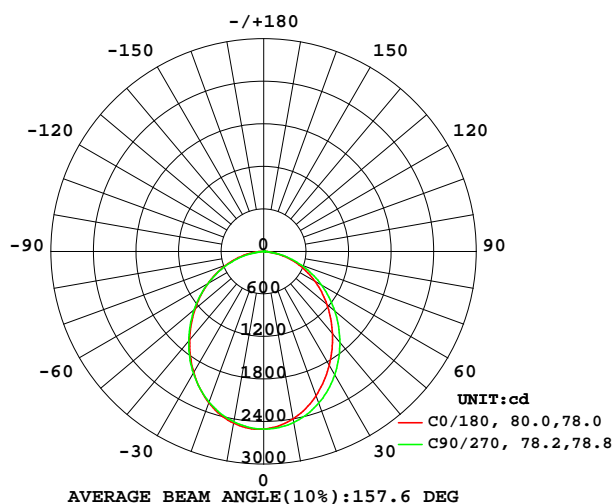


## LUMINAIRE PHOTOMETRIC TEST REPORT

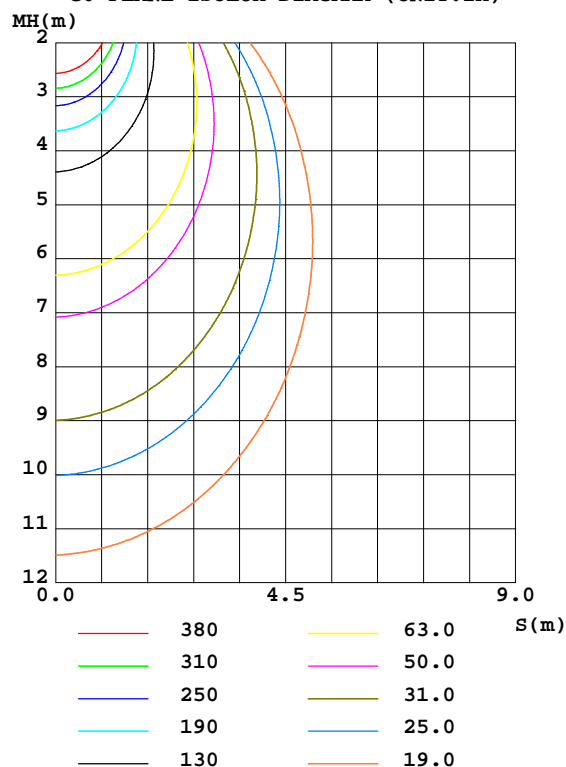
Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.38 lm/W			
MODEL	48W-乳白	Imax(cd)	2508	S/MH(C0/180)	1.18
NOMINAL POWER(W)	48	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	6267.9	$\eta$ UP,DN(C0-180)	0.1,50.0
NOMINAL FLUX(lm)	6267.89	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.1,49.8
LAMPS INSIDE	1	$\eta$ up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	277.0	$\eta$ down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Leo  
Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity:60.0%  
Test Distance:26.000m [K=1.3570]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	2398	2422	2448	2462	2459	2455	2439	2411	0- 10	235.8	235.8	3.76,3.76
20	2164	2215	2275	2285	2270	2273	2260	2197	10- 20	662.6	898.4	14.3,14.3
30	1853	1919	2006	2003	1974	1988	1985	1899	20- 30	969.4	1868	29.8,29.8
40	1512	1579	1675	1664	1625	1644	1647	1559	30- 40	1117	2985	47.6,47.6
50	1165	1222	1311	1301	1265	1277	1285	1208	40- 50	1106	4092	65.3,65.3
60	830.4	870.9	938.5	934.5	912.0	916.7	911.5	855.6	50- 60	960.6	5052	80.6,80.6
70	501.1	522.6	566.3	576.3	569.1	556.7	540.8	510.3	60- 70	710.0	5762	91.9,91.9
80	197.7	201.5	212.2	240.9	251.4	225.8	192.8	190.1	70- 80	393.7	6156	98.2,98.2
90	0.3056	0.2092	0.8036	4.274	0	0	0.8414	0	80- 90	103.5	6259	99.9,99.9
100	0	0	0.5236	0	0.0009	0	2.257	0.2116	90-100	0.2103	6260	99.9,99.9
110	0	0.3682	1.260	0.2640	0.2655	0.2129	2.418	0.5844	100-110	0.4524	6260	99.9,99.9
120	0.5310	1.160	1.574	0.8991	0.5333	0.7382	2.473	1.374	110-120	0.8290	6261	99.9,99.9
130	0.9028	1.318	2.988	1.217	0.9014	1.004	4.194	1.798	120-130	1.363	6262	99.9,99.9
140	0.9559	1.424	3.200	1.481	1.115	1.477	4.881	1.960	130-140	1.572	6264	99.9,99.9
150	1.379	2.529	4.513	2.166	1.646	2.215	4.723	3.703	140-150	1.542	6265	100,100
160	1.434	3.006	4.618	2.962	1.700	2.320	3.359	4.020	150-160	1.330	6267	100,100
170	1.806	3.164	4.775	3.650	2.230	2.637	4.199	4.443	160-170	0.8592	6268	100,100
180	2.177	3.588	6.140	4.179	2.283	2.637	3.833	4.494	170-180	0.3405	6268	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

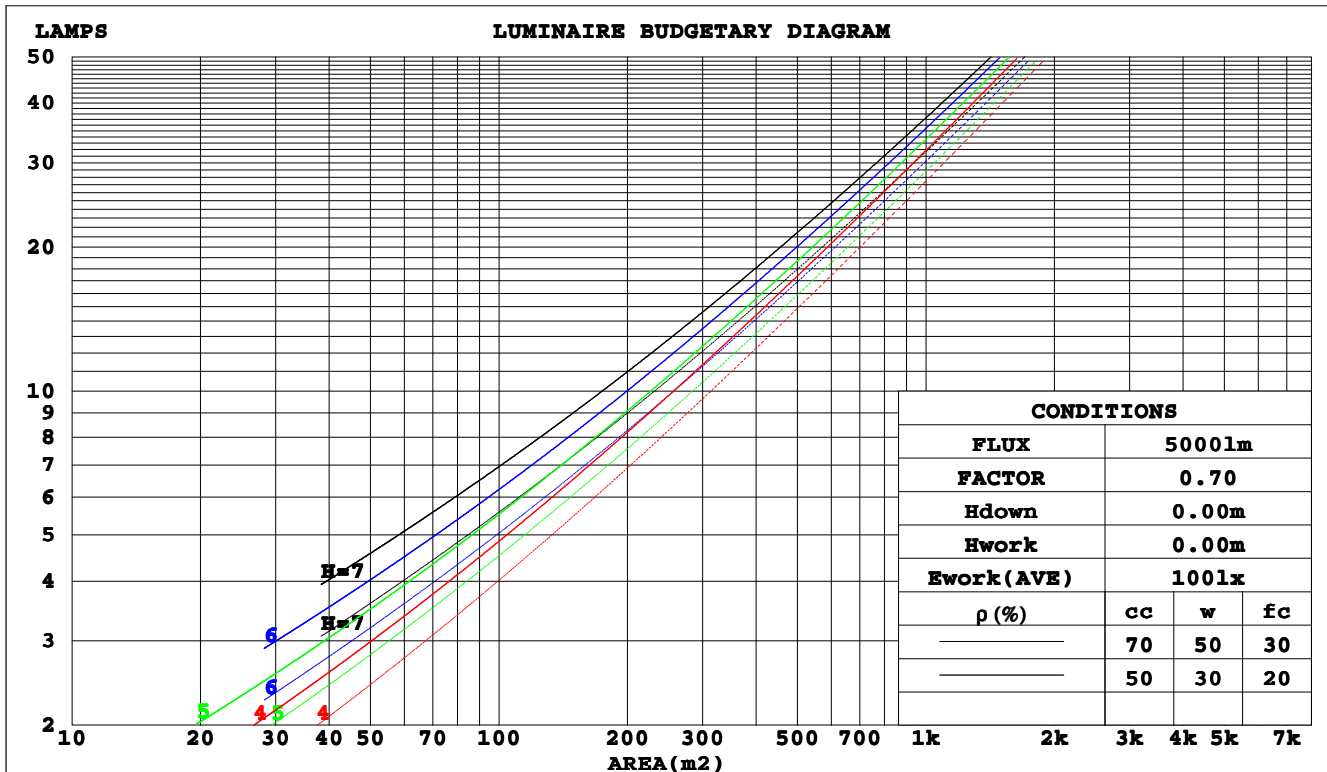
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Leo  
 Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
 Humidity:60.0%  
 Test Distance:26.000m [K=1.3570]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.00
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.90	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.64	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.35	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.38	.32	.27	.26



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Leo  
Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity:60.0%  
Test Distance:26.000m [K=1.3570]  
Remarks:

## WEC AND CCEC

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm					
NAME: 48W-乳白			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: kangfulai			SUR.:		PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.299	.170	.054	.292	.166	.053	.278	.160	.051	.266	.153	.049	.255	.148	.048	
2.0	.282	.155	.047	.276	.152	.047	.264	.147	.046	.254	.142	.045	.244	.138	.043	
3.0	.262	.139	.042	.256	.137	.041	.246	.133	.041	.237	.130	.040	.228	.126	.039	
4.0	.242	.126	.037	.238	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.225	.114	.033	.220	.113	.033	.212	.110	.033	.205	.108	.032	.198	.106	.032	
6.0	.209	.105	.030	.205	.104	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029	
7.0	.195	.096	.027	.191	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.023	
10.0	.161	.077	.021	.158	.076	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.181	.157	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.100	.147	.114	.087	.101	.079	.060	.058	.046	.035	.019	.015	.012	
3.0	.164	.115	.076	.141	.099	.066	.097	.069	.047	.056	.040	.027	.018	.013	.009	
4.0	.156	.102	.060	.134	.088	.052	.092	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.091	.049	.128	.079	.043	.088	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.142	.083	.041	.122	.072	.036	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.035	.116	.066	.030	.080	.046	.022	.047	.027	.013	.015	.009	.004	
8.0	.129	.070	.030	.111	.061	.026	.077	.043	.019	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.027	.106	.057	.023	.073	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.117	.061	.024	.101	.053	.021	.070	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Leo  
 Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
 Humidity:60.0%  
 Test Distance:26.000m [K=1.3570]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm										
NAME: 48W-乳白					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: kangfulai					SUR.:			PROTECTION ANGLE:		
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	22.5	24.0	22.8	24.2	24.4	23.0	24.5	23.3	24.7	24.9
3H	23.9	25.2	24.2	25.5	25.7	24.4	25.8	24.7	26.0	26.3
4H	24.4	25.7	24.7	25.9	26.2	25.0	26.3	25.3	26.5	26.8
6H	24.7	26.0	25.1	26.2	26.5	25.3	26.5	25.6	26.8	27.1
8H	24.8	26.0	25.2	26.3	26.6	25.4	26.6	25.7	26.9	27.2
12H	24.9	26.0	25.3	26.3	26.6	25.4	26.6	25.8	26.8	27.2
4H 2H	23.1	24.4	23.4	24.7	24.9	23.5	24.8	23.8	25.1	25.3
3H	24.7	25.8	25.0	26.1	26.4	25.1	26.2	25.5	26.5	26.8
4H	25.3	26.3	25.7	26.7	27.0	25.8	26.8	26.1	27.1	27.5
6H	25.8	26.7	26.2	27.0	27.4	26.2	27.1	26.6	27.5	27.9
8H	25.9	26.8	26.3	27.1	27.5	26.3	27.2	26.8	27.6	28.0
12H	26.0	26.8	26.4	27.2	27.6	26.4	27.2	26.8	27.6	28.0
8H 4H	25.5	26.4	26.0	26.8	27.2	26.0	26.8	26.4	27.2	27.6
6H	26.1	26.9	26.6	27.3	27.7	26.5	27.3	27.0	27.7	28.1
8H	26.4	27.0	26.8	27.4	27.9	26.7	27.4	27.2	27.8	28.2
12H	26.5	27.1	27.0	27.5	28.0	26.8	27.4	27.3	27.8	28.3
12H 4H	25.6	26.3	26.0	26.7	27.1	26.0	26.8	26.4	27.1	27.5
6H	26.2	26.8	26.7	27.2	27.7	26.6	27.2	27.0	27.6	28.1
8H	26.5	27.0	26.9	27.4	27.9	26.8	27.3	27.3	27.8	28.3
Variations with the observer position at spacings:										
s = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 6268 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.4)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Leo  
 Test Date:2015-12-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
 Humidity:60.0%  
 Test Distance:26.000m [K=1.3570]  
 Remarks:

# UTILIZATION FACTORS TABLE

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:

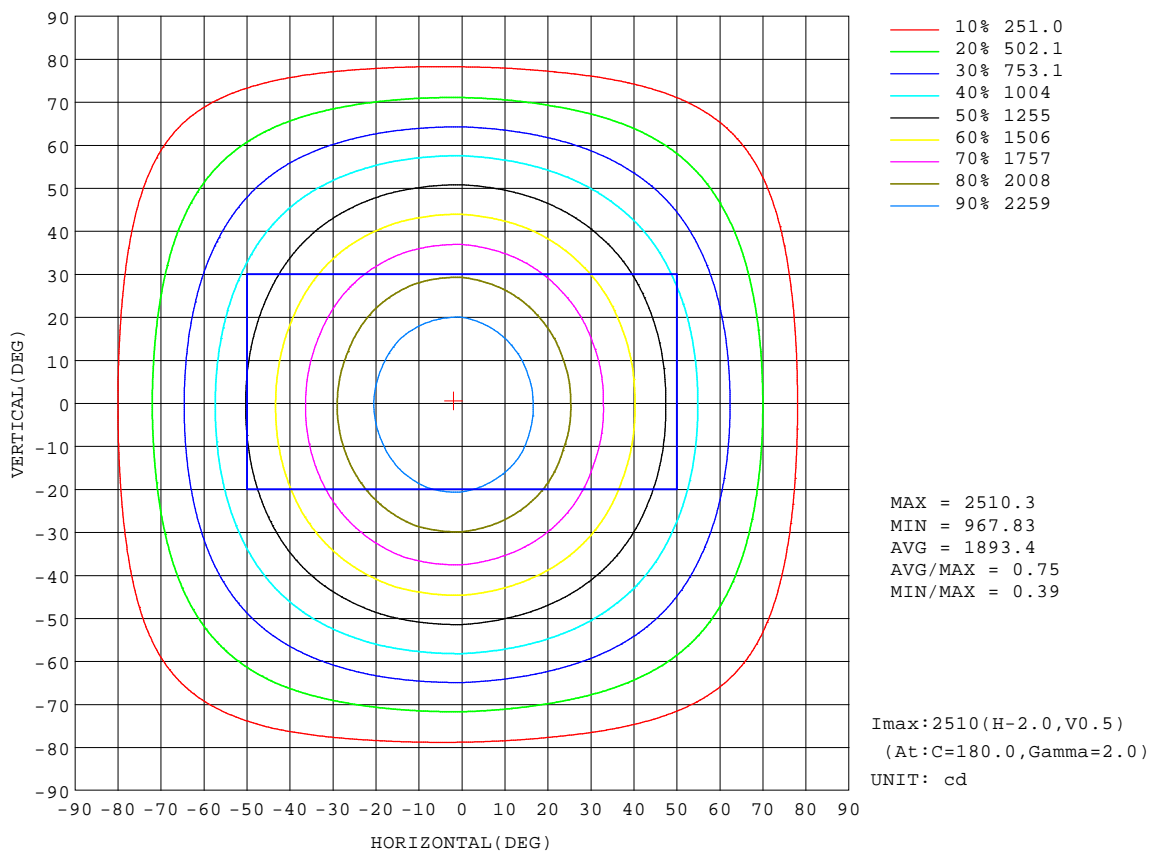
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	59	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	78	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	71	64
2.00	96	88	81	94	87	81	91	84	79	72
2.50	100	92	86	98	91	85	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Leo  
Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity:60.0%  
Test Distance:26.000m [K=1.3570]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:



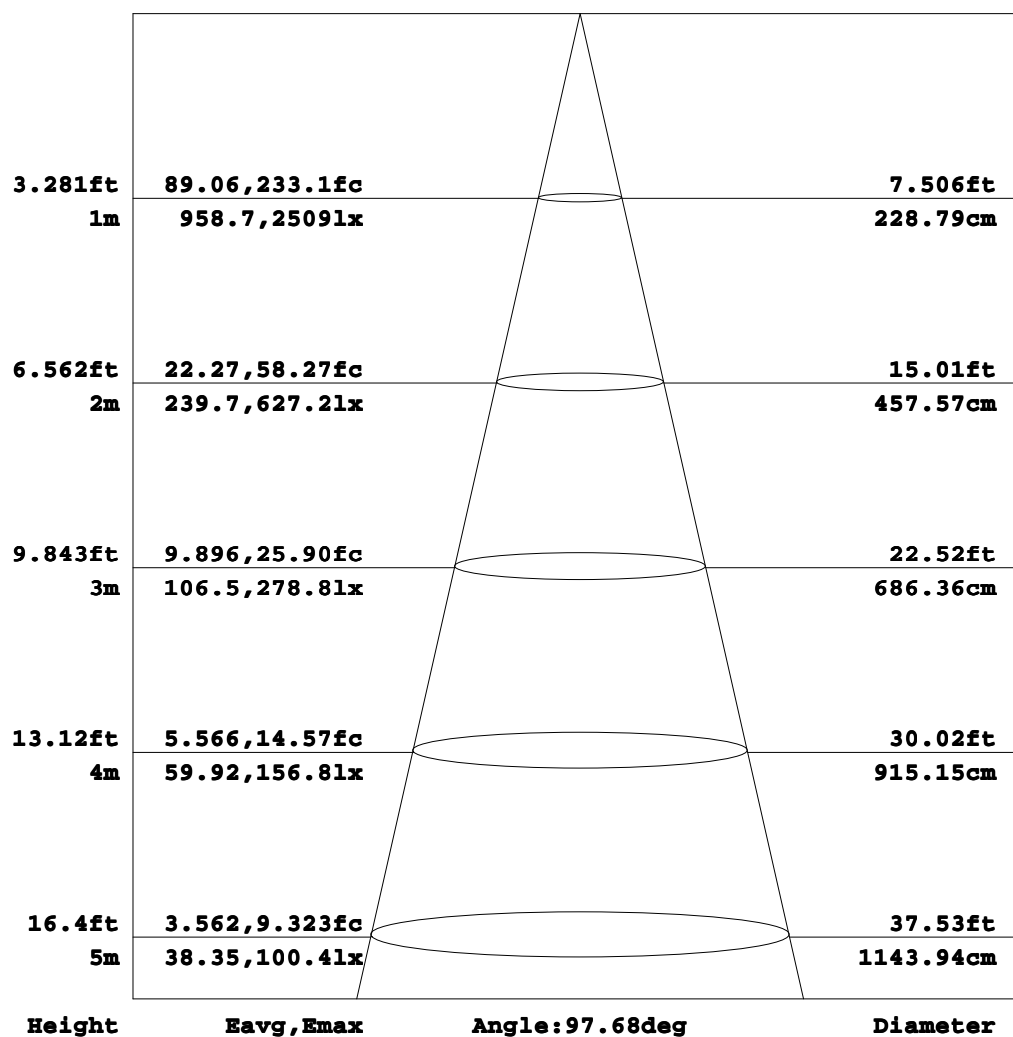
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Leo  
Test Date: 2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity: 60.0%  
Test Distance: 26.000m [K=1.3570]  
Remarks:

## AAI Figure

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:

Flux out:3986 lm



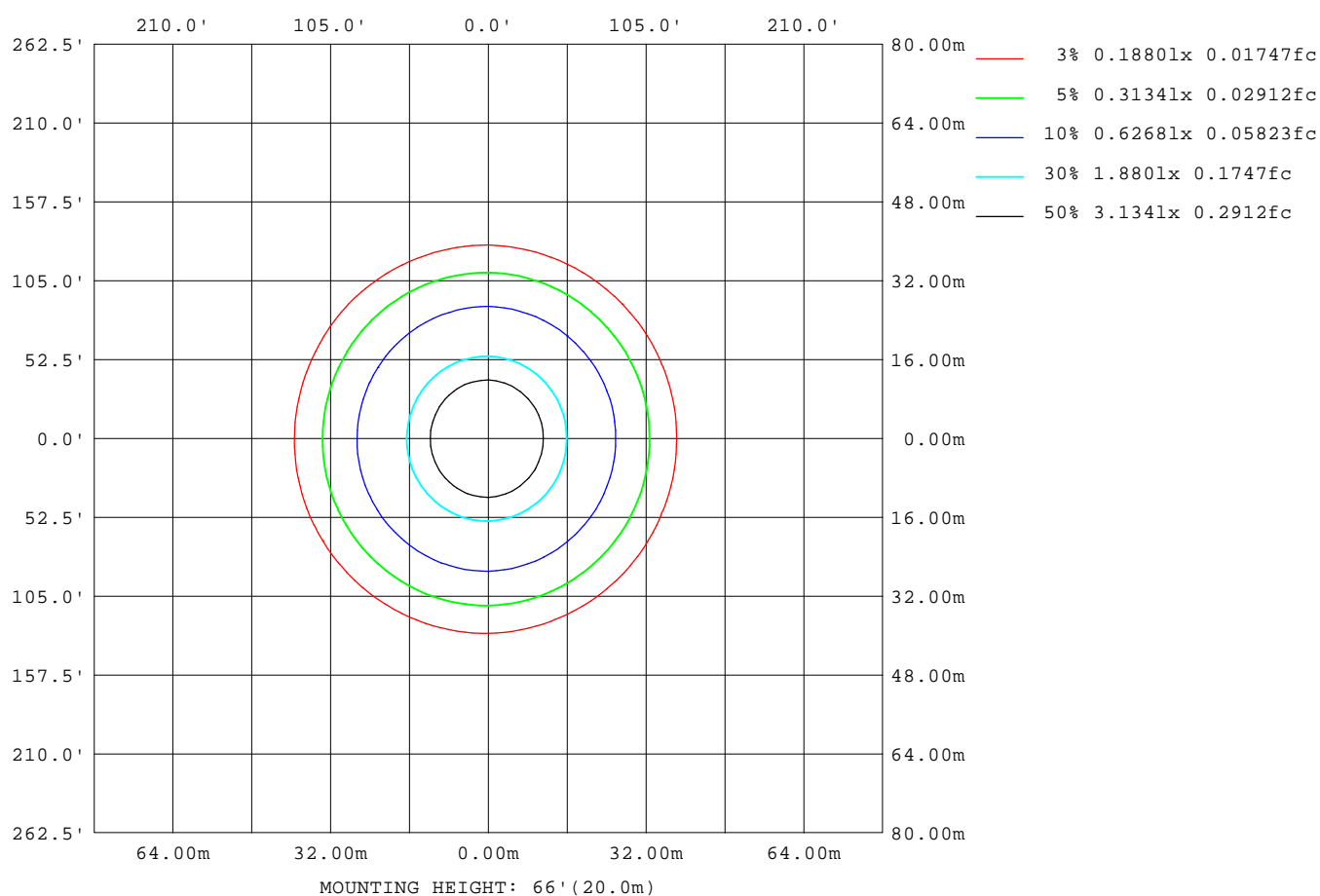
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Leo  
Test Date: 2015-12-02

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity: 60.0%  
Test Distance: 26.000m [K=1.3570]  
Remarks:

## ISOLUX DIAGRAM

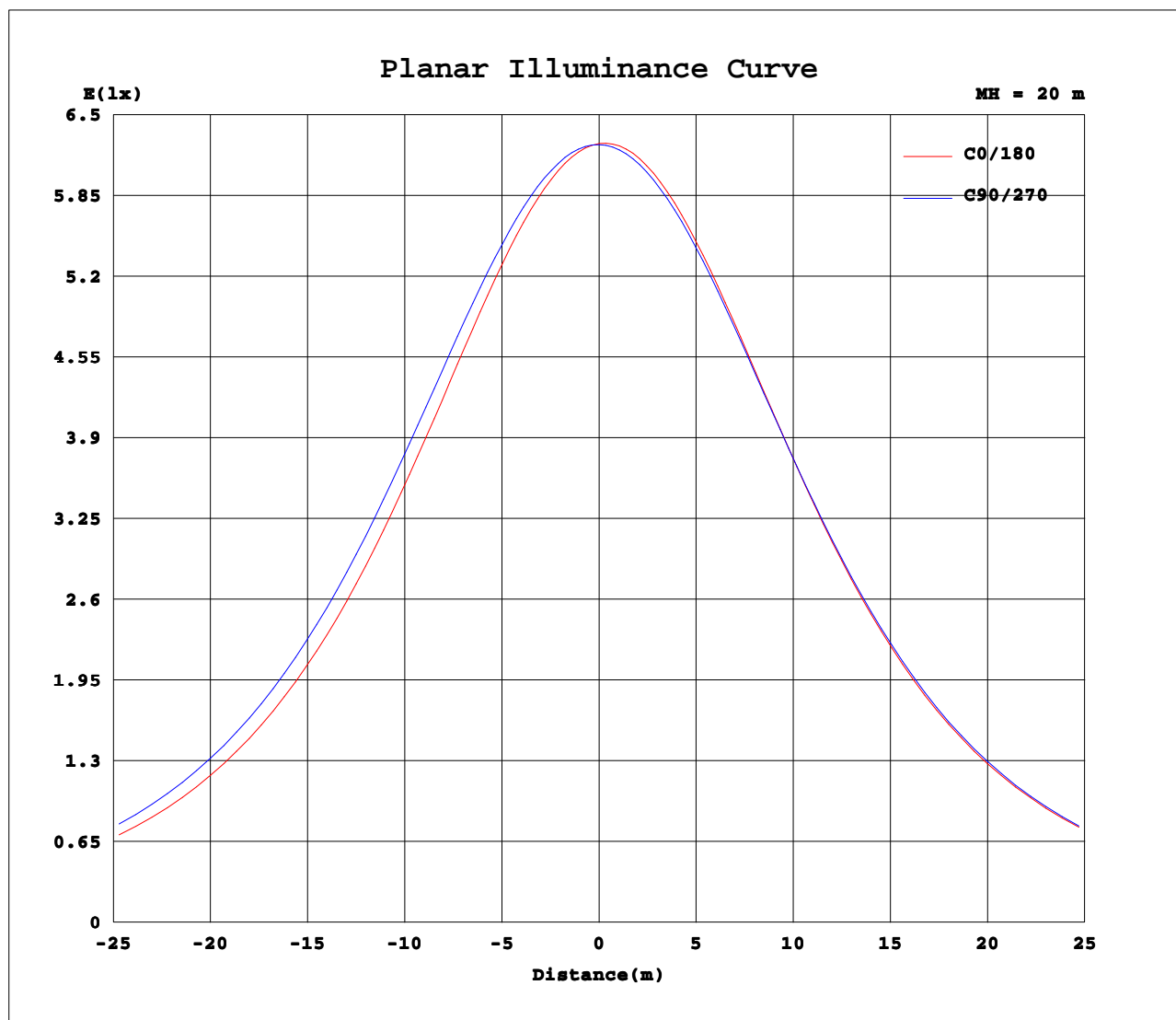
Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm		
NAME: 48W-乳白	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: kangfulai	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Leo  
Test Date: 2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity: 60.0%  
Test Distance: 26.000m [K=1.3570]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Leo  
Test Date: 2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.284  
Humidity: 60.0%  
Test Distance: 26.000m [K=1.3570]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.0V I:0.1942A P:49.20W PF:0.9148 Lamp Flux:6267.89x1 lm																		
NAME: 48W-乳白									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: kangfulai									SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505	2505			
5	2470	2473	2477	2485	2492	2497	2501	2501	2502	2499	2500	2493	2488	2480	2475	2470			
10	2398	2405	2422	2432	2448	2456	2462	2460	2459	2456	2455	2449	2439	2424	2411	2401			
15	2295	2305	2333	2351	2375	2386	2388	2383	2381	2376	2379	2372	2363	2339	2317	2301			
20	2164	2179	2215	2245	2275	2288	2285	2275	2270	2264	2273	2267	2260	2229	2197	2173			
25	2016	2030	2075	2115	2152	2164	2155	2141	2132	2127	2141	2145	2132	2096	2057	2026			
30	1853	1869	1919	1966	2006	2019	2003	1987	1974	1970	1988	1997	1985	1946	1899	1867			
35	1683	1704	1753	1801	1845	1857	1839	1819	1804	1800	1821	1833	1822	1782	1732	1698			
40	1512	1531	1579	1627	1675	1685	1664	1643	1625	1623	1644	1656	1647	1610	1559	1526			
45	1338	1358	1400	1448	1495	1504	1483	1462	1445	1443	1461	1473	1467	1433	1384	1353			
50	1165	1185	1222	1268	1311	1319	1301	1281	1265	1263	1277	1287	1285	1250	1208	1179			
55	998	1012	1045	1087	1125	1131	1117	1102	1087	1083	1096	1103	1099	1066	1032	1008			
60	830	841	871	905	938	943	934	921	912	906	917	917	911	884	856	839			
65	664	672	697	722	751	757	754	750	739	731	736	730	725	701	681	669			
70	501	507	523	541	566	571	576	570	569	561	557	549	541	521	510	498			
75	343	347	355	364	384	392	403	407	404	395	384	370	360	348	343	342			
80	198	202	202	202	212	225	241	246	251	242	226	206	193	187	190	196			
85	88.7	88.5	79.7	69.9	70.5	83.8	104	120	125	115	94.6	71.2	57.2	58.2	70.8	85.2			
90	0.31	0.29	0.21	0.63	0.80	3.50	4.27	1.97	0.00	0.00	0.00	0.00	0.84	0.11	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.37	0.00	0.00			
100	0.00	0.00	0.00	0.26	0.52	0.21	0.00	0.00	0.00	0.00	0.00	0.16	2.26	0.74	0.21	0.00			
105	0.00	0.00	0.00	0.47	1.16	0.37	0.00	0.00	0.11	0.05	0.16	0.16	2.05	1.00	0.38	0.16			
110	0.00	0.00	0.37	1.15	1.26	0.74	0.26	0.16	0.27	0.26	0.21	0.63	2.42	1.26	0.58	0.53			
115	0.48	0.42	0.58	1.20	1.57	1.21	0.48	0.26	0.32	0.48	0.53	0.68	2.57	1.26	0.95	0.64			
120	0.53	0.58	1.16	1.31	1.57	1.16	0.90	0.53	0.53	0.69	0.74	1.05	2.47	1.68	1.37	0.80			
125	0.74	1.00	1.32	2.30	2.26	2.26	1.27	0.95	0.69	0.90	0.90	1.68	3.53	2.90	1.48	1.17			
130	0.90	1.21	1.32	2.88	2.99	2.79	1.22	1.06	0.90	1.00	1.00	2.25	4.19	3.53	1.80	1.27			
135	0.90	1.27	1.37	2.98	2.94	3.05	1.48	1.22	1.01	1.27	1.37	2.46	4.25	3.58	1.90	1.49			
140	0.96	1.27	1.42	3.14	3.20	3.21	1.48	1.33	1.12	1.38	1.48	2.88	4.88	3.68	1.96	1.91			
145	1.28	1.32	1.74	3.29	3.62	3.21	1.48	1.33	1.43	1.74	1.85	2.93	5.20	3.89	2.70	2.07			
150	1.38	1.58	2.53	3.45	4.51	3.42	2.17	1.59	1.65	1.90	2.21	2.93	4.72	3.95	3.70	2.60			
155	1.38	2.06	2.95	3.77	4.57	3.58	2.91	2.07	1.70	2.11	2.27	2.93	3.88	3.89	3.76	2.65			
160	1.43	2.06	3.01	3.66	4.62	3.42	2.96	2.17	1.70	2.06	2.32	2.72	3.36	4.00	4.02	2.87			
165	1.43	2.16	3.01	3.66	4.10	3.32	3.02	2.17	1.96	2.01	2.37	2.72	3.31	4.79	4.02	3.24			
170	1.81	2.22	3.16	3.77	4.77	3.95	3.65	2.33	2.23	2.06	2.64	3.50	4.20	6.16	4.44	3.93			
175	1.96	2.43	3.63	3.77	5.92	4.10	4.07	2.49	2.23	2.22	2.69	3.40	3.88	6.47	4.60	4.08			
180	2.18	3.00	3.59	3.82	6.14	4.73	4.18	2.71	2.28	2.16	2.64	3.40	3.83	6.00	4.49	4.19			

**C Range: 0 - 360DEG**  
**C Interval: 22.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.2DEG**  
**Operators:Leo**  
**Test Date:2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.284**  
**Humidity:60.0%**  
**Test Distance:26.000m [K=1.3570]**  
**Remarks:**