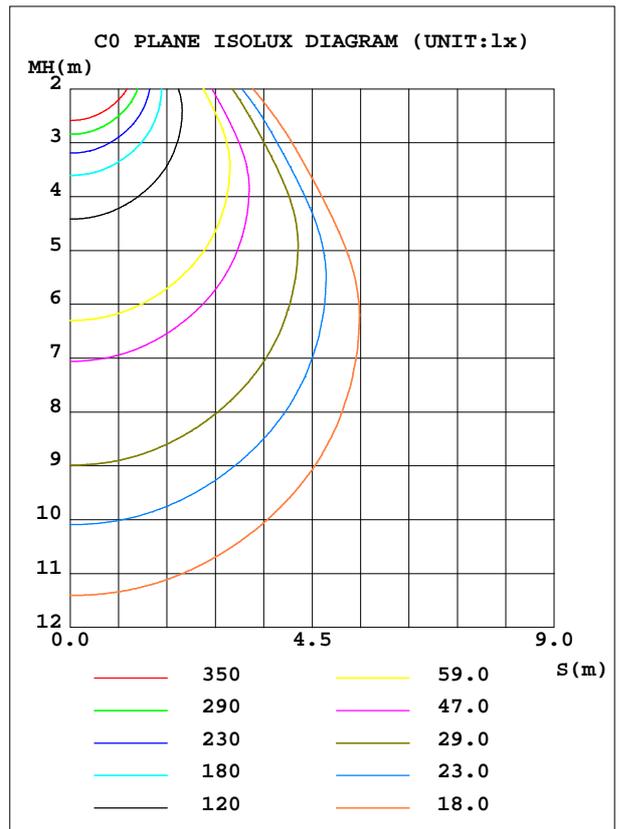
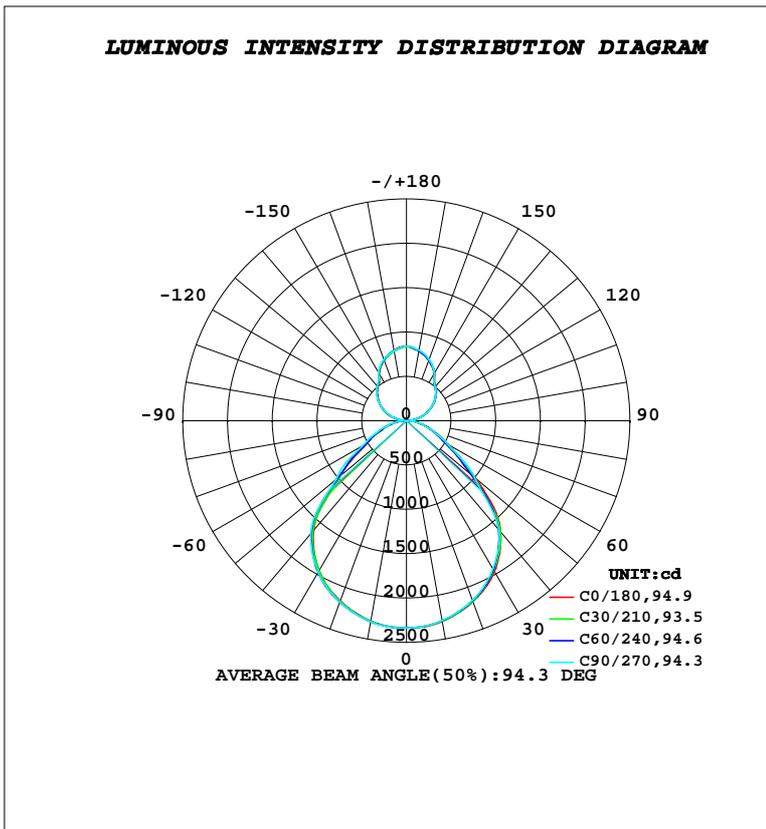


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	2337	S/MH(C0/180)	1.24
NOMINAL POWER(W)	90	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	7492.6	η UP, DN(C0-180)	14.4, 35.3
NOMINAL FLUX(lm)	7492.56	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	14.3, 36.0
LAMPS INSIDE	1	η up(%)	28.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	229.5	η down(%)	71.3	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2298	2294	2290	2291	2294	2299	2303	2300	0- 10	221.2	221.2	2.95,2.95
20	2172	2164	2155	2161	2163	2172	2177	2175	10- 20	632.2	853.5	11.4,11.4
30	1968	1949	1933	1947	1954	1964	1975	1972	20- 30	955.9	1809	24.1,24.1
40	1638	1620	1611	1618	1616	1643	1665	1655	30- 40	1130	2939	39.2,39.2
50	1014	962.3	994.8	1001	988.7	969.5	1028	1057	40- 50	1025	3965	52.9,52.9
60	531.9	517.0	532.5	541.5	505.7	518.6	575.7	566.0	50- 60	676.7	4641	61.9,61.9
70	295.3	291.6	295.0	298.7	286.8	292.7	322.4	313.2	60- 70	404.6	5046	67.3,67.3
80	135.4	131.8	130.5	129.4	128.0	139.4	147.6	140.4	70- 80	223.5	5269	70.3,70.3
90	3.748	3.054	3.076	2.839	2.981	4.125	7.266	5.377	80- 90	71.74	5341	71.3,71.3
100	89.97	95.96	102.2	99.30	95.45	90.09	86.62	89.06	90-100	42.00	5383	71.8,71.8
110	221.2	224.5	227.3	225.4	225.4	222.8	218.1	221.1	100-110	169.3	5553	74.1,74.1
120	332.5	331.6	331.0	333.0	330.5	332.4	331.7	335.8	110-120	276.2	5829	77.8,77.8
130	431.9	427.5	426.2	428.8	422.4	426.9	431.9	435.2	120-130	342.2	6171	82.4,82.4
140	511.2	502.5	500.8	506.0	498.6	507.9	512.2	516.0	130-140	362.8	6534	87.2,87.2
150	631.4	622.8	624.2	632.8	614.4	619.2	627.5	632.7	140-150	346.1	6880	91.8,91.8
160	736.1	730.6	738.2	743.1	733.3	731.0	738.0	742.7	150-160	316.0	7196	96,96
170	805.9	799.0	807.9	812.0	806.9	801.3	803.5	810.0	160-170	218.4	7414	99,99
180	842.8	838.6	841.8	845.9	844.1	838.5	841.2	845.9	170-180	78.37	7493	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

**Conical surface Flux(90deg): 3495.6 lm**

**%lum = 46.7%**

**%lamp = 46.7%**

**Conical surface Flux(130deg): 4870.4 lm**

**%lum = 65.0%**

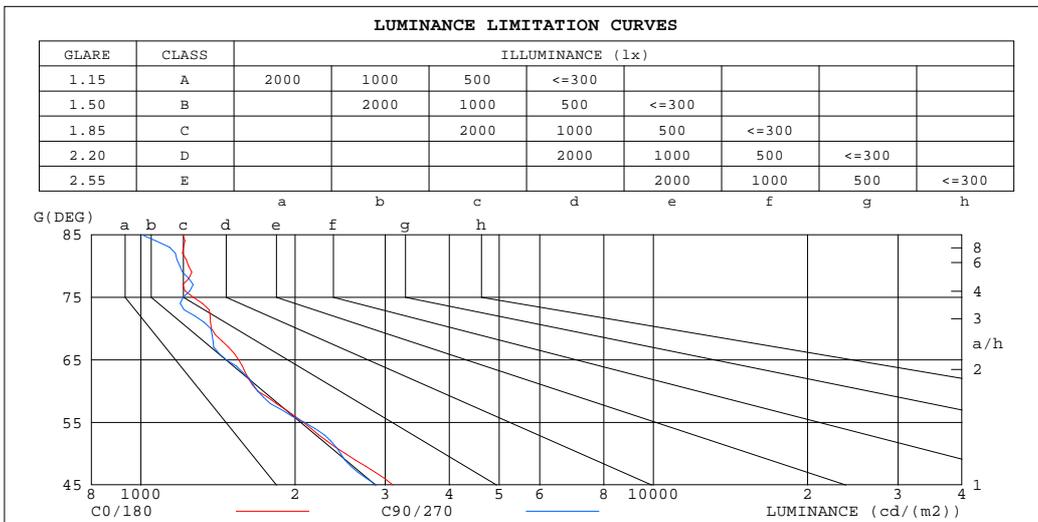
**%lamp = 65.0%**

**C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:Mr.Ma  
 Test Date:2023-08-23**

**$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:6.100m [K=1.0000]  
 Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1208	1005
80	1240	1192
75	1266	1209
70	1373	1368
65	1553	1467
60	1692	1690
55	2078	2089
50	2508	2456
45	3105	2883

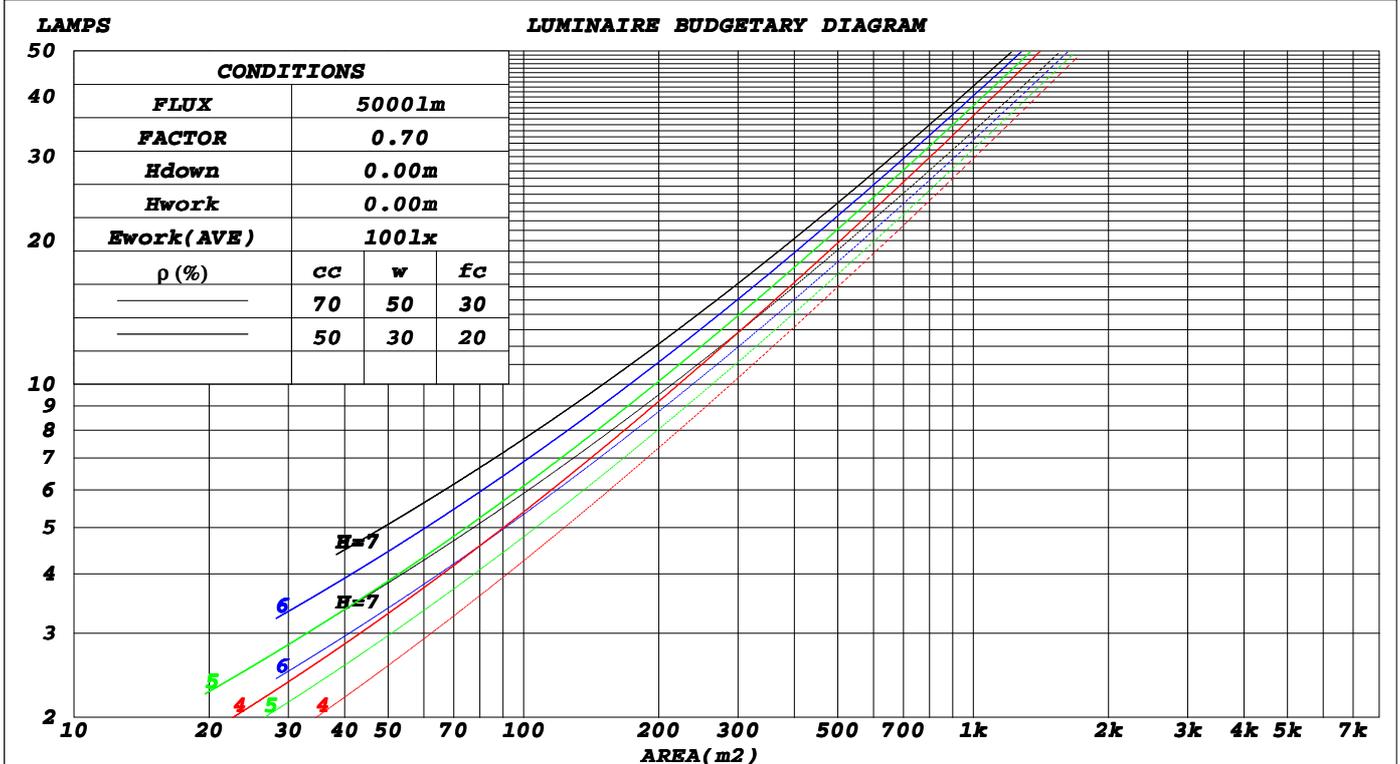
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding 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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>															
	<b>Coefficients of Utilization(CU)</b>															
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.71
1.0	.99	.95	.92	.94	.91	.88	.85	.82	.80	.76	.74	.73	.68	.67	.66	.62
2.0	.88	.82	.77	.83	.78	.74	.75	.71	.68	.68	.65	.62	.61	.59	.56	.53
3.0	.78	.71	.65	.74	.68	.63	.67	.62	.58	.61	.57	.53	.55	.52	.49	.46
4.0	.69	.62	.56	.66	.59	.54	.60	.55	.50	.55	.50	.46	.50	.46	.43	.40
5.0	.62	.54	.48	.60	.52	.47	.54	.48	.44	.50	.45	.41	.45	.41	.38	.35
6.0	.56	.48	.43	.54	.47	.41	.49	.43	.39	.45	.40	.36	.41	.37	.34	.31
7.0	.51	.43	.38	.49	.42	.37	.45	.39	.34	.41	.36	.32	.38	.33	.30	.28
8.0	.47	.39	.34	.45	.38	.33	.41	.35	.31	.38	.33	.29	.35	.30	.27	.25
9.0	.43	.35	.30	.41	.34	.29	.38	.32	.28	.35	.30	.26	.32	.28	.25	.23
10.0	.40	.32	.27	.38	.31	.27	.35	.29	.25	.32	.27	.24	.30	.26	.23	.21



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: Mr.Ma  
 Test Date: 2023-08-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
 Humidity: 65.0%  
 Test Distance: 6.100m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding 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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.268	.152	.048	.252	.144	.046	.223	.128	.041	.196	.113	.036	.171	.099	.032	
2.0	.252	.138	.042	.238	.131	.040	.212	.118	.037	.187	.105	.033	.165	.093	.029	
3.0	.235	.125	.037	.223	.119	.036	.199	.108	.033	.176	.097	.030	.156	.086	.027	
4.0	.219	.114	.033	.208	.109	.032	.186	.099	.029	.165	.089	.027	.147	.080	.024	
5.0	.204	.104	.030	.194	.100	.029	.174	.091	.027	.155	.082	.024	.138	.074	.022	
6.0	.191	.096	.027	.181	.092	.026	.163	.084	.024	.146	.076	.022	.130	.068	.020	
7.0	.179	.089	.025	.170	.085	.024	.153	.078	.022	.137	.070	.021	.123	.064	.019	
8.0	.168	.082	.023	.160	.079	.022	.144	.072	.021	.130	.066	.019	.116	.059	.017	
9.0	.159	.077	.021	.151	.074	.021	.136	.067	.019	.123	.062	.018	.110	.056	.016	
10.0	.150	.072	.020	.143	.069	.019	.129	.063	.018	.116	.058	.016	.104	.052	.015	

$\rho_{cc}$	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	.409	.409	.409	.350	.350	.350	.239	.239	.239	.137	.137	.137	.044	.044	.044	
1.0	.398	.377	.358	.341	.324	.308	.233	.223	.213	.134	.129	.124	.043	.041	.040	
2.0	.389	.354	.325	.333	.305	.281	.228	.211	.196	.132	.123	.115	.042	.040	.037	
3.0	.381	.337	.302	.327	.291	.262	.224	.202	.184	.130	.118	.108	.042	.038	.036	
4.0	.374	.325	.287	.321	.280	.249	.221	.195	.176	.128	.114	.104	.041	.037	.034	
5.0	.367	.315	.276	.315	.272	.240	.217	.190	.170	.126	.112	.101	.041	.036	.033	
6.0	.360	.307	.268	.310	.266	.233	.214	.186	.165	.124	.109	.098	.040	.036	.032	
7.0	.354	.300	.262	.305	.260	.228	.211	.182	.162	.122	.107	.096	.040	.035	.032	
8.0	.349	.295	.258	.300	.256	.225	.208	.179	.159	.121	.106	.095	.039	.035	.031	
9.0	.343	.290	.254	.296	.252	.222	.205	.177	.157	.119	.104	.094	.039	.034	.031	
10.0	.338	.286	.251	.291	.248	.219	.202	.175	.156	.118	.103	.093	.038	.034	.031	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:2023-08-23**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

<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>Room dimensions</b>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H</b>	<b>y = 2H</b>	<b>6.2</b>	<b>7.3</b>	<b>6.8</b>	<b>7.9</b>	<b>8.6</b>	<b>6.0</b>	<b>7.0</b>	<b>6.6</b>	<b>7.7</b>	<b>8.4</b>
	<b>3H</b>	<b>6.9</b>	<b>7.9</b>	<b>7.6</b>	<b>8.6</b>	<b>9.3</b>	<b>6.7</b>	<b>7.7</b>	<b>7.3</b>	<b>8.3</b>	<b>9.1</b>
	<b>4H</b>	<b>7.3</b>	<b>8.2</b>	<b>7.9</b>	<b>8.8</b>	<b>9.6</b>	<b>7.0</b>	<b>7.9</b>	<b>7.7</b>	<b>8.6</b>	<b>9.3</b>
	<b>6H</b>	<b>7.5</b>	<b>8.4</b>	<b>8.2</b>	<b>9.0</b>	<b>9.9</b>	<b>7.2</b>	<b>8.1</b>	<b>7.9</b>	<b>8.8</b>	<b>9.6</b>
	<b>8H</b>	<b>7.6</b>	<b>8.4</b>	<b>8.3</b>	<b>9.1</b>	<b>9.9</b>	<b>7.3</b>	<b>8.1</b>	<b>8.0</b>	<b>8.8</b>	<b>9.7</b>
	<b>12H</b>	<b>7.7</b>	<b>8.4</b>	<b>8.4</b>	<b>9.1</b>	<b>10.0</b>	<b>7.4</b>	<b>8.1</b>	<b>8.1</b>	<b>8.9</b>	<b>9.7</b>
<b>4H</b>	<b>2H</b>	<b>6.3</b>	<b>7.2</b>	<b>7.0</b>	<b>7.9</b>	<b>8.7</b>	<b>6.1</b>	<b>7.0</b>	<b>6.8</b>	<b>7.7</b>	<b>8.5</b>
	<b>3H</b>	<b>7.3</b>	<b>8.0</b>	<b>8.0</b>	<b>8.7</b>	<b>9.6</b>	<b>7.0</b>	<b>7.8</b>	<b>7.8</b>	<b>8.5</b>	<b>9.4</b>
	<b>4H</b>	<b>7.7</b>	<b>8.4</b>	<b>8.4</b>	<b>9.1</b>	<b>10.0</b>	<b>7.5</b>	<b>8.1</b>	<b>8.2</b>	<b>8.9</b>	<b>9.8</b>
	<b>6H</b>	<b>8.1</b>	<b>8.7</b>	<b>8.9</b>	<b>9.5</b>	<b>10.4</b>	<b>7.8</b>	<b>8.4</b>	<b>8.6</b>	<b>9.2</b>	<b>10.1</b>
	<b>8H</b>	<b>8.3</b>	<b>8.8</b>	<b>9.0</b>	<b>9.6</b>	<b>10.5</b>	<b>8.0</b>	<b>8.5</b>	<b>8.8</b>	<b>9.3</b>	<b>10.2</b>
	<b>12H</b>	<b>8.4</b>	<b>8.9</b>	<b>9.2</b>	<b>9.7</b>	<b>10.6</b>	<b>8.1</b>	<b>8.6</b>	<b>8.9</b>	<b>9.4</b>	<b>10.3</b>
<b>8H</b>	<b>4H</b>	<b>7.8</b>	<b>8.3</b>	<b>8.6</b>	<b>9.1</b>	<b>10.0</b>	<b>7.5</b>	<b>8.1</b>	<b>8.3</b>	<b>8.9</b>	<b>9.8</b>
	<b>6H</b>	<b>8.3</b>	<b>8.8</b>	<b>9.1</b>	<b>9.6</b>	<b>10.6</b>	<b>8.1</b>	<b>8.5</b>	<b>8.9</b>	<b>9.3</b>	<b>10.3</b>
	<b>8H</b>	<b>8.6</b>	<b>9.0</b>	<b>9.4</b>	<b>9.8</b>	<b>10.8</b>	<b>8.3</b>	<b>8.7</b>	<b>9.1</b>	<b>9.5</b>	<b>10.5</b>
	<b>12H</b>	<b>8.8</b>	<b>9.1</b>	<b>9.6</b>	<b>10.0</b>	<b>11.0</b>	<b>8.4</b>	<b>8.8</b>	<b>9.3</b>	<b>9.6</b>	<b>10.6</b>
<b>12H</b>	<b>4H</b>	<b>7.7</b>	<b>8.3</b>	<b>8.5</b>	<b>9.0</b>	<b>10.0</b>	<b>7.5</b>	<b>8.0</b>	<b>8.3</b>	<b>8.8</b>	<b>9.8</b>
	<b>6H</b>	<b>8.3</b>	<b>8.7</b>	<b>9.2</b>	<b>9.6</b>	<b>10.6</b>	<b>8.1</b>	<b>8.5</b>	<b>8.9</b>	<b>9.3</b>	<b>10.3</b>
	<b>8H</b>	<b>8.6</b>	<b>9.0</b>	<b>9.5</b>	<b>9.8</b>	<b>10.8</b>	<b>8.3</b>	<b>8.7</b>	<b>9.2</b>	<b>9.5</b>	<b>10.5</b>

<b>Variations with the observer position at spacings(CIE Pub.117):</b>		
<b>S = 1.0H</b>	<b>+ 0.5 / - 0.4</b>	<b>+ 0.5 / - 0.5</b>
<b>1.5H</b>	<b>+ 0.3 / - 0.3</b>	<b>+ 0.2 / - 0.2</b>
<b>2.0H</b>	<b>+ 0.9 / - 0.7</b>	<b>+ 1.0 / - 0.7</b>

CIE Pub.117, 7493 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 7.0)  
Area: 0.63 m2

<b>C Range: 0 - 360DEG</b>	<b>γ Range: 0 - 180DEG</b>
<b>C Interval: 30.0DEG</b>	<b>γ Interval: 1.0DEG</b>
<b>Test Speed: HIGH</b>	<b>Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459</b>
<b>Temperature:25.3°C</b>	<b>Humidity:65.0%</b>
<b>Operators:Mr.Ma</b>	<b>Test Distance:6.100m [K=1.0000]</b>
<b>Test Date:2023-08-23</b>	<b>Remarks:</b>

**UTILIZATION FACTORS TABLE**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

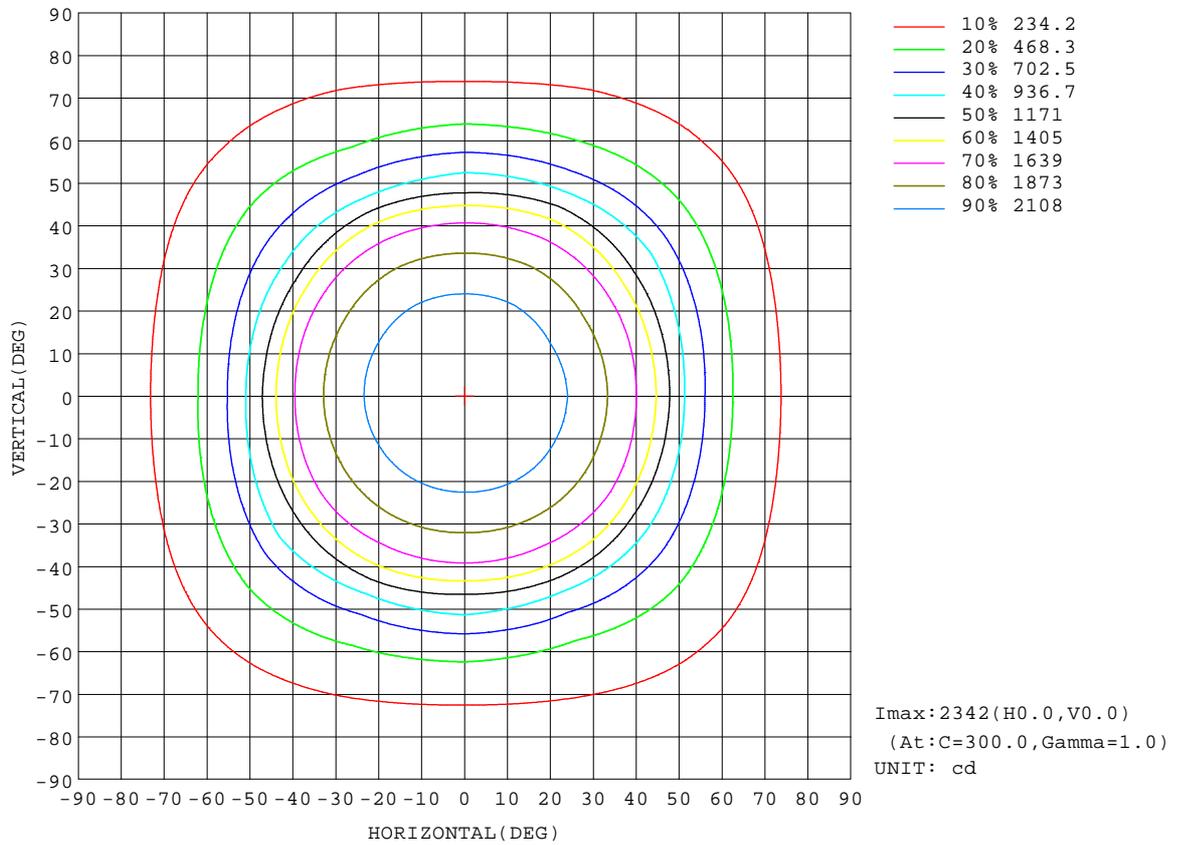
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	54	43	37	52	42	37	49	41	36	29
<b>0.80</b>	64	53	46	61	52	45	57	49	44	35
<b>1.00</b>	71	61	54	69	59	53	64	58	51	42
<b>1.25</b>	78	68	62	75	66	60	69	62	57	46
<b>1.50</b>	83	74	67	79	71	65	73	66	62	50
<b>2.00</b>	89	81	75	85	78	73	78	72	68	55
<b>2.50</b>	93	86	80	89	82	77	81	76	72	57
<b>3.00</b>	96	89	84	91	86	81	83	79	75	59
<b>4.00</b>	100	94	90	95	90	86	86	82	79	62
<b>5.00</b>	102	97	93	97	93	89	87	85	82	63
<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:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



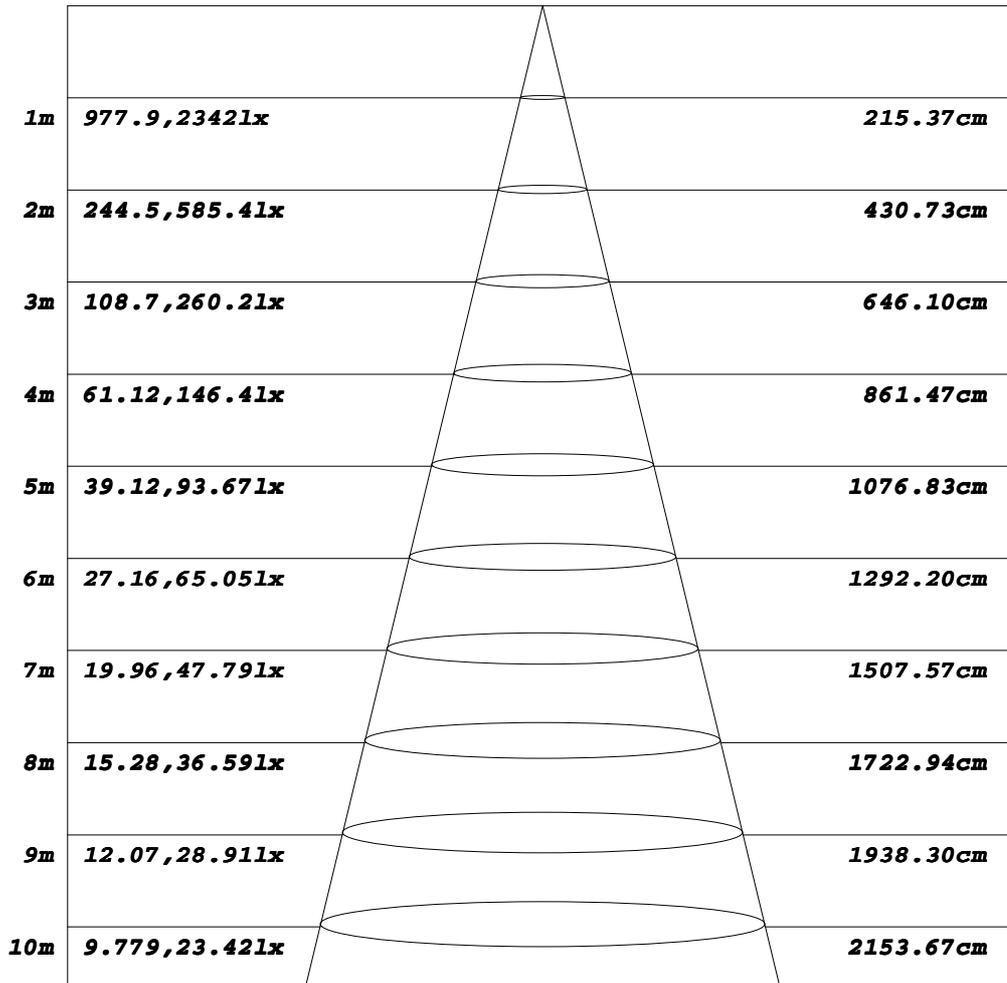
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**AAI Figure**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

**Flux out:3789 lm**



**Height                      Eavg, Emax                      Angle:94.24deg                      Diameter**

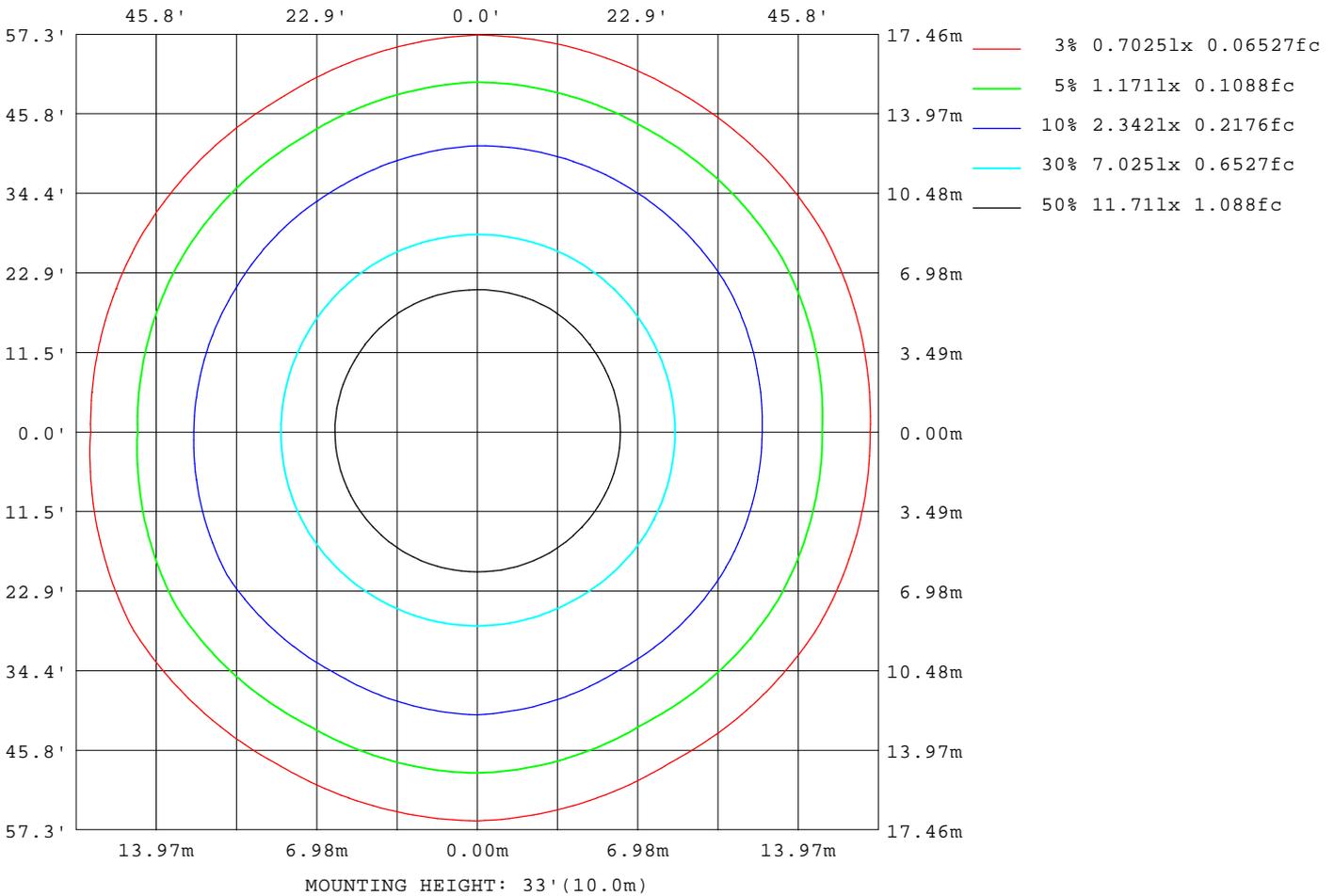
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**ISOLUX DIAGRAM**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**LED Avg.L Report**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

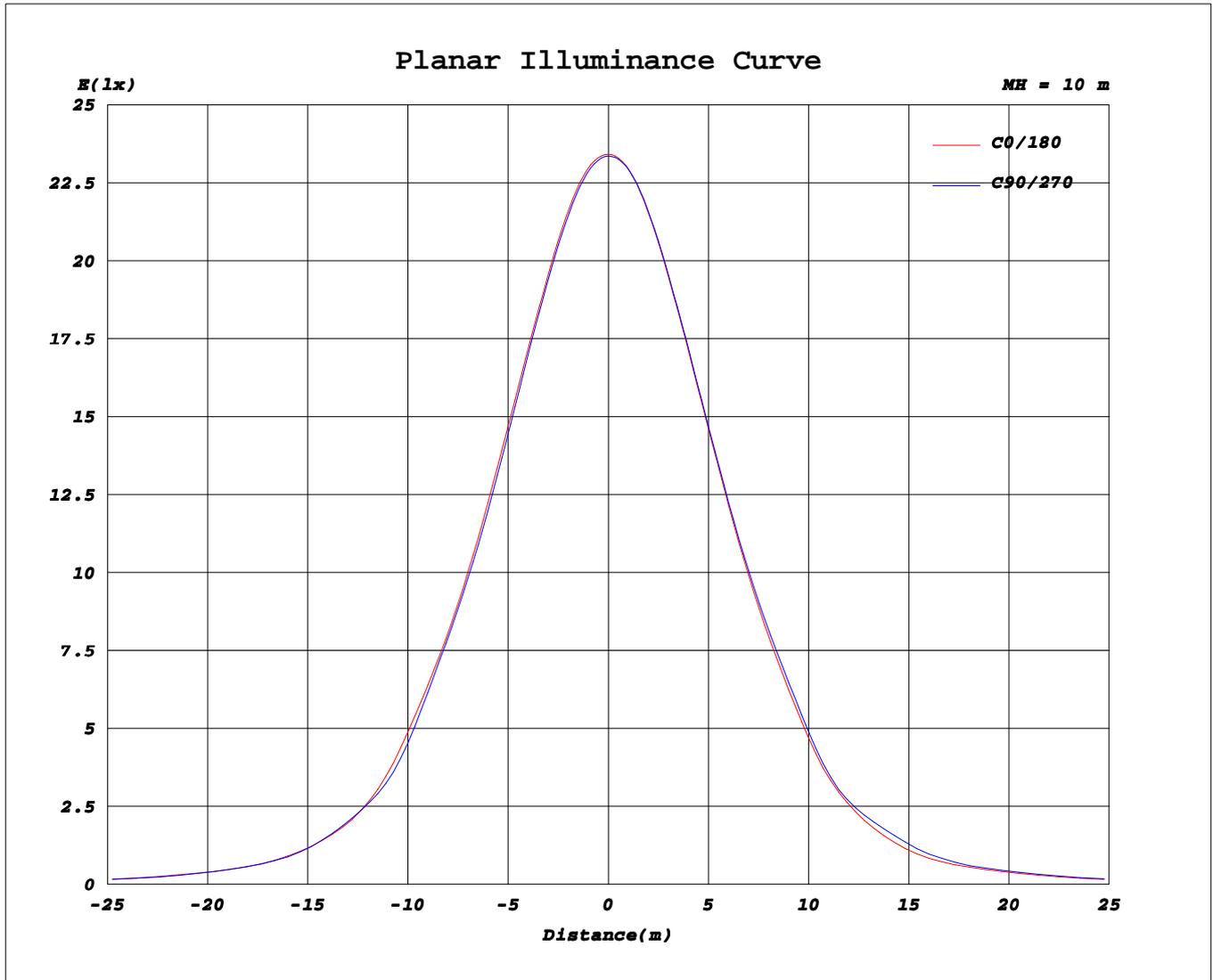
AvgL	cd/m2
L_0~180(65)av	1524
L_0~180(75)av	1225
L_0~180(85)av	1134
L_90~270(65)av	1560
L_90~270(75)av	1246
L_90~270(85)av	1215
L_45(65)av	1522
L_45(75)av	1254
L_45(85)av	1202

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3℃**  
**Operators:Mr.Ma**  
**Test Date:2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:229.04V I:0.4028A P:91.324W PF:0.9898 Freq:50.00Hz Lamp Flux:7492.56x1 lm		
NAME: Compo 900 90W WW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337							
5	2330	2329	2326	2325	2325	2328	2328	2329	2331	2332	2332	2330							
10	2298	2297	2291	2290	2288	2294	2294	2296	2302	2303	2302	2298							
15	2243	2241	2233	2231	2230	2237	2237	2240	2247	2248	2248	2241							
20	2172	2168	2160	2155	2157	2165	2163	2167	2177	2177	2179	2171							
25	2083	2073	2067	2059	2065	2069	2073	2075	2091	2090	2095	2079							
30	1968	1952	1945	1933	1946	1949	1954	1953	1976	1975	1983	1960							
35	1820	1810	1790	1789	1791	1801	1801	1806	1829	1832	1839	1817							
40	1638	1638	1602	1611	1606	1631	1616	1632	1655	1665	1664	1646							
45	1380	1327	1316	1285	1335	1316	1324	1302	1383	1384	1425	1364							
50	1014	981	943	995	975	1027	989	950	989	1028	1070	1044							
55	749	754	693	755	712	797	714	749	745	832	792	824							
60	532	538	496	533	521	562	506	520	517	576	559	573							
65	413	399	375	391	396	406	399	401	411	440	432	425							
70	295	301	282	295	284	314	287	296	289	322	313	314							
75	206	203	194	197	196	198	193	201	216	209	221	205							
80	135	140	124	130	121	137	128	134	145	148	139	141							
85	66.2	69.9	54.5	55.2	52.6	64.2	58.3	66.8	71.6	78.2	75.2	71.7							
90	3.75	3.11	2.99	3.08	3.04	2.64	2.98	3.07	5.18	7.27	7.24	3.51							
95	29.7	31.3	39.1	40.3	41.1	36.2	37.3	35.2	28.4	26.4	26.5	31.1							
100	90.0	92.8	99.1	102	102	97.0	95.4	92.7	87.5	86.6	86.7	91.4							
105	159	160	168	170	169	164	164	162	155	154	153	159							
110	221	221	228	227	227	224	225	225	220	218	219	223							
115	279	277	281	280	281	279	281	281	278	276	278	282							
120	332	331	332	331	333	333	330	334	331	332	333	339							
125	384	383	382	382	383	385	377	383	381	384	384	389							
130	432	429	426	426	427	431	422	427	427	432	433	438							
135	474	470	464	466	466	473	464	469	469	474	475	480							
140	511	506	499	501	502	510	499	506	510	512	514	518							
145	548	541	535	537	539	548	532	538	544	548	550	554							
150	631	624	622	624	633	633	614	616	623	627	630	635							
155	689	686	679	688	692	697	680	680	685	691	694	697							
160	736	733	728	738	741	746	733	728	734	738	743	743							
165	775	771	768	779	780	785	774	765	774	774	782	778							
170	806	799	800	808	812	812	807	797	806	803	813	807							
175	829	821	825	830	835	832	832	821	829	826	835	829							
180	843	836	842	842	848	844	844	834	843	841	849	843							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:2023-08-23**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**