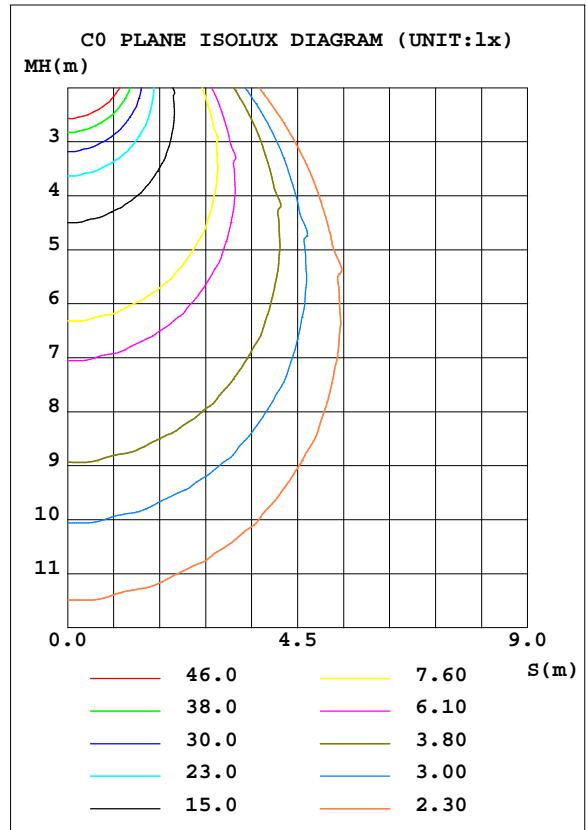
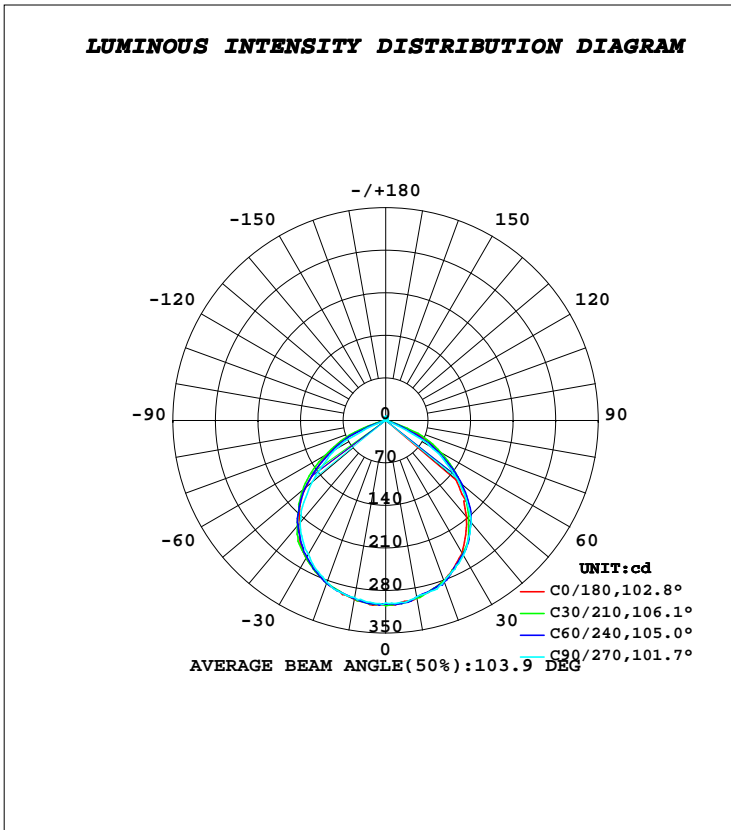


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	DFL-10W	Imax(cd)	304.8	S/MH(C0/180)	1.23
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	748.76	η UP, DN(C0-180)	1.4, 47.5
NOMINAL FLUX(lm)	748.758	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.5, 49.7
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.2	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	296.5	295.7	294.8	295.6	298.8	297.8	295.7	295.7	0- 10	28.61	28.61	3.82,3.82
20	281.7	281.6	281.6	280.6	284.7	285.3	283.2	282.4	10- 20	82.02	110.6	14.8,14.8
30	251.9	253.8	256.0	255.4	261.4	260.8	254.6	257.2	20- 30	124.6	235.2	31.4,31.4
40	207.5	215.8	220.0	218.3	221.4	225.8	218.9	219.0	30- 40	149.7	384.9	51.4,51.4
50	150.9	162.9	157.2	170.1	172.4	175.4	158.0	166.5	40- 50	149.3	534.3	71.4,71.4
60	97.02	99.08	82.90	102.3	108.4	109.9	96.14	104.7	50- 60	119.5	653.8	87.3,87.3
70	23.85	23.58	2.286	23.26	34.27	36.45	8.099	37.08	60- 70	64.20	718.0	95.9,95.9
80	1.253	1.208	1.010	1.163	1.972	1.989	1.799	2.041	70- 80	7.730	725.7	96.9,96.9
90	1.086	1.088	0.9948	1.039	1.602	1.603	1.563	1.641	80- 90	1.502	727.2	97.1,97.1
100	1.633	1.628	1.513	1.559	1.994	2.000	1.948	2.042	90-100	1.681	728.9	97.3,97.3
110	2.402	2.392	2.266	2.302	2.682	2.678	2.644	2.741	100-110	2.262	731.2	97.7,97.7
120	3.220	3.215	3.106	3.091	3.461	3.445	3.443	3.512	110-120	2.890	734.1	98,98
130	3.969	3.979	3.889	3.857	4.145	4.136	4.152	4.196	120-130	3.299	737.4	98.5,98.5
140	4.671	4.654	4.581	4.586	4.766	4.747	4.704	4.735	130-140	3.372	740.7	98.9,98.9
150	5.313	5.292	5.241	5.241	5.349	5.324	5.256	5.272	140-150	3.123	743.8	99.3,99.3
160	5.879	5.871	5.876	5.835	5.874	5.857	5.845	5.805	150-160	2.570	746.4	99.7,99.7
170	6.395	6.385	6.418	6.349	6.309	6.322	6.324	6.249	160-170	1.723	748.1	99.9,99.9
180	6.584	6.613	6.639	6.555	6.606	6.608	6.647	6.552	170-180	0.6157	748.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

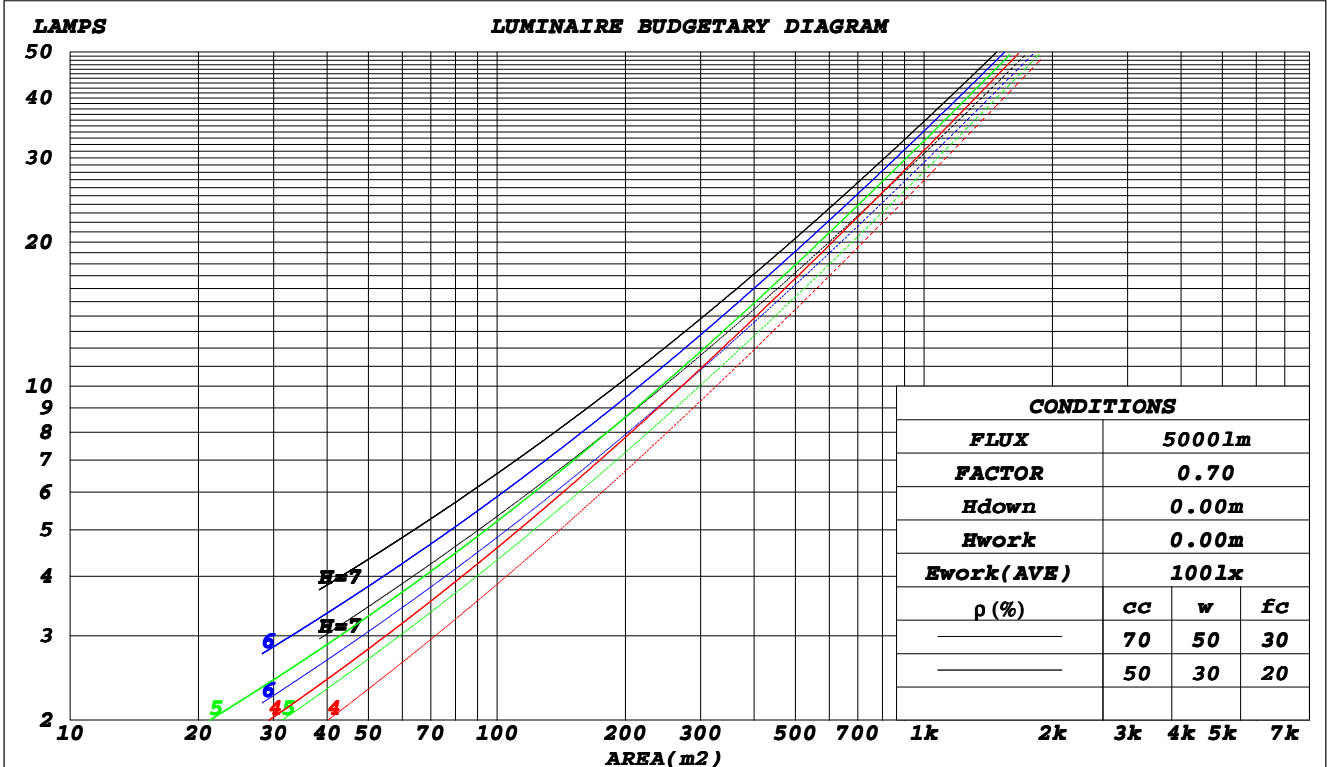
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2018-05-17**

**$\gamma$  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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	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	1.06	1.03	.99	1.04	1.00	.98	.99	.96	.94	.95	.93	.91	.91	.89	.88	.85
2.0	.94	.88	.84	.92	.87	.82	.88	.84	.80	.85	.81	.78	.81	.78	.76	.74
3.0	.84	.77	.71	.82	.75	.70	.79	.73	.69	.76	.71	.67	.73	.69	.66	.63
4.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.67	.59	.53	.66	.58	.52	.64	.57	.52	.61	.55	.51	.59	.54	.50	.48
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.46	.56	.50	.45	.54	.49	.44	.42
7.0	.55	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.49	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.37	.48	.41	.36	.47	.40	.36	.45	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	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	.253	.144	.046	.245	.140	.044	.230	.132	.042	.217	.125	.040	.205	.119	.038	
2.0	.248	.136	.042	.241	.133	.041	.229	.127	.039	.217	.122	.038	.206	.116	.037	
3.0	.237	.126	.038	.231	.124	.037	.219	.119	.036	.209	.114	.035	.199	.110	.034	
4.0	.224	.116	.034	.218	.114	.034	.208	.110	.033	.199	.107	.032	.190	.103	.031	
5.0	.210	.107	.031	.206	.106	.031	.196	.102	.030	.188	.099	.030	.180	.096	.029	
6.0	.198	.099	.028	.193	.098	.028	.185	.095	.028	.178	.092	.027	.170	.090	.027	
7.0	.186	.092	.026	.182	.091	.026	.175	.088	.025	.168	.086	.025	.161	.084	.025	
8.0	.175	.085	.024	.171	.084	.024	.165	.082	.024	.159	.080	.023	.153	.078	.023	
9.0	.165	.080	.022	.162	.079	.022	.156	.077	.022	.150	.075	.022	.145	.074	.021	
10.0	.156	.075	.021	.153	.074	.021	.148	.072	.020	.143	.071	.020	.138	.069	.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	.198	.179	.161	.170	.153	.139	.116	.106	.096	.067	.061	.056	.021	.020	.018	
2.0	.189	.154	.126	.162	.133	.109	.111	.092	.076	.064	.053	.044	.020	.017	.014	
3.0	.180	.136	.101	.155	.118	.088	.106	.082	.062	.061	.048	.036	.020	.016	.012	
4.0	.173	.123	.085	.148	.106	.073	.102	.074	.052	.059	.043	.031	.019	.014	.010	
5.0	.166	.112	.073	.143	.097	.063	.098	.068	.045	.057	.040	.026	.018	.013	.009	
6.0	.159	.104	.064	.137	.090	.056	.095	.063	.039	.055	.037	.023	.018	.012	.008	
7.0	.153	.097	.058	.132	.084	.050	.091	.059	.036	.053	.035	.021	.017	.011	.007	
8.0	.147	.091	.053	.127	.079	.046	.088	.056	.033	.051	.033	.019	.017	.011	.006	
9.0	.142	.086	.049	.122	.075	.043	.085	.053	.030	.049	.031	.018	.016	.010	.006	
10.0	.136	.082	.046	.118	.071	.040	.082	.050	.029	.048	.030	.017	.015	.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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm										
NAME: DFL-10W					TYPE:LED					
MFR.: GRANDOL INDUSTRY LTD										

<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>25.2</b>	<b>26.6</b>	<b>25.5</b>	<b>26.8</b>	<b>27.1</b>	<b>24.8</b>	<b>26.2</b>	<b>25.1</b>	<b>26.5</b>	<b>26.7</b>
<b>3H</b>	<b>25.7</b>	<b>27.0</b>	<b>26.1</b>	<b>27.3</b>	<b>27.5</b>	<b>24.8</b>	<b>26.0</b>	<b>25.1</b>	<b>26.3</b>	<b>26.6</b>
<b>4H</b>	<b>25.6</b>	<b>26.8</b>	<b>26.0</b>	<b>27.1</b>	<b>27.4</b>	<b>24.7</b>	<b>25.9</b>	<b>25.0</b>	<b>26.2</b>	<b>26.5</b>
<b>6H</b>	<b>25.5</b>	<b>26.6</b>	<b>25.9</b>	<b>27.0</b>	<b>27.3</b>	<b>24.6</b>	<b>25.7</b>	<b>25.0</b>	<b>26.0</b>	<b>26.3</b>
<b>8H</b>	<b>25.5</b>	<b>26.5</b>	<b>25.9</b>	<b>26.9</b>	<b>27.2</b>	<b>24.5</b>	<b>25.6</b>	<b>24.9</b>	<b>25.9</b>	<b>26.3</b>
<b>12H</b>	<b>25.4</b>	<b>26.4</b>	<b>25.8</b>	<b>26.8</b>	<b>27.1</b>	<b>24.5</b>	<b>25.5</b>	<b>24.9</b>	<b>25.8</b>	<b>26.2</b>
<b>4H 2H</b>	<b>25.5</b>	<b>26.7</b>	<b>25.9</b>	<b>27.0</b>	<b>27.3</b>	<b>25.2</b>	<b>26.4</b>	<b>25.5</b>	<b>26.6</b>	<b>27.0</b>
<b>3H</b>	<b>26.1</b>	<b>27.1</b>	<b>26.5</b>	<b>27.5</b>	<b>27.8</b>	<b>25.1</b>	<b>26.2</b>	<b>25.5</b>	<b>26.5</b>	<b>26.9</b>
<b>4H</b>	<b>26.0</b>	<b>26.9</b>	<b>26.4</b>	<b>27.3</b>	<b>27.7</b>	<b>25.0</b>	<b>26.0</b>	<b>25.5</b>	<b>26.3</b>	<b>26.7</b>
<b>6H</b>	<b>25.9</b>	<b>26.7</b>	<b>26.4</b>	<b>27.1</b>	<b>27.5</b>	<b>24.9</b>	<b>25.7</b>	<b>25.4</b>	<b>26.1</b>	<b>26.6</b>
<b>8H</b>	<b>25.9</b>	<b>26.6</b>	<b>26.3</b>	<b>27.0</b>	<b>27.5</b>	<b>24.9</b>	<b>25.6</b>	<b>25.4</b>	<b>26.1</b>	<b>26.5</b>
<b>12H</b>	<b>25.8</b>	<b>26.5</b>	<b>26.3</b>	<b>26.9</b>	<b>27.4</b>	<b>24.9</b>	<b>25.5</b>	<b>25.3</b>	<b>26.0</b>	<b>26.4</b>
<b>8H 4H</b>	<b>25.9</b>	<b>26.6</b>	<b>26.3</b>	<b>27.0</b>	<b>27.5</b>	<b>24.9</b>	<b>25.7</b>	<b>25.4</b>	<b>26.1</b>	<b>26.5</b>
<b>6H</b>	<b>25.8</b>	<b>26.4</b>	<b>26.3</b>	<b>26.9</b>	<b>27.3</b>	<b>24.9</b>	<b>25.5</b>	<b>25.3</b>	<b>25.9</b>	<b>26.4</b>
<b>8H</b>	<b>25.8</b>	<b>26.3</b>	<b>26.3</b>	<b>26.8</b>	<b>27.3</b>	<b>24.8</b>	<b>25.3</b>	<b>25.3</b>	<b>25.8</b>	<b>26.3</b>
<b>12H</b>	<b>25.7</b>	<b>26.2</b>	<b>26.2</b>	<b>26.7</b>	<b>27.2</b>	<b>24.8</b>	<b>25.2</b>	<b>25.3</b>	<b>25.7</b>	<b>26.3</b>
<b>12H 4H</b>	<b>25.8</b>	<b>26.5</b>	<b>26.3</b>	<b>26.9</b>	<b>27.4</b>	<b>24.9</b>	<b>25.6</b>	<b>25.4</b>	<b>26.0</b>	<b>26.5</b>
<b>6H</b>	<b>25.8</b>	<b>26.3</b>	<b>26.3</b>	<b>26.8</b>	<b>27.3</b>	<b>24.8</b>	<b>25.3</b>	<b>25.3</b>	<b>25.8</b>	<b>26.3</b>
<b>8H</b>	<b>25.7</b>	<b>26.2</b>	<b>26.2</b>	<b>26.7</b>	<b>27.2</b>	<b>24.8</b>	<b>25.2</b>	<b>25.3</b>	<b>25.7</b>	<b>26.3</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.5 / - 0.7</b>					<b>+ 0.9 / - 0.9</b>				
<b>1.5H</b>	<b>+ 0.3 / - 0.6</b>					<b>+ 0.6 / - 1.2</b>				
<b>2.0H</b>	<b>+ 0.6 / - 0.9</b>					<b>+ 1.0 / - 1.6</b>				

CIE Pub.117 Corrected 748.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.0)

**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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

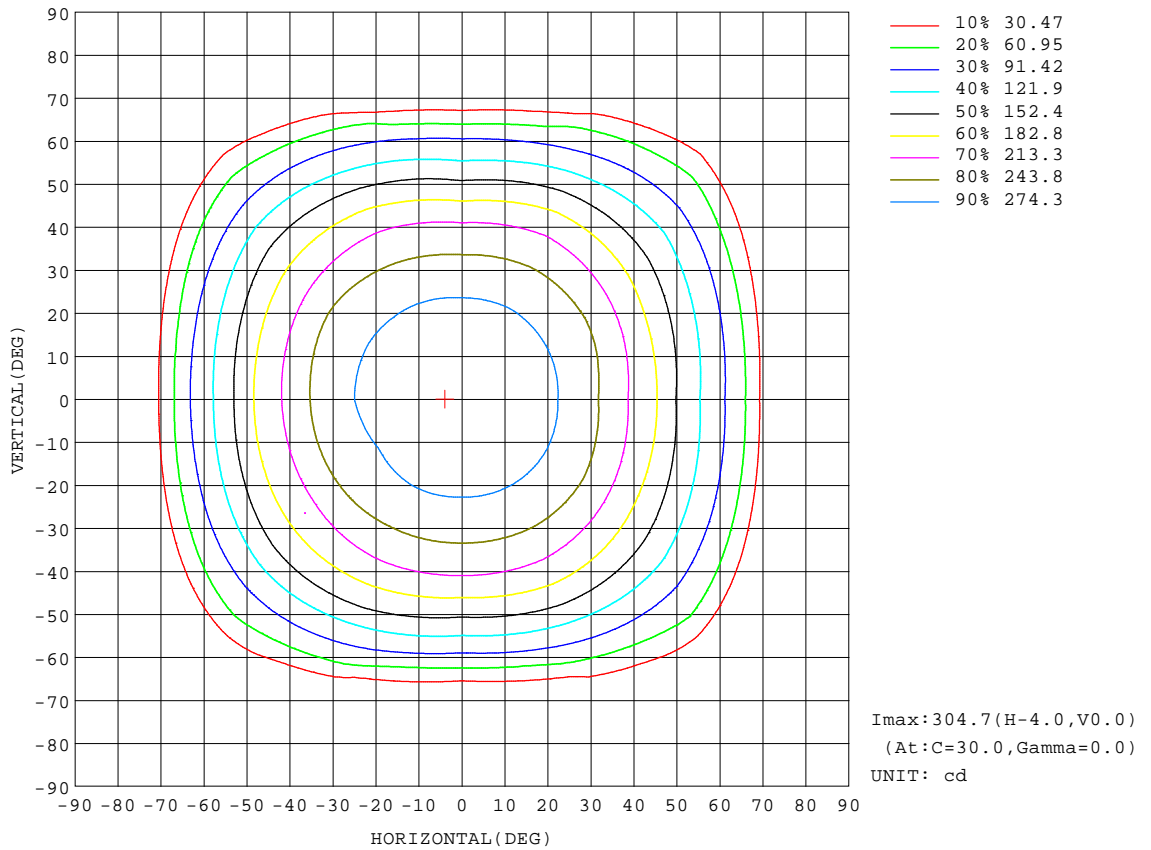
REFLECTANCE										
<b>Ceiling</b>	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
<b>Walls</b>	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
<b>Working plane</b>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	61	50	43	60	49	43	59	49	43	37
<b>0.80</b>	71	61	54	70	60	54	68	59	53	47
<b>1.00</b>	80	70	64	79	69	63	76	70	63	56
<b>1.25</b>	87	78	72	86	77	71	83	76	70	63
<b>1.50</b>	92	83	77	90	82	77	87	80	75	68
<b>2.00</b>	98	91	86	96	90	85	93	87	83	75
<b>2.50</b>	102	95	90	100	94	89	96	91	87	78
<b>3.00</b>	105	99	94	102	97	93	98	94	90	82
<b>4.00</b>	108	103	99	105	101	98	101	98	95	86
<b>5.00</b>	110	106	103	107	104	101	103	100	97	88
<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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		



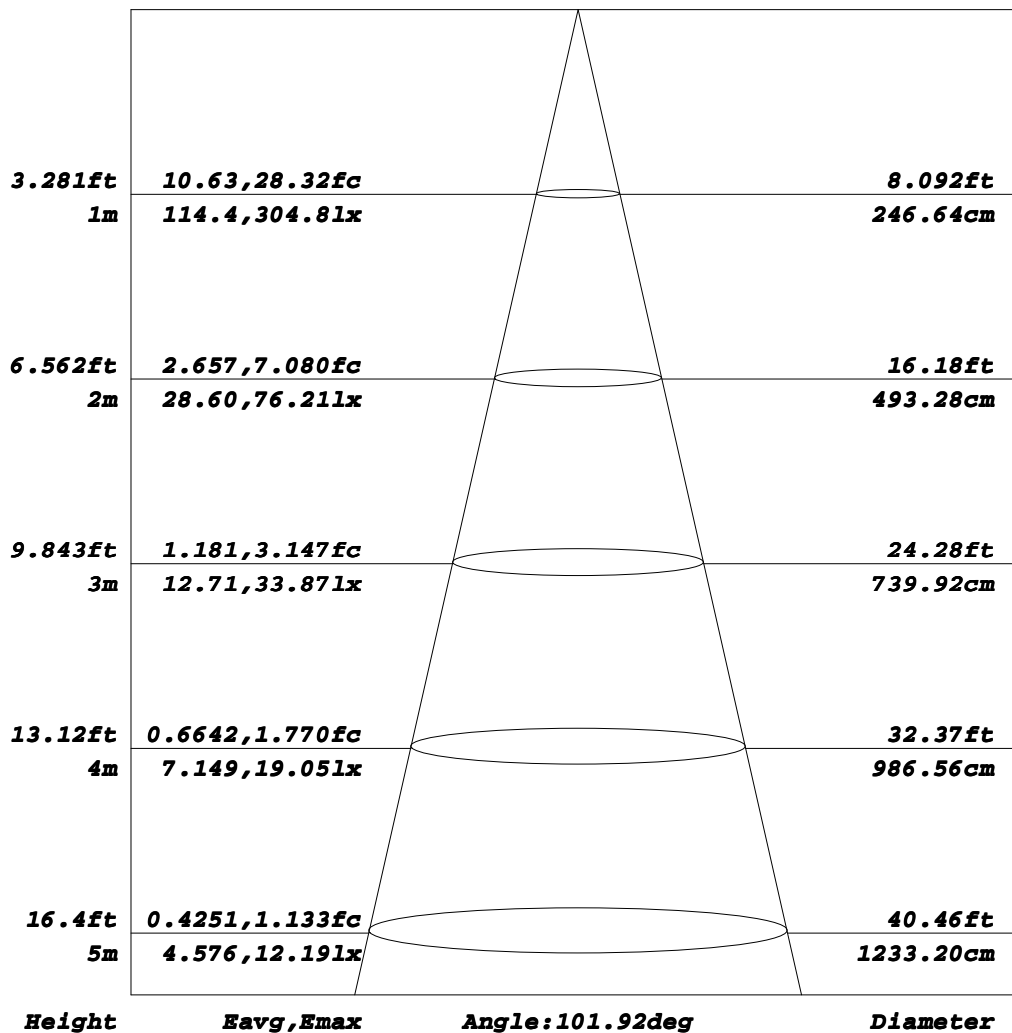
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2018-05-17**

**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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		

Flux out:548.0 lm



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

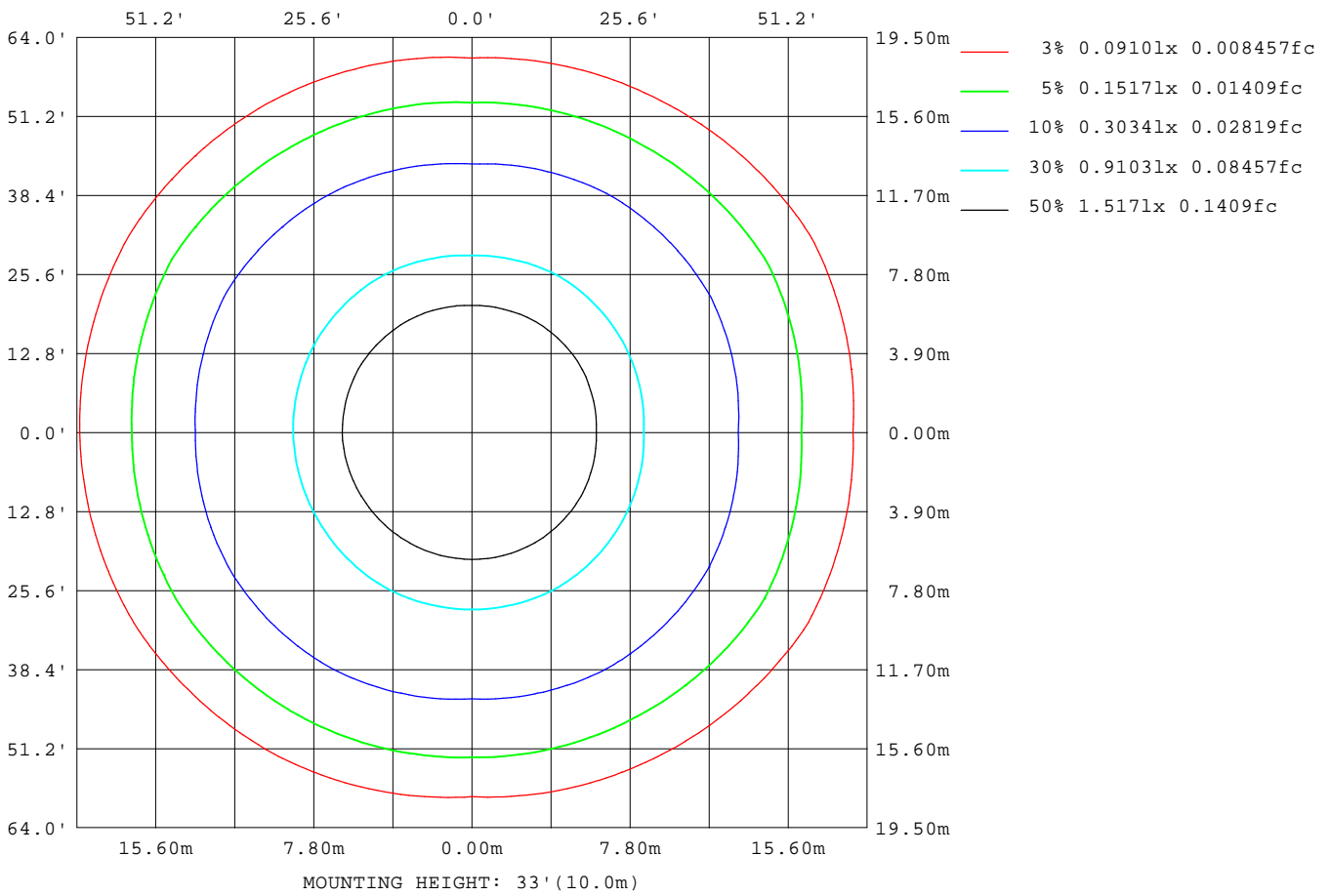
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018-05-17

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**

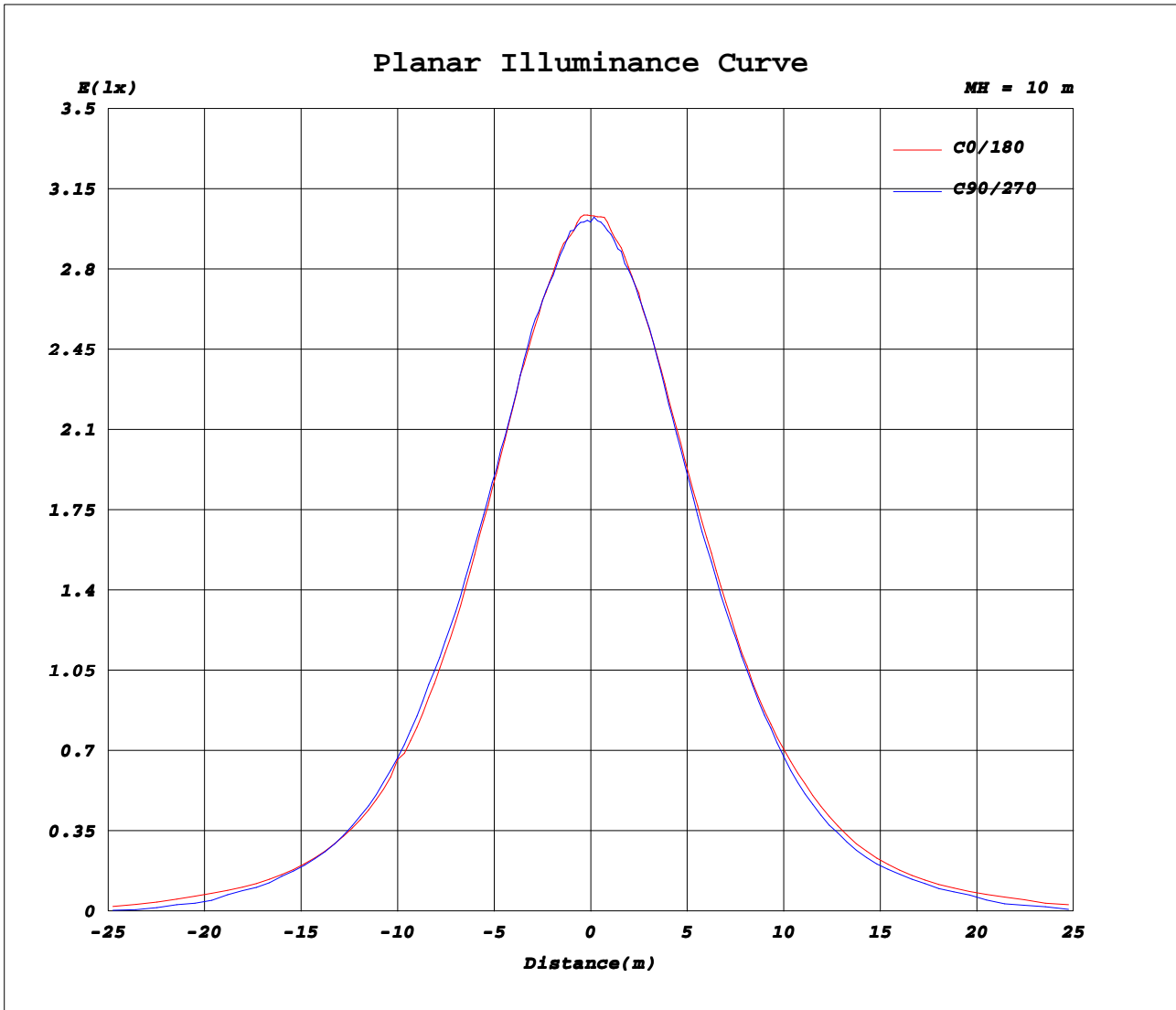
Test:U:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	TYPE:LED	
MFR.: GRANDOL INDUSTRY LTD		



**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:220.2V I:0.0780A P:9.450W PF:0.5490 Lamp Flux:748.758x1 lm		
NAME: DFL-10W	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	303	305	302	300	301	299	303	305	302	300	301	299							
5	300	302	303	300	301	299	304	303	302	300	302	300							
10	296	297	295	295	296	295	299	298	297	296	296	295							
15	289	289	289	290	290	288	292	291	292	293	292	289							
20	282	281	282	282	283	279	285	286	285	283	284	281							
25	267	269	267	270	269	268	274	275	273	271	271	270							
30	252	253	254	256	254	257	261	262	260	255	259	256							
35	230	237	239	238	239	241	245	248	244	239	241	239							
40	207	213	219	220	218	218	221	227	225	219	222	216							
45	187	188	194	189	197	196	200	202	202	191	199	192							
50	151	162	164	157	168	172	172	178	173	158	168	165							
55	124	133	129	121	134	141	139	149	140	124	135	137							
60	97.0	104	93.7	82.9	97.2	107	108	115	104	96.1	100	109							
65	69.9	75.4	53.4	37.6	60.7	76.0	81.8	82.9	71.6	43.0	67.9	80.1							
70	23.9	38.0	9.13	2.29	9.21	37.3	34.3	45.4	27.5	8.10	28.1	46.0							
75	1.83	4.64	1.50	1.29	1.50	4.69	4.50	12.5	2.43	2.17	2.49	12.6							
80	1.25	1.29	1.12	1.01	1.10	1.22	1.97	2.04	1.93	1.80	1.97	2.11							
85	1.06	1.04	1.00	0.96	0.98	0.96	1.66	1.67	1.67	1.63	1.69	1.73							
90	1.09	1.10	1.07	0.99	1.04	1.04	1.60	1.61	1.60	1.56	1.63	1.66							
95	1.33	1.36	1.30	1.23	1.27	1.27	1.77	1.79	1.75	1.69	1.78	1.84							
100	1.63	1.65	1.60	1.51	1.56	1.56	1.99	2.03	1.98	1.95	2.00	2.08							
105	2.00	2.02	1.96	1.86	1.91	1.90	2.31	2.33	2.30	2.28	2.33	2.40							
110	2.40	2.42	2.37	2.27	2.31	2.29	2.68	2.68	2.68	2.64	2.73	2.75							
115	2.82	2.82	2.78	2.69	2.70	2.69	3.08	3.07	3.06	3.05	3.11	3.13							
120	3.22	3.23	3.20	3.11	3.11	3.07	3.46	3.45	3.44	3.44	3.50	3.52							
125	3.61	3.60	3.60	3.51	3.50	3.46	3.81	3.81	3.81	3.82	3.88	3.86							
130	3.97	3.96	4.00	3.89	3.89	3.83	4.15	4.13	4.14	4.15	4.20	4.19							
135	4.31	4.32	4.32	4.23	4.24	4.20	4.45	4.44	4.45	4.44	4.47	4.46							
140	4.67	4.67	4.64	4.58	4.60	4.57	4.77	4.75	4.74	4.70	4.74	4.73							
145	5.00	4.98	4.96	4.91	4.94	4.89	5.07	5.04	5.03	4.96	5.02	4.99							
150	5.31	5.31	5.28	5.24	5.27	5.22	5.35	5.33	5.32	5.26	5.27	5.28							
155	5.61	5.59	5.57	5.57	5.57	5.50	5.61	5.59	5.61	5.55	5.54	5.54							
160	5.88	5.87	5.87	5.88	5.88	5.79	5.87	5.84	5.87	5.84	5.80	5.80							
165	6.15	6.17	6.14	6.15	6.14	6.07	6.12	6.09	6.12	6.13	6.04	6.04							
170	6.39	6.38	6.39	6.42	6.38	6.31	6.31	6.29	6.35	6.32	6.26	6.23							
175	6.54	6.54	6.54	6.61	6.54	6.49	6.48	6.45	6.51	6.50	6.43	6.39							
180	6.58	6.60	6.63	6.64	6.57	6.54	6.61	6.59	6.63	6.65	6.58	6.53							

**C Range: 0 - 360DEG**  
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**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
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**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:**