9897	9814	9790	9754	9766	9739
9.0	8680	8821	9115	9015	9021	8880	8863	8807	8850	8781
12.0	6884	7040	7485	7368	7405	7268	7266	7199	7253	7215
15.0	4386	4551	5046	4945	5060	4927	5012	4909	5020	4968
18.0	2061	2177	2552	2471	2551	2456	2535	2498	2588	2522
21.0	830.1	877.9	1060	1009	1047	994.6	1038	1036	1066	1020
24.0	388.1	394.7	445.4	426.2	442.5	427.7	437.7	432.1	451.0	441.6
27.0	253.6	252.1	261.0	250.6	253.0	249.1	252.6	255.8	270.0	272.2
30.0	173.5	176.0	183.9	177.9	178.6	174.8	178.0	177.2	182.3	181.4
33.0	126.8	129.9	134.5	128.7	127.6	124.4	129.0	127.3	130.3	129.3
36.0	100.9	101.0	103.0	98.21	95.54	94.17	96.42	96.20	97.33	97.84
39.0	78.75	78.07	77.74	73.52	70.84	69.66	70.91	70.36	71.24	72.62
42.0	58.63	58.12	57.33	53.83	51.71	50.48	52.37	51.01	51.84	52.73
45.0	41.06	40.78	40.00	37.59	36.32	35.24	36.53	35.60	36.21	36.87
48.0	29.15	28.67	27.78	25.67	24.65	23.71	24.52	23.56	24.04	24.76
51.0	19.70	19.13	18.22	16.74	16.13	15.25	15.27	15.07	15.48	15.99
54.0	13.05	12.63	11.82	10.56	10.06	9.359	9.297	9.165	9.542	9.882
57.0	7.637	7.206	6.653	5.792	5.435	4.949	4.889	4.818	5.053	5.302
60.0	4.229	3.899	3.605	3.082	2.974	2.860	2.957	2.991	3.088	3.119
63.0	2.711	2.553	2.389	2.178	2.103	2.040	2.109	2.152	2.210	2.226
66.0	1.892	1.785	1.668	1.526	1.463	1.427	1.476	1.513	1.548	1.550
69.0	1.296	1.221	1.140	1.042	0.9933	0.9675	0.9933	1.022	1.035	1.040
72.0	0.8501	0.8036	0.7465	0.6876	0.6395	0.6242	0.6262	0.6440	0.6393	0.6462
75.0	0.5216	0.4891	0.4540	0.4140	0.3666	0.3549	0.3359	0.3419	0.3293	0.3463
78.0	0.2785	0.2553	0.2311	0.2104	0.1678	0.1601	0.1285	0.1317	0.1133	0.1339
81.0	0.1272	0.0982	0.0873	0.0899	0.0656	0.0831	0.0634	0.0853	0.0656	0.0810
84.0	0.0854	0.0787	0.0678	0.0788	0.0612	0.0787	0.0634	0.0765	0.0656	0.0765
87.0	0.0809	0.0787	0.0634	0.0744	0.0590	0.0700	0.0612	0.0657	0.0634	0.0700
90.0	0.0787	0.0787	0.0634	0.0634	0.0612	0.0634	0.0634	0.0634	0.0634	0.0634
G/C	300.0	315.0	330.0	345.0						
0.0	10370	10369	10366	10366						
3.0	10283	10277	10285	10264						
6.0	9804	9824	9904	9887						
9.0	8949	8990	9102	9060						
12.0	7385	7424	7585	7498						
15.0	5136	5100	5268	5122						
18.0	2664	2630	2757	2650						
21.0	1081	1061	1125	1082						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-24

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	464.1	457.5	475.2	458.5
27.0	283.4	282.7	289.6	280.3
30.0	186.7	187.5	192.3	188.5
33.0	133.4	133.2	138.6	136.2
36.0	99.44	100.3	103.1	103.1
39.0	74.82	74.93	76.66	77.26
42.0	54.72	54.43	56.29	57.17
45.0	37.91	37.81	39.38	40.29
48.0	25.42	25.52	26.85	27.68
51.0	16.58	16.66	17.45	18.07
54.0	10.26	10.35	11.07	11.53
57.0	5.561	5.595	6.026	6.333
60.0	3.155	3.117	3.254	3.397
63.0	2.229	2.202	2.282	2.362
66.0	1.542	1.528	1.579	1.642
69.0	1.030	1.031	1.065	1.121
72.0	0.6459	0.6636	0.6853	0.7401
75.0	0.3468	0.3790	0.4015	0.4490
78.0	0.1328	0.1710	0.1875	0.2323
81.0	0.0634	0.0832	0.0656	0.0965
84.0	0.0634	0.0765	0.0656	0.0809
87.0	0.0634	0.0700	0.0612	0.0765
90.0	0.0634	0.0634	0.0612	0.0678

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-24

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: