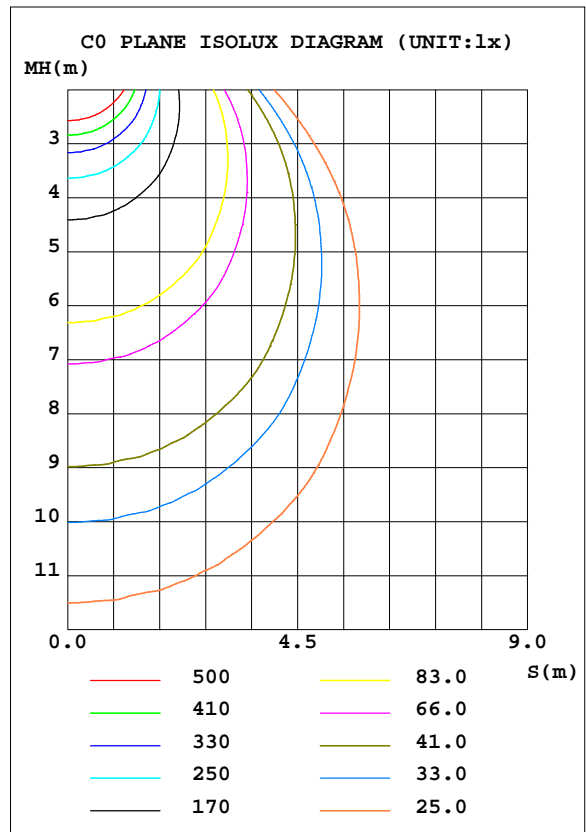
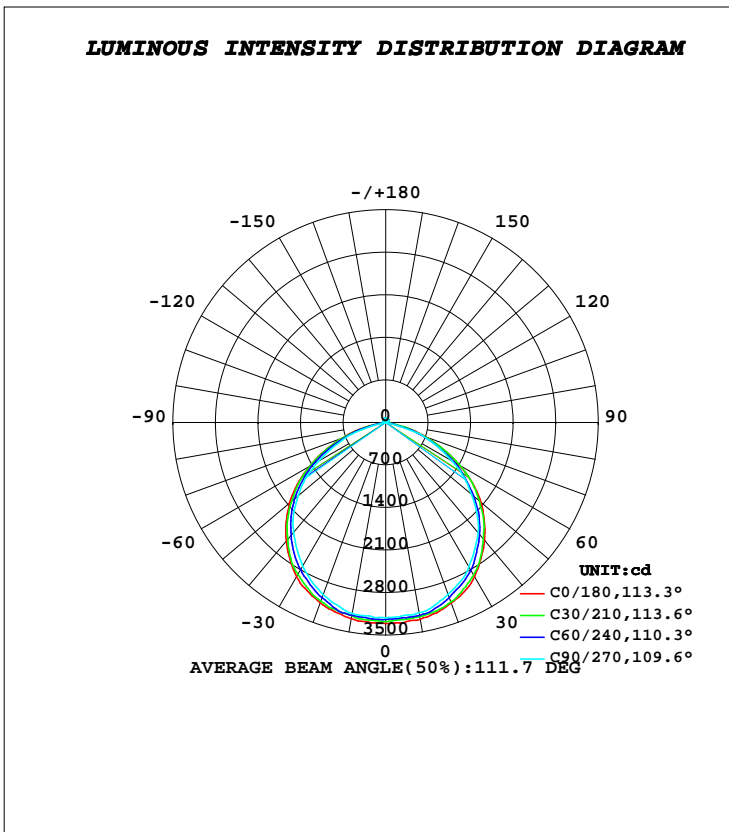


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.22 lm/W			
MODEL	DFL-100W	I <sub>max</sub> (cd)	3308	S/MH(C0/180)	1.30
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	9066.8	η UP, DN(C0-180)	1.4, 48.0
NOMINAL FLUX(lm)	9066.82	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.5, 49.1
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	226.0	η down(%)	97.1	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2018-05-17**

**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=0.7063]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	3288	3235	3179	3136	3280	3227	3187	3159	0- 10	306.8	306.8	3.38,3.38
20	3164	3104	3008	3004	3158	3099	3016	3040	10- 20	890.3	1197	13.2,13.2
30	2927	2852	2738	2764	2936	2845	2732	2786	20- 30	1364	2561	28.2,28.2
40	2531	2450	2369	2380	2546	2468	2361	2404	30- 40	1651	4212	46.5,46.5
50	2050	1952	1843	1902	2068	1993	1884	1954	40- 50	1702	5914	65.2,65.2
60	1397	1354	1256	1323	1446	1410	1278	1379	50- 60	1490	7404	81.7,81.7
70	705.5	664.9	655.1	663.6	775.4	731.0	659.7	695.7	60- 70	1009	8413	92.8,92.8
80	19.66	36.14	16.14	42.20	64.36	83.41	21.18	58.52	70- 80	369.1	8782	96.9,96.9
90	17.23	17.13	16.04	16.42	24.15	23.51	22.91	23.52	80- 90	23.44	8805	97.1,97.1
100	23.94	23.62	22.24	22.66	29.78	28.85	28.09	28.65	90-100	24.96	8830	97.4,97.4
110	31.78	31.29	30.01	30.16	36.97	35.74	35.19	35.37	100-110	31.20	8862	97.7,97.7
120	39.54	38.92	37.79	37.68	44.62	43.04	42.33	42.37	110-120	36.72	8898	98.1,98.1
130	46.60	45.81	44.78	44.65	51.08	49.41	48.35	48.31	120-130	39.44	8938	98.6,98.6
140	53.45	52.53	51.44	51.24	56.89	55.10	53.90	53.71	130-140	38.92	8977	99,99
150	59.96	59.04	58.28	57.76	62.71	60.76	59.37	59.09	140-150	35.38	9012	99.4,99.4
160	66.33	65.23	64.92	63.89	67.85	66.16	65.01	64.21	150-160	28.79	9041	99.7,99.7
170	71.85	70.90	70.62	69.32	71.96	70.56	69.73	68.45	160-170	19.16	9060	99.9,99.9
180	73.90	73.43	73.37	71.49	74.91	73.28	72.87	71.47	170-180	6.818	9067	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

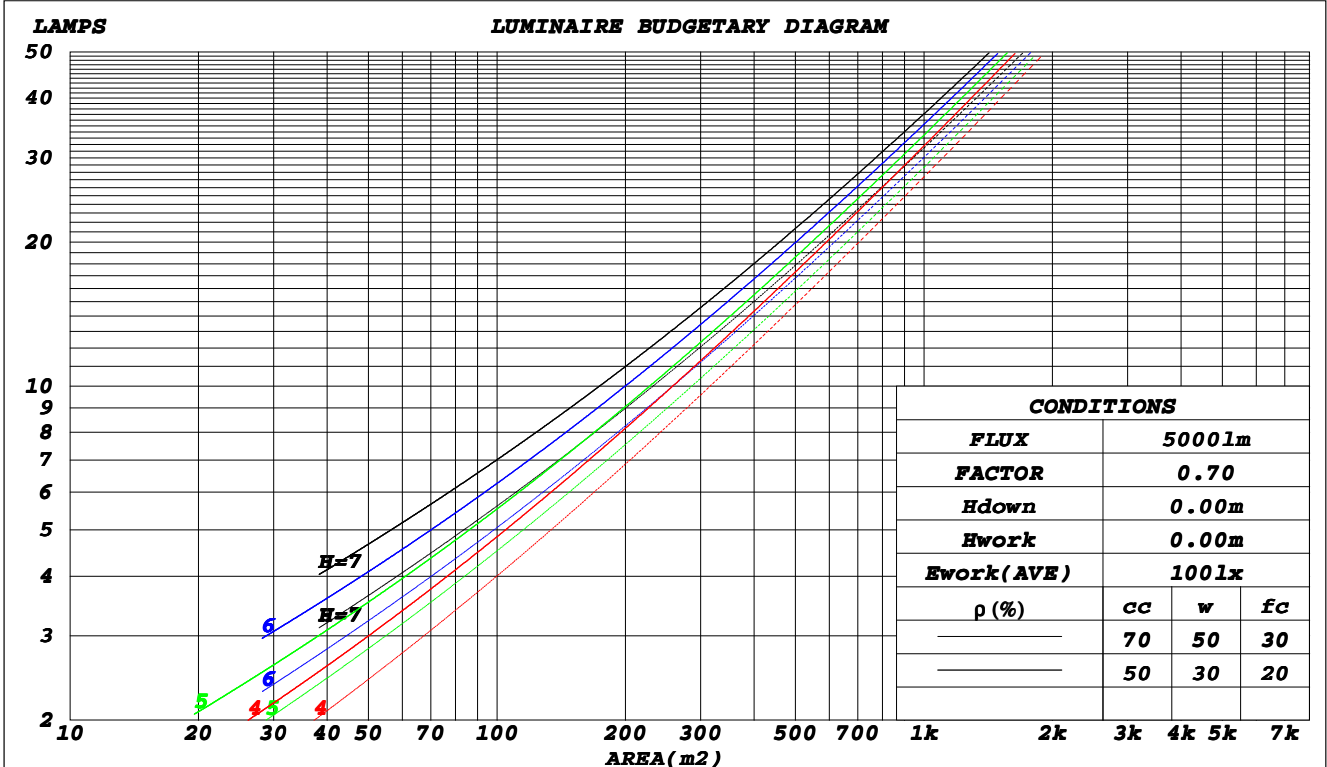
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2018-05-17**

**$\gamma$  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=0.7063]**  
**Remarks:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

$\rho_{cc}$	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>Coefficients of Utilization(CU)</b>									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.05	1.01	.98	1.02	.99	.96	.98	.95	.92	.93	.91	.89	.89	.87	.86	.84
2.0	.92	.86	.80	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.67	.76	.70	.65	.73	.68	.64	.70	.66	.62	.60
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.65	.59	.55	.63	.58	.54	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.52	.47	.56	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.51	.45	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.48	.40	.34	.47	.39	.34	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.34	.30	.39	.34	.29	.28
10.0	.41	.33	.28	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018-05-17

$\gamma$  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=0.7063]  
 Remarks:

**WEC AND CCEC**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

$\rho_{cc}$	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	.277	.157	.050	.269	.153	.049	.254	.146	.047	.240	.139	.044	.228	.132	.043	
2.0	.269	.147	.045	.262	.144	.044	.249	.138	.043	.237	.133	.042	.226	.128	.040	
3.0	.254	.135	.040	.247	.133	.040	.236	.128	.039	.225	.123	.038	.215	.119	.037	
4.0	.237	.123	.036	.231	.121	.036	.221	.117	.035	.212	.114	.034	.203	.110	.034	
5.0	.221	.113	.033	.216	.111	.032	.207	.108	.032	.198	.105	.031	.190	.102	.031	
6.0	.206	.103	.030	.202	.102	.029	.194	.099	.029	.186	.097	.028	.179	.094	.028	
7.0	.193	.095	.027	.189	.094	.027	.182	.092	.026	.175	.090	.026	.168	.087	.026	
8.0	.181	.088	.025	.177	.087	.025	.171	.085	.024	.164	.083	.024	.158	.081	.024	
9.0	.170	.082	.023	.167	.081	.023	.161	.079	.023	.155	.078	.022	.150	.076	.022	
10.0	.160	.077	.021	.157	.076	.021	.152	.074	.021	.147	.073	.021	.142	.071	.020	

$\rho_{cc}$	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																
1.0	.212	.212	.212	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
2.0	.191	.154	.123	.164	.133	.106	.112	.092	.074	.065	.053	.043	.021	.017	.014	
3.0	.184	.137	.099	.158	.118	.086	.108	.082	.060	.062	.048	.035	.020	.016	.012	
4.0	.176	.123	.083	.151	.106	.072	.104	.074	.051	.060	.043	.030	.019	.014	.010	
5.0	.169	.113	.071	.145	.098	.062	.100	.068	.044	.058	.040	.026	.019	.013	.009	
6.0	.162	.104	.063	.140	.090	.055	.096	.063	.039	.056	.037	.023	.018	.012	.008	
7.0	.156	.098	.057	.134	.085	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
8.0	.150	.092	.052	.129	.080	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
9.0	.144	.087	.048	.124	.075	.042	.086	.053	.030	.050	.031	.018	.016	.010	.006	
10.0	.138	.083	.046	.119	.072	.040	.083	.051	.028	.048	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-05-17

$\gamma$  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=0.7063]  
 Remarks:

**Uncorrected UGR Table**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

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				
<b>x = 2H y = 2H</b>	27.9	29.3	28.2	29.6	29.8	27.3	28.8	27.7	29.0	29.3
3H	28.9	30.3	29.3	30.5	30.8	28.4	29.7	28.7	30.0	30.3
4H	29.2	30.4	29.5	30.7	31.0	28.5	29.7	28.8	30.0	30.3
6H	29.1	30.3	29.5	30.6	30.9	28.4	29.5	28.8	29.9	30.2
8H	29.1	30.2	29.4	30.5	30.9	28.3	29.5	28.7	29.8	30.1
12H	29.0	30.1	29.4	30.4	30.8	28.3	29.4	28.7	29.7	30.1
<b>4H 2H</b>	28.3	29.6	28.7	29.9	30.2	27.9	29.1	28.2	29.4	29.7
3H	29.5	30.6	29.9	30.9	31.3	29.0	30.1	29.4	30.5	30.8
4H	29.8	30.8	30.2	31.1	31.5	29.2	30.1	29.6	30.5	30.9
6H	29.8	30.6	30.2	31.0	31.4	29.1	29.9	29.5	30.3	30.8
8H	29.7	30.5	30.2	30.9	31.4	29.0	29.8	29.5	30.2	30.7
12H	29.7	30.4	30.1	30.8	31.3	29.0	29.7	29.5	30.1	30.6
<b>8H 4H</b>	29.8	30.6	30.3	31.0	31.5	29.2	30.0	29.7	30.4	30.9
6H	29.8	30.4	30.3	30.9	31.4	29.1	29.8	29.6	30.2	30.7
8H	29.7	30.3	30.3	30.8	31.3	29.1	29.7	29.6	30.1	30.6
12H	29.7	30.2	30.2	30.7	31.2	29.0	29.5	29.6	30.0	30.6
<b>12H 4H</b>	29.8	30.5	30.2	30.9	31.4	29.2	29.9	29.6	30.3	30.8
6H	29.7	30.3	30.2	30.8	31.3	29.1	29.7	29.6	30.1	30.6
8H	29.7	30.2	30.2	30.7	31.2	29.0	29.5	29.6	30.0	30.6
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	+ 0.3 / - 0.3					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.6				
2.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 9067 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.7)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018-05-17

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=0.7063]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

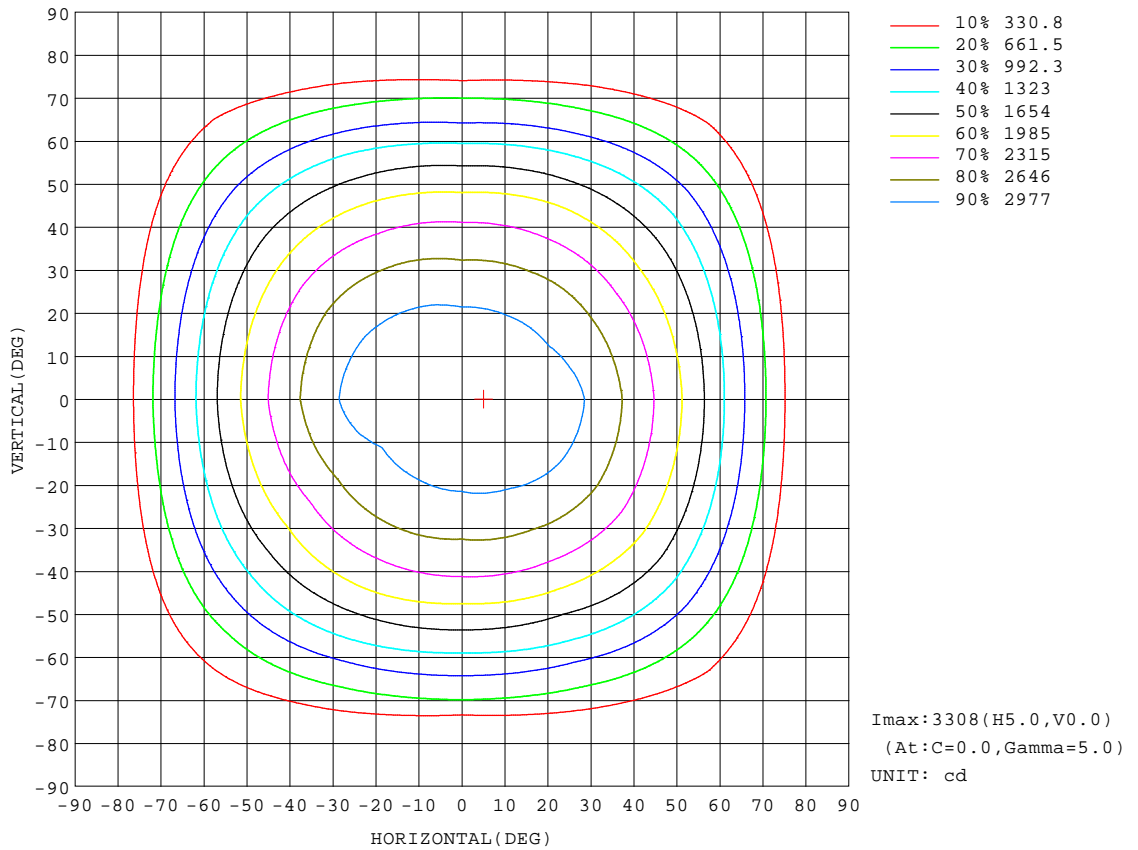
REFLECTANCE										
<b>Ceiling</b>	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
<b>Walls</b>	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
<b>Working plane</b>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	58	47	40	57	47	40	56	46	40	33
<b>0.80</b>	69	57	50	67	57	50	65	56	49	43
<b>1.00</b>	77	67	60	76	66	59	73	67	58	51
<b>1.25</b>	84	74	68	83	74	67	80	72	66	59
<b>1.50</b>	89	80	73	88	79	73	84	77	71	64
<b>2.00</b>	96	88	82	94	87	81	90	84	79	71
<b>2.50</b>	100	93	87	98	91	86	93	88	84	75
<b>3.00</b>	103	97	92	101	95	90	96	92	88	79
<b>4.00</b>	107	102	97	104	100	96	100	96	93	83
<b>5.00</b>	109	105	101	106	103	99	102	98	96	86
<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:2018-05-17**

**$\gamma$  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=0.7063]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		



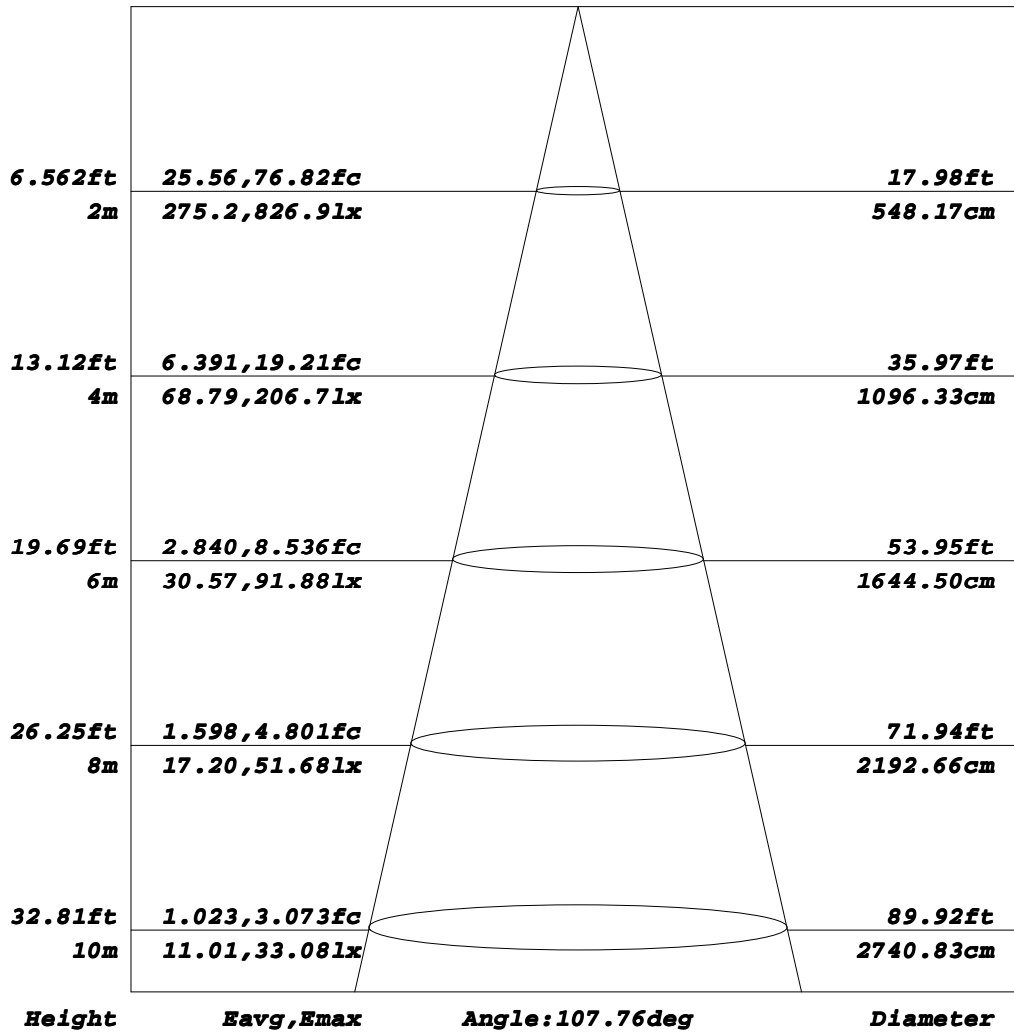
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2018-05-17**

**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=0.7063]**  
**Remarks:**

**AAI Figure**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

Flux out:6550 lm



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

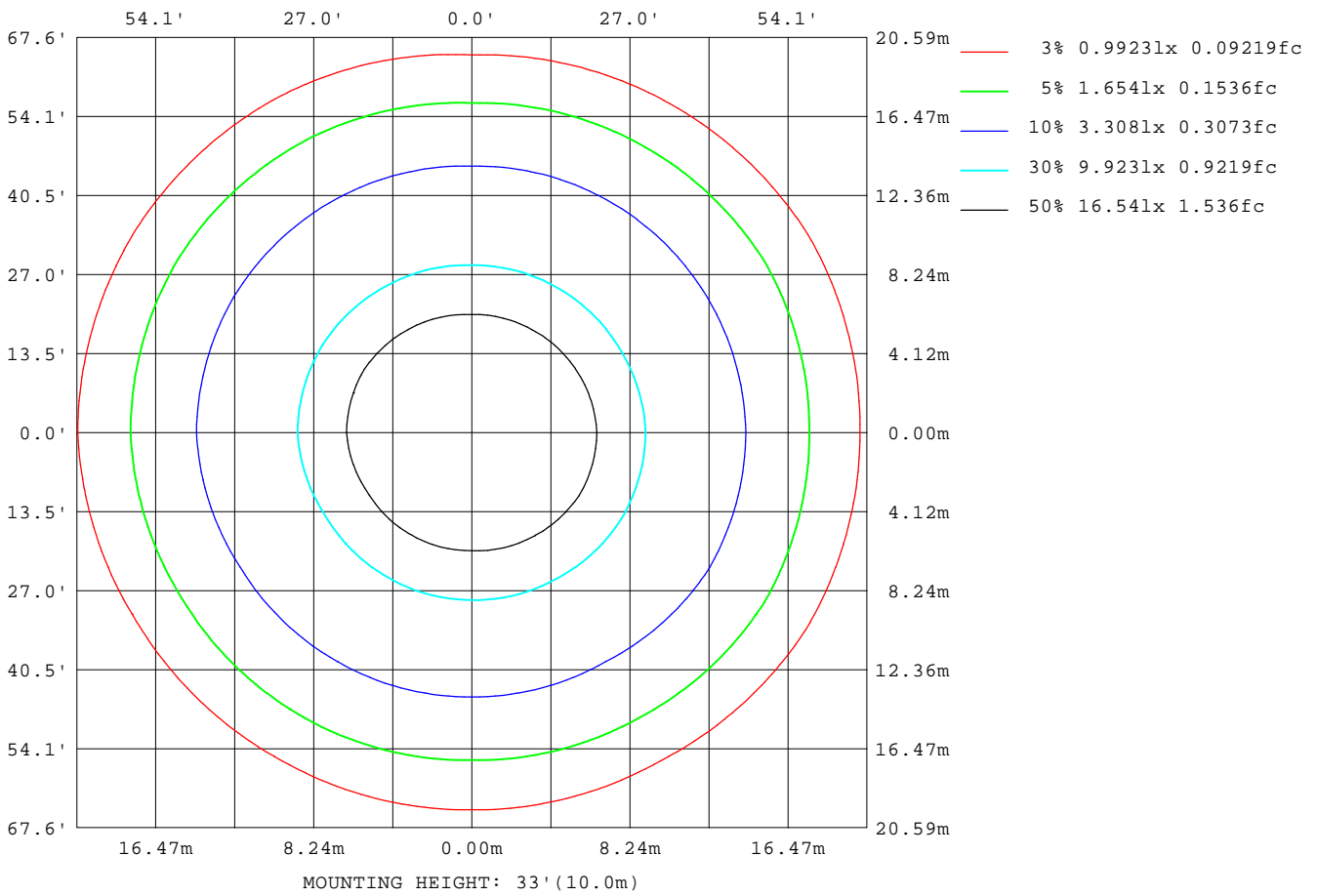
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018-05-17

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=0.7063]  
 Remarks:



**ISOLUX DIAGRAM**

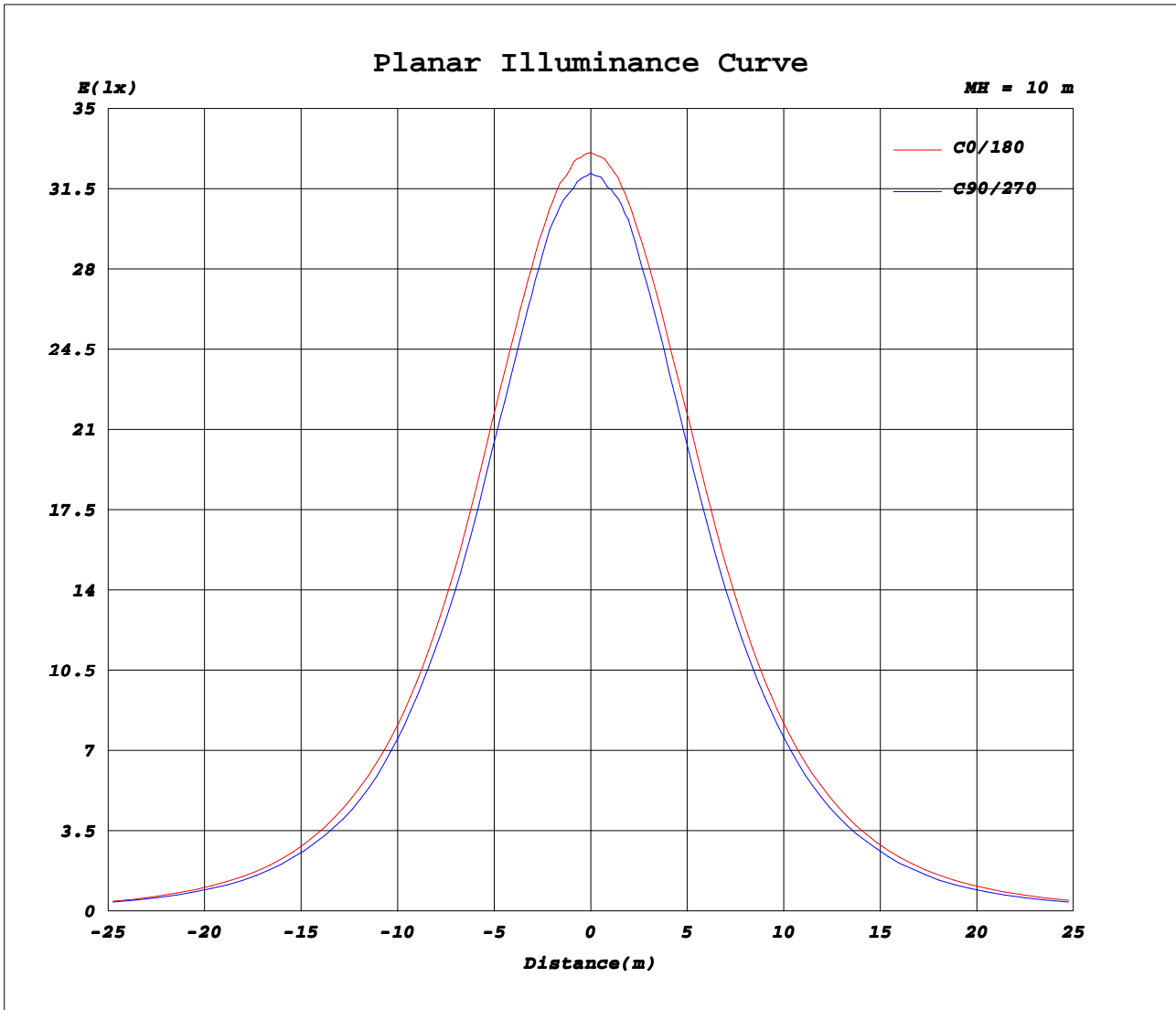
Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2018-05-17**

**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=0.7063]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2018-05-17**

**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=0.7063]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:226.1V I:0.4430A P:99.40W PF:0.9910 Lamp Flux:9066.82x1 lm		
NAME: DFL-100W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	3308	3274	3241	3218	3183	3154	3308	3274	3241	3218	3183	3154							
5	3308	3260	3228	3192	3165	3149	3301	3262	3234	3193	3166	3148							
10	3288	3247	3223	3179	3155	3118	3280	3230	3225	3187	3173	3145							
15	3245	3215	3165	3113	3119	3058	3229	3188	3176	3109	3118	3121							
20	3164	3140	3068	3008	3003	3005	3158	3129	3069	3016	3025	3055							
25	3071	3026	2945	2897	2885	2921	3060	3019	2946	2886	2899	2943							
30	2927	2895	2810	2738	2737	2790	2936	2892	2798	2732	2758	2814							
35	2736	2718	2613	2555	2561	2603	2749	2725	2628	2547	2583	2645							
40	2531	2499	2401	2369	2366	2393	2546	2513	2424	2361	2383	2425							
45	2299	2284	2174	2129	2153	2171	2319	2287	2205	2148	2173	2202							
50	2050	2014	1890	1843	1889	1916	2068	2024	1962	1884	1945	1963							
55	1749	1742	1594	1583	1596	1643	1777	1750	1676	1615	1654	1706							
60	1397	1408	1299	1256	1301	1346	1446	1445	1375	1278	1342	1416							
65	1050	1045	953	945	953	1020	1114	1103	1029	943	990	1074							
70	705	687	643	655	648	679	775	763	699	660	673	718							
75	342	383	271	195	294	381	454	439	376	238	344	412							
80	19.7	55.7	16.5	16.1	20.1	64.3	64.4	133	33.8	21.2	31.0	86.1							
85	15.4	15.7	15.4	14.8	15.3	15.3	22.9	22.5	22.0	21.6	22.4	22.4							
90	17.2	17.3	16.9	16.0	16.2	16.6	24.1	23.8	23.3	22.9	23.6	23.5							
95	20.3	20.4	19.9	18.9	19.0	19.5	26.7	26.2	25.6	25.3	25.9	25.8							
100	23.9	23.9	23.4	22.2	22.4	22.9	29.8	29.2	28.5	28.1	28.7	28.6							
105	27.7	27.7	27.1	26.0	26.0	26.6	33.1	32.5	31.8	31.5	31.8	31.7							
110	31.8	31.7	30.9	30.0	29.8	30.5	37.0	36.1	35.4	35.2	35.4	35.3							
115	35.7	35.6	34.9	34.0	33.7	34.3	41.0	39.9	39.1	38.9	39.2	38.8							
120	39.5	39.3	38.6	37.8	37.5	37.9	44.6	43.4	42.7	42.3	42.6	42.2							
125	43.1	42.8	42.1	41.2	41.0	41.4	48.0	46.7	46.0	45.5	45.7	45.2							
130	46.6	46.2	45.4	44.8	44.6	44.7	51.1	49.7	49.1	48.3	48.6	48.0							
135	50.1	49.6	48.8	48.1	47.9	48.1	54.2	52.7	52.0	51.1	51.3	50.8							
140	53.5	53.0	52.0	51.4	51.1	51.3	56.9	55.4	54.8	53.9	54.0	53.4							
145	56.8	56.4	55.3	54.9	54.6	54.6	59.8	58.1	57.6	56.5	56.7	56.1							
150	60.0	59.6	58.5	58.3	57.8	57.8	62.7	61.0	60.5	59.4	59.4	58.8							
155	63.0	62.7	61.5	61.5	60.9	60.8	65.5	63.8	63.3	62.3	62.2	61.4							
160	66.3	65.8	64.6	64.9	63.9	63.9	67.9	66.3	66.0	65.0	64.6	63.8							
165	69.3	68.8	67.5	67.9	66.7	66.7	70.2	68.6	68.4	67.6	66.9	66.1							
170	71.8	71.5	70.3	70.6	69.4	69.2	72.0	70.6	70.5	69.7	68.9	68.0							
175	73.4	73.2	72.5	72.9	71.3	70.8	73.7	72.3	72.3	71.9	70.8	69.7							
180	73.9	74.0	72.8	73.4	71.7	71.3	74.9	73.4	73.2	72.9	72.2	70.8							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2018-05-17**

**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=0.7063]**  
**Remarks:**