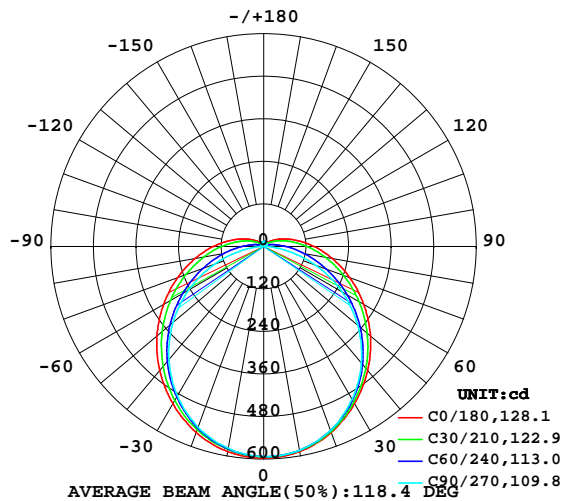


## LUMINAIRE PHOTOMETRIC TEST REPORT

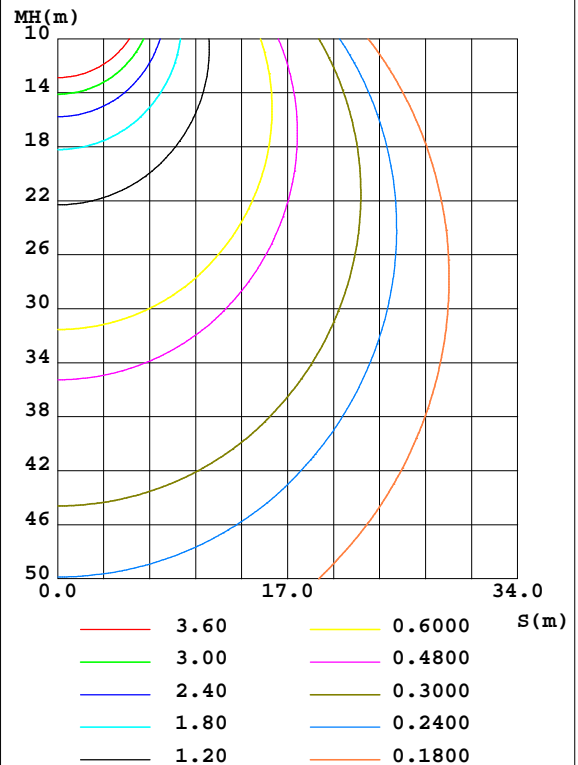
Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.91 lm/W			
MODEL		Imax(cd)	596.8	S/MH(C0/180)	1.28
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2094.8	$\eta$ UP,DN(C0-180)	4.5,45.9
NOMINAL FLUX(lm)	2094.8	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	4.5,45.1
LAMPS INSIDE	1	$\eta$ up(%)	9.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	$\eta$ down(%)	91.0	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:25.3DEG  
Operators:DAMIN  
Test Date:2020-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
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	587.4	584.4	583.7	584.4	587.4	580.6	578.0	580.6	0- 10	56.16	56.16	2.68,2.68
20	558.7	554.4	552.2	554.4	558.7	548.0	542.6	548.0	10- 20	160.8	217.0	10.4,10.4
30	512.3	504.5	498.2	504.5	512.3	496.4	487.1	496.4	20- 30	243.5	460.5	22,22
40	456.6	441.3	428.9	441.3	456.6	432.2	415.8	432.2	30- 40	294.7	755.2	36,36
50	393.5	368.5	346.6	368.5	393.5	360.1	333.8	360.1	40- 50	310.5	1066	50.9,50.9
60	325.8	291.0	254.2	291.0	325.8	283.1	243.2	283.1	50- 60	292.0	1358	64.8,64.8
70	258.9	214.6	156.9	214.6	258.9	208.6	147.9	208.6	60- 70	245.8	1603	76.5,76.5
80	196.2	146.3	62.55	146.3	196.2	142.1	56.78	142.1	70- 80	183.1	1787	85.3,85.3
90	142.4	92.65	5.124	92.65	142.4	90.08	5.557	90.08	80- 90	120.1	1907	91,91
100	97.81	55.65	5.465	55.65	97.81	53.94	6.293	53.94	90-100	74.91	1981	94.6,94.6
110	63.30	32.19	6.522	32.19	63.30	30.75	7.149	30.75	100-110	45.07	2027	96.7,96.7
120	38.61	18.45	7.654	18.45	38.61	17.91	8.123	17.91	110-120	25.78	2052	98,98
130	22.65	12.67	8.887	12.67	22.65	12.39	9.227	12.39	120-130	14.69	2067	98.7,98.7
140	14.47	11.22	10.24	11.22	14.47	11.29	10.49	11.29	130-140	9.606	2077	99.1,99.1
150	12.34	11.79	11.61	11.79	12.34	11.90	11.82	11.90	140-150	7.312	2084	99.5,99.5
160	13.08	12.87	12.88	12.87	13.08	12.90	13.03	12.90	150-160	5.727	2090	99.8,99.8
170	13.91	13.80	13.91	13.80	13.91	13.76	13.94	13.76	160-170	3.785	2093	99.9,99.9
180	14.04	14.08	14.29	14.08	14.04	14.08	14.28	14.08	170-180	1.335	2095	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 910.66 lm

%lum = 43.5%

%lamp = 43.5%

Conical surface Flux(120deg): 1357.7 lm

%lum = 64.8%

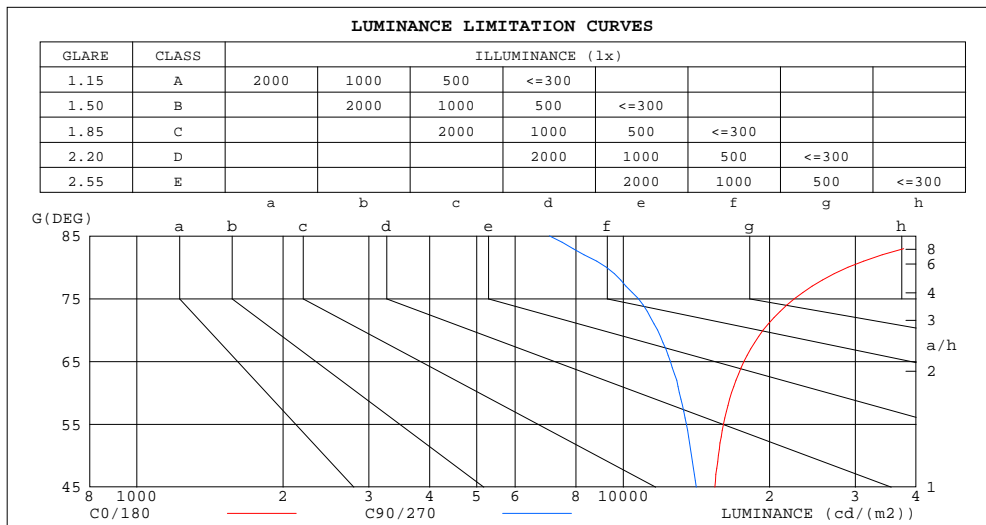
%lamp = 64.8%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.000m [K=0.7063]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	49549	7055
80	28976	9237
75	22503	10746
70	19413	11765
65	17724	12495
60	16710	13038
55	16082	13483
50	15698	13826
45	15436	14126

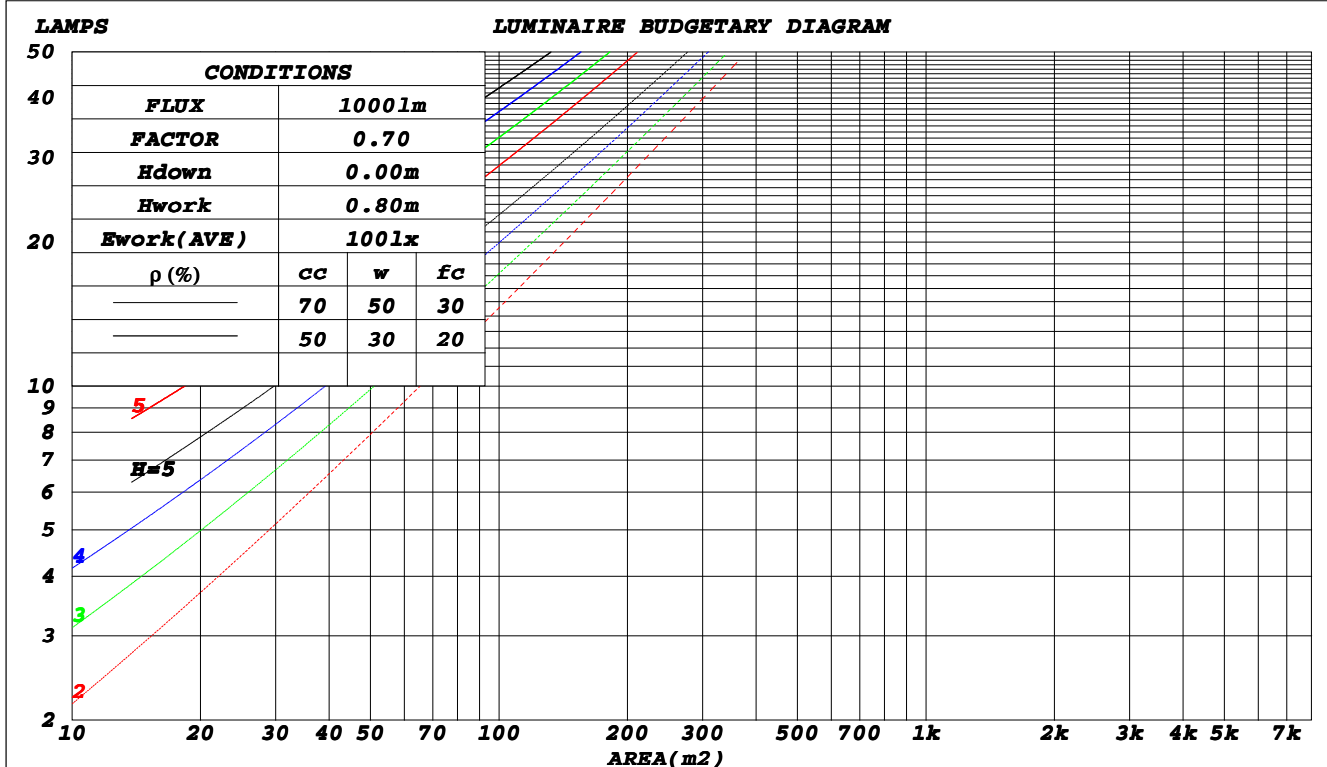
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2020-04-28

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

$\rho_{cc}$	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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	.99	.94	.90	.96	.91	.87	.90	.86	.83	.84	.81	.79	.79	.77	.75	.72
2.0	.85	.78	.72	.83	.76	.70	.78	.72	.67	.73	.68	.64	.69	.65	.61	.59
3.0	.74	.66	.59	.72	.64	.58	.68	.61	.55	.64	.58	.53	.60	.55	.51	.49
4.0	.66	.56	.49	.64	.55	.48	.60	.53	.47	.57	.50	.45	.53	.48	.44	.41
5.0	.58	.49	.42	.57	.48	.42	.54	.46	.40	.51	.44	.39	.48	.42	.38	.35
6.0	.53	.43	.37	.51	.42	.36	.48	.41	.35	.46	.39	.34	.43	.38	.33	.31
7.0	.48	.39	.32	.46	.38	.32	.44	.36	.31	.42	.35	.30	.40	.34	.29	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.38	.32	.27	.36	.30	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.22	.33	.26	.22	.31	.25	.21	.20



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2020-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=0.7063]  
 Remarks:

**WEC AND CCEC**

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm											
NAME: NET-55-02-04 T8 1500mm						TYPE:LED					
MFR.:						DIM.: 1500mm					

$\rho_{cc}$	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	.360	.205	.065	.350	.200	.063	.332	.190	.061	.315	.181	.058	.299	.173	.056		
2.0	.319	.175	.054	.311	.171	.053	.294	.163	.051	.279	.156	.049	.264	.149	.047		
3.0	.287	.153	.046	.279	.150	.045	.264	.143	.044	.251	.137	.042	.238	.132	.041		
4.0	.261	.136	.040	.254	.133	.039	.240	.127	.038	.228	.122	.037	.216	.117	.036		
5.0	.238	.121	.035	.232	.119	.035	.220	.114	.034	.209	.110	.033	.198	.106	.032		
6.0	.219	.110	.031	.214	.108	.031	.203	.104	.030	.192	.100	.029	.183	.096	.029		
7.0	.203	.100	.028	.198	.098	.028	.188	.095	.027	.178	.091	.027	.170	.088	.026		
8.0	.189	.092	.026	.184	.091	.026	.175	.087	.025	.166	.084	.024	.158	.081	.024		
9.0	.176	.085	.024	.172	.084	.023	.164	.081	.023	.156	.078	.022	.148	.075	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.075	.021	.146	.073	.021	.140	.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	.259	.259	.259	.221	.221	.221	.151	.151	.151	.087	.087	.087	.028	.028	.028	
1.0	.253	.225	.199	.216	.193	.172	.148	.133	.119	.085	.077	.069	.027	.025	.022	
2.0	.245	.201	.164	.210	.173	.142	.144	.120	.099	.083	.070	.058	.027	.023	.019	
3.0	.238	.184	.142	.204	.159	.123	.140	.110	.086	.081	.064	.051	.026	.021	.017	
4.0	.230	.171	.127	.197	.148	.110	.136	.103	.078	.078	.060	.046	.025	.020	.015	
5.0	.222	.161	.116	.191	.140	.101	.131	.098	.071	.076	.057	.042	.025	.019	.014	
6.0	.215	.153	.109	.185	.133	.095	.127	.093	.067	.074	.055	.040	.024	.018	.013	
7.0	.208	.146	.103	.179	.127	.090	.123	.089	.064	.072	.052	.038	.023	.017	.013	
8.0	.201	.141	.099	.173	.122	.087	.120	.086	.061	.070	.051	.037	.023	.017	.012	
9.0	.195	.136	.096	.168	.118	.084	.116	.083	.059	.068	.049	.035	.022	.016	.012	
10.0	.189	.132	.093	.163	.114	.082	.113	.080	.058	.066	.048	.035	.021	.016	.011	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2020-04-28**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

<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>22.1</b>	<b>23.6</b>	<b>22.5</b>	<b>24.0</b>	<b>24.3</b>	<b>21.2</b>	<b>22.6</b>	<b>21.5</b>	<b>23.0</b>	<b>23.4</b>
<b>3H</b>	<b>24.4</b>	<b>25.7</b>	<b>24.8</b>	<b>26.1</b>	<b>26.5</b>	<b>22.7</b>	<b>24.0</b>	<b>23.1</b>	<b>24.4</b>	<b>24.9</b>
<b>4H</b>	<b>25.6</b>	<b>26.9</b>	<b>26.0</b>	<b>27.3</b>	<b>27.7</b>	<b>23.3</b>	<b>24.6</b>	<b>23.7</b>	<b>25.0</b>	<b>25.4</b>
<b>6H</b>	<b>26.9</b>	<b>28.1</b>	<b>27.3</b>	<b>28.5</b>	<b>29.0</b>	<b>23.7</b>	<b>25.0</b>	<b>24.2</b>	<b>25.4</b>	<b>25.9</b>
<b>8H</b>	<b>27.6</b>	<b>28.8</b>	<b>28.1</b>	<b>29.2</b>	<b>29.7</b>	<b>23.9</b>	<b>25.0</b>	<b>24.3</b>	<b>25.5</b>	<b>26.0</b>
<b>12H</b>	<b>28.4</b>	<b>29.5</b>	<b>28.9</b>	<b>30.0</b>	<b>30.5</b>	<b>23.9</b>	<b>25.1</b>	<b>24.4</b>	<b>25.5</b>	<b>26.0</b>
<b>4H 2H</b>	<b>22.7</b>	<b>24.0</b>	<b>23.2</b>	<b>24.4</b>	<b>24.9</b>	<b>22.0</b>	<b>23.3</b>	<b>22.4</b>	<b>23.7</b>	<b>24.1</b>
<b>3H</b>	<b>25.2</b>	<b>26.3</b>	<b>25.7</b>	<b>26.8</b>	<b>27.3</b>	<b>23.7</b>	<b>24.9</b>	<b>24.2</b>	<b>25.3</b>	<b>25.8</b>
<b>4H</b>	<b>26.6</b>	<b>27.6</b>	<b>27.1</b>	<b>28.1</b>	<b>28.6</b>	<b>24.5</b>	<b>25.6</b>	<b>25.0</b>	<b>26.0</b>	<b>26.6</b>
<b>6H</b>	<b>28.1</b>	<b>29.0</b>	<b>28.6</b>	<b>29.5</b>	<b>30.1</b>	<b>25.1</b>	<b>26.1</b>	<b>25.7</b>	<b>26.6</b>	<b>27.1</b>
<b>8H</b>	<b>28.9</b>	<b>29.8</b>	<b>29.5</b>	<b>30.3</b>	<b>30.9</b>	<b>25.4</b>	<b>26.2</b>	<b>25.9</b>	<b>26.7</b>	<b>27.3</b>
<b>12H</b>	<b>29.9</b>	<b>30.7</b>	<b>30.4</b>	<b>31.2</b>	<b>31.8</b>	<b>25.5</b>	<b>26.3</b>	<b>26.0</b>	<b>26.8</b>	<b>27.4</b>
<b>8H 4H</b>	<b>26.9</b>	<b>27.8</b>	<b>27.5</b>	<b>28.3</b>	<b>28.9</b>	<b>25.2</b>	<b>26.1</b>	<b>25.7</b>	<b>26.6</b>	<b>27.2</b>
<b>6H</b>	<b>28.7</b>	<b>29.4</b>	<b>29.3</b>	<b>30.0</b>	<b>30.6</b>	<b>26.1</b>	<b>26.8</b>	<b>26.7</b>	<b>27.4</b>	<b>28.0</b>
<b>8H</b>	<b>29.7</b>	<b>30.4</b>	<b>30.3</b>	<b>31.0</b>	<b>31.6</b>	<b>26.5</b>	<b>27.2</b>	<b>27.1</b>	<b>27.7</b>	<b>28.4</b>
<b>12H</b>	<b>30.9</b>	<b>31.5</b>	<b>31.6</b>	<b>32.1</b>	<b>32.8</b>	<b>26.8</b>	<b>27.4</b>	<b>27.4</b>	<b>28.0</b>	<b>28.6</b>
<b>12H 4H</b>	<b>26.9</b>	<b>27.7</b>	<b>27.5</b>	<b>28.3</b>	<b>28.9</b>	<b>25.4</b>	<b>26.2</b>	<b>26.0</b>	<b>26.7</b>	<b>27.3</b>
<b>6H</b>	<b>28.8</b>	<b>29.5</b>	<b>29.4</b>	<b>30.1</b>	<b>30.7</b>	<b>26.5</b>	<b>27.1</b>	<b>27.1</b>	<b>27.7</b>	<b>28.3</b>
<b>8H</b>	<b>30.0</b>	<b>30.5</b>	<b>30.6</b>	<b>31.1</b>	<b>31.8</b>	<b>27.0</b>	<b>27.6</b>	<b>27.6</b>	<b>28.2</b>	<b>28.8</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.1 / - 0.1</b>					<b>+ 0.1 / - 0.2</b>				
<b>1.5H</b>	<b>+ 0.2 / - 0.3</b>					<b>+ 0.2 / - 0.3</b>				
<b>2.0H</b>	<b>+ 0.2 / - 0.3</b>					<b>+ 0.1 / - 0.4</b>				

CIE Pub.117, 2095 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.6$ )

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2020-04-28**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**UTILIZATION FACTORS TABLE**

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

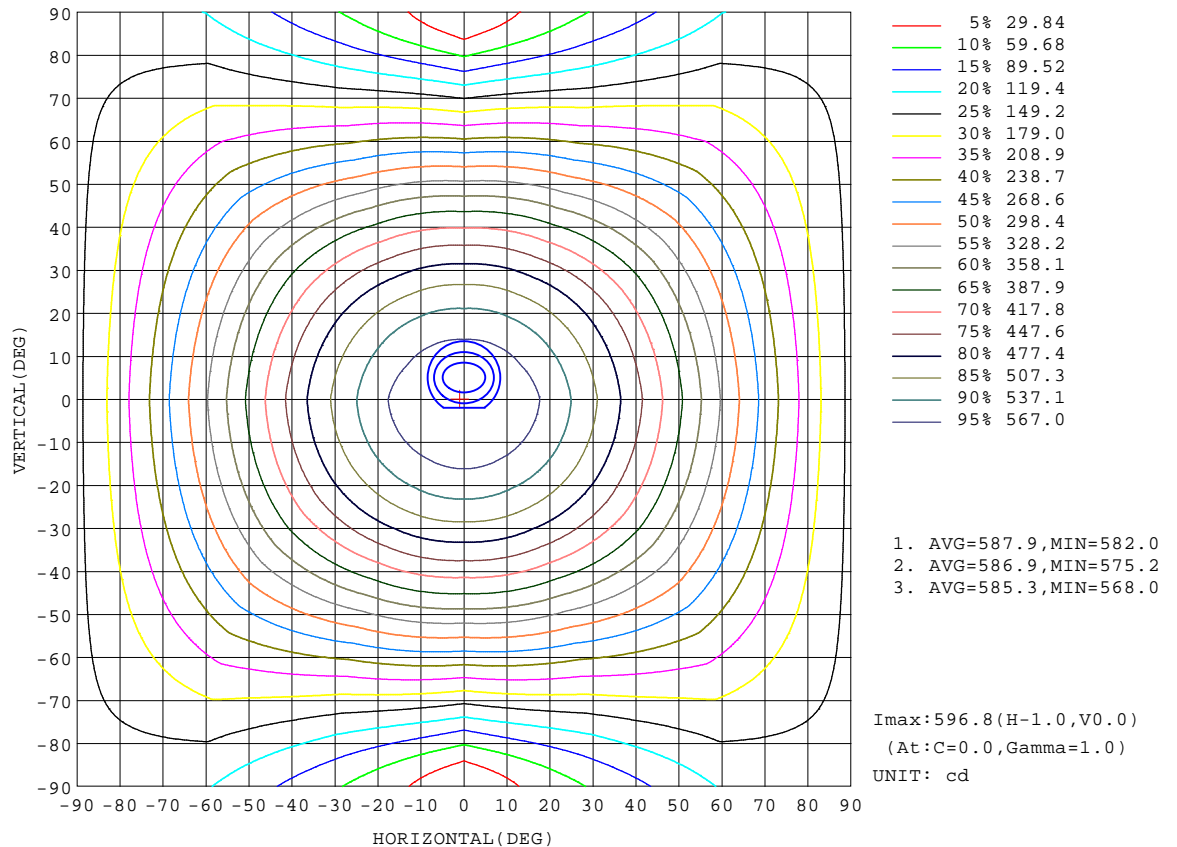
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	40	33	50	39	33	26
0.80	62	49	42	61	49	41	58	48	41	33
1.00	70	58	50	68	57	49	65	58	48	40
1.25	77	65	57	75	64	56	71	62	55	47
1.50	82	70	62	80	69	62	76	67	60	51
2.00	89	79	71	86	77	70	82	74	68	58
2.50	93	84	76	90	82	75	85	78	73	62
3.00	97	88	81	94	86	80	88	82	77	66
4.00	101	94	88	98	91	86	92	87	82	71
5.00	104	98	92	100	95	90	94	90	86	74
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:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2020-04-28**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

## ISOCANDELA DIAGRAM

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2020-04-28

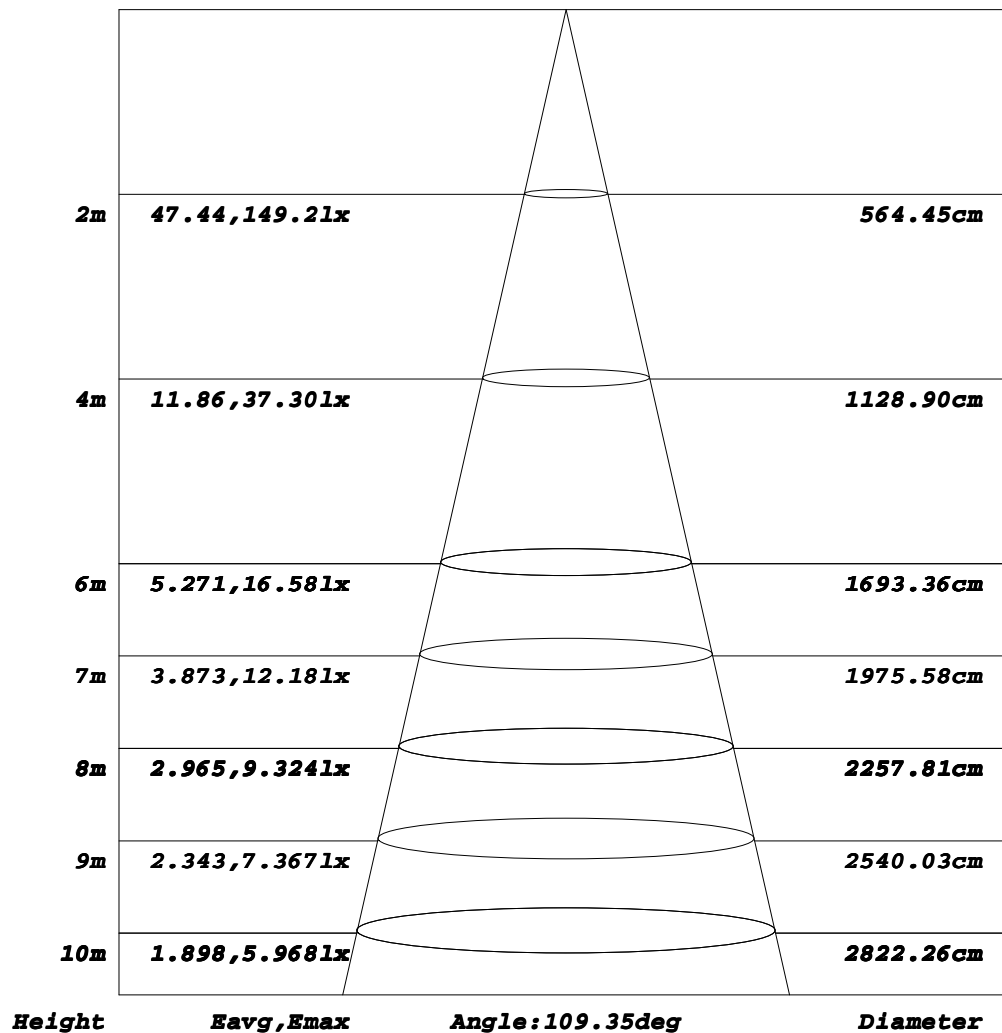
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks:



**AAI Figure**

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

**Flux out:1216 lm**



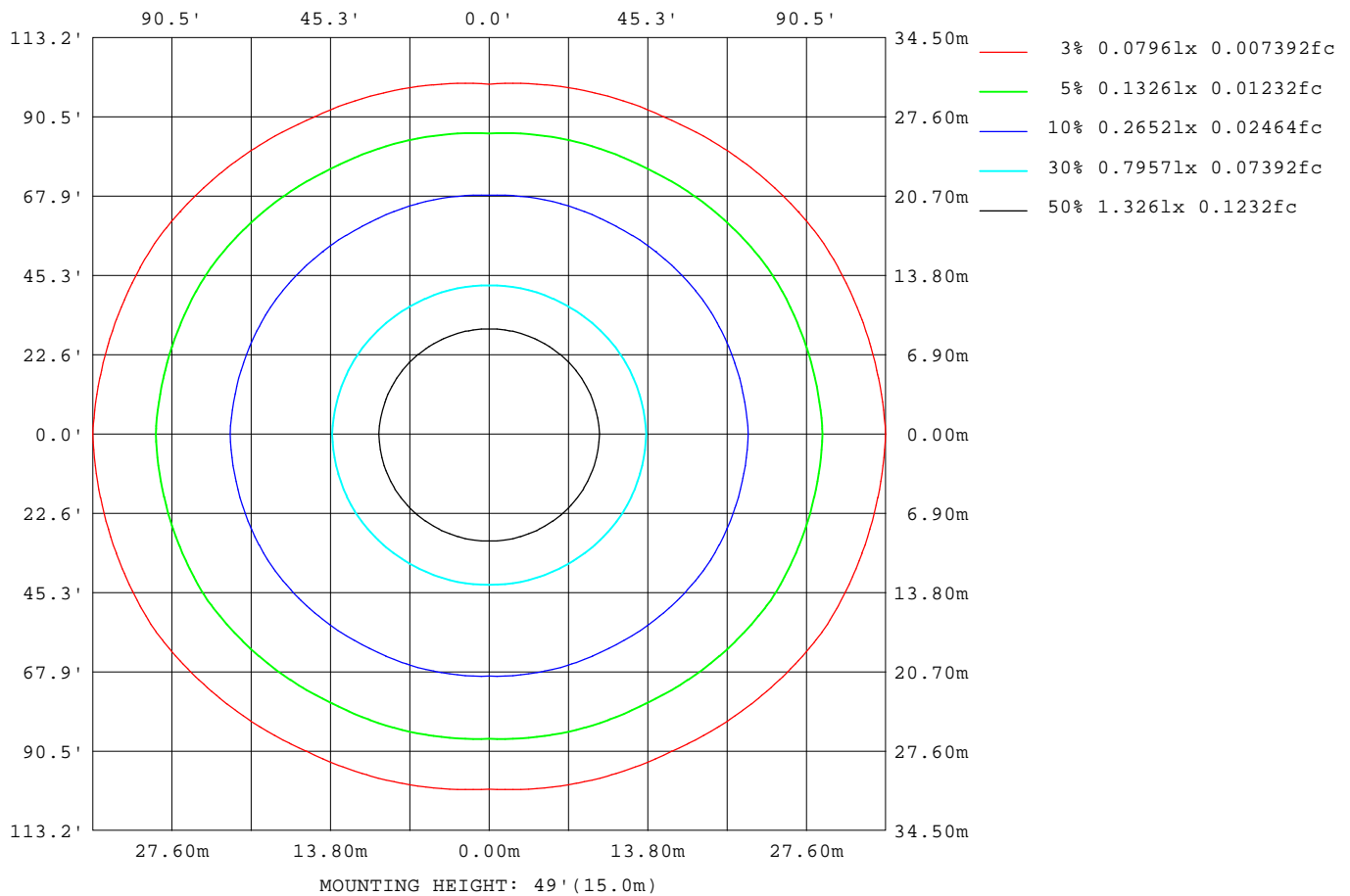
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2020-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

# ISOLUX DIAGRAM

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2020-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

### LED Avg.L Report

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

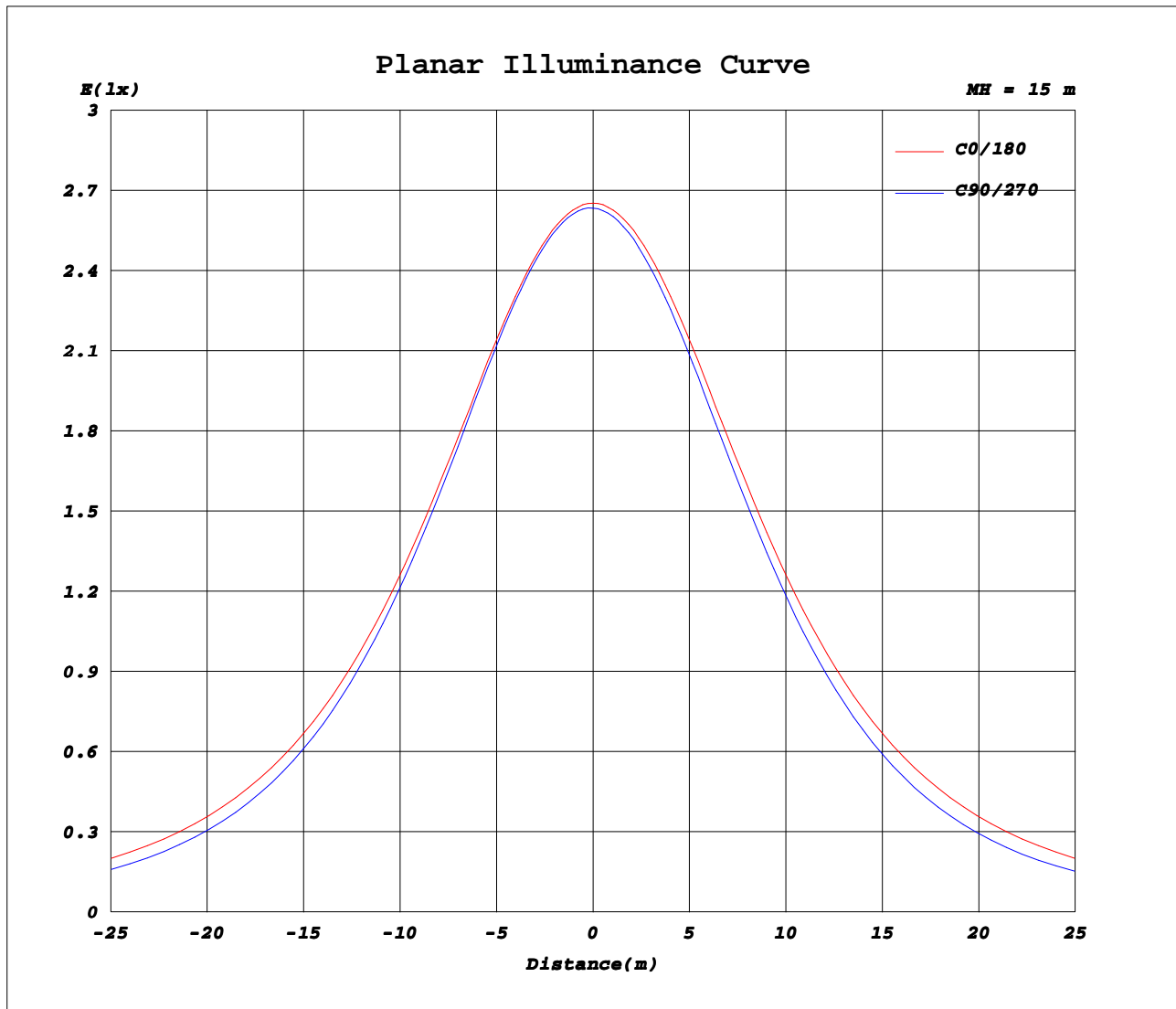
AvgL	cd/m2
L_0~180(65)av	17724
L_0~180(75)av	22503
L_0~180(85)av	49549
L_90~270(65)av	12182
L_90~270(75)av	10361
L_90~270(85)av	6744
L_45(65)av	15111
L_45(75)av	17619
L_45(85)av	34815

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2020-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**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: 2020-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:221.10V I:0.0710A P:15.300W PF:0.9700 Freq:50.00Hz Lamp Flux:2094.8x1 lm		
NAME: NET-55-02-04 T8 1500mm	TYPE:LED	
MFR.:	DIM.: 1500mm	

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	597	594	593	593	593	594	597	594	593	593	593	594							
5	595	592	591	591	591	592	595	590	589	589	589	590							
10	587	585	584	584	584	585	587	581	580	578	580	581							
15	575	573	571	571	571	573	575	568	565	563	565	568							
20	559	556	553	552	553	556	559	550	546	543	546	550							
25	537	534	529	527	529	534	537	528	519	517	519	528							
30	512	508	501	498	501	508	512	502	491	487	491	502							
35	486	479	469	466	469	479	486	473	459	453	459	473							
40	457	449	434	429	434	449	457	442	423	416	423	442							
45	426	416	396	390	396	416	426	408	386	376	386	408							
50	394	381	356	347	356	381	394	374	346	334	346	374							
55	360	346	314	302	314	346	360	339	304	289	304	339							
60	326	310	272	254	272	310	326	303	263	243	263	303							
65	292	275	230	206	230	275	292	268	222	196	222	268							
70	259	240	189	157	189	240	259	234	183	148	183	234							
75	227	208	151	108	151	208	227	201	146	101	146	201							
80	196	177	116	62.6	116	177	196	171	113	56.8	113	171							
85	168	148	87.0	24.0	87.0	148	168	144	84.7	21.9	84.7	144							
90	142	122	63.1	5.12	63.1	122	142	119	61.5	5.56	61.5	119							
95	119	99.5	44.6	4.97	44.6	99.5	119	96.5	43.6	5.89	43.6	96.5							
100	97.8	79.9	31.4	5.47	31.4	79.9	97.8	77.1	30.7	6.29	30.7	77.1							
105	79.3	63.2	21.7	5.99	21.7	63.2	79.3	61.0	21.2	6.71	21.2	61.0							
110	63.3	49.0	15.4	6.52	15.4	49.0	63.3	47.6	13.9	7.15	13.9	47.6							
115	49.8	37.4	11.8	7.08	11.8	37.4	49.8	36.1	11.7	7.62	11.7	36.1							
120	38.6	26.9	10.0	7.65	10.0	26.9	38.6	25.7	10.1	8.12	10.1	25.7							
125	29.6	20.2	9.34	8.25	9.34	20.2	29.6	19.4	9.53	8.65	9.53	19.4							
130	22.7	15.9	9.41	8.89	9.41	15.9	22.7	15.1	9.64	9.23	9.64	15.1							
135	17.7	13.3	9.83	9.55	9.83	13.3	17.7	13.0	10.1	9.84	10.1	13.0							
140	14.5	12.0	10.4	10.2	10.4	12.0	14.5	11.9	10.6	10.5	10.6	11.9							
145	12.8	11.7	11.0	10.9	11.0	11.7	12.8	11.7	11.2	11.2	11.2	11.7							
150	12.3	11.9	11.7	11.6	11.7	11.9	12.3	12.0	11.8	11.8	11.8	12.0							
155	12.6	12.4	12.3	12.3	12.3	12.4	12.6	12.4	12.4	12.4	12.4	12.4							
160	13.1	12.9	12.9	12.9	12.9	12.9	13.1	12.9	13.0	13.0	13.0	12.9							
165	13.5	13.3	13.4	13.4	13.4	13.3	13.5	13.3	13.4	13.5	13.4	13.3							
170	13.9	13.7	13.9	13.9	13.9	13.7	13.9	13.7	13.9	13.9	13.9	13.7							
175	14.0	13.9	14.1	14.2	14.1	13.9	14.0	13.9	14.1	14.2	14.1	13.9							
180	14.0	14.0	14.2	14.3	14.2	14.0	14.0	13.9	14.2	14.3	14.2	13.9							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2020-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**