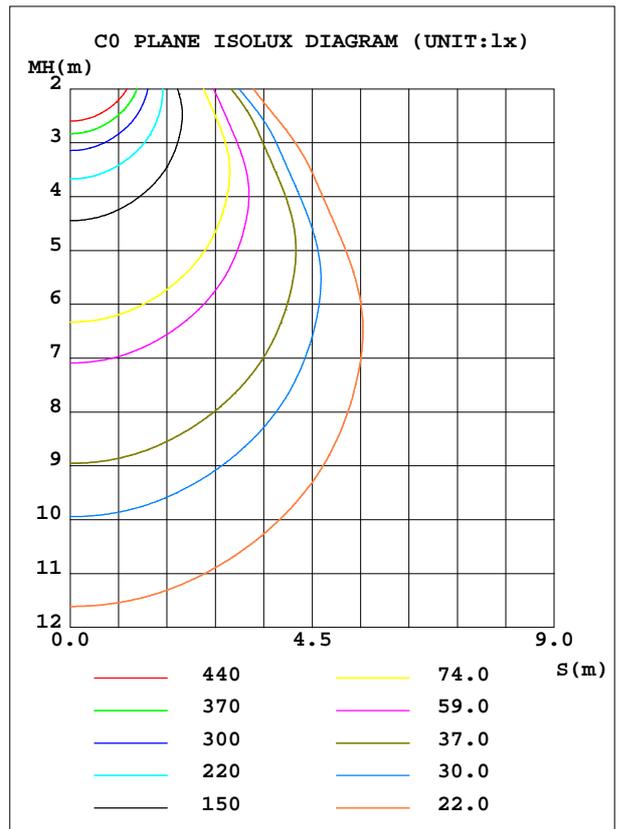
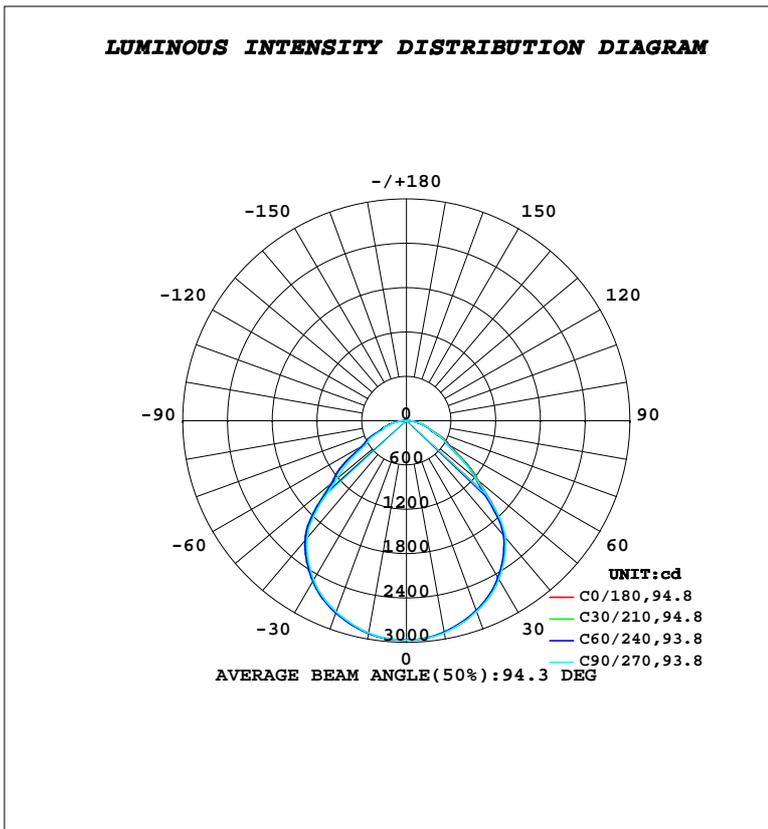


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax(cd)	2967	S/MH(C0/180)	1.25
NOMINAL POWER(W)	55	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6733.1	η UP, DN(C0-180)	0.2, 49.2
NOMINAL FLUX(lm)	6733.1	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2, 50.5
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	229.5	η down(%)	99.7	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	2910	2905	2916	2913	2918	2923	2917	2917	0- 10	280.9	280.9	4.17,4.17
20	2745	2733	2749	2749	2757	2769	2753	2754	10- 20	802.5	1083	16.1,16.1
30	2480	2455	2482	2479	2494	2514	2494	2491	20- 30	1214	2297	34.1,34.1
40	2062	2031	2063	2063	2095	2117	2074	2080	30- 40	1434	3732	55.4,55.4
50	1264	1232	1208	1234	1307	1312	1219	1225	40- 50	1291	5022	74.6,74.6
60	665.4	638.5	625.1	641.3	678.8	690.8	618.2	632.5	50- 60	841.9	5864	87.1,87.1
70	331.5	331.1	333.0	334.3	359.5	357.0	325.7	331.3	60- 70	492.4	6357	94.4,94.4
80	164.0	146.4	163.3	161.8	173.7	183.2	166.7	166.6	70- 80	271.8	6629	98.4,98.4
90	0.9632	0.9461	0.8858	0.9443	1.426	5.150	1.173	1.269	80- 90	83.42	6712	99.7,99.7
100	1.744	1.767	1.652	1.669	1.828	1.779	1.813	1.807	90-100	1.510	6713	99.7,99.7
110	2.929	2.946	2.783	2.816	2.912	2.858	2.888	2.873	100-110	2.421	6716	99.7,99.7
120	3.940	3.928	3.808	3.900	3.915	3.867	3.902	3.878	110-120	3.393	6719	99.8,99.8
130	4.365	4.293	4.232	4.353	4.187	4.263	4.273	4.265	120-130	3.709	6723	99.8,99.8
140	4.476	4.334	4.310	4.442	4.191	4.319	4.324	4.316	130-140	3.342	6726	99.9,99.9
150	4.697	4.524	4.599	4.709	4.423	4.564	4.576	4.573	140-150	2.788	6729	99.9,99.9
160	4.771	4.628	4.806	4.795	4.556	4.756	4.738	4.763	150-160	2.159	6731	100,100
170	4.886	4.703	4.884	4.802	4.790	5.014	4.978	4.800	160-170	1.353	6733	100,100
180	4.917	4.855	4.953	4.908	4.919	4.856	4.951	4.908	170-180	0.4646	6733	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

**Conical surface Flux(90deg): 4435.3 lm**

%lum = 65.9%  
%lamp = 65.9%

**Conical surface Flux(130deg): 6149.5 lm**

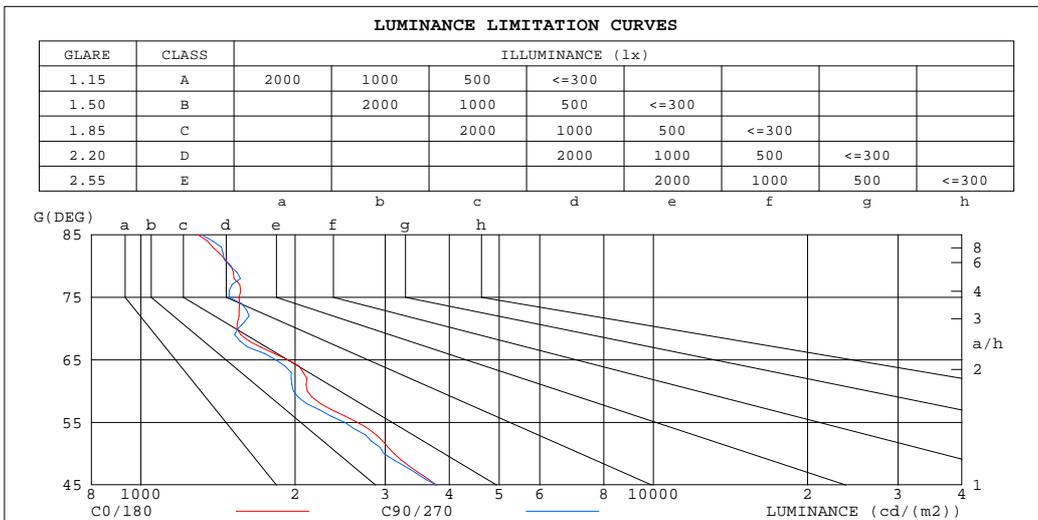
%lum = 91.3%  
%lamp = 91.3%

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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1295	1314
80	1499	1493
75	1554	1486
70	1538	1546
65	1938	1834
60	2112	1985
55	2647	2503
50	3120	2983
45	3775	3772

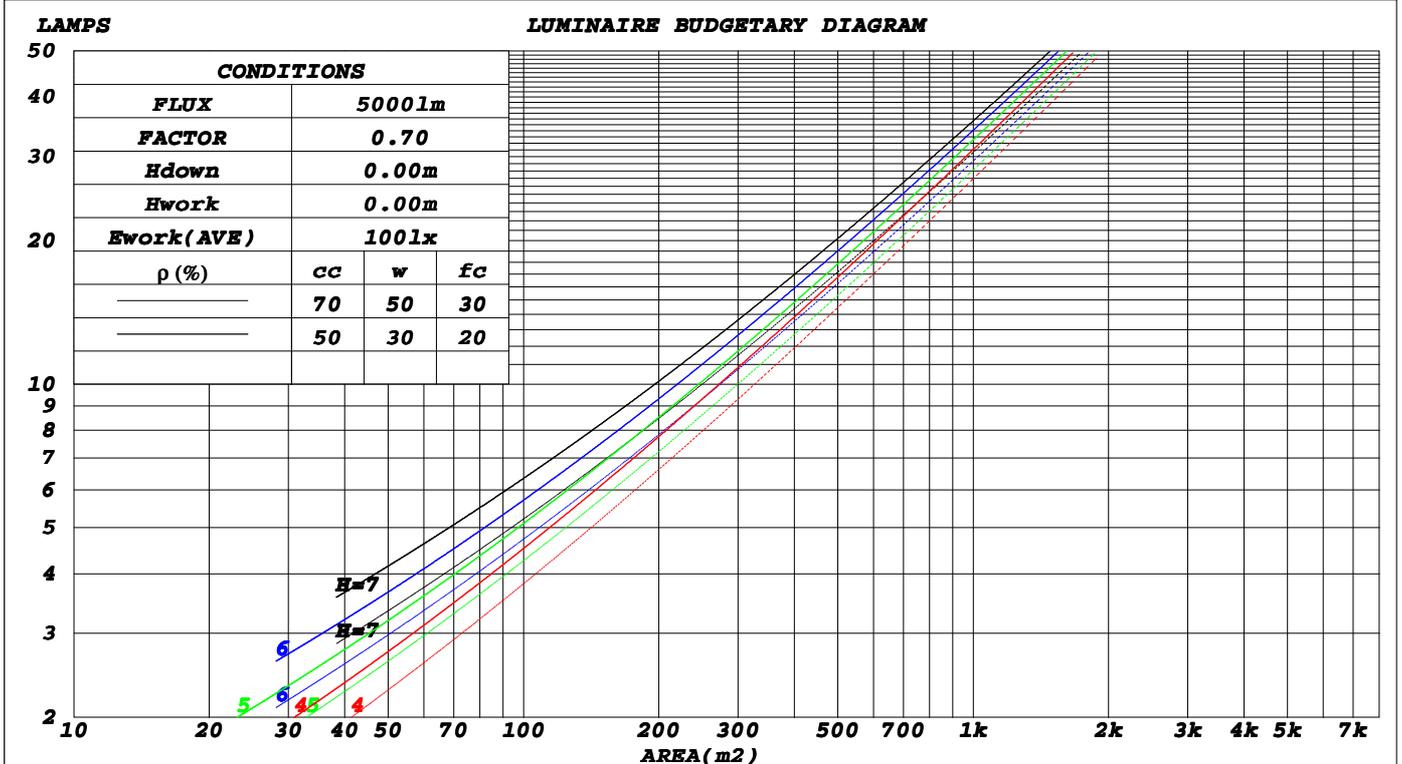
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	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	1.19	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	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.82	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.53	.46	.42	.51	.46	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.38	.47	.42	.37	.35
9.0	.48	.40	.35	.47	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.42	.35	.31	.41	.35	.31	.29



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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	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	.269	.153	.048	.262	.149	.047	.249	.143	.046	.237	.137	.044	.225	.131	.042	
2.0	.256	.140	.043	.250	.138	.042	.239	.133	.041	.228	.128	.040	.218	.123	.039	
3.0	.240	.128	.038	.235	.126	.038	.225	.122	.037	.215	.118	.036	.207	.114	.035	
4.0	.225	.117	.034	.220	.115	.034	.211	.112	.033	.203	.109	.033	.195	.106	.032	
5.0	.210	.107	.031	.206	.106	.031	.198	.103	.030	.190	.100	.030	.184	.098	.029	
6.0	.197	.099	.028	.193	.097	.028	.186	.095	.028	.179	.093	.027	.173	.091	.027	
7.0	.185	.091	.026	.181	.090	.026	.175	.088	.025	.169	.087	.025	.163	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.082	.024	.160	.081	.023	.155	.079	.023	
9.0	.164	.079	.022	.161	.079	.022	.156	.077	.022	.151	.076	.022	.147	.074	.022	
10.0	.155	.074	.021	.152	.074	.021	.148	.072	.020	.143	.071	.020	.139	.070	.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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
2.0	.180	.159	.140	.154	.136	.120	.105	.094	.083	.061	.054	.048	.019	.017	.016	
3.0	.170	.135	.105	.146	.116	.091	.100	.080	.063	.058	.047	.037	.018	.015	.012	
4.0	.161	.117	.081	.138	.101	.070	.095	.070	.049	.055	.041	.029	.018	.013	.010	
5.0	.153	.103	.064	.132	.089	.056	.090	.062	.039	.052	.036	.023	.017	.012	.008	
6.0	.146	.092	.053	.125	.080	.046	.086	.056	.032	.050	.033	.019	.016	.011	.006	
7.0	.139	.084	.044	.119	.072	.038	.082	.051	.027	.048	.030	.016	.015	.010	.005	
8.0	.133	.077	.038	.114	.066	.033	.079	.047	.023	.046	.027	.014	.015	.009	.005	
9.0	.126	.071	.033	.109	.061	.029	.075	.043	.020	.044	.025	.012	.014	.008	.004	
10.0	.121	.066	.029	.104	.057	.025	.072	.040	.018	.042	.024	.011	.014	.008	.004	
10.0	.116	.062	.026	.100	.054	.023	.069	.038	.016	.040	.022	.010	.013	.007	.003	

**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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	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>9.0</b>	<b>10.4</b>	<b>9.2</b>	<b>10.6</b>	<b>10.8</b>	<b>8.8</b>	<b>10.2</b>	<b>9.1</b>	<b>10.4</b>	<b>10.6</b>
	<b>3H</b>	<b>9.7</b>	<b>10.9</b>	<b>10.0</b>	<b>11.2</b>	<b>11.4</b>	<b>9.5</b>	<b>10.8</b>	<b>9.8</b>	<b>11.0</b>	<b>11.2</b>
	<b>4H</b>	<b>10.0</b>	<b>11.2</b>	<b>10.3</b>	<b>11.5</b>	<b>11.7</b>	<b>9.8</b>	<b>11.0</b>	<b>10.1</b>	<b>11.3</b>	<b>11.5</b>
	<b>6H</b>	<b>10.3</b>	<b>11.4</b>	<b>10.6</b>	<b>11.7</b>	<b>12.0</b>	<b>10.2</b>	<b>11.3</b>	<b>10.5</b>	<b>11.6</b>	<b>11.8</b>
	<b>8H</b>	<b>10.4</b>	<b>11.5</b>	<b>10.7</b>	<b>11.8</b>	<b>12.1</b>	<b>10.3</b>	<b>11.4</b>	<b>10.6</b>	<b>11.6</b>	<b>11.9</b>
	<b>12H</b>	<b>10.5</b>	<b>11.5</b>	<b>10.8</b>	<b>11.8</b>	<b>12.1</b>	<b>10.3</b>	<b>11.4</b>	<b>10.7</b>	<b>11.7</b>	<b>12.0</b>
<b>4H</b>	<b>2H</b>	<b>9.2</b>	<b>10.4</b>	<b>9.5</b>	<b>10.7</b>	<b>10.9</b>	<b>9.1</b>	<b>10.3</b>	<b>9.4</b>	<b>10.5</b>	<b>10.8</b>
	<b>3H</b>	<b>10.1</b>	<b>11.1</b>	<b>10.4</b>	<b>11.4</b>	<b>11.7</b>	<b>9.9</b>	<b>11.0</b>	<b>10.3</b>	<b>11.3</b>	<b>11.6</b>
	<b>4H</b>	<b>10.6</b>	<b>11.5</b>	<b>10.9</b>	<b>11.8</b>	<b>12.2</b>	<b>10.4</b>	<b>11.4</b>	<b>10.8</b>	<b>11.7</b>	<b>12.0</b>
	<b>6H</b>	<b>11.0</b>	<b>11.8</b>	<b>11.4</b>	<b>12.2</b>	<b>12.6</b>	<b>10.9</b>	<b>11.7</b>	<b>11.3</b>	<b>12.1</b>	<b>12.4</b>
	<b>8H</b>	<b>11.1</b>	<b>11.9</b>	<b>11.6</b>	<b>12.3</b>	<b>12.7</b>	<b>11.0</b>	<b>11.8</b>	<b>11.4</b>	<b>12.2</b>	<b>12.6</b>
	<b>12H</b>	<b>11.3</b>	<b>12.0</b>	<b>11.7</b>	<b>12.4</b>	<b>12.8</b>	<b>11.1</b>	<b>11.9</b>	<b>11.6</b>	<b>12.3</b>	<b>12.7</b>
<b>8H</b>	<b>4H</b>	<b>10.7</b>	<b>11.5</b>	<b>11.1</b>	<b>11.8</b>	<b>12.2</b>	<b>10.6</b>	<b>11.4</b>	<b>11.0</b>	<b>11.7</b>	<b>12.1</b>
	<b>6H</b>	<b>11.3</b>	<b>11.9</b>	<b>11.7</b>	<b>12.3</b>	<b>12.7</b>	<b>11.1</b>	<b>11.8</b>	<b>11.6</b>	<b>12.2</b>	<b>12.6</b>
	<b>8H</b>	<b>11.5</b>	<b>12.1</b>	<b>12.0</b>	<b>12.5</b>	<b>12.9</b>	<b>11.4</b>	<b>12.0</b>	<b>11.8</b>	<b>12.4</b>	<b>12.8</b>
	<b>12H</b>	<b>11.7</b>	<b>12.2</b>	<b>12.1</b>	<b>12.6</b>	<b>13.1</b>	<b>11.6</b>	<b>12.1</b>	<b>12.0</b>	<b>12.5</b>	<b>13.0</b>
<b>12H</b>	<b>4H</b>	<b>10.7</b>	<b>11.4</b>	<b>11.1</b>	<b>11.8</b>	<b>12.2</b>	<b>10.6</b>	<b>11.3</b>	<b>11.0</b>	<b>11.7</b>	<b>12.1</b>
	<b>6H</b>	<b>11.3</b>	<b>11.9</b>	<b>11.8</b>	<b>12.3</b>	<b>12.8</b>	<b>11.2</b>	<b>11.8</b>	<b>11.6</b>	<b>12.2</b>	<b>12.6</b>
	<b>8H</b>	<b>11.6</b>	<b>12.0</b>	<b>12.0</b>	<b>12.5</b>	<b>13.0</b>	<b>11.5</b>	<b>11.9</b>	<b>11.9</b>	<b>12.4</b>	<b>12.9</b>

<b>Variations with the observer position at spacings(CIE Pub.117):</b>		
<b>S = 1.0H</b>	<b>+ 0.5 / - 0.5</b>	<b>+ 0.5 / - 0.6</b>
<b>1.5H</b>	<b>+ 0.2 / - 0.3</b>	<b>+ 0.2 / - 0.3</b>
<b>2.0H</b>	<b>+ 0.9 / - 0.7</b>	<b>+ 1.0 / - 0.8</b>

CIE Pub.117, 6733 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.6)  
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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

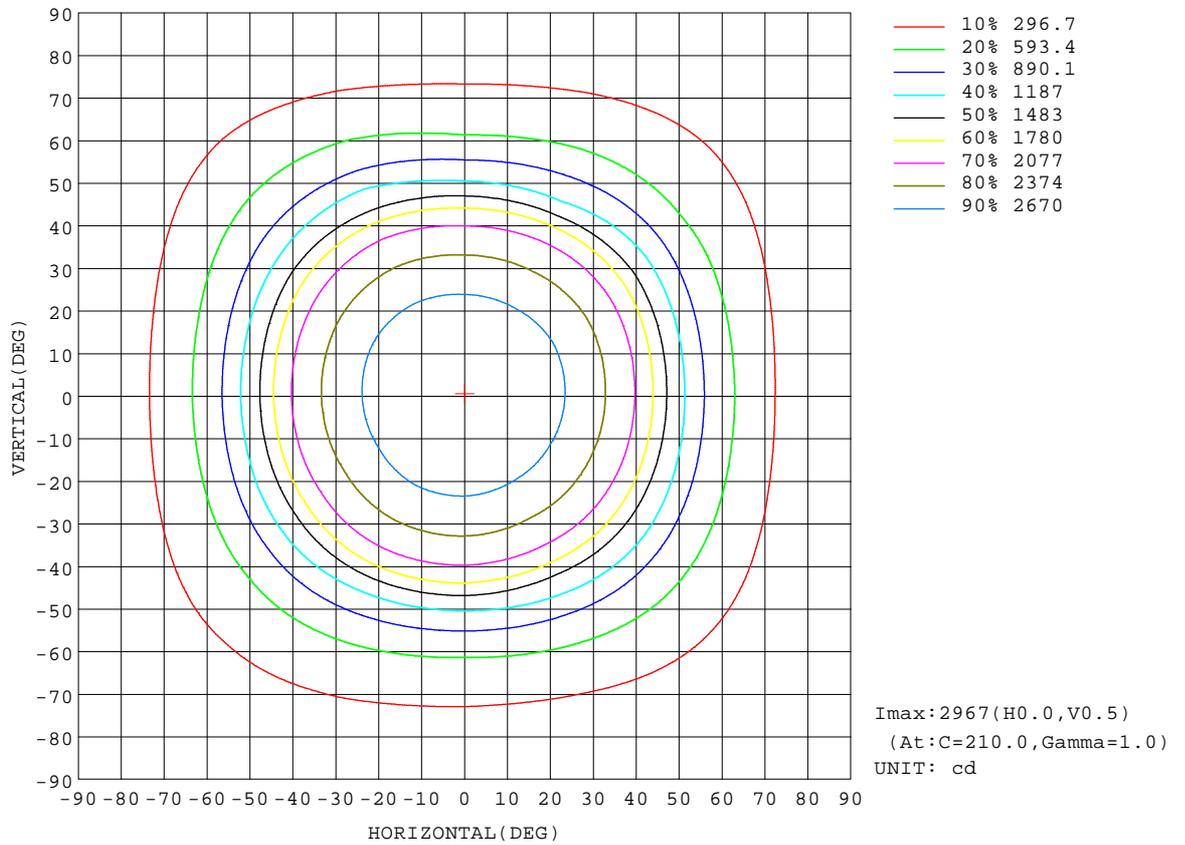
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	64	53	47	63	53	47	62	52	47	41
<b>0.80</b>	74	63	57	73	63	57	71	62	56	50
<b>1.00</b>	82	72	66	81	72	65	79	73	65	59
<b>1.25</b>	88	79	73	87	79	73	85	77	72	65
<b>1.50</b>	93	84	78	91	84	78	89	82	77	70
<b>2.00</b>	99	92	86	97	90	85	94	88	84	77
<b>2.50</b>	102	95	90	100	94	89	96	91	87	80
<b>3.00</b>	105	99	94	103	98	93	99	95	91	83
<b>4.00</b>	108	103	99	106	102	98	102	98	95	87
<b>5.00</b>	110	106	103	108	104	101	103	100	98	89
<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**

**$\gamma$  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:**

**ISOCANDELA DIAGRAM**

Test:U:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



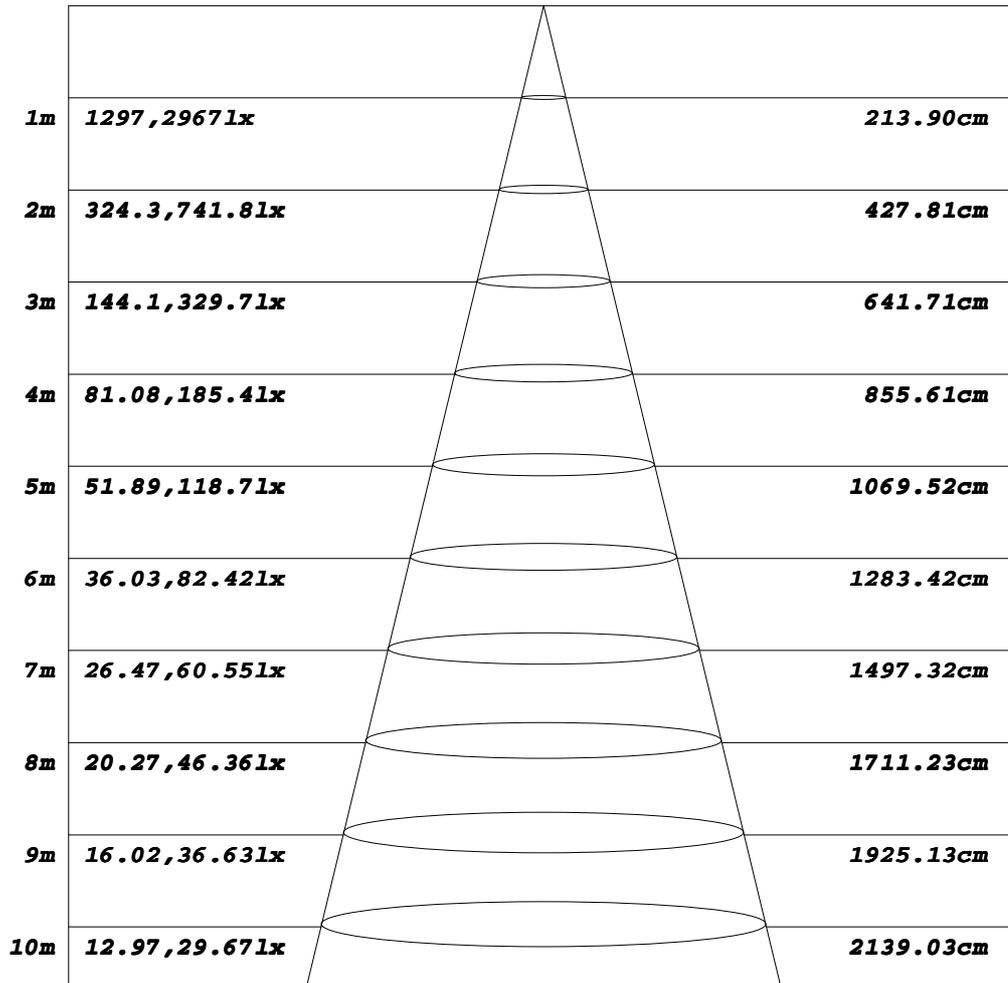
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 2023-08-23**

**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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

**Flux out:4687 lm**



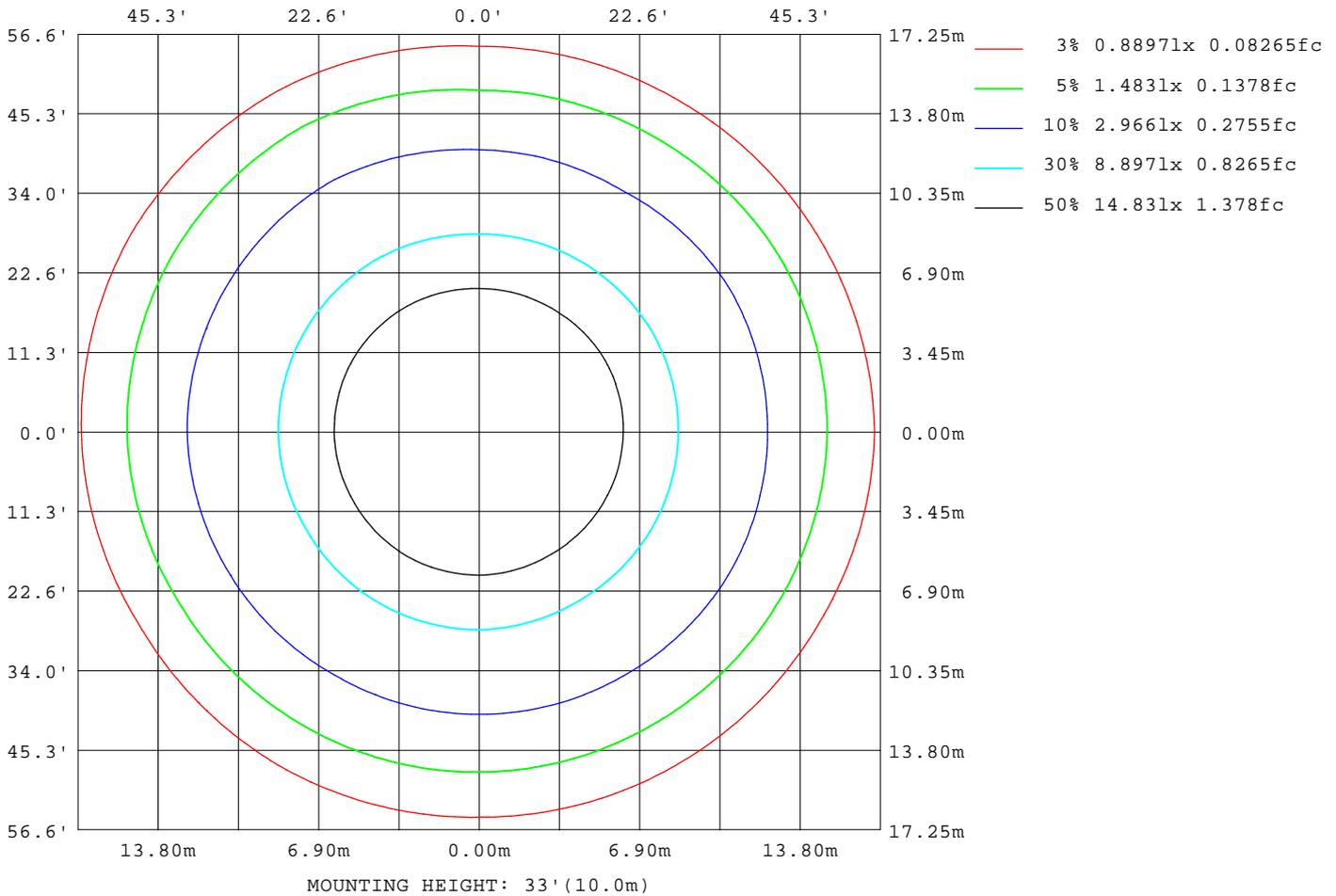
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

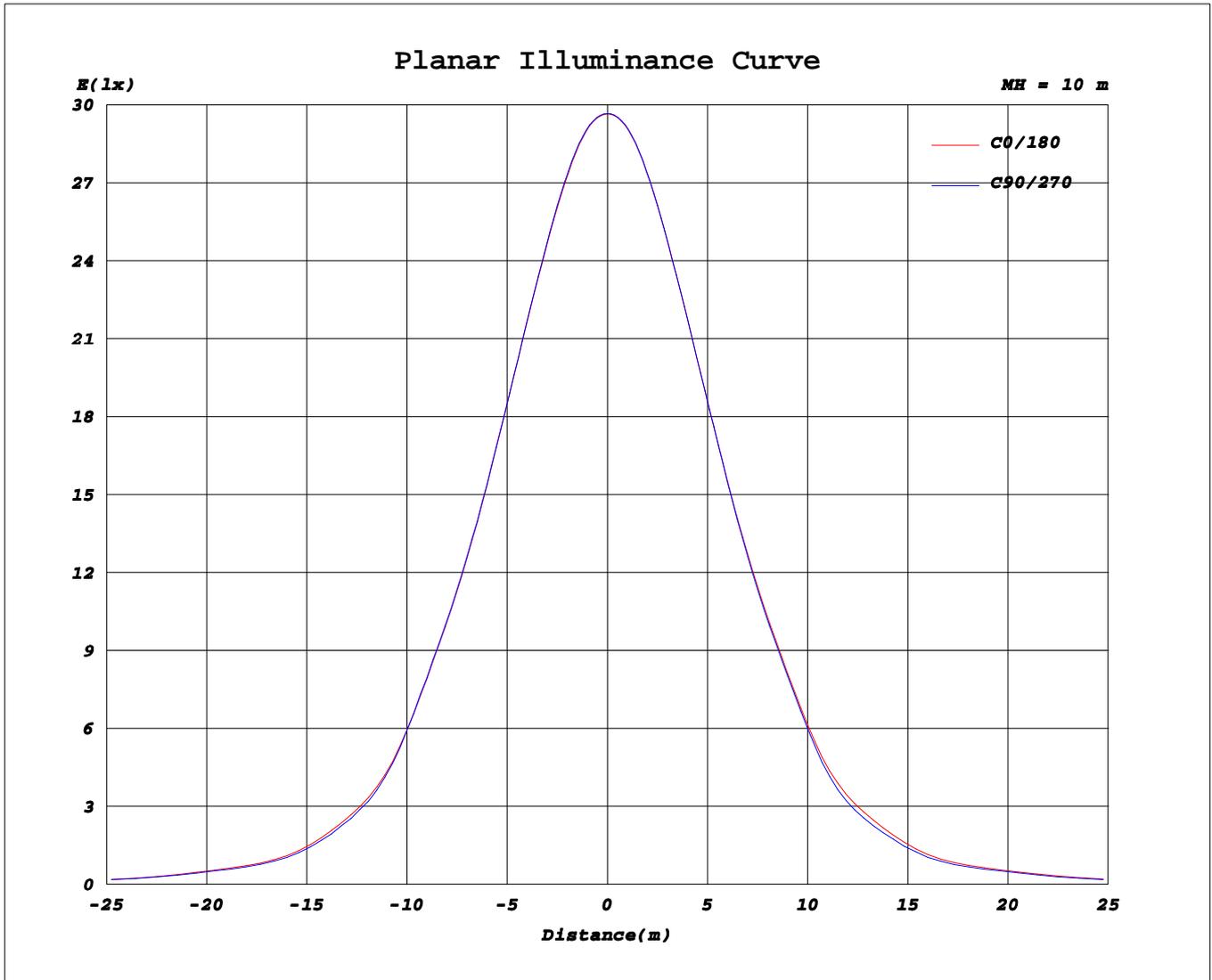
AvgL	cd/m2
L_0~180(65)av	1993
L_0~180(75)av	1580
L_0~180(85)av	1399
L_90~270(65)av	1861
L_90~270(75)av	1496
L_90~270(85)av	1359
L_45(65)av	1917
L_45(75)av	1550
L_45(85)av	1368

Standard: GB/T 29293-2012

**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:**

**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:229.32V I:0.2429A P:52.087W PF:0.9351 Freq:50.00Hz Lamp Flux:6733.1x1 lm		
NAME: Compo 900 55W NW	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	2966	2966	2966	2966	2966	2966	2966	2966	2966	2966	2966	2966						
5	2955	2953	2952	2957	2957	2954	2958	2960	2961	2958	2958	2959						
10	2910	2905	2905	2916	2916	2911	2918	2921	2926	2917	2915	2919						
15	2837	2830	2829	2842	2845	2838	2847	2854	2857	2845	2844	2849						
20	2745	2735	2732	2749	2753	2745	2757	2767	2770	2753	2751	2757						
25	2631	2617	2615	2634	2639	2626	2643	2660	2658	2641	2634	2645						
30	2480	2460	2451	2482	2487	2472	2494	2516	2512	2494	2481	2501						
35	2288	2271	2260	2291	2296	2285	2312	2329	2335	2297	2294	2310						
40	2062	2040	2023	2063	2069	2058	2095	2114	2119	2074	2073	2086						
45	1682	1645	1603	1680	1686	1667	1734	1779	1765	1693	1666	1727						
50	1264	1251	1213	1208	1217	1251	1307	1320	1303	1219	1177	1274						
55	957	924	899	904	914	934	1007	1024	1048	924	927	959						
60	665	641	636	625	640	642	679	700	682	618	629	636						
65	516	486	462	488	494	498	545	556	552	503	502	535						
70	332	331	331	333	335	334	360	350	364	326	333	329						
75	253	239	235	242	258	242	262	273	269	246	255	249						
80	164	151	142	163	164	160	174	185	182	167	161	173						
85	71.1	61.5	57.7	72.1	76.4	69.4	82.5	89.0	90.5	77.1	76.5	80.4						
90	0.96	0.95	0.95	0.89	0.98	0.91	1.43	5.15	5.14	1.17	1.10	1.44						
95	1.28	1.31	1.32	1.22	1.22	1.27	1.42	1.39	1.35	1.41	1.41	1.40						
100	1.74	1.77	1.76	1.65	1.64	1.70	1.83	1.80	1.76	1.81	1.81	1.80						
105	2.30	2.32	2.32	2.18	2.15	2.25	2.34	2.30	2.25	2.30	2.30	2.30						
110	2.93	2.93	2.96	2.78	2.76	2.87	2.91	2.88	2.84	2.89	2.87	2.88						
115	3.51	3.50	3.50	3.34	3.35	3.48	3.48	3.45	3.39	3.45	3.44	3.43						
120	3.94	3.94	3.91	3.81	3.83	3.97	3.91	3.89	3.84	3.90	3.89	3.86						
125	4.22	4.20	4.16	4.09	4.14	4.27	4.14	4.15	4.12	4.16	4.16	4.13						
130	4.36	4.32	4.27	4.23	4.29	4.41	4.19	4.27	4.25	4.27	4.28	4.25						
135	4.43	4.33	4.31	4.28	4.35	4.46	4.18	4.31	4.29	4.30	4.30	4.28						
140	4.48	4.34	4.33	4.31	4.38	4.50	4.19	4.33	4.31	4.32	4.33	4.31						
145	4.57	4.38	4.42	4.39	4.47	4.62	4.26	4.40	4.39	4.41	4.41	4.39						
150	4.70	4.51	4.54	4.60	4.64	4.77	4.42	4.57	4.56	4.58	4.60	4.55						
155	4.73	4.57	4.60	4.72	4.76	4.79	4.51	4.67	4.70	4.67	4.72	4.65						
160	4.77	4.59	4.66	4.81	4.81	4.78	4.56	4.73	4.78	4.74	4.79	4.74						
165	4.87	4.58	4.73	4.86	4.82	4.76	4.64	4.75	4.84	4.90	4.75	4.81						
170	4.89	4.60	4.81	4.88	4.82	4.79	4.79	4.94	5.08	4.98	4.75	4.84						
175	4.91	4.68	4.89	4.93	4.86	4.87	4.86	4.85	4.98	4.92	4.81	4.90						
180	4.92	4.78	4.93	4.95	4.88	4.94	4.92	4.78	4.93	4.95	4.88	4.94						

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

**γ Range: 0 - 180DEG**  
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