LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.2250A P:50.50W PF:0.9760 Lamp Flux:6501x1 lm		
NAME: TP-15-50W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.448*0.07	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 128.73 lm/W	
MODEL	TP-15-50W	Imax(cd)	2032	S/MH(C0/180)	1.19
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6501.0	η UP,DN(C0-180)	2.5,44.6
NOMINAL FLUX(lm)	6501	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.8,49.0
LAMPS INSIDE	1	η up(%)	6.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	229.3	η down(%)	93.7	CIBSE SHR MAX	1.35
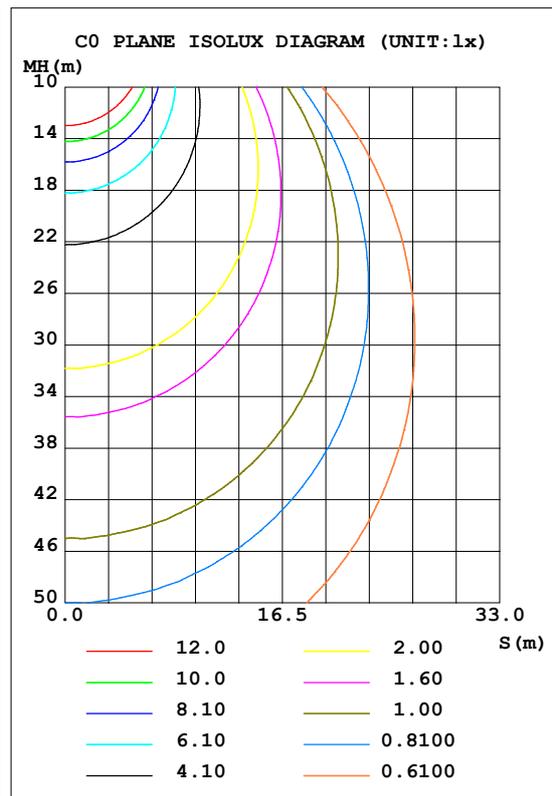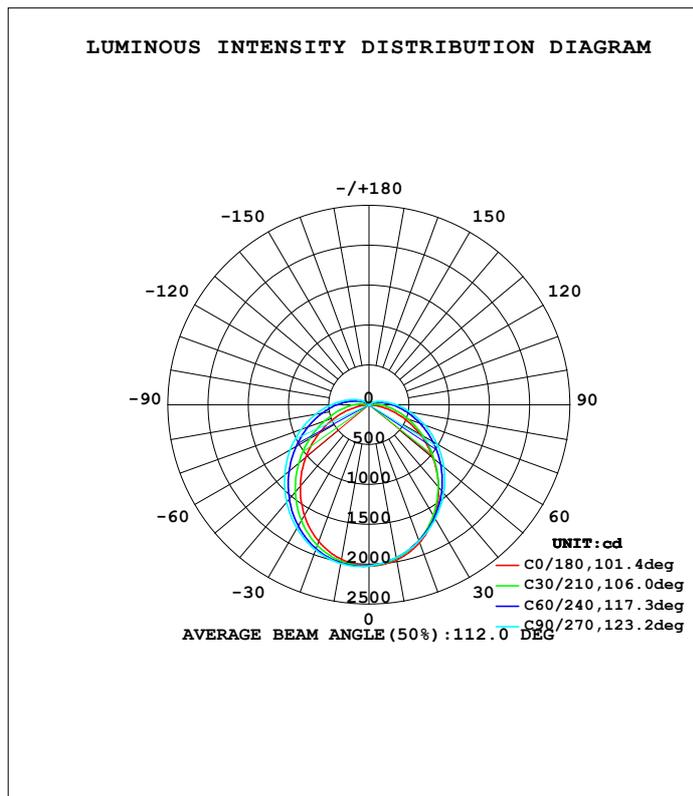
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
- C0/180,101.4deg
- C30/210,106.0deg
- C60/240,117.3deg
- C90/270,123.2deg

AVERAGE BEAM ANGLE(50%):112.0 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

— 12.0	— 2.00
— 10.0	— 1.60
— 8.10	— 1.00
— 6.10	— 0.8100
— 4.10	— 0.6100

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:华登
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Humidity:62.0%
Test Distance:9.960m [K=1.0000]
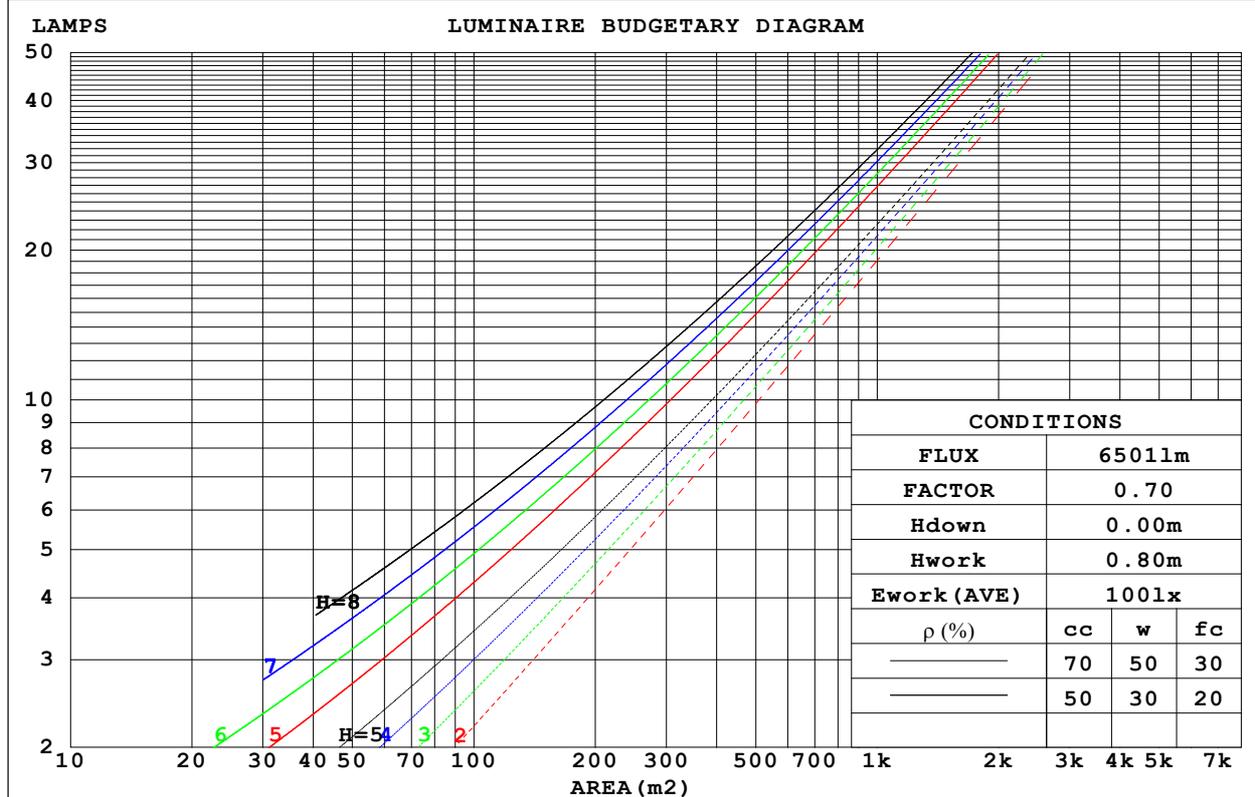Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1979	1953	1949	1952	1968	2005	2020	2003	0- 10	190.9	190.9	2.94,2.94
20	1840	1813	1820	1808	1826	1903	1941	1902	10- 20	543.4	734.2	11.3,11.3
30	1624	1613	1650	1606	1604	1723	1791	1723	20- 30	815.0	1549	23.8,23.8
40	1348	1372	1446	1367	1331	1487	1596	1488	30- 40	971.4	2521	38.8,38.8
50	1044	1111	1217	1105	1025	1223	1370	1221	40- 50	1002	3523	54.2,54.2
60	729.8	847.1	974.8	843.1	716.7	954.6	1132	951.7	50- 60	920.1	4443	68.3,68.3
70	426.1	600.4	735.0	599.1	417.9	702.7	896.0	698.2	60- 70	754.7	5198	80,80
80	154.2	390.4	515.5	391.7	150.4	483.7	671.0	478.2	70- 80	546.5	5744	88.4,88.4
90	0.9229	229.6	339.7	231.5	0.6814	308.9	471.4	302.7	80- 90	345.8	6090	93.7,93.7
100	0.8208	122.4	212.2	124.4	0.8324	174.7	311.0	177.7	90-100	202.1	6292	96.8,96.8
110	1.197	58.49	124.4	58.99	1.170	95.05	188.7	96.06	100-110	111.5	6403	98.5,98.5
120	1.593	23.73	66.33	21.56	1.600	43.69	110.5	47.88	110-120	56.46	6460	99.4,99.4
130	2.012	7.804	29.76	6.964	2.061	17.97	60.25	20.45	120-130	25.20	6485	99.8,99.8
140	2.431	3.022	10.11	2.951	2.394	6.843	26.99	7.530	130-140	9.705	6495	99.9,99.9
150	2.801	3.002	3.402	2.930	2.721	3.278	9.099	3.156	140-150	3.420	6498	100,100
160	3.075	3.254	3.298	3.177	2.995	3.012	3.351	2.951	150-160	1.523	6500	100,100
170	3.274	3.400	3.530	3.333	3.226	3.270	3.358	3.193	160-170	0.9023	6501	100,100
180	3.333	3.432	3.557	3.344	3.349	3.432	3.546	3.366	170-180	0.3192	6501	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:华登
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Humidity:62.0%
Test Distance:9.960m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1.0	1.00	.95	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.87	.79	.73	.84	.77	.72	.79	.74	.69	.75	.70	.66	.71	.67	.64	.61
3.0	.76	.67	.60	.74	.66	.59	.70	.63	.57	.66	.60	.56	.63	.58	.54	.51
4.0	.67	.58	.51	.65	.57	.50	.62	.54	.49	.59	.52	.47	.56	.50	.46	.44
5.0	.60	.50	.44	.58	.49	.43	.55	.48	.42	.53	.46	.41	.50	.44	.40	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33
7.0	.49	.40	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.41	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21

LAMPS — LUMINAIRE BUDGETARY DIAGRAM

CONDITIONS			
FLUX	6501lm		
FACTOR	0.70		
Hdown	0.00m		
Hwork	0.80m		
Ework(AVE)	1001x		
ρ (%)	cc	w	fc
———	70	50	30
———	50	30	20

AREA(m2)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:华登
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Humidity:62.0%
Test Distance:9.960m [K=1.0000]
Remarks:

WEC AND CCEC

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 Coeffcients(WEC)										
0.0																
1.0	.352	.200	.063	.343	.196	.062	.326	.187	.060	.310	.179	.057	.296	.172	.055	
2.0	.314	.172	.053	.306	.169	.052	.291	.162	.050	.277	.155	.049	.264	.149	.047	
3.0	.284	.151	.045	.276	.148	.045	.263	.142	.043	.250	.137	.042	.239	.132	.041	
4.0	.258	.134	.039	.252	.132	.039	.239	.127	.038	.228	.122	.037	.218	.118	.036	
5.0	.236	.120	.035	.231	.118	.034	.220	.114	.034	.209	.110	.033	.200	.107	.032	
6.0	.218	.109	.031	.212	.107	.031	.203	.104	.030	.193	.101	.030	.185	.097	.029	
7.0	.202	.100	.028	.197	.098	.028	.188	.095	.027	.180	.092	.027	.172	.089	.026	
8.0	.188	.092	.026	.183	.090	.026	.175	.088	.025	.168	.085	.025	.161	.082	.024	
9.0	.175	.085	.024	.172	.084	.023	.164	.081	.023	.157	.079	.023	.151	.077	.022	
10.0	.165	.079	.022	.161	.078	.022	.154	.076	.021	.148	.073	.021	.142	.071	.020	

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	.239	.239	.239	.204	.204	.204	.139	.139	.139	.080	.080	.080	.026	.026	.026	
1.0	.232	.204	.180	.198	.175	.155	.136	.121	.107	.078	.070	.062	.025	.022	.020	
2.0	.224	.181	.144	.192	.156	.125	.132	.108	.087	.076	.063	.051	.024	.020	.017	
3.0	.216	.164	.122	.185	.141	.105	.127	.098	.074	.074	.057	.044	.024	.019	.014	
4.0	.208	.151	.106	.179	.130	.092	.123	.091	.065	.071	.053	.039	.023	.017	.013	
5.0	.201	.140	.096	.172	.121	.083	.119	.085	.059	.069	.050	.035	.022	.016	.012	
6.0	.193	.132	.088	.166	.114	.077	.115	.080	.054	.067	.047	.032	.021	.015	.011	
7.0	.186	.125	.083	.160	.109	.072	.111	.076	.051	.064	.045	.030	.021	.015	.010	
8.0	.180	.120	.078	.155	.104	.068	.107	.073	.048	.062	.043	.029	.020	.014	.010	
9.0	.173	.115	.075	.149	.100	.065	.104	.070	.046	.060	.041	.028	.020	.014	.009	
10.0	.168	.110	.072	.145	.096	.063	.100	.068	.045	.058	.040	.027	.019	.013	.009	

UGR(Unified Glare Rating) Table

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	21.4	22.9	21.8	23.2	23.5	22.7	24.1	23.0	24.5	24.8
3H	22.7	24.1	23.1	24.4	24.8	24.8	26.1	25.1	26.5	26.8
4H	23.2	24.5	23.6	24.9	25.3	25.8	27.1	26.2	27.5	27.9
6H	23.5	24.8	24.0	25.1	25.6	27.0	28.2	27.4	28.6	29.0
8H	23.6	24.8	24.0	25.2	25.6	27.6	28.7	28.0	29.1	29.6
12H	23.6	24.8	24.1	25.2	25.6	28.2	29.4	28.7	29.8	30.2
4H 2H	22.2	23.5	22.6	23.9	24.3	23.2	24.5	23.6	24.9	25.2
3H	23.8	24.9	24.2	25.3	25.7	25.5	26.6	26.0	27.1	27.5
4H	24.4	25.5	24.9	25.9	26.4	26.8	27.8	27.2	28.3	28.7
6H	24.9	25.8	25.4	26.3	26.8	28.1	29.1	28.6	29.5	30.0
8H	25.0	25.9	25.5	26.4	26.9	28.9	29.7	29.4	30.2	30.7
12H	25.1	25.9	25.6	26.4	26.9	29.7	30.5	30.2	31.0	31.5
8H 4H	25.1	25.9	25.6	26.4	27.0	27.1	27.9	27.6	28.4	28.9
6H	25.8	26.6	26.4	27.1	27.6	28.7	29.4	29.2	29.9	30.5
8H	26.1	26.8	26.7	27.3	27.9	29.6	30.3	30.2	30.8	31.4
12H	26.3	26.9	26.9	27.5	28.1	30.7	31.3	31.3	31.8	32.4
12H 4H	25.3	26.1	25.8	26.6	27.1	27.1	27.9	27.6	28.4	28.9
6H	26.2	26.8	26.7	27.4	28.0	28.8	29.4	29.3	30.0	30.6
8H	26.6	27.2	27.2	27.7	28.3	29.8	30.4	30.4	30.9	31.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 6501 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.5)

UTILIZATION FACTORS TABLE

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) x RCR = 5									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	51	44	62	51	43	60	50	43	36
1.00	71	60	52	70	59	51	67	60	51	43
1.25	78	67	59	77	66	59	73	64	58	50
1.50	83	72	65	81	71	64	78	69	63	54
2.00	90	81	73	88	79	72	84	76	70	61
2.50	94	85	78	92	84	77	87	80	75	65
3.00	98	90	83	95	88	82	90	84	79	69
4.00	102	95	90	99	93	88	94	89	85	74
5.00	105	99	94	102	97	92	96	92	88	77
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

ISOCANDELA DIAGRAM

Conical surface Flux(90deg):
3025.4 lm
%lum = 46.5%
%lamp = 46.5%

Conical surface Flux(120deg):
4442.9 lm
%lum = 68.3%
%lamp = 68.3%
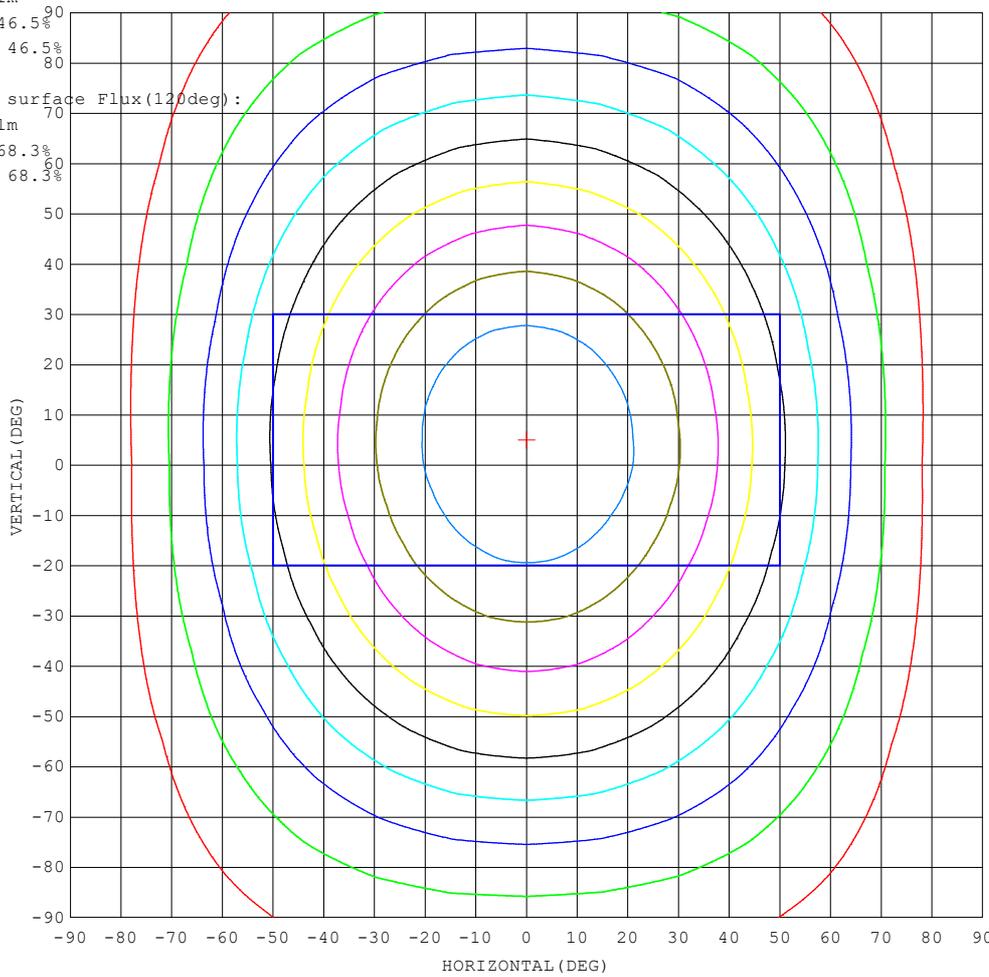
——	10% 202.9
——	20% 405.8
——	30% 608.7
——	40% 811.7
——	50% 1015
——	60% 1217
——	70% 1420
——	80% 1623
——	90% 1826

MAX = 2029.2
MIN = 922.10
AVG = 1604.2
AVG/MAX = 0.79
MIN/MAX = 0.45

Imax:2029(H0.0,V5.0)
 (At:C=270.0,Gamma=5.0)

UNIT: cd

VERTICAL(DEG)

HORIZONTAL(DEG)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:华登
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Humidity:62.0%
Test Distance:9.960m [K=1.0000]
Remarks:

AAI Figure

Flux out:4091 lm

Height	Eavg,Emax	Angle:112.00deg	Diameter
3.281ft	55.04,188.2fc		9.728ft
1m	592.4,2026lx		296.51cm
6.562ft	13.76,47.06fc		19.46ft
2m	148.1,506.6lx		593.02cm
9.843ft	6.115,20.92fc		29.18ft
3m	65.82,225.1lx		889.54cm
13.12ft	3.440,11.77fc		38.91ft
4m	37.03,126.6lx		1186.05cm
16.4ft	2.202,7.530fc		48.64ft
5m	23.70,81.05lx		1482.56cm
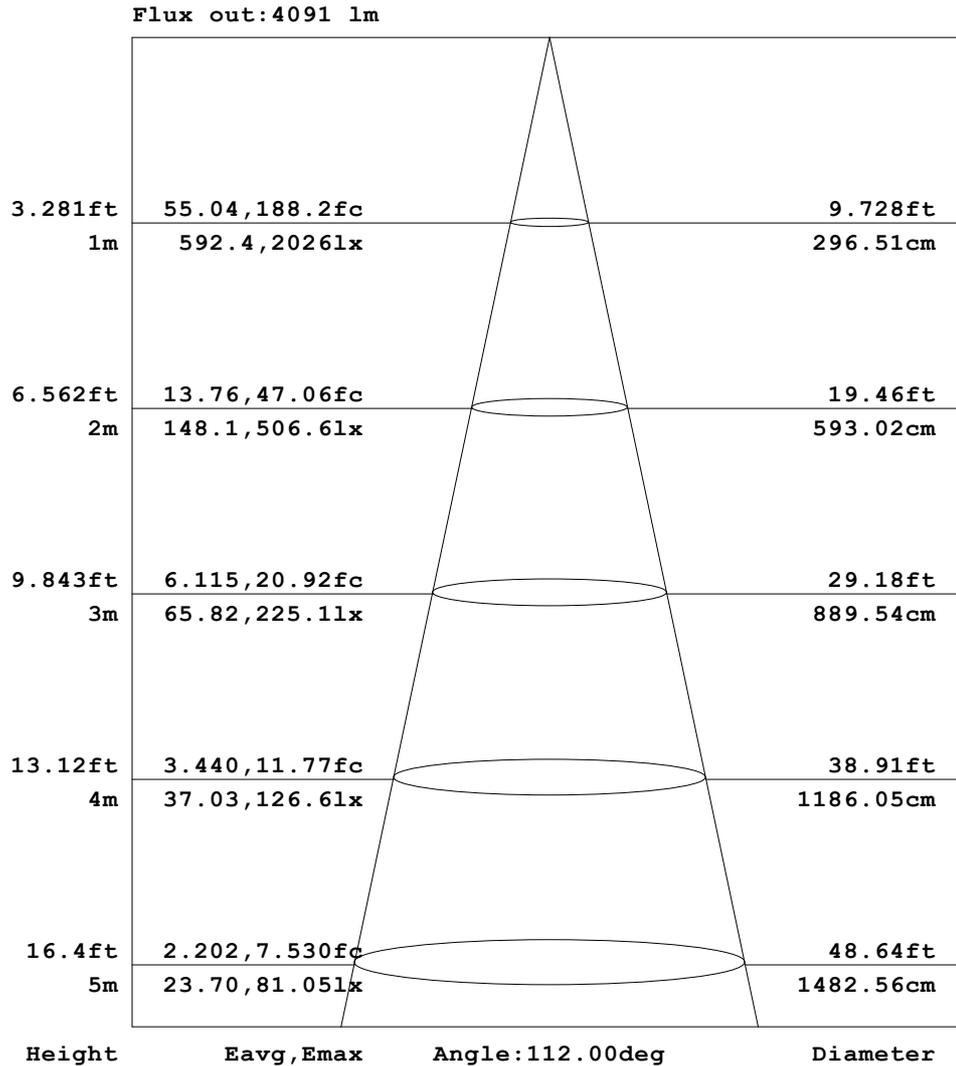
Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

ISOLUX DIAGRAM

105.0'	52.5'	0.0'	52.5'	105.0'

```
131.2'                                          40.00m
                                                         ─── 3% 0.6079lx 0.05647fc
105.0'                                          32.00m   ─── 5% 1.013lx 0.09412fc
                                                         ─── 10% 2.026lx 0.1882fc
 78.7'                                          24.00m   ─── 30% 6.079lx 0.5647fc
                                                         ─── 50% 10.13lx 0.9412fc
 52.5'                                          16.00m

 26.2'                                           8.00m

  0.0'                                           0.00m

 26.2'                                           8.00m

 52.5'                                          16.00m

 78.7'                                          24.00m

105.0'                                          32.00m

131.2'                                          40.00m
```

32.00m	16.00m	0.00m	16.00m	32.00m

MOUNTING HEIGHT: 33'(10.0m)
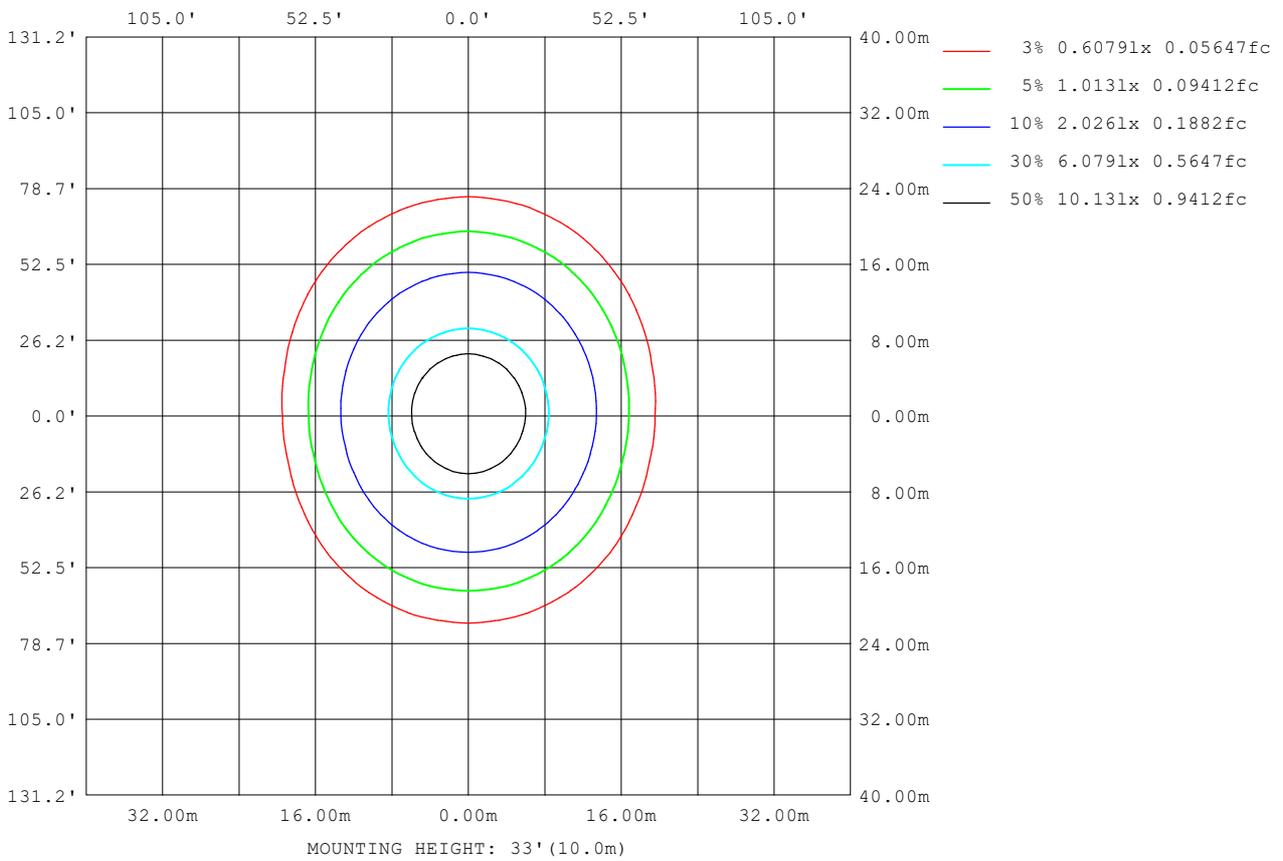
C Range: 0 - 360DEG	**γ Range:** 0 - 180DEG
C Interval: 15.0DEG	**γ Interval:** 1.0DEG
Test Speed: HIGH	**Test System:** EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Temperature: 25.7DEG	**Humidity:** 62.0%
Operators: 华登	**Test Distance:** 9.960m [K=1.0000]
Test Date: 2020-08-24	**Remarks:**

Planar Illuminance Curve
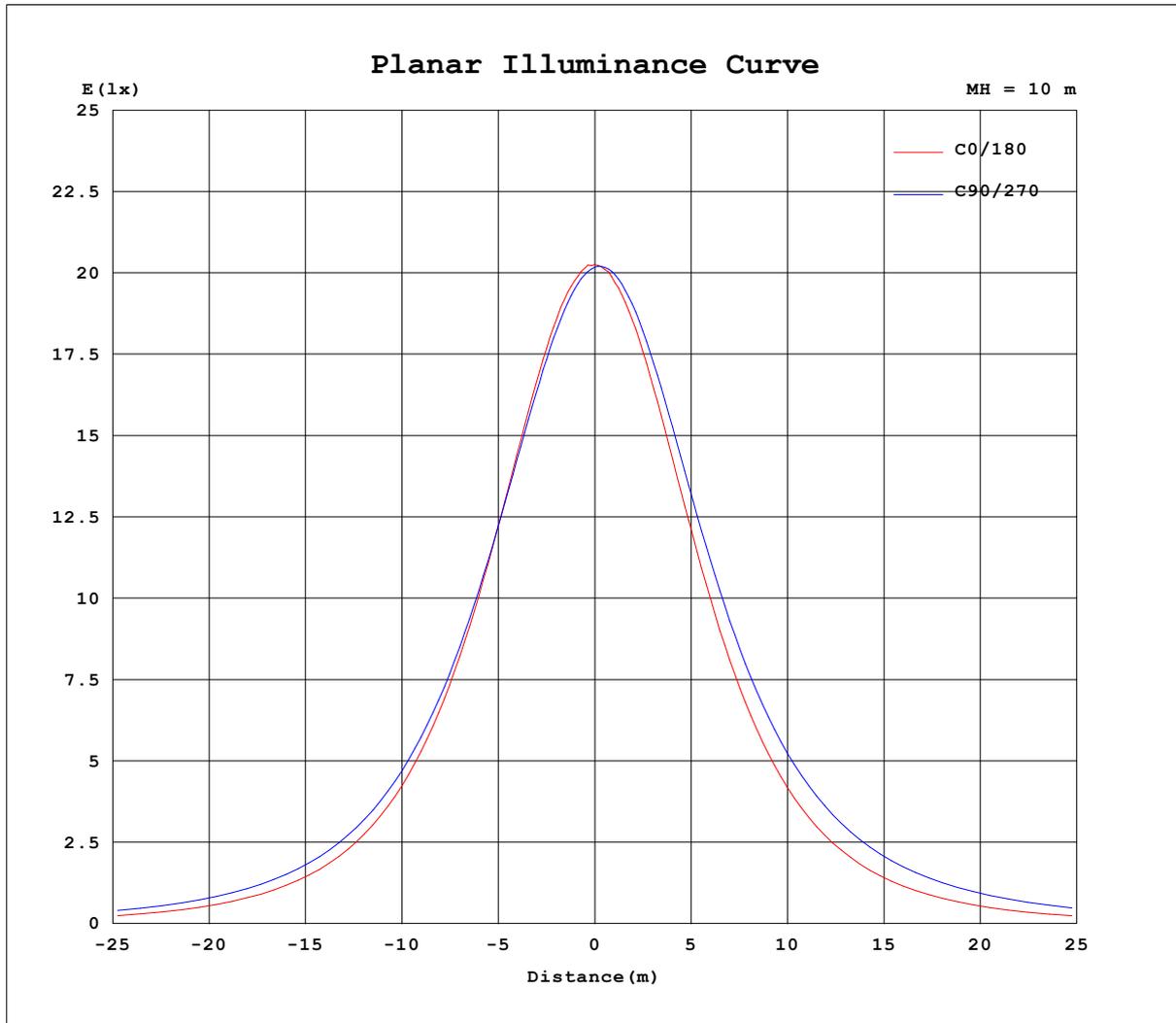
Planar Illuminance Curve

MH = 10 m

C0/180
C90/270

C Range: 0 - 360DEG	γ **Range: 0 - 180DEG**
C Interval: 15.0DEG	γ **Interval: 1.0DEG**
Test Speed: HIGH	**Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286**
Temperature:25.7DEG	**Humidity:62.0%**
Operators:华登	**Test Distance:9.960m [K=1.0000]**
Test Date:2020-08-24	**Remarks:**

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1   UNIT: cd

γ (DEG) \ C(DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021	2021
5	2008	2005	2000	1997	1995	1993	1993	1993	1993	1996	1999	2003	2007	2010	2017	2023	2027	2029	2032
10	1979	1967	1958	1953	1950	1949	1949	1949	1951	1952	1955	1961	1968	1977	1993	2005	2013	2018	2020
15	1919	1906	1898	1892	1889	1890	1892	1890	1889	1890	1890	1898	1908	1924	1945	1963	1977	1986	1990
20	1840	1824	1814	1813	1814	1818	1820	1819	1813	1808	1807	1815	1826	1848	1878	1903	1923	1935	1941
25	1741	1724	1715	1719	1728	1737	1740	1736	1726	1715	1707	1710	1723	1749	1787	1821	1848	1866	1874
30	1624	1605	1600	1613	1630	1646	1650	1643	1628	1606	1592	1590	1604	1636	1680	1723	1760	1782	1791
35	1492	1473	1477	1497	1523	1545	1552	1544	1520	1490	1464	1460	1473	1507	1560	1609	1656	1685	1698
40	1348	1334	1342	1372	1409	1438	1446	1436	1406	1367	1331	1319	1331	1368	1426	1487	1542	1580	1596
45	1198	1184	1201	1243	1289	1323	1333	1322	1285	1237	1191	1169	1183	1220	1286	1356	1423	1466	1484
50	1044	1033	1059	1111	1165	1205	1217	1204	1163	1105	1048	1019	1025	1070	1140	1223	1298	1349	1370
55	886	880	914	977	1039	1082	1097	1084	1037	973	906	868	870	915	994	1087	1172	1229	1251
60	730	729	775	847	914	960	975	961	913	843	766	718	717	763	852	955	1047	1109	1132
65	576	583	640	720	791	838	854	840	791	718	633	573	567	615	713	825	924	990	1013
70	426	443	514	600	674	719	735	722	674	599	509	436	418	473	584	703	805	872	896
75	283	315	399	490	563	606	620	608	564	490	394	307	277	342	464	588	692	758	781
80	154	202	298	390	461	501	515	504	463	392	295	196	150	227	357	484	585	649	671
85	49.9	114	214	302	370	408	421	412	373	304	211	109	48.9	133	265	390	488	547	567
90	0.92	56.5	146	230	292	327	340	330	295	232	144	52.6	0.68	70.8	192	309	399	453	471
95	0.70	25.1	96.3	170	226	258	270	260	229	172	95.2	22.8	0.68	35.8	135	240	322	370	386
100	0.82	10.3	61.2	122	172	201	212	203	175	124	58.9	9.43	0.83	18.4	90.2	175	254	298	311
105	1.01	4.19	37.2	86.0	128	154	163	156	130	86.3	36.4	3.87	0.99	9.76	59.6	131	193	230	248
110	1.20	2.01	21.6	58.5	93.3	116	124	118	95.2	59.0	20.8	1.86	1.17	5.15	40.7	95.0	149	182	189
115	1.40	1.57	11.9	38.2	66.0	85.2	92.3	86.7	66.5	37.6	10.9	1.47	1.39	2.97	24.6	68.2	110	138	149
120	1.59	1.73	6.39	23.7	44.9	60.5	66.3	61.6	45.4	21.6	5.81	1.64	1.60	2.16	15.2	43.7	80.6	103	111
125	1.80	1.91	3.55	14.0	29.0	41.0	45.7	42.0	29.2	12.3	3.36	1.84	1.84	1.94	9.33	28.0	59.4	77.2	79.4
130	2.01	2.11	2.53	7.80	17.6	26.2	29.8	27.0	15.7	6.96	2.44	2.05	2.06	2.05	5.81	18.0	36.0	55.6	60.2
135	2.21	2.32	2.45	4.38	9.97	15.6	18.1	16.2	8.74	4.12	2.32	2.27	2.25	2.23	3.89	11.2	22.0	38.0	41.6
140	2.43	2.49	2.62	3.02	5.43	8.60	10.1	8.96	4.90	2.95	2.51	2.46	2.39	2.40	2.96	6.84	13.4	24.1	27.0
145	2.60	2.69	2.79	2.88	3.37	4.66	5.38	4.63	3.31	2.76	2.69	2.66	2.58	2.56	2.71	4.38	8.31	14.0	16.3
150	2.80	2.86	2.95	3.00	3.02	3.21	3.40	3.07	2.95	2.93	2.87	2.81	2.72	2.72	2.74	3.28	4.97	6.95	9.10
155	2.95	3.02	3.09	3.14	3.14	3.17	3.21	3.00	3.10	3.05	3.01	2.97	2.88	2.87	2.89	2.96	3.44	4.10	4.99
160	3.08	3.13	3.20	3.25	3.23	3.26	3.30	3.12	3.22	3.18	3.12	3.08	2.99	3.00	3.02	3.01	3.07	3.19	3.35
165	3.19	3.25	3.30	3.35	3.33	3.35	3.41	3.17	3.31	3.26	3.24	3.21	3.11	3.12	3.13	3.14	3.19	3.20	3.22
170	3.27	3.31	3.37	3.40	3.40	3.43	3.53	3.27	3.38	3.33	3.29	3.26	3.23	3.23	3.26	3.27	3.31	3.34	3.36
175	3.32	3.36	3.43	3.45	3.44	3.45	3.55	3.27	3.39	3.39	3.32	3.32	3.33	3.39	3.39	3.42	3.42	3.46	3.53
180	3.33	3.39	3.42	3.43	3.44	3.46	3.56	3.28	3.40	3.34	3.34	3.33	3.35	3.38	3.41	3.43	3.47	3.46	3.55

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2   UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345
0	2021	2021	2021	2021	2021
5	2029	2027	2025	2019	2015
10	2017	2014	2003	1996	1986
15	1984	1979	1964	1950	1934
20	1933	1922	1902	1882	1860
25	1864	1849	1821	1793	1764
30	1781	1760	1723	1688	1653
35	1684	1656	1610	1565	1521
40	1576	1542	1488	1432	1384
45	1464	1423	1356	1291	1235
50	1347	1298	1221	1146	1082
55	1226	1172	1086	999	927
60	1106	1045	952	854	773
65	985	922	822	715	622
70	868	803	698	583	479
75	754	689	583	463	345
80	644	582	478	355	228
85	542	483	384	262	134
90	449	395	303	188	70.0
95	366	316	234	132	34.7
100	294	249	178	90.3	17.1
105	233	194	132	60.8	8.73
110	182	148	96.1	40.2	4.63
115	139	111	68.7	26.1	2.71
120	101	81.7	47.9	16.5	1.96
125	73.9	57.5	32.3	10.2	1.84
130	51.5	37.5	20.5	6.03	1.98
135	35.1	25.3	12.6	3.86	2.18
140	22.9	16.0	7.53	2.84	2.35
145	13.6	9.27	4.59	2.56	2.50
150	7.44	5.23	3.16	2.65	2.66
155	4.10	3.38	2.84	2.79	2.82
160	2.94	2.96	2.95	2.94	2.95
165	2.94	3.07	3.06	3.05	3.07
170	3.09	3.22	3.19	3.18	3.19
175	3.26	3.39	3.35	3.31	3.34
180	3.26	3.42	3.37	3.35	3.34

C Range: 0 - 360DEG   γ Range: 0 - 180DEG
C Interval: 15.0DEG   γ Interval: 1.0DEG
Test Speed: HIGH   Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.286
Temperature:25.7DEG   Humidity:62.0%
Operators:华登   Test Distance:9.960m [K=1.0000]
Test Date:2020-08-24   Remarks: