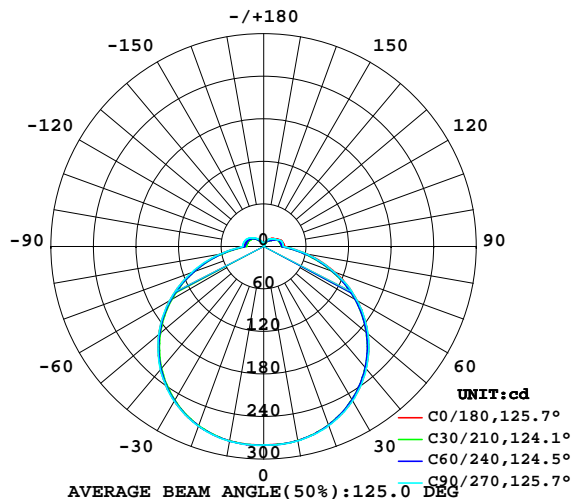


**LUMINAIRE PHOTOMETRIC TEST REPORT**

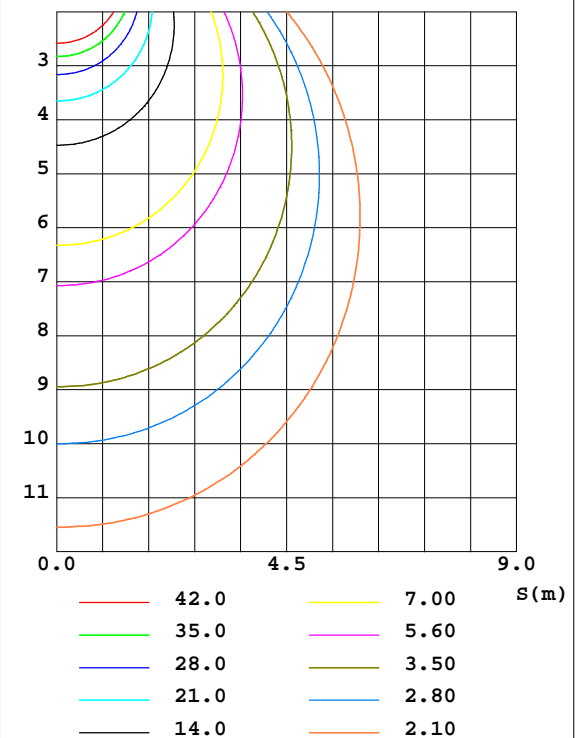
Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.79 lm/W			
MODEL		Imax(cd)	280.6	S/MH(C0/180)	1.33
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1064.6	$\eta$ UP,DN(C0-180)	5.4,44.3
NOMINAL FLUX(lm)	1064.59	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	5.8,44.6
LAMPS INSIDE	1	$\eta$ up(%)	11.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	229.6	$\eta$ down(%)	88.8	CIBSE SHR MAX	1.50

**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: Mr.Ma**  
**Test Date: 2022-09-14**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**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	278.0	277.9	278.1	278.4	278.5	278.5	278.7	278.5	0- 10	26.68	26.68	2.51,2.51
20	268.5	267.9	268.6	268.6	269.3	269.0	269.8	268.8	10- 20	77.58	104.3	9.79,9.79
30	250.8	249.5	250.8	250.2	252.0	251.0	252.3	250.5	20- 30	120.3	224.5	21.1,21.1
40	225.0	222.8	225.2	223.7	226.3	224.7	226.9	224.1	30- 40	149.3	373.8	35.1,35.1
50	191.7	189.1	192.0	189.8	193.1	191.0	193.6	190.2	40- 50	160.9	534.7	50.2,50.2
60	152.0	148.7	151.9	149.3	153.0	150.5	153.3	149.7	50- 60	153.3	688.0	64.6,64.6
70	107.1	102.9	105.9	103.4	106.7	104.6	108.5	104.0	60- 70	126.9	814.9	76.5,76.5
80	61.66	57.27	61.10	57.58	61.50	58.44	62.55	58.65	70- 80	86.43	901.4	84.7,84.7
90	29.63	25.34	28.20	24.42	28.36	25.64	29.86	26.49	80- 90	44.08	945.4	88.8,88.8
100	28.34	24.58	27.42	23.67	27.57	24.87	29.06	25.67	90-100	28.67	974.1	91.5,91.5
110	26.25	23.19	25.18	22.08	26.00	23.43	27.32	24.01	100-110	26.58	1001	94,94
120	21.06	19.22	20.06	19.49	23.11	21.09	23.81	21.34	110-120	22.51	1023	96.1,96.1
130	17.69	13.65	17.35	16.74	18.57	17.15	19.10	18.25	120-130	17.04	1040	97.7,97.7
140	14.40	11.26	14.15	13.62	13.70	12.26	14.69	14.78	130-140	11.84	1052	98.8,98.8
150	10.64	8.426	10.43	10.07	9.756	8.086	10.68	10.83	140-150	7.296	1059	99.5,99.5
160	6.550	5.440	6.422	6.438	6.102	5.044	6.612	6.830	150-160	3.702	1063	99.9,99.9
170	3.018	2.895	2.905	3.165	2.832	2.581	3.019	3.280	160-170	1.310	1064	100,100
180	1.829	1.798	1.780	1.847	1.829	1.799	1.782	1.848	170-180	0.2187	1065	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

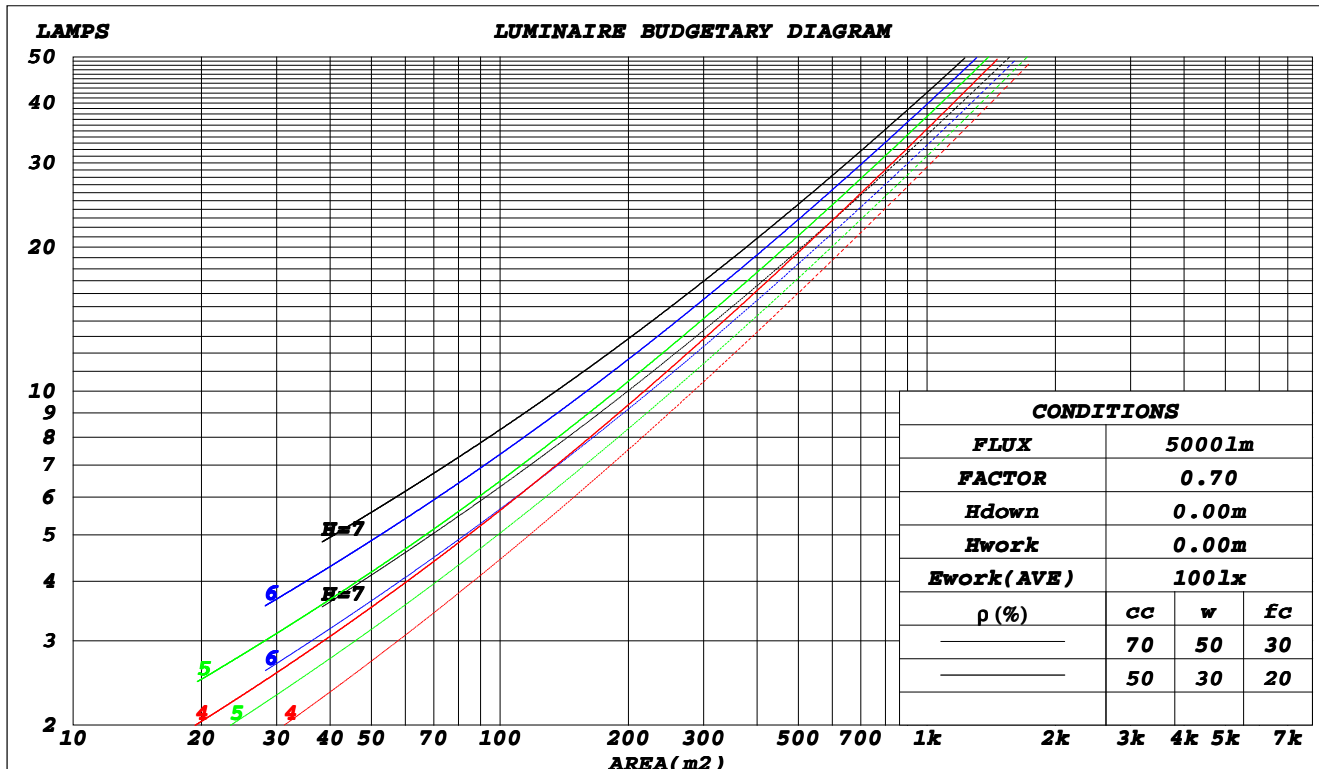
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION 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	Coefficients of Utilization(CU)															
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.05	1.05	1.05	.98	.98	.98	.92	.92	.92	.89
1.0	.99	.95	.90	.96	.92	.88	.90	.86	.83	.84	.81	.78	.79	.76	.74	.71
2.0	.86	.78	.72	.83	.76	.71	.77	.72	.67	.73	.68	.64	.68	.64	.61	.58
3.0	.75	.66	.59	.72	.64	.58	.68	.61	.56	.63	.58	.53	.59	.55	.51	.48
4.0	.66	.57	.50	.64	.55	.49	.60	.53	.47	.56	.50	.45	.53	.48	.43	.41
5.0	.59	.49	.42	.57	.48	.42	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35
6.0	.52	.43	.37	.51	.42	.36	.48	.40	.35	.45	.39	.34	.43	.37	.33	.30
7.0	.47	.38	.32	.46	.38	.32	.43	.36	.31	.41	.35	.30	.39	.33	.29	.27
8.0	.43	.34	.29	.42	.34	.28	.40	.32	.27	.38	.31	.26	.36	.30	.26	.24
9.0	.39	.31	.25	.38	.31	.25	.36	.29	.24	.35	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.21	.30	.25	.21	.19



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Mr.Ma  
Test Date: 2022-09-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION 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	.343	.195	.062	.332	.190	.060	.313	.179	.057	.295	.170	.055	.278	.161	.052		
2.0	.311	.170	.052	.301	.166	.051	.283	.158	.049	.267	.150	.047	.252	.142	.045		
3.0	.282	.150	.045	.274	.147	.044	.258	.140	.042	.243	.133	.041	.229	.127	.039		
4.0	.257	.134	.039	.250	.131	.039	.235	.125	.037	.222	.119	.036	.209	.114	.035		
5.0	.236	.120	.035	.229	.118	.034	.216	.113	.033	.204	.108	.032	.193	.103	.031		
6.0	.218	.109	.031	.211	.107	.031	.200	.102	.030	.189	.098	.029	.178	.094	.028		
7.0	.202	.100	.028	.196	.098	.028	.185	.094	.027	.175	.090	.026	.166	.086	.025		
8.0	.188	.092	.026	.183	.090	.025	.173	.086	.025	.164	.083	.024	.155	.079	.023		
9.0	.175	.085	.024	.171	.083	.023	.162	.080	.023	.153	.077	.022	.145	.074	.021		
10.0	.165	.079	.022	.160	.077	.022	.152	.074	.021	.144	.072	.020	.137	.069	.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	.276	.276	.276	.236	.236	.236	.161	.161	.161	.092	.092	.092	.030	.030	.030	
1.0	.269	.242	.218	.230	.208	.187	.157	.143	.130	.090	.083	.075	.029	.027	.024	
2.0	.261	.218	.182	.224	.188	.158	.153	.130	.110	.088	.076	.064	.028	.024	.021	
3.0	.254	.201	.160	.218	.174	.138	.149	.121	.097	.086	.070	.057	.028	.023	.019	
4.0	.246	.189	.145	.211	.163	.126	.145	.114	.088	.084	.067	.052	.027	.022	.017	
5.0	.239	.179	.134	.205	.154	.117	.141	.108	.082	.082	.063	.049	.026	.021	.016	
6.0	.232	.170	.127	.199	.148	.110	.137	.103	.078	.080	.061	.046	.026	.020	.015	
7.0	.225	.164	.121	.193	.142	.105	.134	.100	.075	.078	.059	.044	.025	.019	.015	
8.0	.218	.158	.117	.188	.137	.102	.130	.096	.072	.076	.057	.043	.024	.019	.014	
9.0	.212	.153	.114	.183	.133	.099	.127	.093	.070	.074	.055	.042	.024	.018	.014	
10.0	.206	.149	.111	.178	.129	.097	.123	.091	.069	.072	.054	.041	.023	.018	.014	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**Uncorrected UGR Table**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm											
NAME: Slice Square 210 10W WW					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: PURATI PTY LTD					SUR.:			PROTECTION 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	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.1	17.5	16.5	17.9	18.3	16.1	17.5	16.5	17.9	18.3	
	3H	17.9	19.2	18.4	19.7	20.1	17.9	19.2	18.4	19.7	20.1
	4H	18.8	20.0	19.3	20.5	21.0	18.8	20.0	19.2	20.5	21.0
	6H	19.6	20.7	20.1	21.2	21.7	19.6	20.7	20.0	21.2	21.7
	8H	19.9	21.1	20.4	21.5	22.1	19.9	21.0	20.4	21.5	22.0
	12H	20.3	21.4	20.8	21.9	22.4	20.3	21.4	20.8	21.9	22.4
4H	2H	16.7	18.0	17.2	18.4	18.9	16.7	18.0	17.2	18.4	18.9
	3H	18.7	19.8	19.3	20.3	20.9	18.8	19.8	19.3	20.3	20.9
	4H	19.7	20.7	20.3	21.2	21.8	19.7	20.7	20.3	21.3	21.8
	6H	20.7	21.6	21.2	22.1	22.7	20.7	21.6	21.2	22.1	22.7
	8H	21.1	21.9	21.7	22.5	23.1	21.1	21.9	21.7	22.5	23.1
	12H	21.6	22.3	22.2	22.9	23.6	21.6	22.3	22.2	22.9	23.6
8H	4H	20.1	20.9	20.7	21.5	22.1	20.1	20.9	20.7	21.5	22.1
	6H	21.2	21.9	21.8	22.5	23.2	21.2	21.9	21.8	22.5	23.2
	8H	21.8	22.4	22.4	23.0	23.7	21.8	22.4	22.4	23.0	23.7
	12H	22.4	23.0	23.1	23.6	24.3	22.4	23.0	23.1	23.6	24.3
12H	4H	20.1	20.9	20.7	21.4	22.1	20.1	20.9	20.7	21.5	22.1
	6H	21.3	21.9	22.0	22.6	23.2	21.3	21.9	22.0	22.6	23.2
	8H	22.0	22.5	22.6	23.1	23.9	22.0	22.5	22.6	23.1	23.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 1065 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Mr.Ma  
Test Date:2022-09-14

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.263  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

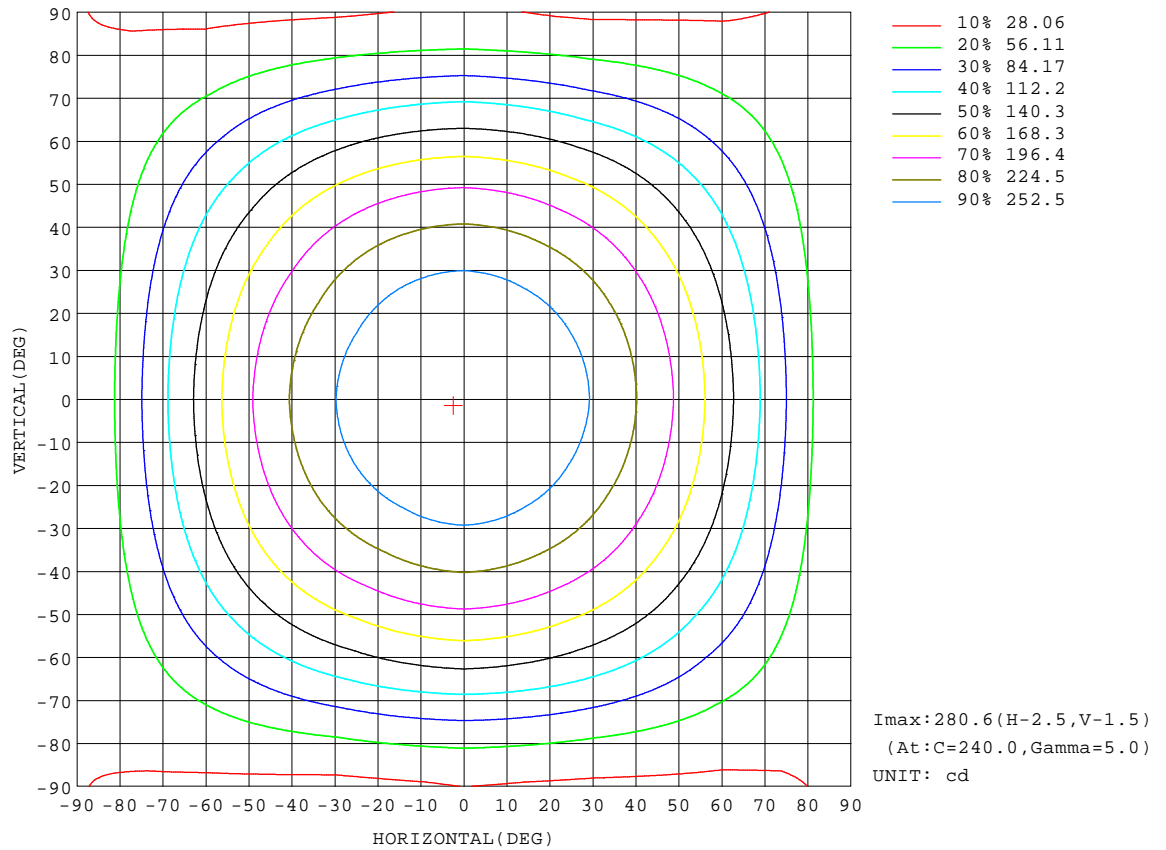
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	32	51	39	32	49	38	32	25
0.80	61	49	41	60	48	41	57	47	40	33
1.00	69	57	49	68	56	49	65	57	48	40
1.25	77	65	57	74	64	56	71	62	55	46
1.50	82	71	63	79	69	62	75	66	60	51
2.00	89	79	72	86	77	70	81	74	68	58
2.50	93	84	77	90	82	76	85	78	73	62
3.00	97	89	82	94	86	80	88	82	77	66
4.00	101	94	89	98	92	87	92	87	83	70
5.00	104	98	93	100	95	91	94	90	86	73
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Mr.Ma  
Test Date: 2022-09-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:



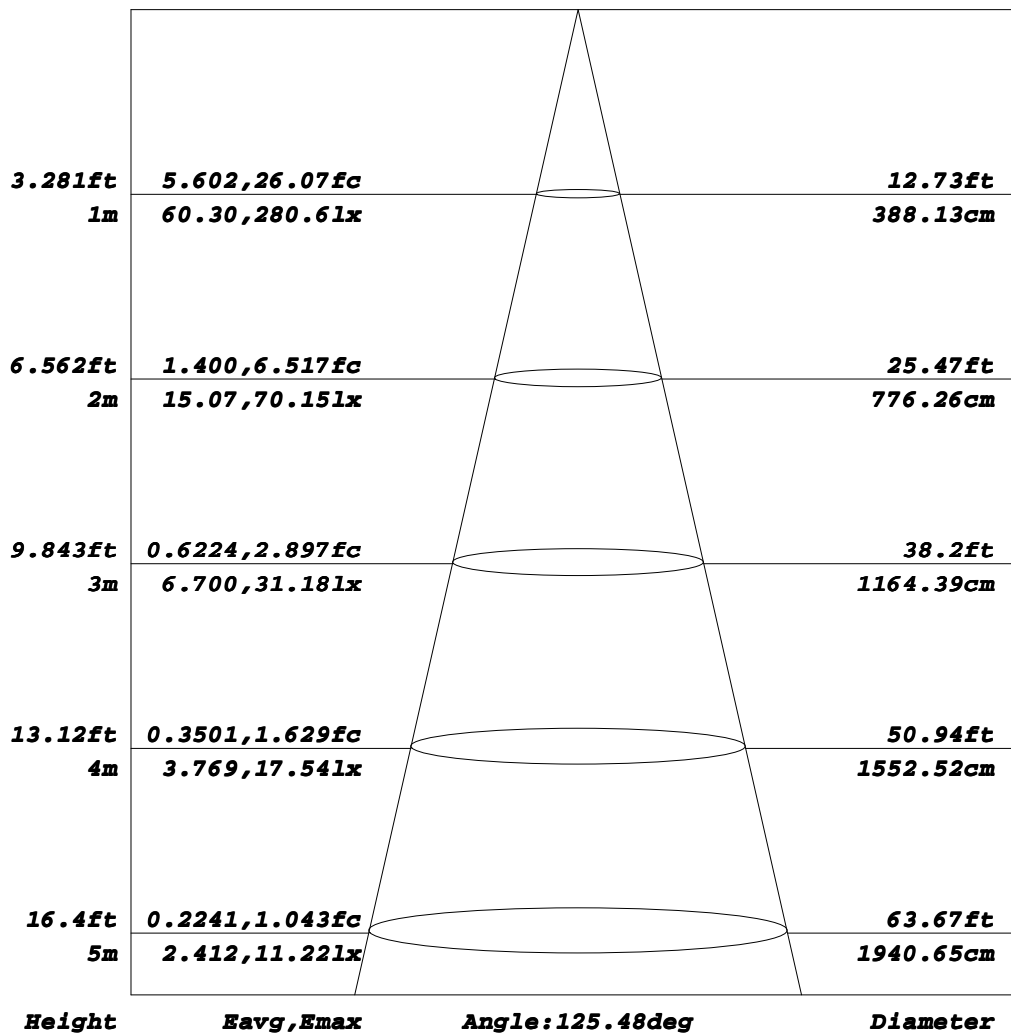
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**AAI Figure**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

**Flux out:729.6 lm**



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

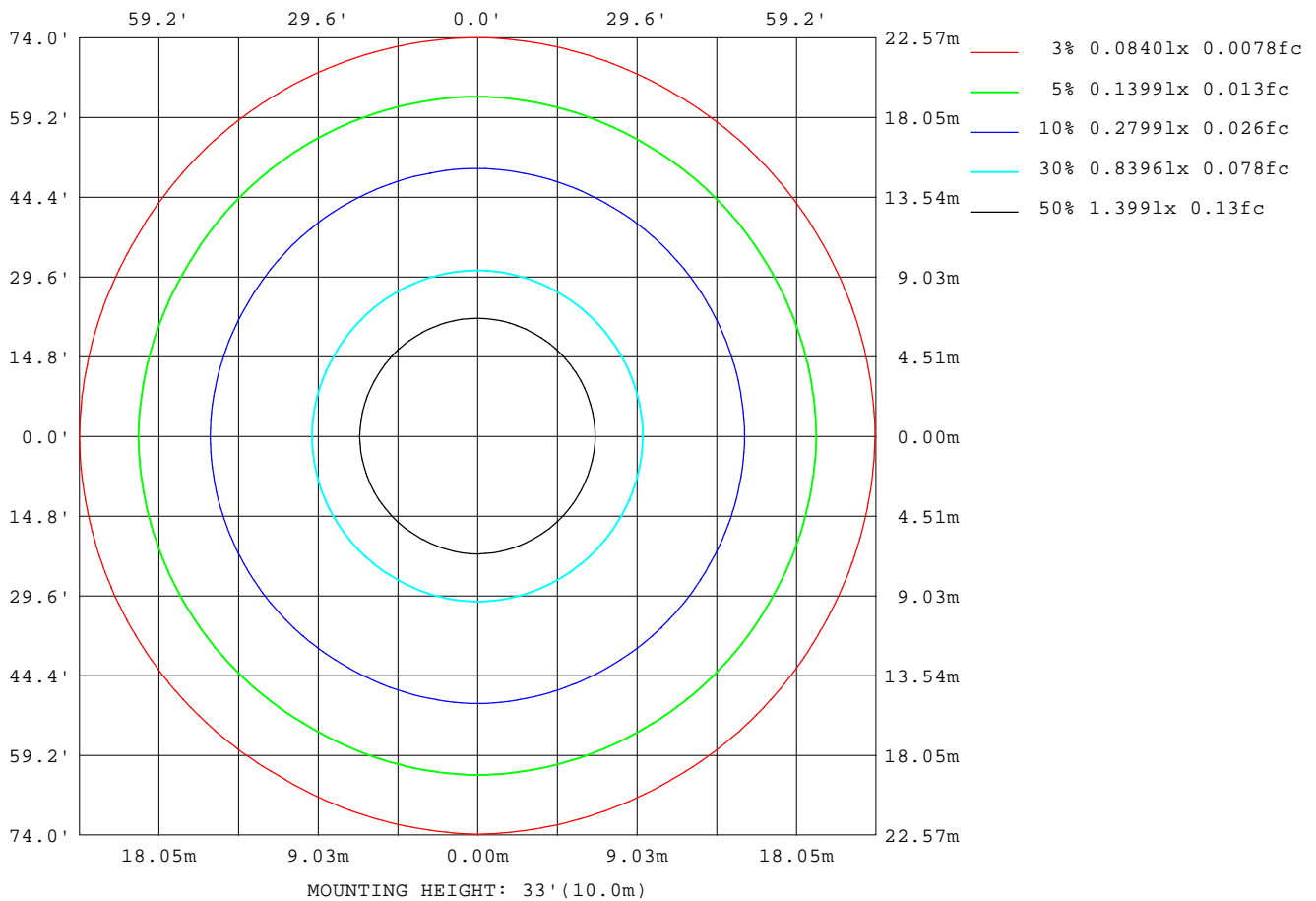
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**



**ISOLUX DIAGRAM**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**

**Average Luminance Table(CIBSE)**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	1064.59	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	3011	2990	2975	2965	2961	2962	2969	2989	3009	3024	3012	2994	2977	2973	2975	2982	3001	3020	3033
60	3040	3013	2994	2981	2976	2978	2986	3011	3035	3052	3038	3016	2995	2990	2992	3000	3023	3045	3061
65	3076	3046	3024	3009	3000	3000	3008	3040	3072	3096	3077	3048	3021	3015	3018	3029	3054	3079	3096
70	3130	3083	3048	3024	3013	3013	3026	3065	3105	3134	3109	3072	3036	3029	3033	3045	3073	3100	3119
75	3251	3185	3136	3104	3090	3091	3109	3160	3211	3247	3213	3164	3116	3106	3111	3128	3169	3209	3236
80	3551	3461	3392	3345	3316	3311	3331	3414	3500	3560	3503	3420	3338	3316	3318	3343	3417	3491	3542
85	4789	4617	4488	4401	4356	4353	4395	4545	4695	4799	4687	4531	4375	4330	4332	4379	4529	4679	4784

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	4799	200	---	500
Category 2	65 to 90	4799	200	---	500
Category 3	75 to 90	4799	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**Average Luminance Table(CIBSE)**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm		
NAME: Slice Square 210 10W WW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	1064.59	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	3011	2990	2975	2965	2961	2962	2969	2989	3009	3024	3012	2994	2977	2973	2975	2982	3001	3020	3033
60	3040	3013	2994	2981	2976	2978	2986	3011	3035	3052	3038	3016	2995	2990	2992	3000	3023	3045	3061
65	3076	3046	3024	3009	3000	3000	3008	3040	3072	3096	3077	3048	3021	3015	3018	3029	3054	3079	3096
70	3130	3083	3048	3024	3013	3013	3026	3065	3105	3134	3109	3072	3036	3029	3033	3045	3073	3100	3119
75	3251	3185	3136	3104	3090	3091	3109	3160	3211	3247	3213	3164	3116	3106	3111	3128	3169	3209	3236
80	3551	3461	3392	3345	3316	3311	3331	3414	3500	3560	3503	3420	3338	3336	3318	3343	3417	3491	3542
85	4789	4617	4488	4401	4356	4353	4395	4545	4695	4799	4687	4531	4375	4330	4332	4379	4529	4679	4784

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	4799	1000	1500	200	500
65 to 90	4799	1000	1500	200	500

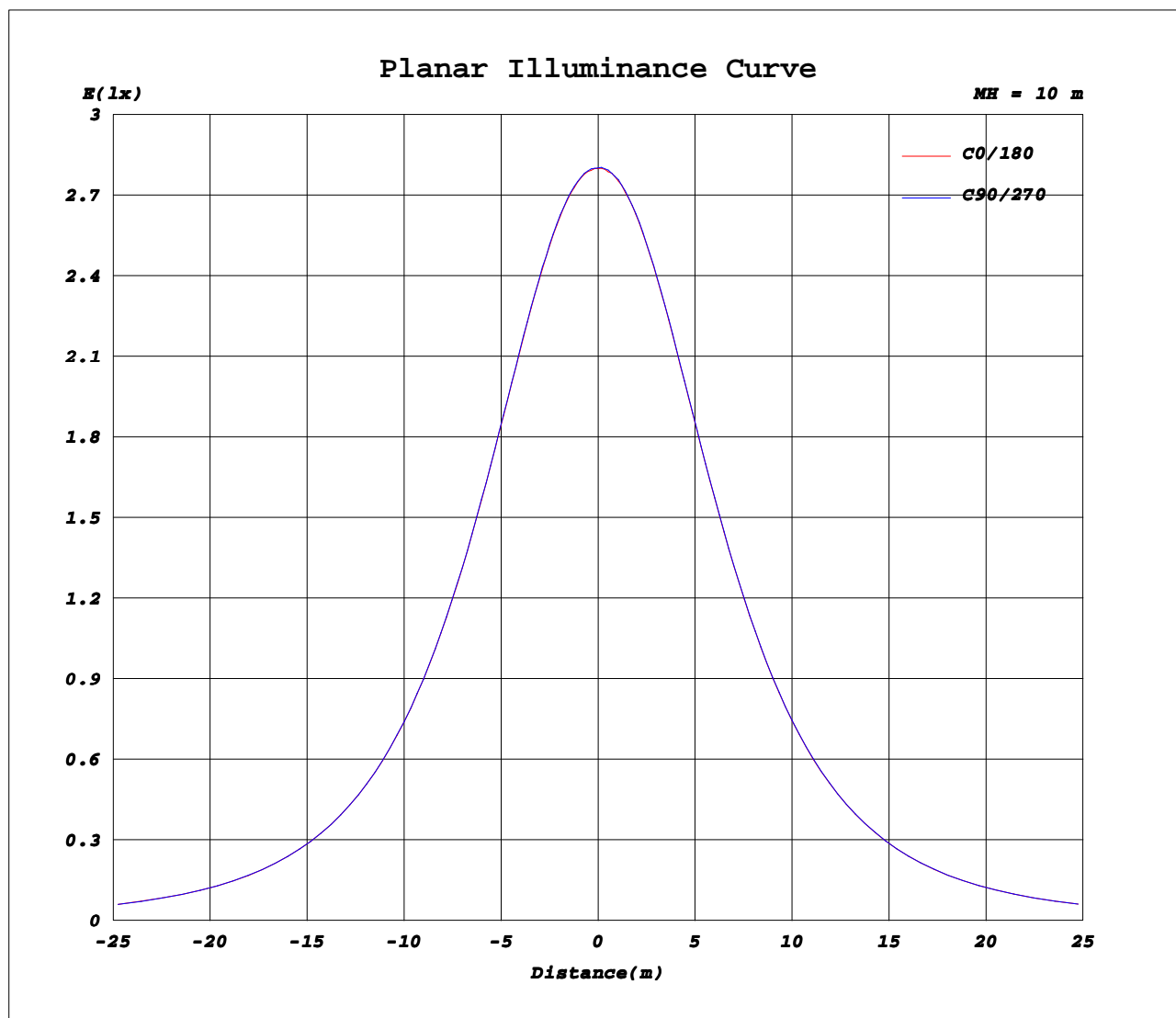
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**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:** 25.3DEG  
**Operators:** Mr.Ma  
**Test Date:** 2022-09-14

**γ Range:** 0 - 180DEG  
**γ Interval:** 1.0DEG  
**Test System:** EVERFINE GO-2000B\_V1 SYSTEM V2.0.263  
**Humidity:** 65.0%  
**Test Distance:** 6.100m [K=1.0000]  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:229.5V I:0.0432A P:9.523W PF:0.9610 Lamp Flux:1064.59x1 lm																	
NAME: Slice Square 210 10W WW									TYPE:			WEIGHT:					
DIM.:									SPEC.:			SERIAL No.:					
MFR.: PURATI PTY LTD									SUR.:			PROTECTION ANGLE:					

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	280	280	281	280	280	281	280	280	281	280	280	281						
5	280	280	280	280	280	280	280	280	281	280	280	280						
10	278	278	278	278	278	279	278	278	279	279	279	278						
15	274	274	274	274	274	275	275	274	275	275	275	275						
20	268	268	268	269	268	269	269	268	269	270	269	269						
25	261	260	260	261	260	261	262	261	262	262	261	261						
30	251	249	250	251	249	251	252	250	252	252	251	250						
35	239	237	237	239	237	239	240	238	239	241	239	238						
40	225	223	223	225	223	225	226	224	226	227	224	224						
45	209	207	207	209	207	209	211	208	209	211	208	208						
50	192	189	189	192	189	191	193	190	192	194	190	190						
55	173	170	170	173	169	171	174	171	172	174	171	171						
60	152	149	149	152	148	151	153	149	152	153	150	149						
65	130	127	127	130	126	128	131	128	129	132	128	128						
70	107	102	104	106	103	104	107	104	105	108	103	105						
75	84.1	79.3	80.6	82.9	79.5	81.0	83.8	80.9	81.8	85.2	80.4	81.4						
80	61.7	57.2	57.4	61.1	56.4	58.7	61.5	57.4	59.5	62.6	58.3	59.0						
85	41.7	37.6	38.1	41.3	36.7	38.8	41.7	37.6	39.6	42.4	38.6	39.1						
90	29.6	25.0	25.7	28.2	23.7	25.1	28.4	24.7	26.5	29.9	25.8	27.1						
95	29.1	24.7	25.4	27.8	23.4	24.7	28.0	24.4	26.2	29.5	25.6	26.8						
100	28.3	24.1	25.0	27.4	23.1	24.3	27.6	24.0	25.7	29.1	25.2	26.2						
105	27.5	23.5	24.4	26.8	22.5	23.6	26.9	23.4	25.1	28.3	24.5	25.5						
110	26.3	22.8	23.6	25.2	21.6	22.5	26.0	22.6	24.3	27.3	23.5	24.5						
115	23.7	21.7	22.3	22.6	20.5	21.1	24.8	21.6	23.2	25.8	22.3	23.2						
120	21.1	19.0	19.4	20.1	19.3	19.7	23.1	20.4	21.8	23.8	21.0	21.7						
125	19.1	16.1	16.5	18.7	18.0	18.2	21.1	18.7	19.9	21.6	19.5	20.1						
130	17.7	13.4	13.9	17.4	16.7	16.8	18.6	16.6	17.7	19.1	18.0	18.5						
135	16.1	12.2	12.8	15.8	15.2	15.3	16.0	14.4	15.3	16.8	16.4	16.7						
140	14.4	11.0	11.5	14.1	13.6	13.7	13.7	11.8	12.7	14.7	14.6	14.9						
145	12.6	9.64	10.1	12.3	11.8	11.9	11.6	9.59	10.4	12.7	12.8	13.0						
150	10.6	8.23	8.62	10.4	10.0	10.1	9.76	7.71	8.46	10.7	10.8	10.9						
155	8.63	6.78	7.10	8.47	8.19	8.31	7.92	6.26	6.75	8.63	8.82	8.78						
160	6.55	5.34	5.54	6.42	6.40	6.48	6.10	4.90	5.19	6.61	6.87	6.79						
165	4.56	4.03	4.11	4.46	4.69	4.70	4.37	3.65	3.77	4.71	4.99	4.90						
170	3.02	2.90	2.89	2.91	3.17	3.16	2.83	2.57	2.59	3.02	3.34	3.23						
175	1.96	2.00	1.97	1.84	2.03	2.03	1.76	1.81	1.76	1.83	2.08	2.01						
180	1.83	1.84	1.76	1.78	1.86	1.83	1.83	1.84	1.76	1.78	1.86	1.83						

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.263**  
**Humidity: 65.0%**  
**Test Distance: 6.100m [K=1.0000]**  
**Remarks:**