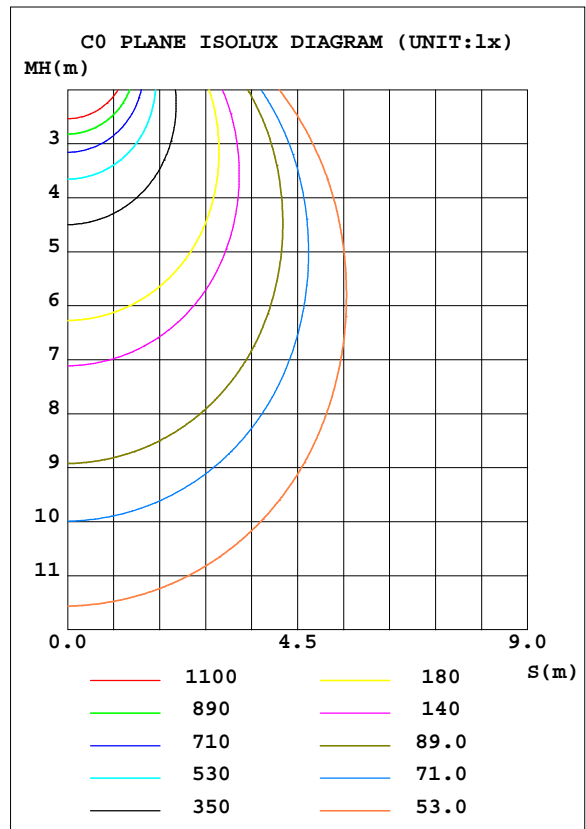
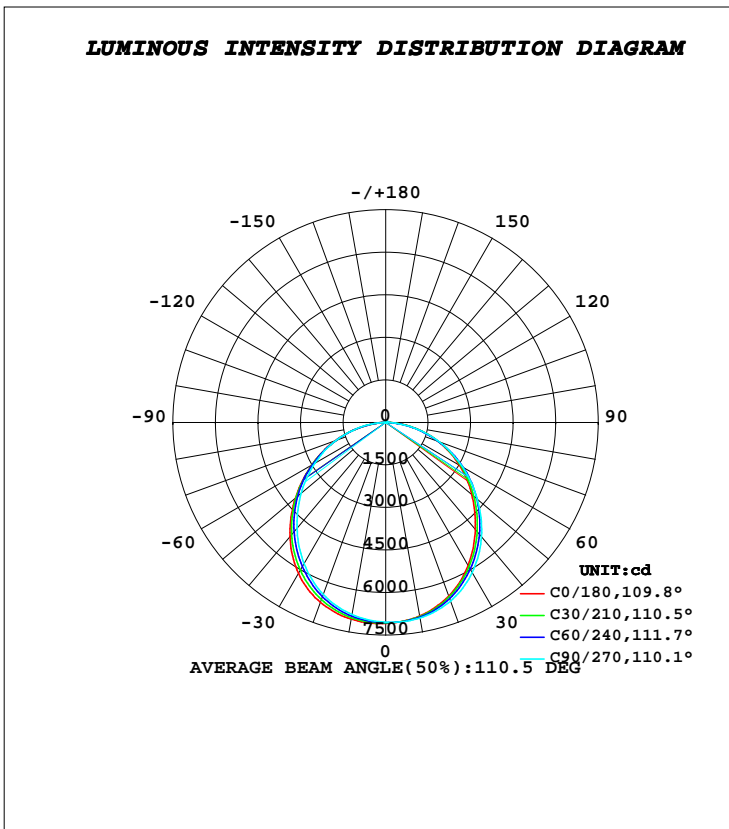


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
200w LED High Bay		TYPE:LED
DIM.: 500*500*100MM		SUR.:310*310MM

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.82 lm/W			
MODEL		I <sub>max</sub> (cd)	7096	S/MH(C0/180)	1.23
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	20220	η UP, DN(C0-180)	0.7, 50.2
NOMINAL FLUX(lm)	20220.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 48.4
LAMPS INSIDE	1	η up(%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	222.6	η down(%)	98.6	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.6625]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	6927	6959	6999	7001	7040	6961	6878	6830	0- 10	668.1	668.1	3.3,3.3
20	6511	6579	6698	6733	6746	6590	6450	6382	10- 20	1918	2586	12.8,12.8
30	5821	5925	6108	6161	6155	5949	5755	5680	20- 30	2898	5485	27.1,27.1
40	4923	5087	5258	5299	5252	5098	4870	4814	30- 40	3457	8942	44.2,44.2
50	3974	4127	4221	4250	4164	4090	3893	3871	40- 50	3538	12480	61.7,61.7
60	3000	3114	3134	3142	3022	2987	2879	2898	50- 60	3181	15661	77.5,77.5
70	1989	1987	2021	1944	1916	1856	1870	1871	60- 70	2455	18116	89.6,89.6
80	938.6	888.2	896.0	802.1	786.9	772.7	821.2	817.3	70- 80	1452	19568	96.8,96.8
90	39.78	38.43	37.03	37.02	31.09	31.38	31.62	31.59	80- 90	372.5	19940	98.6,98.6
100	40.77	40.17	40.05	40.03	35.46	35.76	36.08	36.05	90-100	39.44	19980	98.8,98.8
110	43.92	43.28	43.06	43.06	39.96	40.21	40.54	40.52	100-110	42.24	20022	99,99
120	43.04	42.58	42.28	42.22	43.83	43.98	44.20	44.21	110-120	42.70	20065	99.2,99.2
130	41.99	41.52	41.21	41.15	47.21	47.23	47.26	47.25	120-130	38.98	20104	99.4,99.4
140	48.65	48.22	48.00	48.23	50.42	50.29	50.12	50.04	130-140	35.85	20140	99.6,99.6
150	53.72	53.39	53.27	53.66	54.11	53.90	53.59	53.41	140-150	32.34	20172	99.8,99.8
160	57.96	57.65	57.48	57.87	58.40	58.05	57.71	57.55	150-160	25.72	20198	99.9,99.9
170	61.05	60.71	60.59	60.78	61.79	61.31	60.99	60.92	160-170	16.85	20215	100,100
180	62.55	62.21	62.03	62.02	62.67	62.19	61.89	62.00	170-180	5.880	20220	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

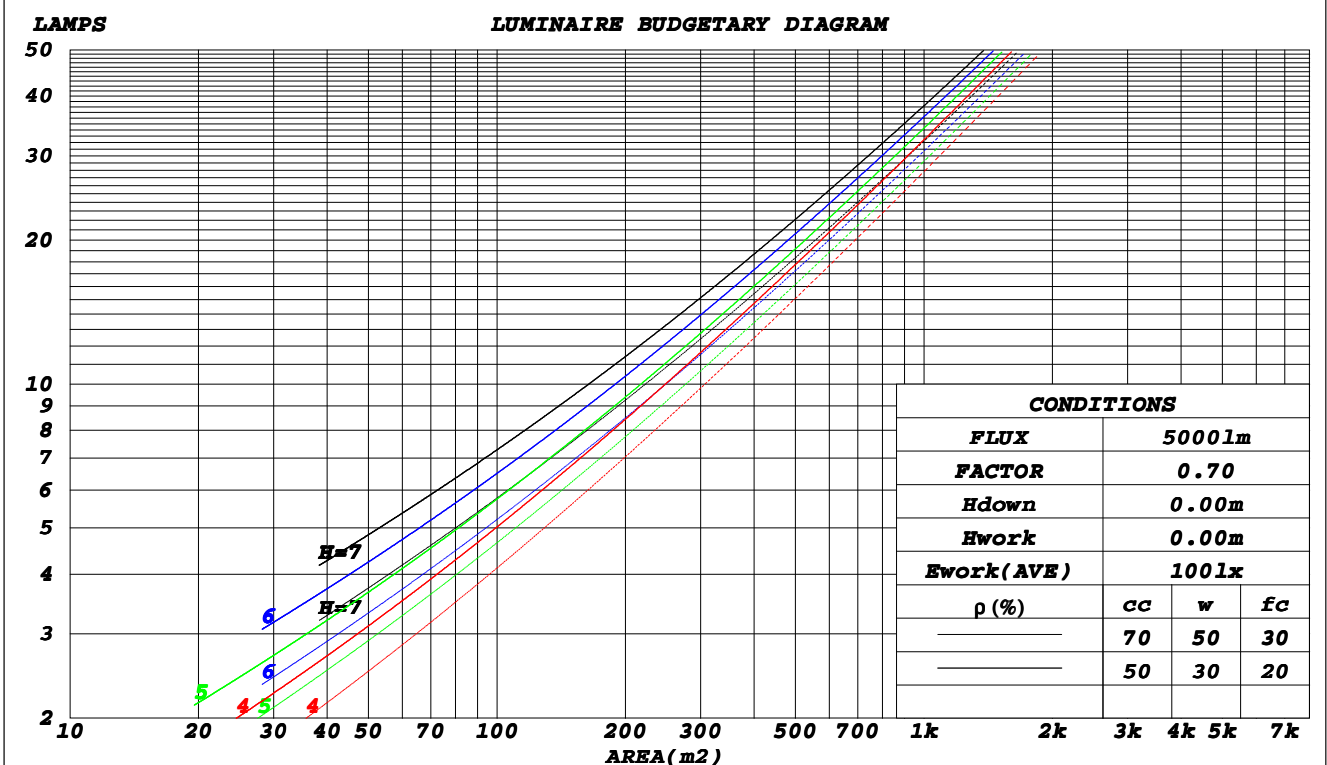
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2015-12-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.6625]**  
**Remarks:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																
ρfc																
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.81	.76	.73	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2015-12-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:8.000m [K=0.6625]  
 Remarks:

**WEC AND CCEC**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	

$\rho_{cc}$	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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.310	.176	.056	.302	.172	.055	.288	.165	.053	.275	.159	.051	.263	.153	.049	
2.0	.291	.160	.049	.285	.157	.048	.272	.151	.047	.261	.146	.046	.250	.142	.045	
3.0	.269	.143	.043	.264	.141	.042	.253	.137	.042	.242	.133	.041	.233	.129	.040	
4.0	.249	.129	.038	.243	.127	.038	.234	.124	.037	.224	.121	.036	.216	.117	.036	
5.0	.230	.117	.034	.225	.116	.034	.216	.113	.033	.208	.110	.033	.201	.107	.032	
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.187	.098	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.075	.021	.146	.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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.191	.167	.145	.163	.143	.125	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.143	.109	.157	.123	.094	.107	.085	.066	.062	.049	.038	.020	.016	.013	
3.0	.175	.125	.085	.150	.108	.074	.103	.075	.052	.060	.044	.031	.019	.014	.010	
4.0	.168	.112	.069	.144	.097	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.058	.137	.088	.051	.095	.061	.036	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.050	.131	.081	.044	.091	.056	.031	.053	.033	.018	.017	.011	.006	
7.0	.146	.086	.044	.126	.075	.039	.087	.052	.027	.050	.031	.016	.016	.010	.005	
8.0	.140	.080	.040	.120	.070	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
9.0	.134	.075	.036	.115	.065	.032	.080	.046	.022	.046	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.110	.062	.029	.076	.043	.021	.045	.026	.012	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2015-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:8.000m [K=0.6625]  
 Remarks:

**Uncorrected UGR Table**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	

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	27.1	28.6	27.4	28.8	29.1	27.3	28.8	27.6	29.1	29.3
3H	28.7	30.1	29.1	30.4	30.6	28.9	30.3	29.2	30.6	30.8
4H	29.4	30.8	29.8	31.0	31.3	29.6	30.9	29.9	31.2	31.5
6H	30.0	31.2	30.3	31.5	31.8	30.1	31.3	30.4	31.6	31.9
8H	30.2	31.4	30.5	31.7	32.0	30.2	31.4	30.6	31.7	32.0
12H	30.3	31.4	30.6	31.7	32.1	30.3	31.4	30.7	31.8	32.1
4H 2H	27.8	29.1	28.1	29.4	29.7	28.0	29.3	28.3	29.5	29.8
3H	29.6	30.7	30.0	31.1	31.4	29.7	30.9	30.1	31.2	31.5
4H	30.4	31.5	30.8	31.8	32.2	30.5	31.6	30.9	31.9	32.3
6H	31.1	32.0	31.5	32.4	32.8	31.1	32.0	31.5	32.4	32.8
8H	31.3	32.2	31.8	32.6	33.0	31.3	32.2	31.8	32.6	33.0
12H	31.5	32.3	31.9	32.7	33.1	31.4	32.2	31.9	32.7	33.1
8H 4H	30.7	31.6	31.2	32.0	32.4	30.8	31.7	31.2	32.0	32.5
6H	31.5	32.3	32.0	32.7	33.2	31.5	32.3	32.0	32.7	33.2
8H	31.9	32.5	32.4	33.0	33.5	31.8	32.5	32.3	32.9	33.4
12H	32.1	32.7	32.6	33.2	33.7	32.0	32.6	32.5	33.1	33.6
12H 4H	30.7	31.5	31.2	31.9	32.4	30.8	31.6	31.2	32.0	32.4
6H	31.6	32.3	32.1	32.7	33.2	31.6	32.3	32.1	32.7	33.2
8H	32.0	32.5	32.5	33.0	33.5	31.9	32.5	32.4	33.0	33.5
<b>Variations with the observer position at spacings:</b>										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 20220 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.4)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2015-12-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:8.000m [K=0.6625]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	

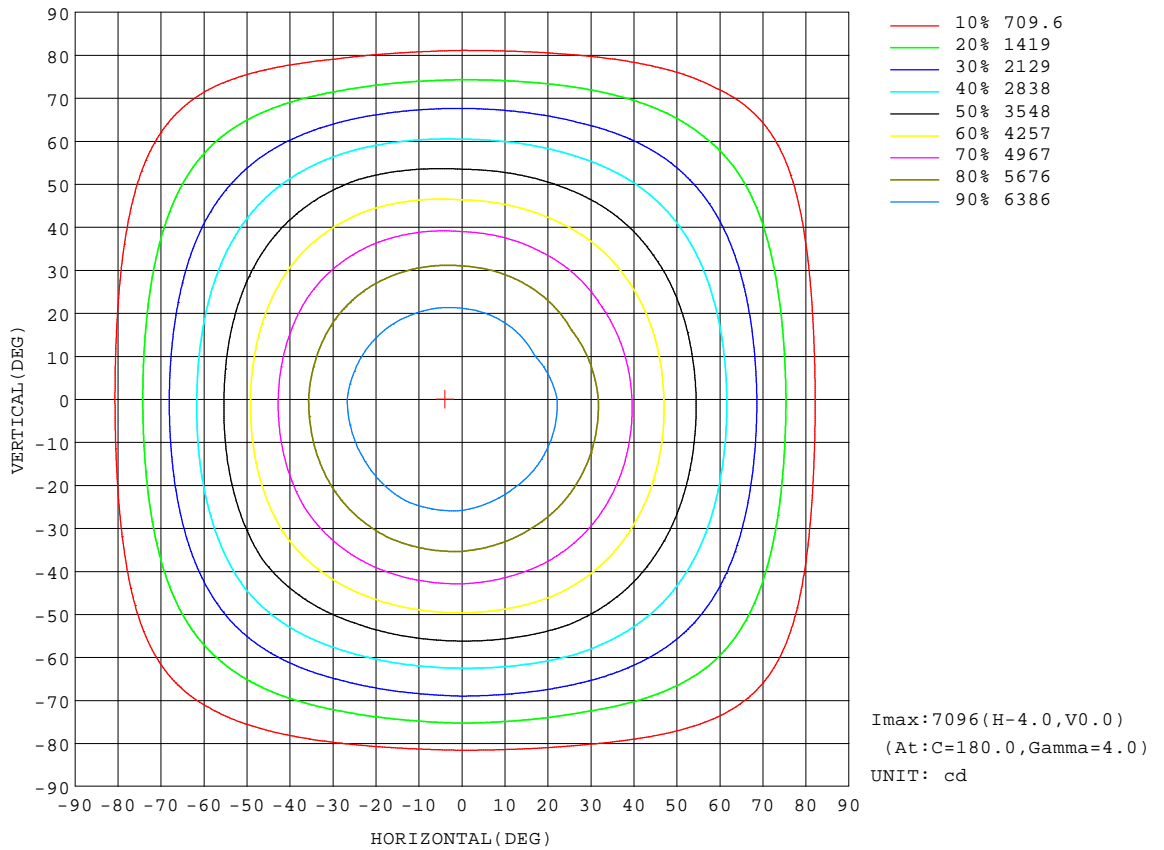
REFLECTANCE										
<b>Ceiling</b>	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
<b>Walls</b>	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
<b>Working plane</b>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	57	46	39	57	45	39	55	45	38	32
<b>0.80</b>	67	56	48	66	55	48	64	54	48	41
<b>1.00</b>	76	64	57	74	64	57	72	65	56	49
<b>1.25</b>	83	72	65	81	71	64	78	70	64	56
<b>1.50</b>	88	78	71	86	77	70	83	75	69	61
<b>2.00</b>	94	86	79	93	85	79	89	82	77	69
<b>2.50</b>	98	91	85	96	89	84	92	86	82	73
<b>3.00</b>	102	95	89	100	93	88	95	90	86	77
<b>4.00</b>	106	100	95	103	98	94	99	95	91	82
<b>5.00</b>	108	103	99	106	101	98	101	97	94	85
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>					<b>SHRNOM = 1.25</b>		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2015-12-02**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.6625]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	



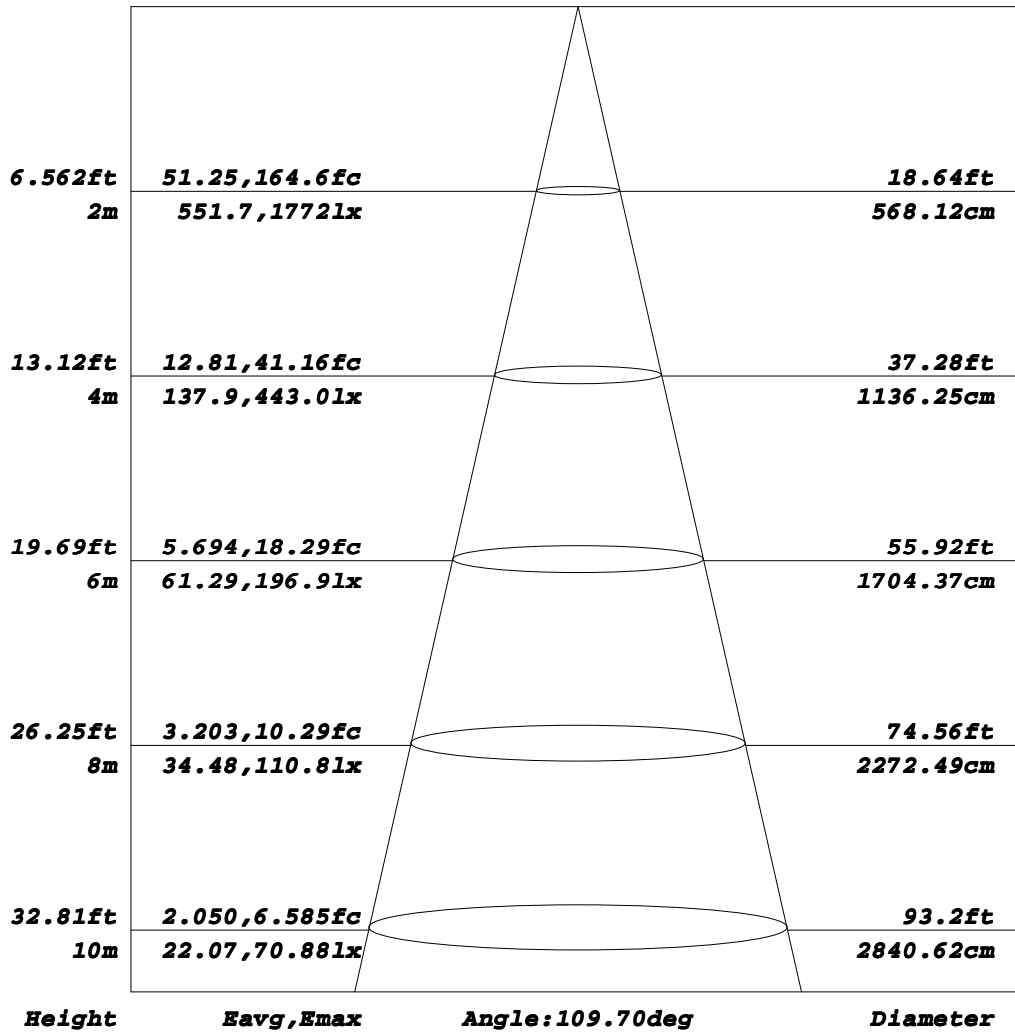
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.6625]**  
**Remarks:**

**AAI Figure**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	

Flux out:14139 lm



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

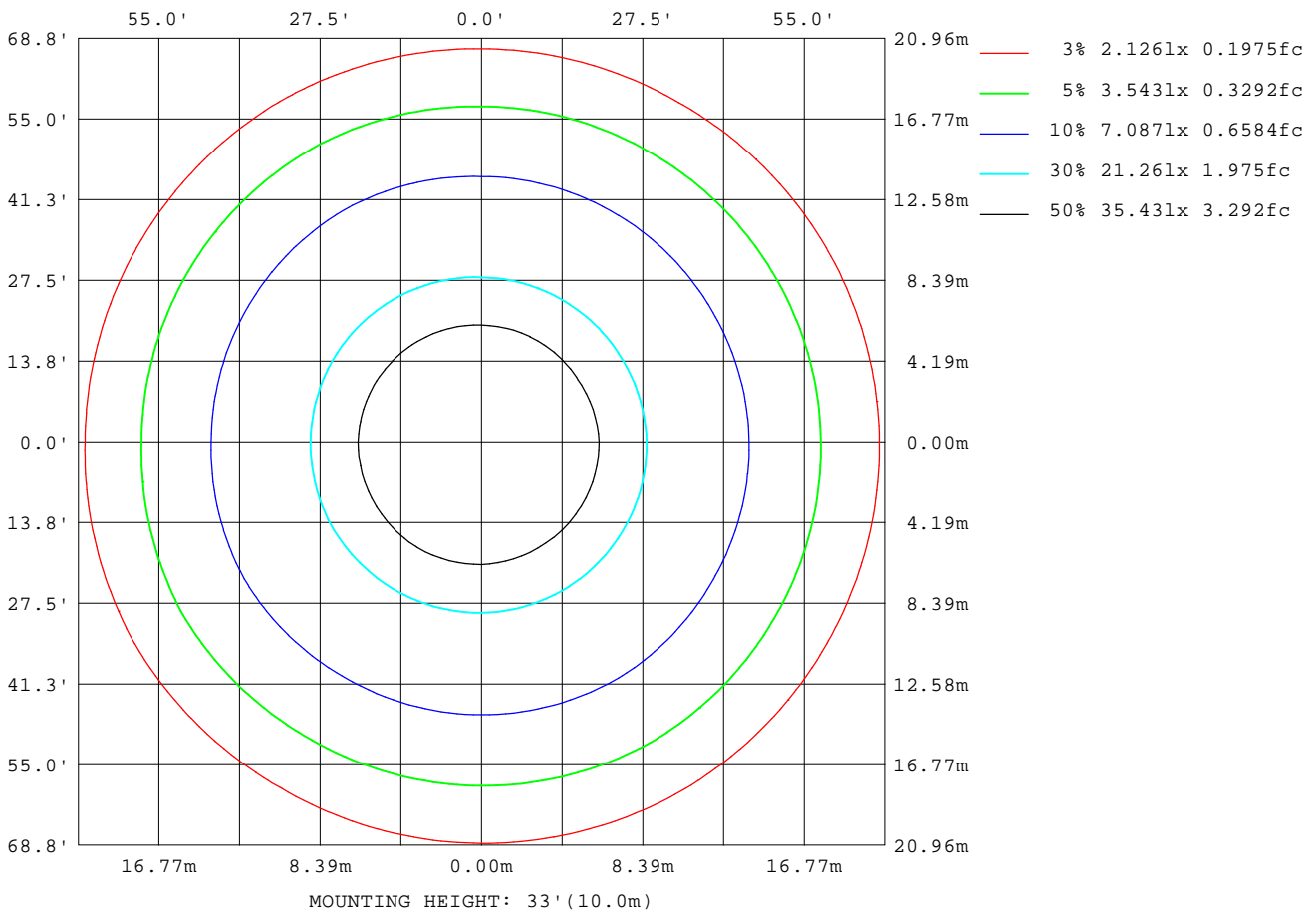
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2015-12-02

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=0.6625]  
 Remarks:



**ISOLUX DIAGRAM**

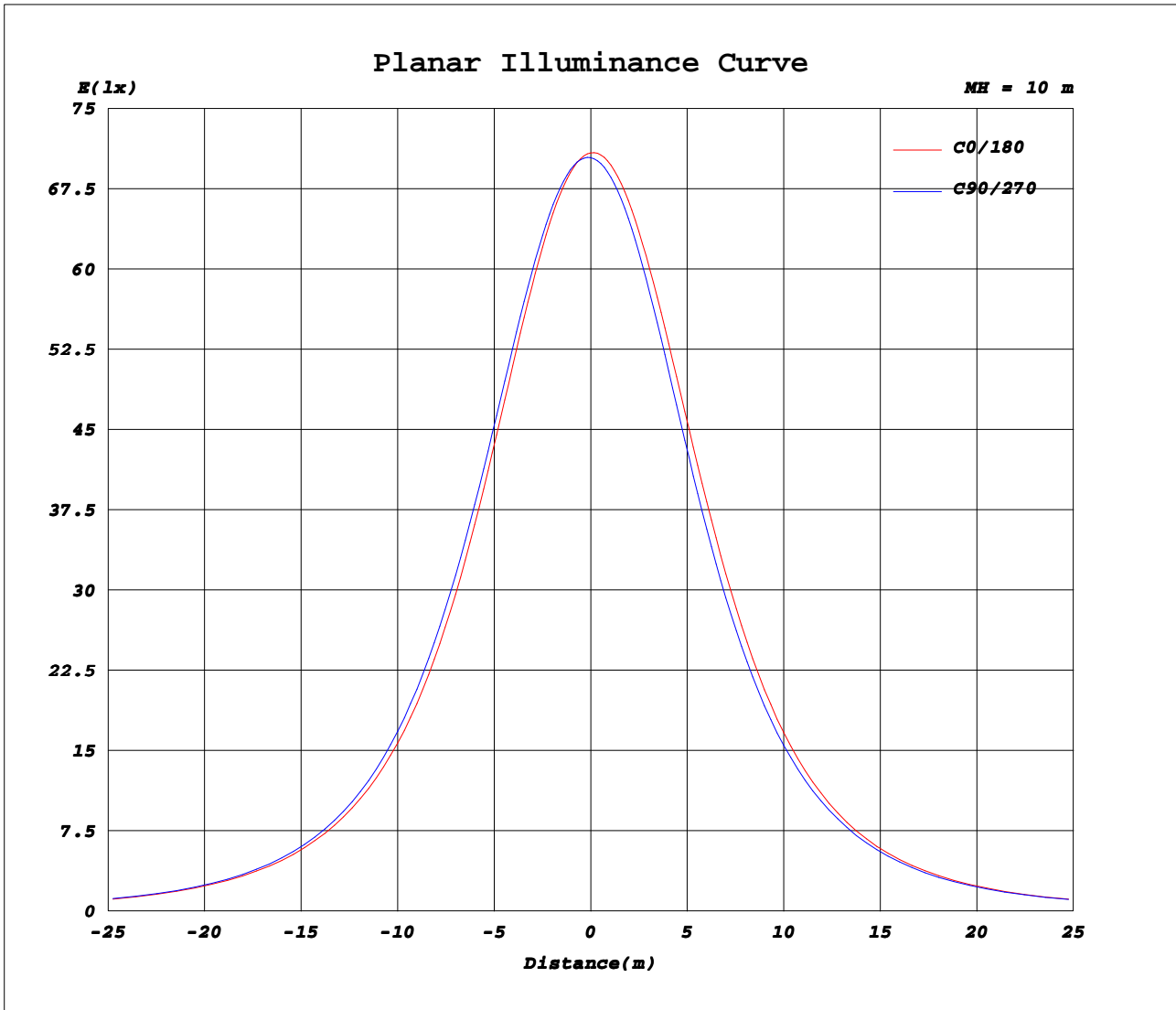
Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.:310*310MM	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.6625]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.6625]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:222.6V I:0.9180A P:198.6W PF:0.9710 Lamp Flux:20220.5x1 lm		
	TYPE:LED	
DIM.: 500*500*100MM	SUR.: 310*310MM	

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	7087	7073	7058	7042	7026	7011	7087	7073	7058	7042	7026	7011							
5	7035	7037	7043	7049	7045	7032	7092	7059	7023	6987	6962	6944							
10	6927	6947	6970	6999	7006	6996	7040	6990	6932	6878	6841	6819							
15	6753	6786	6826	6883	6905	6895	6925	6852	6771	6698	6654	6624							
20	6511	6551	6607	6698	6739	6728	6746	6644	6537	6450	6401	6364							
25	6199	6244	6316	6438	6496	6479	6492	6365	6234	6134	6079	6040							
30	5821	5882	5968	6108	6171	6152	6155	6022	5877	5755	5697	5663							
35	5389	5472	5576	5710	5767	5755	5737	5622	5473	5329	5270	5252							
40	4923	5026	5147	5258	5296	5301	5252	5170	5026	4870	4811	4816							
45	4446	4547	4684	4754	4775	4808	4721	4660	4554	4384	4342	4361							
50	3974	4056	4198	4221	4235	4266	4164	4123	4057	3893	3859	3883							
55	3496	3565	3692	3683	3666	3731	3585	3565	3547	3391	3373	3399							
60	3000	3066	3162	3134	3108	3176	3022	2998	2975	2879	2872	2924							
65	2496	2536	2583	2569	2534	2561	2459	2436	2436	2390	2370	2446							
70	1989	1984	1990	2021	1943	1945	1916	1853	1859	1870	1853	1890							
75	1457	1454	1402	1458	1376	1336	1332	1337	1306	1334	1353	1351							
80	939	905	871	896	826	778	787	786	759	821	816	818							
85	395	387	334	342	309	266	252	251	230	288	298	267							
90	39.8	37.6	39.2	37.0	37.1	37.0	31.1	31.3	31.5	31.6	31.6	31.5							
95	39.1	38.7	38.5	38.5	38.5	38.5	33.2	33.5	33.6	33.8	33.9	33.7							
100	40.8	40.3	40.1	40.0	40.0	40.1	35.5	35.7	35.9	36.1	36.1	36.0							
105	42.4	41.9	41.6	41.6	41.5	41.6	37.7	37.9	38.1	38.4	38.4	38.3							
110	43.9	43.4	43.2	43.1	43.0	43.2	40.0	40.1	40.3	40.5	40.6	40.5							
115	45.0	44.5	44.2	44.1	44.0	44.2	42.0	42.1	42.3	42.5	42.5	42.4							
120	43.0	42.7	42.4	42.3	42.1	42.3	43.8	43.9	44.0	44.2	44.3	44.2							
125	41.4	41.1	40.8	40.6	40.5	40.6	45.6	45.6	45.7	45.8	45.8	45.7							
130	42.0	41.7	41.4	41.2	41.1	41.2	47.2	47.2	47.2	47.3	47.3	47.2							
135	43.8	43.5	43.2	43.1	43.1	43.1	48.8	48.8	48.8	48.7	48.7	48.6							
140	48.6	48.3	48.1	48.0	48.1	48.3	50.4	50.3	50.2	50.1	50.1	50.0							
145	51.7	51.5	51.2	51.2	51.4	51.7	52.1	52.0	51.9	51.7	51.6	51.5							
150	53.7	53.5	53.3	53.3	53.5	53.8	54.1	53.9	53.9	53.6	53.5	53.3							
155	55.8	55.7	55.4	55.4	55.7	55.9	56.2	56.0	55.9	55.6	55.4	55.4							
160	58.0	57.8	57.5	57.5	57.7	58.0	58.4	58.1	58.0	57.7	57.6	57.5							
165	60.0	59.8	59.5	59.5	59.7	59.9	60.4	60.0	59.8	59.6	59.5	59.5							
170	61.1	60.9	60.6	60.6	60.7	60.8	61.8	61.4	61.2	61.0	61.0	60.8							
175	62.0	61.8	61.5	61.5	61.5	61.6	62.7	62.3	62.1	61.9	62.0	61.8							
180	62.5	62.4	62.0	62.0	62.0	62.0	62.7	62.3	62.1	61.9	62.1	61.9							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2015-12-02**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.6625]**  
**Remarks:**