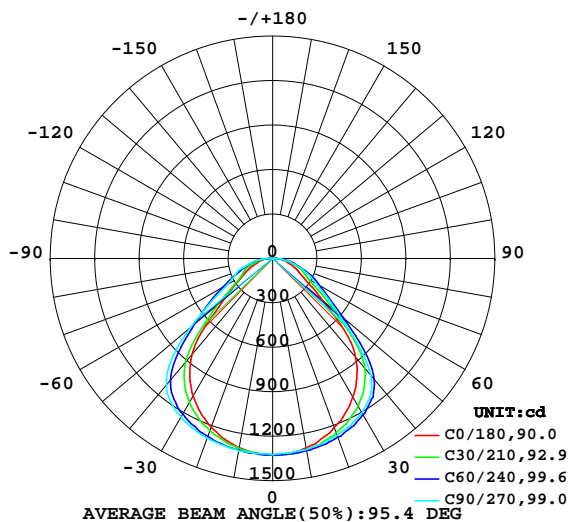
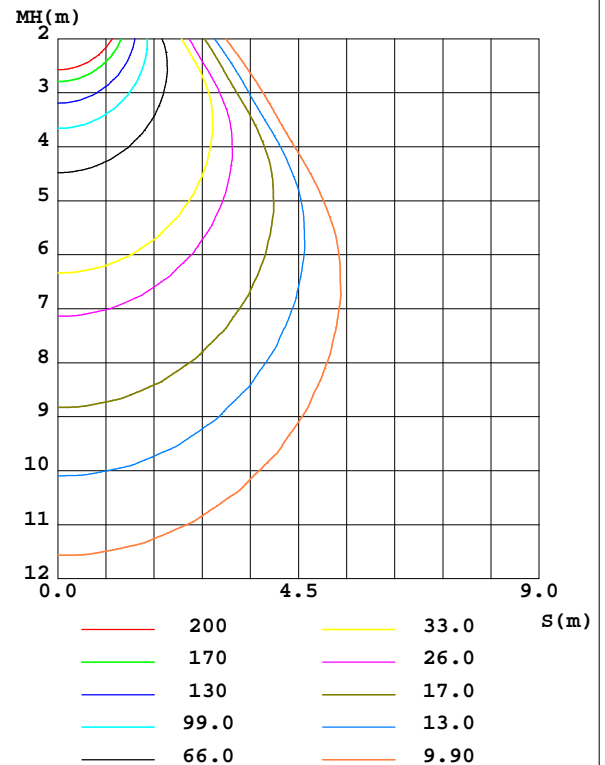


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 108.55 lm/W
MODEL		Imax(cd)	1329	S/MH(C0/180)	1.21	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.39	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3097.6	$\eta$ UP,DN(C0-180)	0.3,48.3	
NOMINAL FLUX(lm)	3097.6	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.3,51.2	
LAMPS INSIDE	1	$\eta$ up(%)	0.6	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.3	$\eta$ down(%)	99.4	CIBSE SHR MAX	1.35	

**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**

**C0 PLANE ISOLUX DIAGRAM (UNIT:lx)**


**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [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	1298	1314	1309	1295	1297	1307	1317	1311	0- 10	125.6	125.6	4.05,4.05
20	1214	1268	1274	1216	1212	1257	1288	1252	10- 20	362.1	487.7	15.7,15.7
30	1082	1184	1206	1083	1074	1168	1235	1147	20- 30	554.8	1042	33.7,33.7
40	872.1	1017	1034	834.6	847.1	994.7	1117	976.9	30- 40	666.9	1709	55.2,55.2
50	439.3	580.2	577.7	413.1	427.9	583.2	721.2	572.1	40- 50	582.7	2292	74,74
60	222.2	322.6	339.9	242.4	233.9	320.3	353.4	289.6	50- 60	352.9	2645	85.4,85.4
70	140.5	208.8	212.8	151.1	139.0	204.3	245.8	189.0	60- 70	235.3	2880	93,93
80	76.33	109.2	100.1	70.18	76.84	110.3	131.4	105.6	70- 80	147.6	3028	97.7,97.7
90	0.4757	0.6445	0.6946	0.5216	0.5790	0.7833	10.89	11.59	80- 90	52.15	3080	99.4,99.4
100	0.6727	0.9370	1.148	0.8401	0.7794	1.032	1.086	0.8204	90-100	1.005	3081	99.5,99.5
110	1.085	1.530	1.839	1.463	1.160	1.641	1.619	1.215	100-110	1.222	3082	99.5,99.5
120	1.934	2.386	2.654	2.462	2.002	2.491	2.329	1.973	110-120	1.828	3084	99.6,99.6
130	3.172	3.388	3.627	3.580	3.182	3.440	3.227	2.996	120-130	2.510	3087	99.6,99.6
140	4.254	4.391	4.644	4.526	4.134	4.386	4.249	3.974	130-140	2.960	3089	99.7,99.7
150	5.288	5.393	5.529	5.307	4.928	5.219	5.189	4.999	140-150	2.989	3092	99.8,99.8
160	6.490	6.261	6.259	6.124	5.881	6.016	6.019	6.069	150-160	2.620	3095	99.9,99.9
170	7.480	6.867	6.780	6.825	6.830	6.701	6.642	6.963	160-170	1.837	3097	100,100
180	7.673	7.209	7.071	7.359	7.673	7.207	7.066	7.354	170-180	0.6717	3098	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

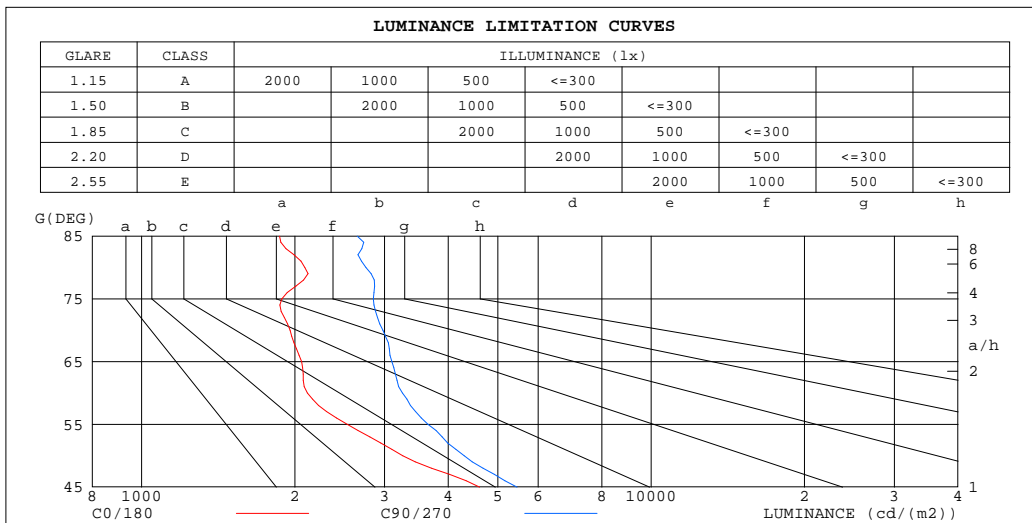
**Conical surface Flux(90deg): 2031.1 lm**
**%lum = 65.6%**
**%lamp = 65.6%**
**Conical surface Flux(130deg): 2772.6 lm**
**%lum = 89.5%**
**%lamp = 89.5%**

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [K=1.0000]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1865	2653
80	2093	2758
75	1884	2850
70	1955	2976
65	2061	3100
60	2116	3252
55	2534	3650
50	3253	4298
45	4606	5459

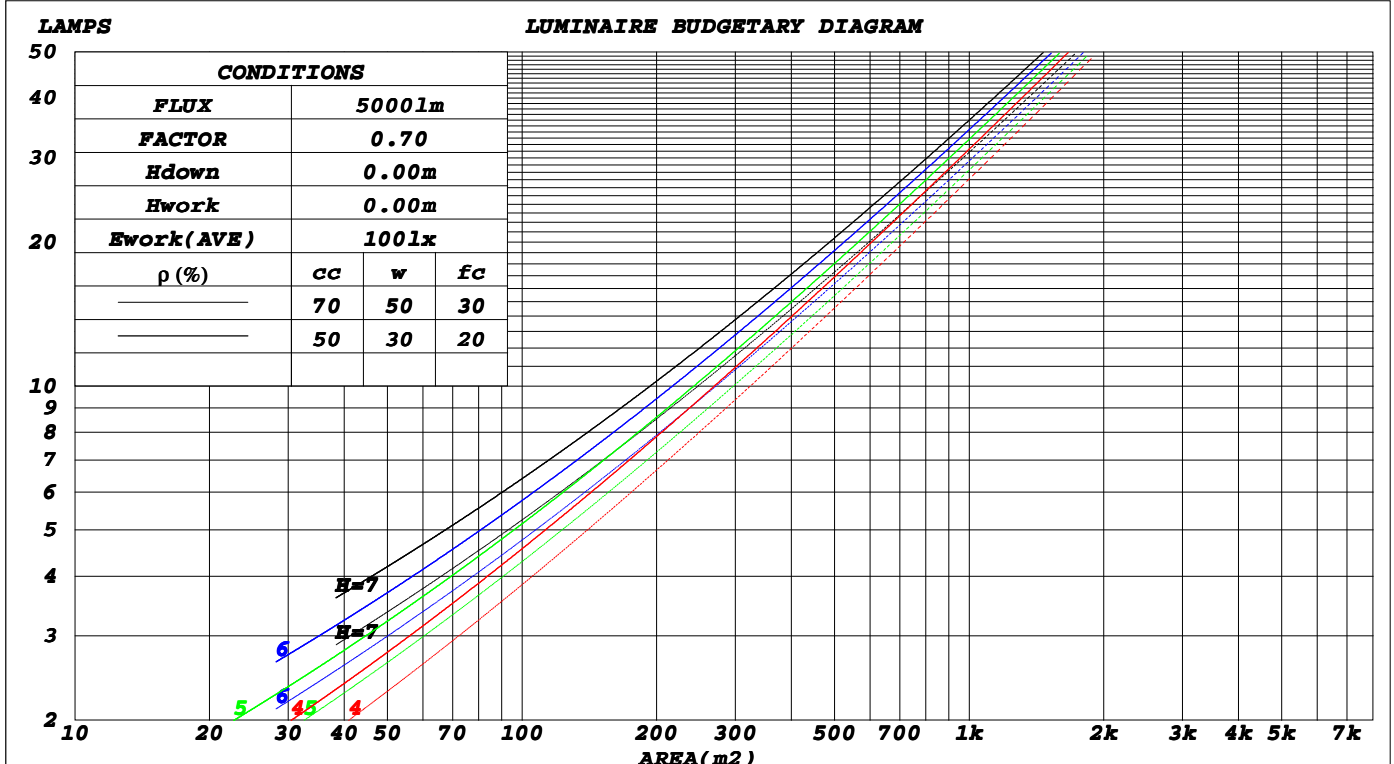
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.700m [K=1.0000]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W 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
RCR	RCR:Room Cavity Ratio      Coefficients of Utilization(CU)															
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	.99
1.0	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.93	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.77	.82	.78	.76	.73
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.73	.69	.66	.64
4.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.69	.63	.58	.66	.62	.58	.56
5.0	.67	.59	.53	.66	.59	.53	.64	.57	.52	.62	.56	.52	.60	.55	.51	.49
6.0	.61	.53	.47	.60	.52	.47	.58	.51	.46	.57	.51	.46	.55	.50	.45	.43
7.0	.56	.48	.42	.55	.47	.42	.54	.47	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.38	.51	.43	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.33	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.40	.35	.31	.29



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:Mr.Ma  
Test Date:20 February 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.700m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W 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														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.277	.158	.050	.270	.154	.049	.257	.147	.047	.244	.141	.045	.233	.135	.044															
2.0	.261	.143	.044	.255	.141	.043	.243	.135	.042	.233	.130	.041	.223	.126	.040															
3.0	.244	.130	.039	.238	.128	.038	.228	.123	.038	.218	.120	.037	.209	.116	.036															
4.0	.227	.118	.035	.222	.116	.034	.213	.113	.034	.204	.110	.033	.197	.107	.033															
5.0	.212	.108	.031	.207	.106	.031	.199	.104	.031	.192	.101	.030	.185	.099	.030															
6.0	.198	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.027	.174	.091	.027															
7.0	.185	.092	.026	.182	.091	.026	.176	.089	.026	.170	.087	.025	.164	.085	.025															
8.0	.174	.085	.024	.171	.084	.024	.165	.083	.024	.160	.081	.023	.155	.080	.023															
9.0	.164	.079	.022	.162	.079	.022	.156	.077	.022	.151	.076	.022	.147	.075	.022															
10.0	.155	.074	.021	.153	.074	.021	.148	.073	.020	.144	.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
RCR	RCR:Room Cavity Ratio      Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.195	.195	.195	.166	.166	.166	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.182	.161	.141	.156	.138	.122	.107	.095	.084	.061	.055	.049	.020	.018	.016	
2.0	.173	.136	.106	.148	.117	.092	.101	.081	.064	.058	.047	.037	.019	.015	.012	
3.0	.164	.119	.082	.140	.102	.071	.096	.071	.050	.056	.041	.030	.018	.013	.010	
4.0	.156	.105	.066	.134	.091	.057	.092	.063	.040	.053	.037	.024	.017	.012	.008	
5.0	.148	.094	.054	.127	.082	.047	.088	.057	.033	.051	.033	.020	.016	.011	.007	
6.0	.141	.086	.046	.121	.074	.040	.084	.052	.028	.049	.031	.017	.016	.010	.006	
7.0	.135	.079	.040	.116	.068	.034	.080	.048	.024	.047	.028	.015	.015	.009	.005	
8.0	.129	.073	.035	.111	.063	.030	.077	.044	.021	.045	.026	.013	.014	.009	.004	
9.0	.123	.068	.031	.106	.059	.027	.073	.041	.019	.043	.025	.011	.014	.008	.004	
10.0	.118	.064	.028	.102	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [K=1.0000]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm										
NAME: Verso 1500 30W 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>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>12.1</b>	<b>13.4</b>	<b>12.3</b>	<b>13.7</b>	<b>13.9</b>	<b>13.5</b>	<b>14.9</b>	<b>13.7</b>	<b>15.1</b>	<b>15.3</b>
<b>3H</b>	<b>12.9</b>	<b>14.2</b>	<b>13.2</b>	<b>14.4</b>	<b>14.7</b>	<b>14.5</b>	<b>15.8</b>	<b>14.8</b>	<b>16.1</b>	<b>16.3</b>
<b>4H</b>	<b>13.3</b>	<b>14.5</b>	<b>13.6</b>	<b>14.7</b>	<b>15.0</b>	<b>15.0</b>	<b>16.2</b>	<b>15.3</b>	<b>16.5</b>	<b>16.7</b>
<b>6H</b>	<b>13.7</b>	<b>14.8</b>	<b>14.0</b>	<b>15.1</b>	<b>15.4</b>	<b>15.5</b>	<b>16.6</b>	<b>15.8</b>	<b>16.9</b>	<b>17.2</b>
<b>8H</b>	<b>13.8</b>	<b>14.9</b>	<b>14.2</b>	<b>15.2</b>	<b>15.5</b>	<b>15.6</b>	<b>16.7</b>	<b>15.9</b>	<b>17.0</b>	<b>17.3</b>
<b>12H</b>	<b>13.9</b>	<b>15.0</b>	<b>14.3</b>	<b>15.3</b>	<b>15.6</b>	<b>15.7</b>	<b>16.8</b>	<b>16.1</b>	<b>17.1</b>	<b>17.4</b>
<b>4H 2H</b>	<b>12.6</b>	<b>13.8</b>	<b>12.9</b>	<b>14.1</b>	<b>14.3</b>	<b>13.8</b>	<b>15.0</b>	<b>14.1</b>	<b>15.2</b>	<b>15.5</b>
<b>3H</b>	<b>13.7</b>	<b>14.8</b>	<b>14.1</b>	<b>15.1</b>	<b>15.4</b>	<b>15.1</b>	<b>16.2</b>	<b>15.5</b>	<b>16.5</b>	<b>16.8</b>
<b>4H</b>	<b>14.3</b>	<b>15.3</b>	<b>14.7</b>	<b>15.6</b>	<b>15.9</b>	<b>15.8</b>	<b>16.7</b>	<b>16.1</b>	<b>17.1</b>	<b>17.4</b>
<b>6H</b>	<b>14.9</b>	<b>15.7</b>	<b>15.3</b>	<b>16.1</b>	<b>16.4</b>	<b>16.4</b>	<b>17.2</b>	<b>16.8</b>	<b>17.6</b>	<b>18.0</b>
<b>8H</b>	<b>15.1</b>	<b>15.9</b>	<b>15.5</b>	<b>16.2</b>	<b>16.6</b>	<b>16.6</b>	<b>17.4</b>	<b>17.0</b>	<b>17.8</b>	<b>18.2</b>
<b>12H</b>	<b>15.2</b>	<b>15.9</b>	<b>15.6</b>	<b>16.3</b>	<b>16.7</b>	<b>16.8</b>	<b>17.5</b>	<b>17.2</b>	<b>17.9</b>	<b>18.3</b>
<b>8H 4H</b>	<b>14.7</b>	<b>15.5</b>	<b>15.1</b>	<b>15.9</b>	<b>16.3</b>	<b>16.0</b>	<b>16.8</b>	<b>16.4</b>	<b>17.2</b>	<b>17.6</b>
<b>6H</b>	<b>15.5</b>	<b>16.1</b>	<b>15.9</b>	<b>16.5</b>	<b>17.0</b>	<b>16.8</b>	<b>17.5</b>	<b>17.3</b>	<b>17.9</b>	<b>18.3</b>
<b>8H</b>	<b>15.8</b>	<b>16.4</b>	<b>16.3</b>	<b>16.8</b>	<b>17.3</b>	<b>17.2</b>	<b>17.7</b>	<b>17.6</b>	<b>18.2</b>	<b>18.6</b>
<b>12H</b>	<b>16.0</b>	<b>16.5</b>	<b>16.5</b>	<b>17.0</b>	<b>17.5</b>	<b>17.5</b>	<b>18.0</b>	<b>17.9</b>	<b>18.4</b>	<b>18.9</b>
<b>12H 4H</b>	<b>14.8</b>	<b>15.5</b>	<b>15.2</b>	<b>15.9</b>	<b>16.3</b>	<b>16.0</b>	<b>16.7</b>	<b>16.4</b>	<b>17.1</b>	<b>17.5</b>
<b>6H</b>	<b>15.6</b>	<b>16.2</b>	<b>16.1</b>	<b>16.6</b>	<b>17.1</b>	<b>16.9</b>	<b>17.5</b>	<b>17.4</b>	<b>17.9</b>	<b>18.4</b>
<b>8H</b>	<b>16.0</b>	<b>16.5</b>	<b>16.5</b>	<b>16.9</b>	<b>17.4</b>	<b>17.3</b>	<b>17.8</b>	<b>17.8</b>	<b>18.2</b>	<b>18.7</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>+ 0.4 / - 0.4</b>				
<b>1.5H</b>	<b>+ 0.2 / - 0.5</b>					<b>+ 0.2 / - 0.4</b>				
<b>2.0H</b>	<b>+ 0.9 / - 0.8</b>					<b>+ 0.7 / - 0.5</b>				

CIE Pub.117, 3098 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 3.9$ )  
Area: 0.21 m<sup>2</sup>

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [K=1.0000]**  
**Remarks:**

**UTILIZATION FACTORS TABLE**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

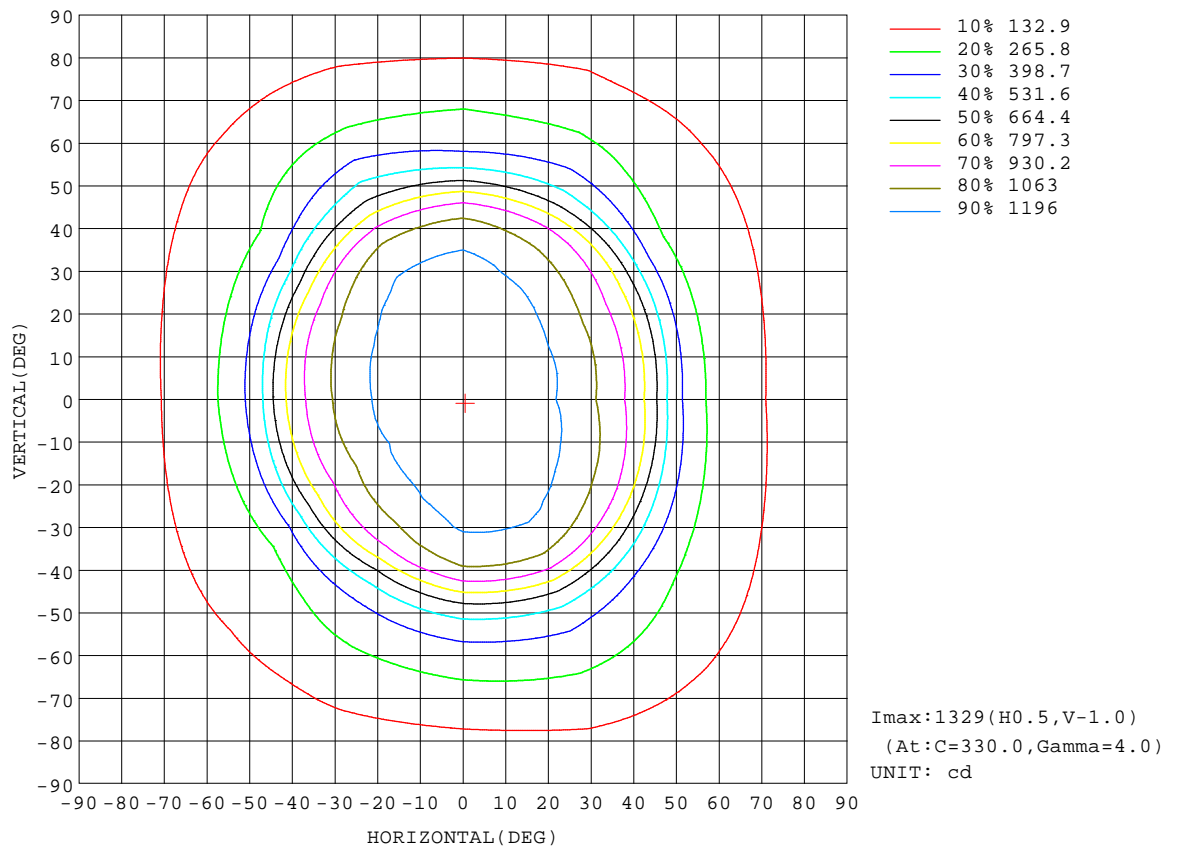
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	53	47	63	53	47	62	53	47	41
0.80	74	63	57	73	63	57	71	62	56	50
1.00	81	72	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	71	65
1.50	92	84	78	91	83	77	88	81	76	69
2.00	98	91	85	97	90	85	93	88	83	76
2.50	102	95	90	100	93	89	96	91	87	79
3.00	104	98	94	102	97	93	98	94	90	82
4.00	108	103	99	106	101	97	101	98	95	86
5.00	110	106	102	107	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3℃**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [K=1.0000]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:



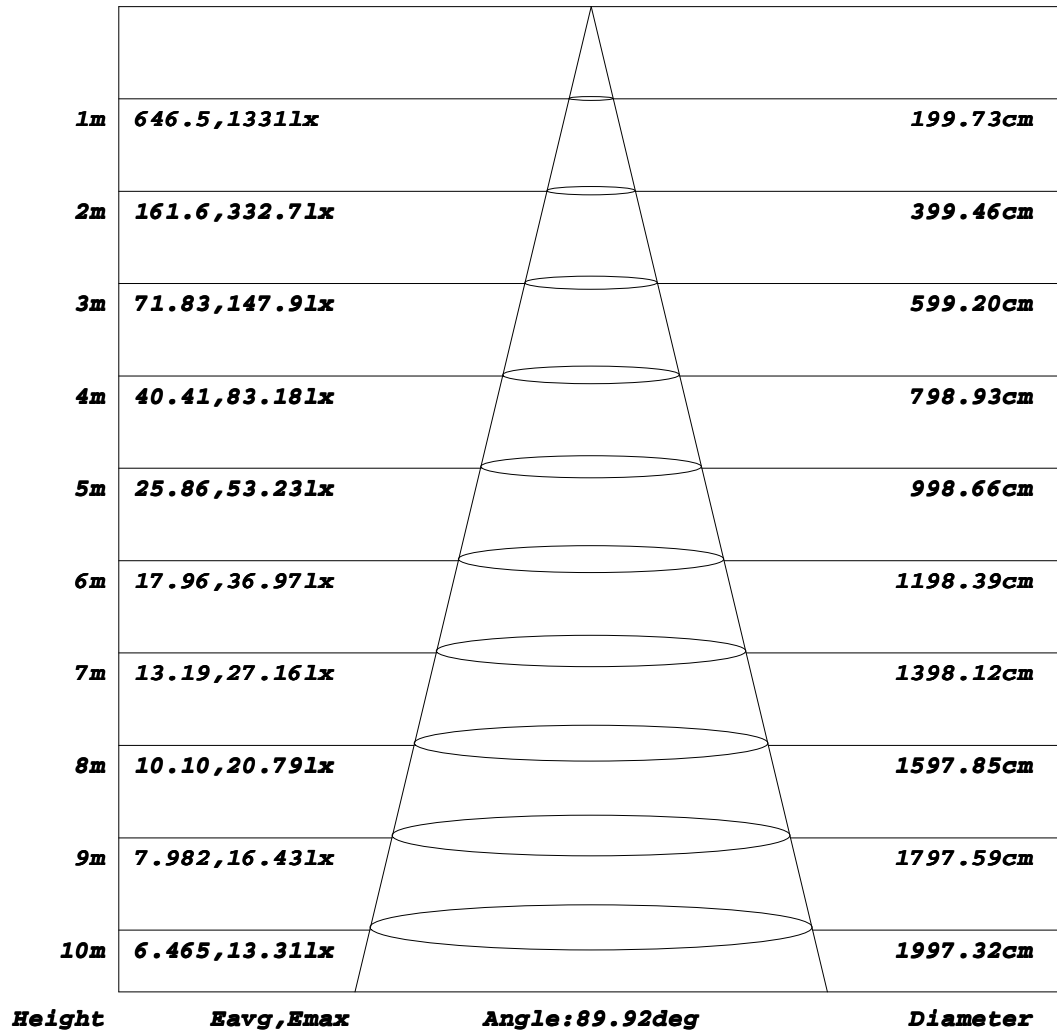
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3°C**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [K=1.0000]**  
**Remarks:**



**AAI Figure**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

**Flux out:2031 lm**


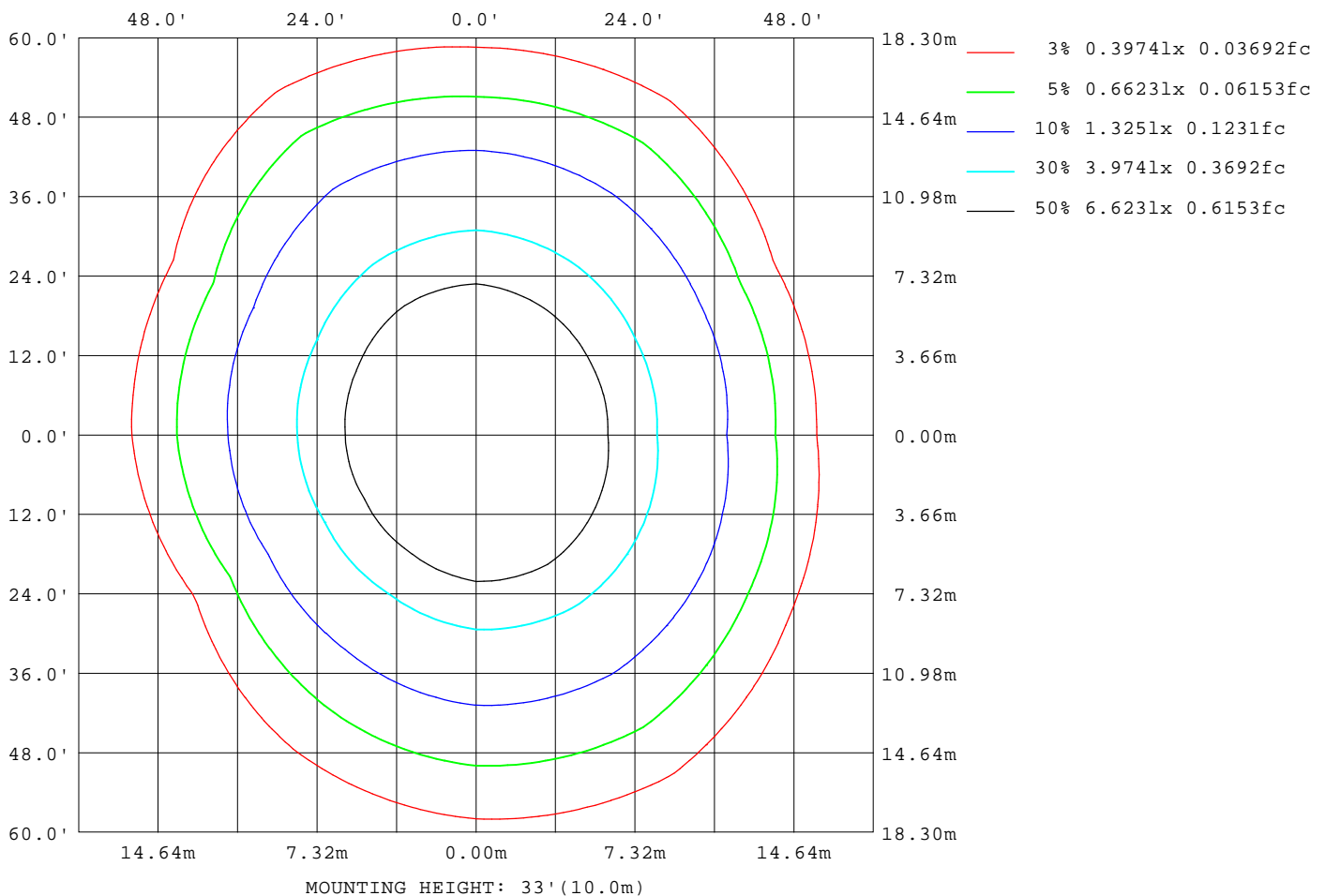
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3°C**  
**Operators: Mr.Ma**  
**Test Date: 20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.700m [K=1.0000]**  
**Remarks:**

**ISOLUX DIAGRAM**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W 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: 20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.700m [K=1.0000]**  
**Remarks:**

### LED Avg.L Report

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm		
NAME: Verso 1500 30W NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	Shielding Angle:

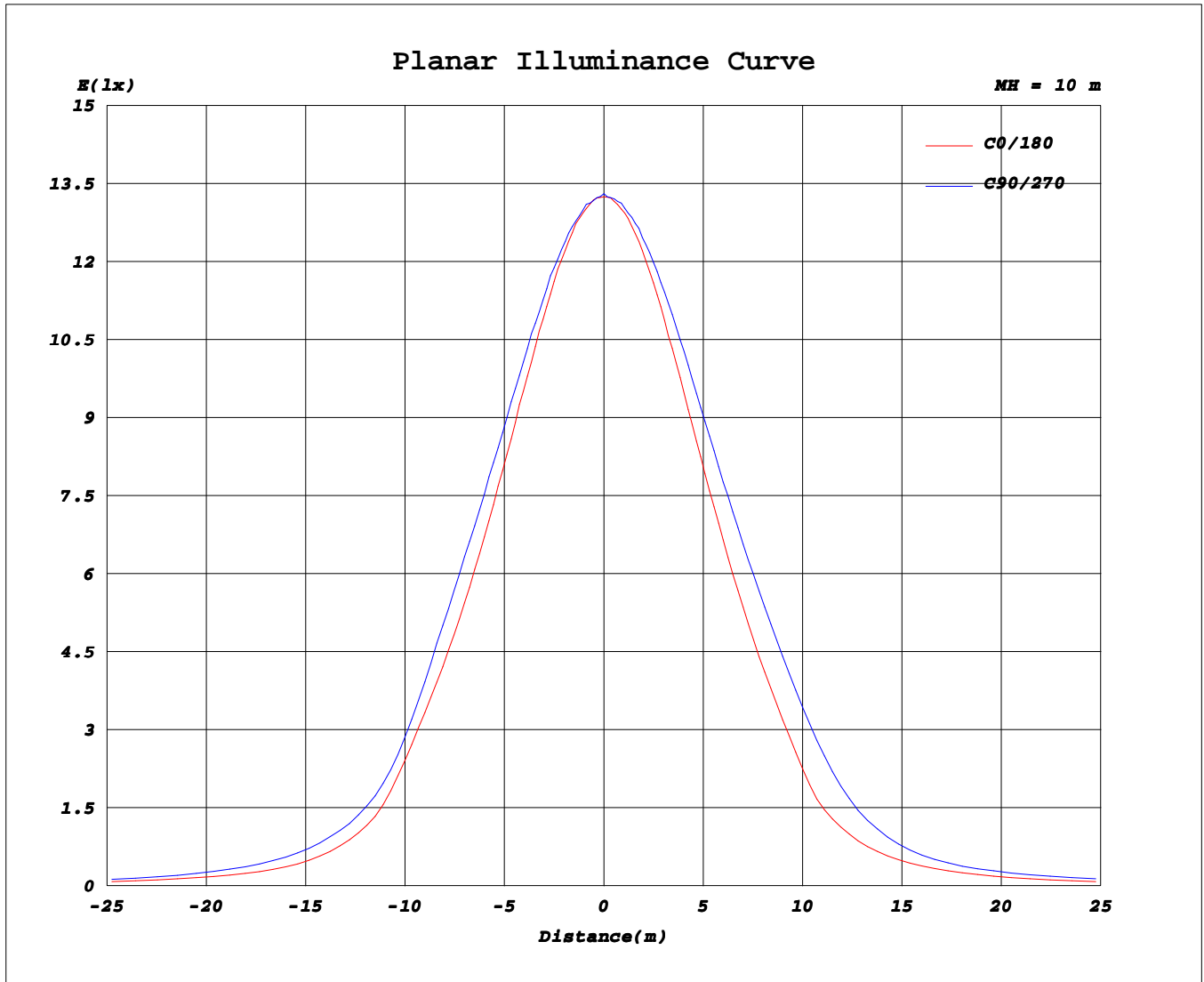
AvgL	cd/m2
L_0~180(65)av	2074
L_0~180(75)av	1888
L_0~180(85)av	1874
L_90~270(65)av	3165
L_90~270(75)av	3116
L_90~270(85)av	3349
L_45(65)av	2711
L_45(75)av	2555
L_45(85)av	2642

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3℃**  
**Operators:Mr.Ma**  
**Test Date:20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.700m [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: 20 February 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity: 65.0%**  
**Test Distance: 6.700m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:229.63V I:0.1269A P:28.535W PF:0.9794 Freq:50.00Hz Lamp Flux:3097.6x1 lm																	
NAME: Verso 1500 30W NW									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: PURATI PTY LTD									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C(°)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (°)	0	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325						
5	1318	1323	1324	1320	1317	1314	1316	1318	1321	1322	1325	1322						
10	1298	1310	1317	1309	1299	1291	1297	1302	1312	1317	1316	1307						
15	1262	1286	1304	1296	1268	1252	1261	1275	1298	1305	1299	1278						
20	1214	1252	1284	1274	1231	1200	1212	1238	1277	1288	1270	1234						
25	1154	1208	1257	1244	1181	1135	1149	1189	1249	1267	1231	1179						
30	1082	1150	1219	1206	1114	1053	1074	1124	1212	1235	1183	1110						
35	990	1073	1163	1146	1021	948	975	1038	1161	1190	1118	1027						
40	872	967	1066	1034	869	800	847	915	1074	1117	1032	921						
45	684	778	869	807	624	565	637	700	902	967	889	763						
50	439	540	620	578	460	366	428	482	685	721	640	504						
55	305	372	466	438	349	248	307	322	527	496	475	327						
60	222	279	366	340	285	200	234	250	390	353	350	229						
65	183	234	302	274	227	176	185	218	293	288	275	194						
70	140	193	224	213	168	134	139	183	226	246	210	167						
75	102	138	163	154	132	93.9	103	131	172	185	157	121						
80	76.3	99.5	119	100	80.1	60.3	76.8	93.0	128	131	125	86.4						
85	34.1	48.1	58.4	48.3	23.8	18.6	34.4	44.7	71.7	74.3	70.9	50.2						
90	0.48	0.60	0.69	0.69	0.57	0.47	0.58	0.66	0.90	10.9	16.8	6.34						
95	0.54	0.63	0.84	0.88	0.71	0.60	0.67	0.76	0.93	0.90	0.76	0.68						
100	0.67	0.79	1.09	1.15	0.93	0.75	0.78	0.91	1.15	1.09	0.87	0.77						
105	0.84	1.01	1.39	1.47	1.26	0.95	0.94	1.15	1.45	1.33	1.07	0.90						
110	1.09	1.34	1.72	1.84	1.69	1.24	1.16	1.51	1.77	1.62	1.34	1.09						
115	1.43	1.77	2.09	2.23	2.17	1.67	1.51	1.98	2.12	1.96	1.72	1.37						
120	1.93	2.28	2.49	2.65	2.68	2.24	2.00	2.48	2.51	2.33	2.16	1.79						
125	2.54	2.82	2.95	3.12	3.18	2.87	2.59	2.97	2.95	2.74	2.62	2.33						
130	3.17	3.33	3.45	3.63	3.69	3.47	3.18	3.46	3.42	3.23	3.08	2.91						
135	3.74	3.80	3.98	4.15	4.17	3.97	3.68	3.96	3.91	3.75	3.52	3.47						
140	4.25	4.29	4.49	4.64	4.61	4.44	4.13	4.41	4.37	4.25	3.98	3.97						
145	4.75	4.81	4.97	5.11	5.02	4.82	4.54	4.79	4.84	4.72	4.48	4.46						
150	5.29	5.37	5.42	5.53	5.39	5.22	4.93	5.18	5.26	5.19	5.02	4.98						
155	5.89	5.89	5.82	5.90	5.76	5.67	5.39	5.57	5.68	5.62	5.53	5.57						
160	6.49	6.32	6.21	6.26	6.15	6.10	5.88	5.96	6.08	6.02	5.96	6.17						
165	7.06	6.68	6.50	6.53	6.48	6.52	6.37	6.37	6.40	6.35	6.35	6.79						
170	7.48	6.95	6.79	6.78	6.77	6.88	6.83	6.70	6.70	6.64	6.70	7.23						
175	7.71	7.17	7.01	6.98	6.99	7.21	7.18	6.98	6.92	6.88	6.95	7.46						
180	7.67	7.28	7.14	7.07	7.18	7.54	7.67	7.28	7.13	7.07	7.17	7.53						

**C Range: 0 - 360°**
**C Interval: 30.0°**
**Test Speed: HIGH**
**Temperature: 25.3°C**
**Operators: Mr.Ma**
**Test Date: 20 February 2024**
**γ Range: 0 - 180°**
**γ Interval: 1.0°**
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**
**Humidity: 65.0%**
**Test Distance: 6.700m [K=1.0000]**
**Remarks:**