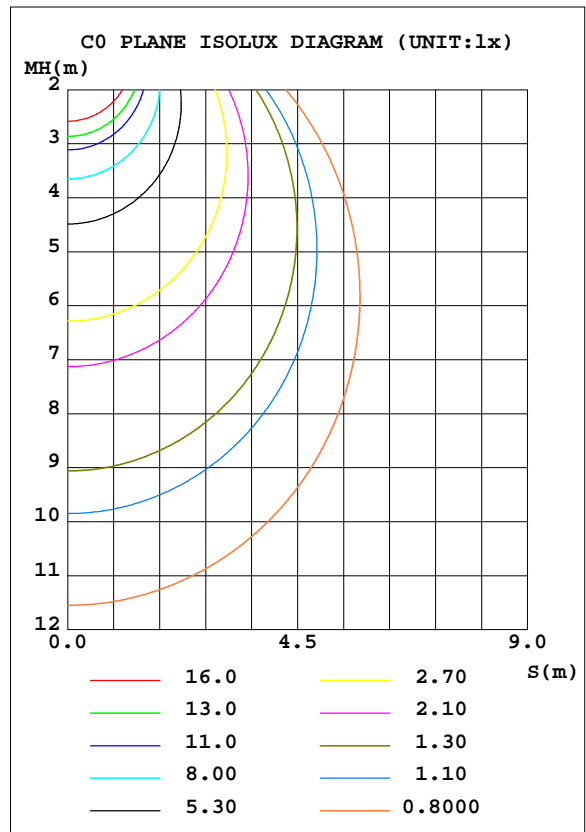
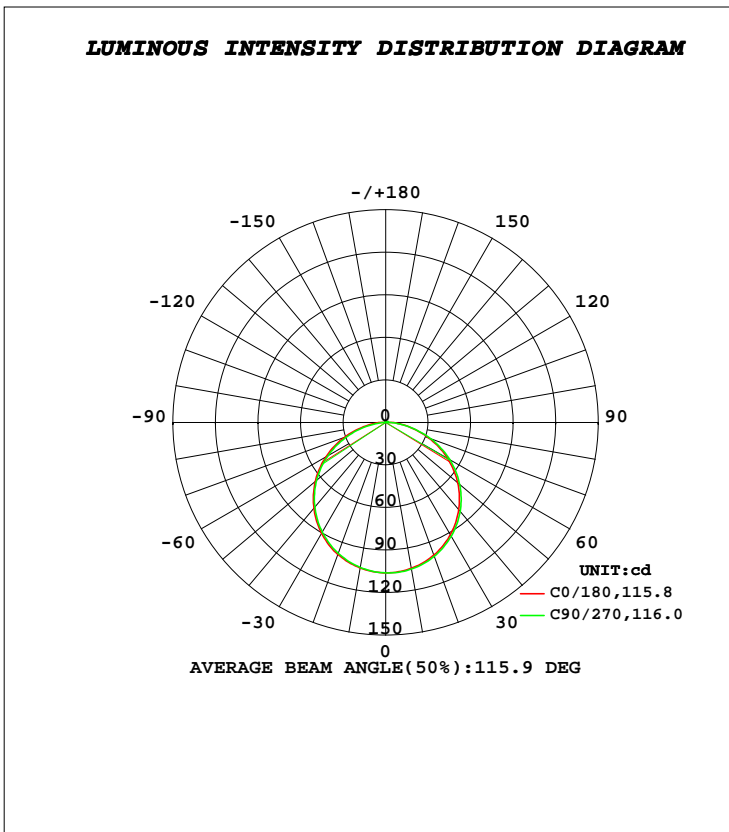


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LED LIGHT	Imax(cd)	106.2	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	324.21	η UP, DN(C0-180)	1.2,50.7
NOMINAL FLUX(lm)	324.215	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7,47.4
LAMPS INSIDE	1	η up(%)	1.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.1	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

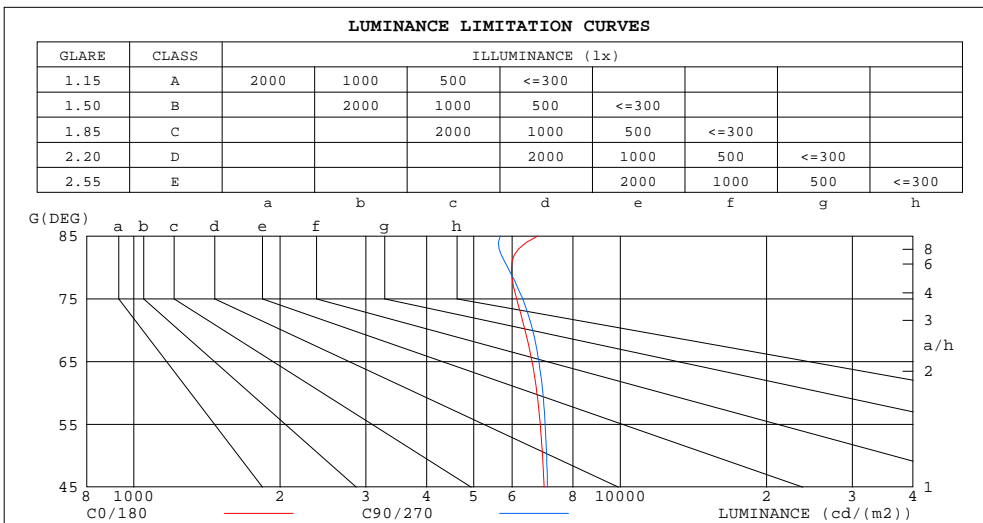
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp	
10	104.4	104.8	105.0	105.1	104.2	104.0	103.8	103.6	0- 10	10.05	10.05	3.1,3.1	
20	99.53	100.0	100.5	100.8	99.01	98.59	98.20	97.85	10- 20	28.87	38.91	12,12	
30	91.36	92.17	92.61	93.04	90.48	90.05	89.45	89.04	20- 30	44.05	82.96	25.6,25.6	
40	80.20	81.24	81.82	82.33	78.96	78.62	77.85	77.36	30- 40	53.65	136.6	42.1,42.1	
50	66.40	67.68	68.22	68.82	64.92	64.68	63.69	63.11	40- 50	56.44	193.1	59.5,59.5	
60	50.32	51.71	52.11	52.96	48.84	48.48	47.12	46.65	50- 60	51.91	245.0	75.6,75.6	
70	32.54	33.94	33.96	36.04	31.18	30.39	28.78	28.55	60- 70	40.53	285.5	88.1,88.1	
80	15.48	16.06	15.32	17.81	14.42	12.97	10.58	11.34	70- 80	24.15	309.6	95.5,95.5	
90	4.015	4.032	2.737	4.880	3.546	2.434	0.9023	1.687	80- 90	8.481	318.1	98.1,98.1	
100	0.6045	1.391	2.040	1.663	0.7361	0.8788	0.8643	0.5052	90-100	1.729	319.9	98.7,98.7	
110	0.5777	1.279	1.947	1.553	0.7244	0.7652	0.7914	0.4511	100-110	1.099	321.0	99,99	
120	0.5945	1.165	0.6571	1.393	0.7184	0.6945	0.4473	0.5451	110-120	0.9401	321.9	99.3,99.3	
130	0.6183	1.042	0.5759	1.222	0.7224	0.6627	0.5031	0.5511	120-130	0.6738	322.6	99.5,99.5	
140	0.6530	0.9182	0.6238	1.076	0.7383	0.6626	0.5610	0.5711	130-140	0.5655	323.1	99.7,99.7	
150	0.6906	0.8128	0.6708	0.9281	0.7650	0.7063	0.6279	0.6191	140-150	0.4560	323.6	99.8,99.8	
160	0.7273	0.7492	0.7176	0.8141	0.7947	0.7422	0.6957	0.6820	150-160	0.3389	323.9	99.9,99.9	
170	0.7620	0.7641	0.7575	0.7962	0.7947	0.7731	0.7516	0.7322	160-170	0.2135	324.1	100,100	
180	0.7680	0.7641	0.7646	0.7622	0.7700	0.7641	0.7656	0.7512	170-180	0.0732	324.2	100,100	
DEG	LUMINOUS INTENSITY:cd									UNIT:lm			

**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6782	5667
80	5974	5869
75	6129	6302
70	6376	6606
65	6589	6808
60	6743	6933
55	6847	7012
50	6923	7060
45	6975	7089

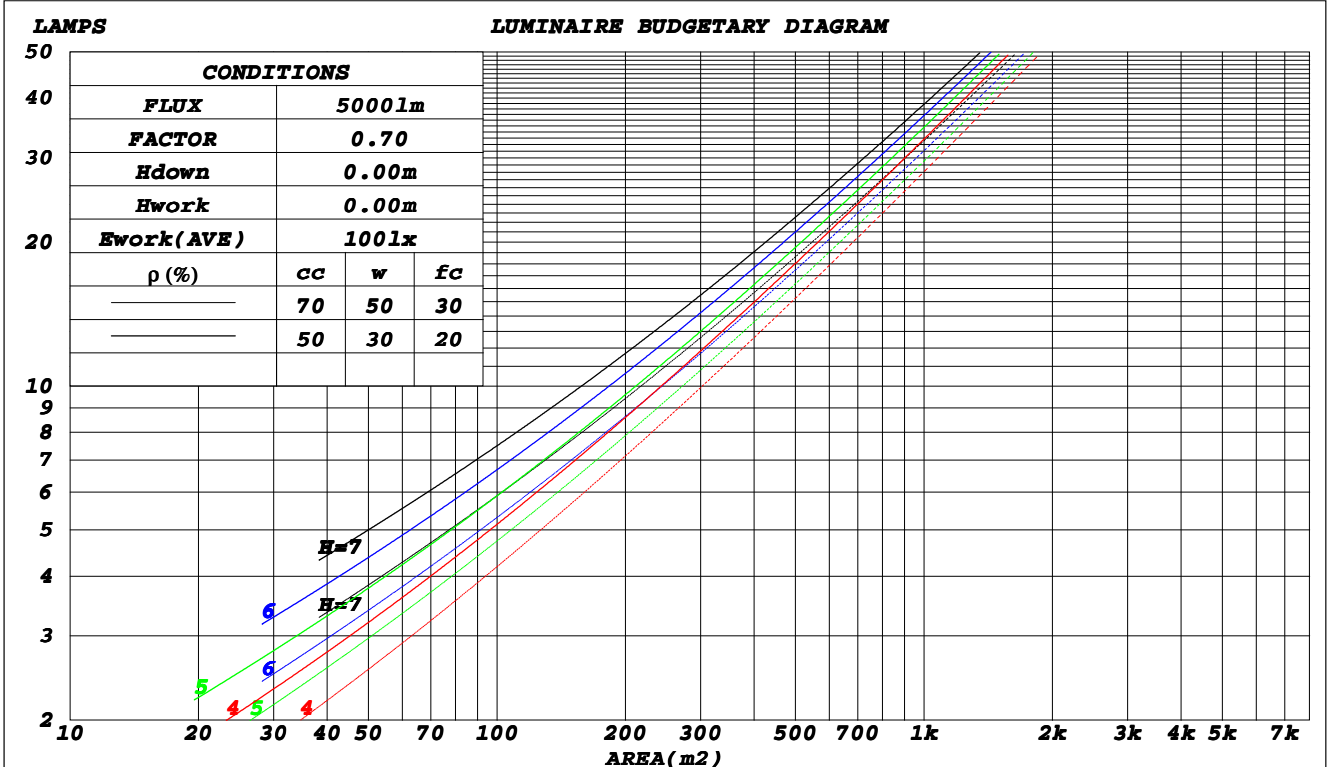
**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: ANDY**  
**Test Date: 2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 4.550m [K=1.0000]**  
**Remarks:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.88	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.52	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ANDY  
 Test Date: 2021-04-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 4.550m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	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	.321	.183	.058	.314	.179	.057	.299	.172	.055	.286	.165	.053	.274	.159	.051	
2.0	.299	.164	.050	.292	.161	.050	.279	.155	.048	.268	.150	.047	.257	.145	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.042	.247	.135	.042	.237	.131	.041	
4.0	.253	.131	.039	.248	.130	.038	.237	.126	.038	.228	.122	.037	.219	.119	.036	
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.176	.092	.027	
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.171	.087	.025	.165	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.156	.077	.022	.151	.075	.021	.147	.074	.021	

$\rho_{cc}$	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	.205	.205	.205	.175	.175	.175	.119	.119	.119	.069	.069	.069	.022	.022	.022	
1.0	.196	.170	.148	.167	.146	.127	.114	.101	.088	.066	.058	.051	.021	.019	.017	
2.0	.188	.146	.112	.161	.126	.097	.110	.087	.067	.064	.051	.039	.020	.016	.013	
3.0	.180	.129	.088	.154	.111	.076	.106	.077	.054	.061	.045	.032	.020	.015	.010	
4.0	.172	.116	.072	.148	.100	.063	.102	.070	.044	.059	.041	.026	.019	.013	.009	
5.0	.165	.105	.061	.142	.091	.053	.098	.064	.038	.057	.037	.022	.018	.012	.007	
6.0	.158	.097	.054	.136	.084	.047	.094	.059	.033	.054	.035	.020	.018	.011	.006	
7.0	.151	.090	.048	.130	.078	.042	.090	.055	.029	.052	.032	.018	.017	.011	.006	
8.0	.144	.084	.043	.124	.073	.038	.086	.051	.027	.050	.030	.016	.016	.010	.005	
9.0	.138	.080	.040	.119	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.132	.075	.037	.114	.065	.032	.079	.046	.023	.046	.027	.014	.015	.009	.005	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ANDY  
 Test Date:2021-04-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:4.550m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	23.5	25.0	23.8	25.3	25.5	23.6	25.1	23.9	25.4	25.6
3H	25.1	26.5	25.5	26.8	27.1	25.3	26.7	25.6	26.9	27.2
4H	25.8	27.2	26.2	27.4	27.7	26.0	27.3	26.3	27.6	27.9
6H	26.4	27.6	26.7	27.9	28.2	26.5	27.7	26.8	28.0	28.4
8H	26.6	27.8	26.9	28.1	28.4	26.7	27.9	27.0	28.2	28.5
12H	26.7	27.9	27.1	28.2	28.6	26.8	27.9	27.2	28.3	28.6
4H 2H	24.2	25.5	24.5	25.8	26.1	24.3	25.6	24.6	25.9	26.2
3H	26.0	27.2	26.4	27.5	27.8	26.1	27.3	26.5	27.6	28.0
4H	26.8	27.9	27.2	28.2	28.6	26.9	28.0	27.3	28.3	28.7
6H	27.5	28.4	27.9	28.8	29.2	27.6	28.5	28.0	28.9	29.3
8H	27.8	28.6	28.2	29.0	29.5	27.8	28.7	28.3	29.1	29.5
12H	28.0	28.8	28.5	29.2	29.7	28.0	28.8	28.5	29.2	29.7
8H 4H	27.1	28.0	27.6	28.4	28.8	27.2	28.1	27.7	28.5	28.9
6H	28.0	28.7	28.5	29.2	29.6	28.1	28.8	28.5	29.2	29.7
8H	28.4	29.0	28.9	29.5	30.0	28.4	29.1	28.9	29.5	30.0
12H	28.7	29.3	29.2	29.8	30.3	28.7	29.3	29.2	29.7	30.3
12H 4H	27.2	28.0	27.6	28.4	28.8	27.3	28.1	27.7	28.5	28.9
6H	28.1	28.7	28.6	29.2	29.7	28.1	28.8	28.6	29.3	29.8
8H	28.5	29.1	29.0	29.6	30.1	28.5	29.1	29.1	29.6	30.1
<b>Variations with the observer position at spacings:</b>										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 324.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.9)

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ANDY  
 Test Date:2021-04-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:4.550m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:

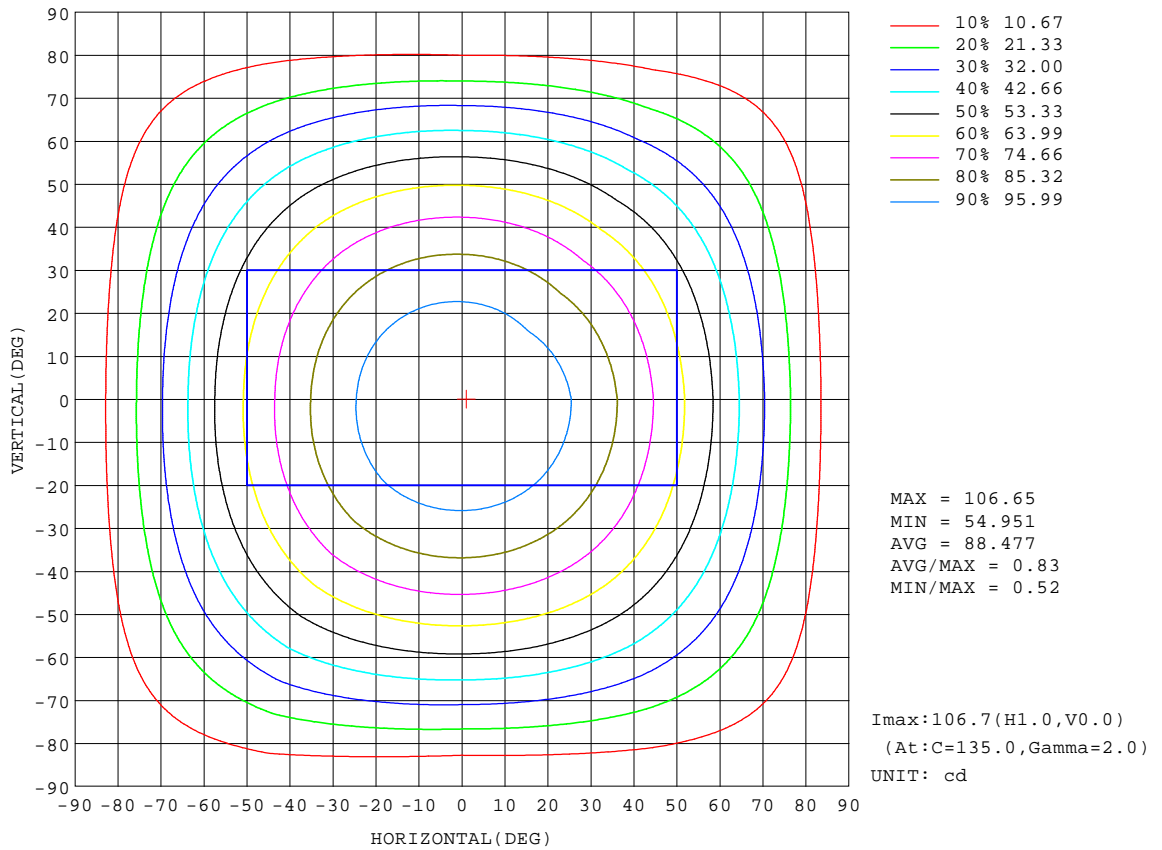
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	56	44	37	55	44	37	54	43	37	30
<b>0.80</b>	66	54	47	65	54	46	63	53	46	39
<b>1.00</b>	74	63	55	73	62	55	71	64	55	47
<b>1.25</b>	81	71	63	80	70	63	77	68	62	54
<b>1.50</b>	87	76	69	85	75	68	81	73	67	59
<b>2.00</b>	94	85	78	92	83	77	88	81	75	67
<b>2.50</b>	98	89	83	95	88	82	91	85	80	71
<b>3.00</b>	101	94	88	99	92	87	94	89	84	75
<b>4.00</b>	105	99	94	103	97	93	98	94	90	80
<b>5.00</b>	108	102	98	105	100	96	100	96	93	83
<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: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:



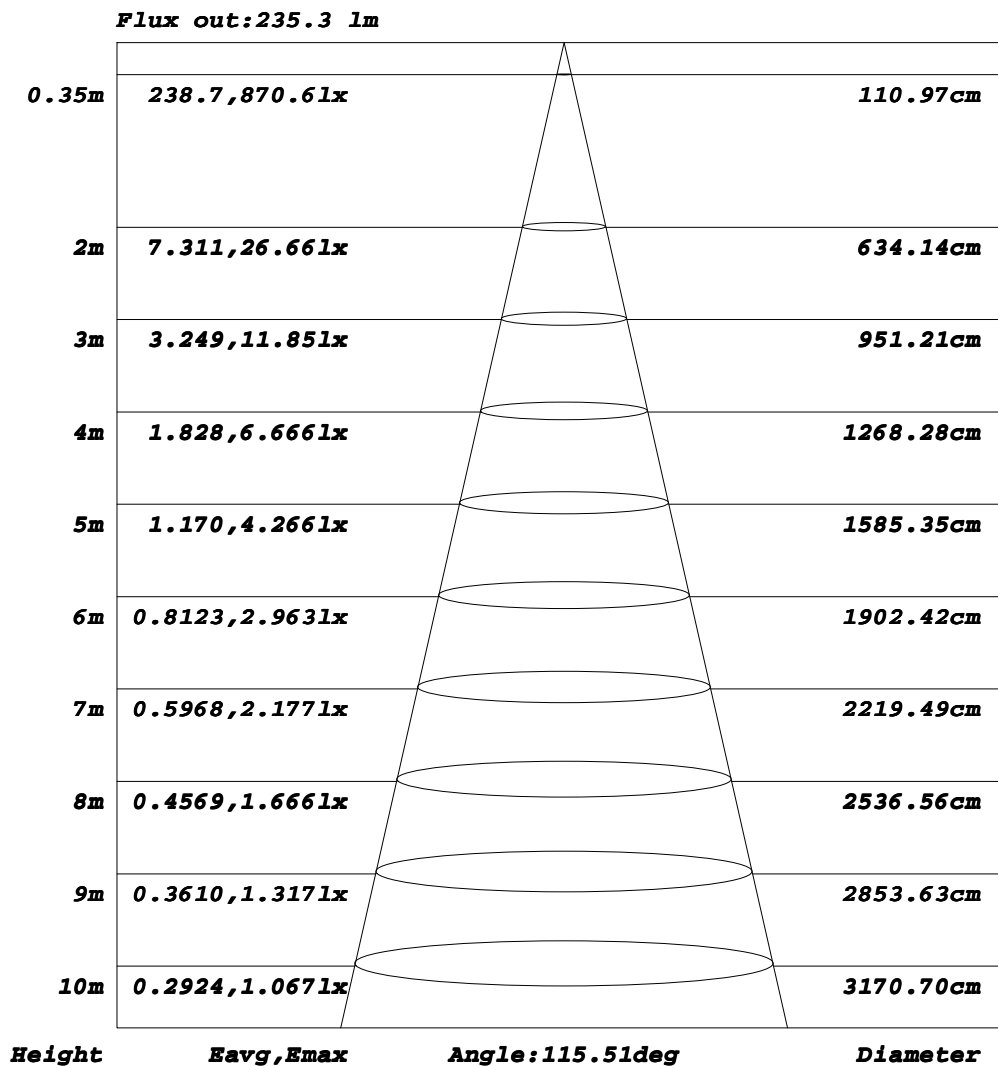
**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**



**AAI Figure**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:



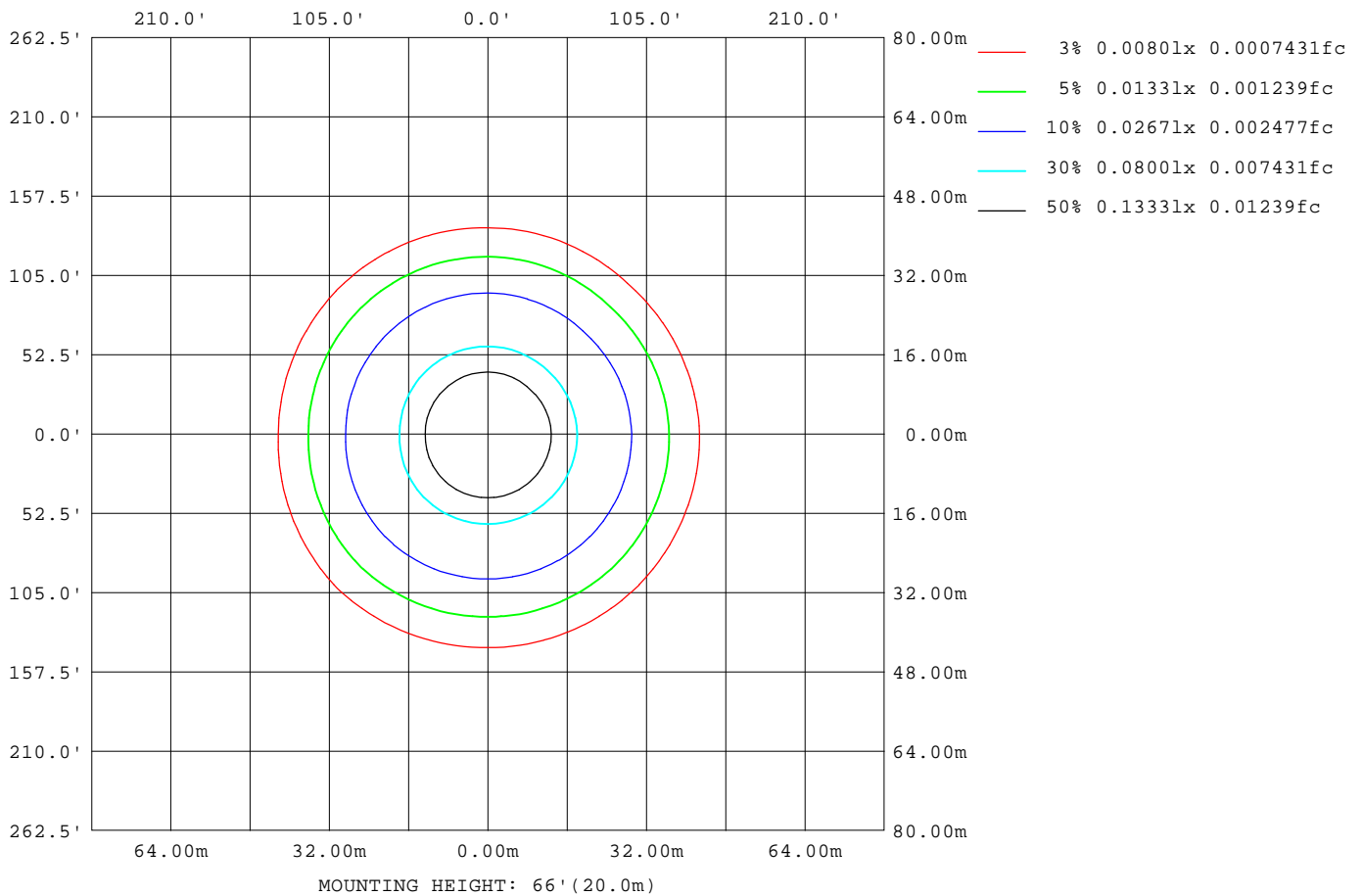
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: ANDY**  
**Test Date: 2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 4.550m [K=1.0000]**  
**Remarks:**

**ISOLUX DIAGRAM**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**

**LED Avg.L Report**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:

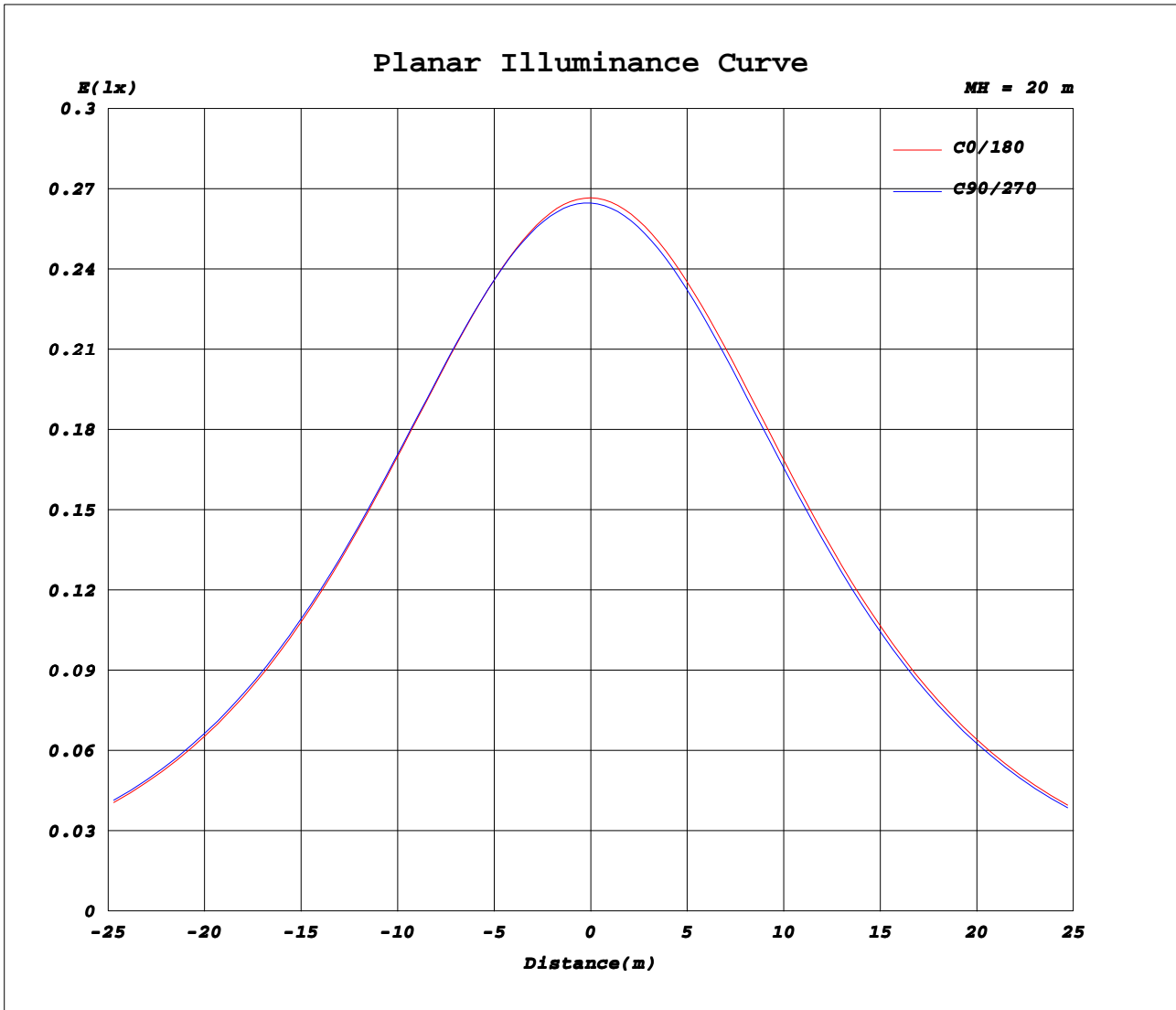
AvgL	cd/m2
L_0~180(65)av	6446
L_0~180(75)av	5934
L_0~180(85)av	6473
L_90~270(65)av	6418
L_90~270(75)av	5656
L_90~270(85)av	4259
L_45(65)av	6508
L_45(75)av	5949
L_45(85)av	5866

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: ANDY**  
**Test Date: 2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 4.550m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:24.010V I:0.6193A P:14.869W PF:1.0000 Freq:49.99Hz Lamp Flux:324.215x1 lm		
NAME: TPR-FL-ENCORE-RGB-S	TYPE:LED LIGHT	WEIGHT:0.5
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.0*0.015	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	106	106	106	106	106	106	106	106											
5	106	106	106	106	106	106	105	105											
10	104	105	105	105	104	104	104	104											
15	102	103	103	103	102	102	101	101											
20	99.5	100	100	101	99.0	98.6	98.2	97.8											
25	95.8	96.5	96.9	97.3	95.1	94.7	94.2	93.8											
30	91.4	92.2	92.6	93.0	90.5	90.0	89.4	89.0											
35	86.1	87.1	87.6	88.0	85.1	84.7	84.0	83.5											
40	80.2	81.2	81.8	82.3	79.0	78.6	77.8	77.4											
45	73.6	74.8	75.3	75.9	72.2	71.9	71.1	70.5											
50	66.4	67.7	68.2	68.8	64.9	64.7	63.7	63.1											
55	58.6	60.0	60.5	61.2	57.1	56.9	55.7	55.1											
60	50.3	51.7	52.1	53.0	48.8	48.5	47.1	46.6											
65	41.6	43.0	43.2	44.7	40.2	39.6	38.1	37.7											
70	32.5	33.9	34.0	36.0	31.2	30.4	28.8	28.6											
75	23.7	24.8	24.5	26.8	22.4	21.3	19.4	19.5											
80	15.5	16.1	15.3	17.8	14.4	13.0	10.6	11.3											
85	8.82	8.82	7.42	10.1	8.10	6.47	3.71	5.26											
90	4.01	4.03	2.74	4.88	3.55	2.43	0.90	1.69											
95	1.16	1.66	2.13	2.10	1.08	0.99	0.87	0.62											
100	0.60	1.39	2.04	1.66	0.74	0.88	0.86	0.51											
105	0.58	1.33	2.00	1.62	0.73	0.79	0.83	0.41											
110	0.58	1.28	1.95	1.55	0.72	0.77	0.79	0.45											
115	0.58	1.22	1.87	1.48	0.72	0.72	0.73	0.53											
120	0.59	1.16	0.66	1.39	0.72	0.69	0.45	0.55											
125	0.61	1.11	0.55	1.31	0.72	0.68	0.47	0.55											
130	0.62	1.04	0.58	1.22	0.72	0.66	0.50	0.55											
135	0.64	0.98	0.60	1.14	0.73	0.66	0.53	0.55											
140	0.65	0.92	0.62	1.08	0.74	0.66	0.56	0.57											
145	0.67	0.86	0.65	1.00	0.75	0.68	0.59	0.59											
150	0.69	0.81	0.67	0.93	0.77	0.71	0.63	0.62											
155	0.71	0.77	0.70	0.86	0.78	0.73	0.66	0.65											
160	0.73	0.75	0.72	0.81	0.79	0.74	0.70	0.68											
165	0.75	0.76	0.74	0.80	0.79	0.76	0.72	0.71											
170	0.76	0.76	0.76	0.80	0.79	0.77	0.75	0.73											
175	0.77	0.76	0.76	0.77	0.77	0.77	0.77	0.75											
180	0.77	0.76	0.76	0.76	0.77	0.76	0.77	0.75											

**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:ANDY**  
**Test Date:2021-04-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.400**  
**Humidity:65.0%**  
**Test Distance:4.550m [K=1.0000]**  
**Remarks:**