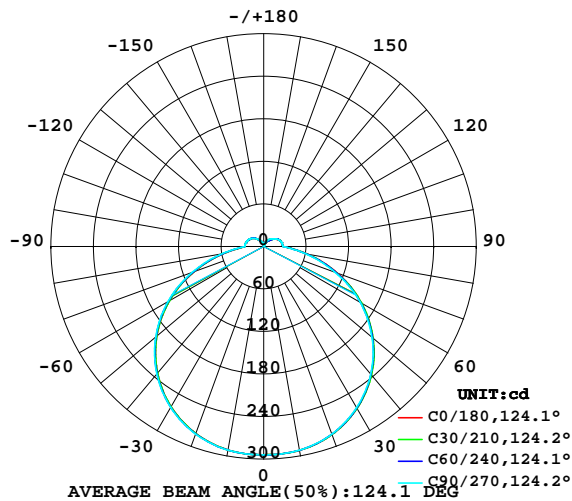


**LUMINAIRE PHOTOMETRIC TEST REPORT**

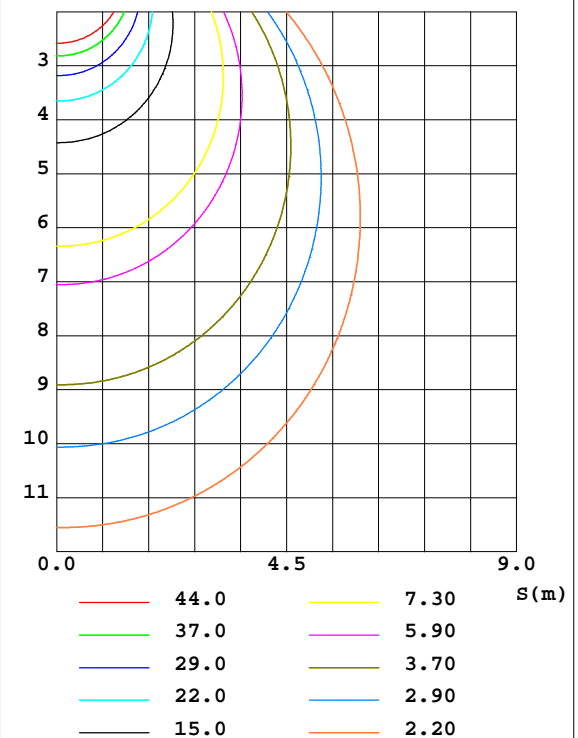
Test:U:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.57 lm/W			
MODEL		Imax(cd)	293.9	S/MH(C0/180)	1.33
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1104.7	$\eta$ UP,DN(C0-180)	5.5,44.6
NOMINAL FLUX(lm)	1104.68	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	5.6,44.3
LAMPS INSIDE	1	$\eta$ up(%)	11.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	229.7	$\eta$ down(%)	88.9	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	291.9	291.9	291.7	291.5	291.4	291.5	291.6	291.8	0- 10	27.96	27.96	2.53,2.53
20	282.1	282.0	281.5	280.9	280.7	281.0	281.4	281.9	10- 20	81.28	109.2	9.89,9.89
30	263.4	263.3	262.5	261.4	261.2	261.6	262.3	263.1	20- 30	125.9	235.2	21.3,21.3
40	236.2	236.2	235.0	233.5	233.1	233.5	234.6	235.7	30- 40	156.2	391.4	35.4,35.4
50	201.2	201.0	199.6	197.8	197.1	197.6	199.0	200.4	40- 50	168.1	559.5	50.6,50.6
60	158.8	158.6	156.9	154.9	153.9	154.5	155.8	157.8	50- 60	159.6	719.1	65.1,65.1
70	111.0	109.9	107.5	105.9	104.1	105.4	107.9	109.4	60- 70	131.2	850.3	77,77
80	62.28	61.62	59.72	57.56	56.69	57.23	59.20	60.91	70- 80	87.81	938.1	84.9,84.9
90	27.82	27.65	27.25	27.15	26.99	26.95	27.06	27.45	80- 90	44.30	982.4	88.9,88.9
100	26.15	26.39	26.43	26.33	26.19	26.15	26.29	26.37	90-100	29.22	1012	91.6,91.6
110	24.33	24.78	24.75	24.68	24.56	24.51	24.67	24.75	100-110	27.03	1039	94,94
120	20.86	22.10	21.23	22.23	21.95	22.04	22.13	22.30	110-120	23.25	1062	96.1,96.1
130	17.11	15.81	17.37	19.02	17.86	18.79	18.12	19.11	120-130	18.01	1080	97.8,97.8
140	13.47	11.42	13.61	15.13	13.21	13.43	13.63	15.30	130-140	12.31	1092	98.9,98.9
150	9.777	8.485	9.739	10.86	9.340	7.983	9.733	11.05	140-150	7.356	1100	99.5,99.5
160	6.152	5.431	6.030	6.589	5.694	4.980	5.939	6.736	150-160	3.641	1103	99.9,99.9
170	2.969	2.711	2.835	2.968	2.614	2.440	2.780	3.067	160-170	1.265	1104	100,100
180	1.678	1.632	1.641	1.676	1.684	1.632	1.643	1.675	170-180	0.2051	1105	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

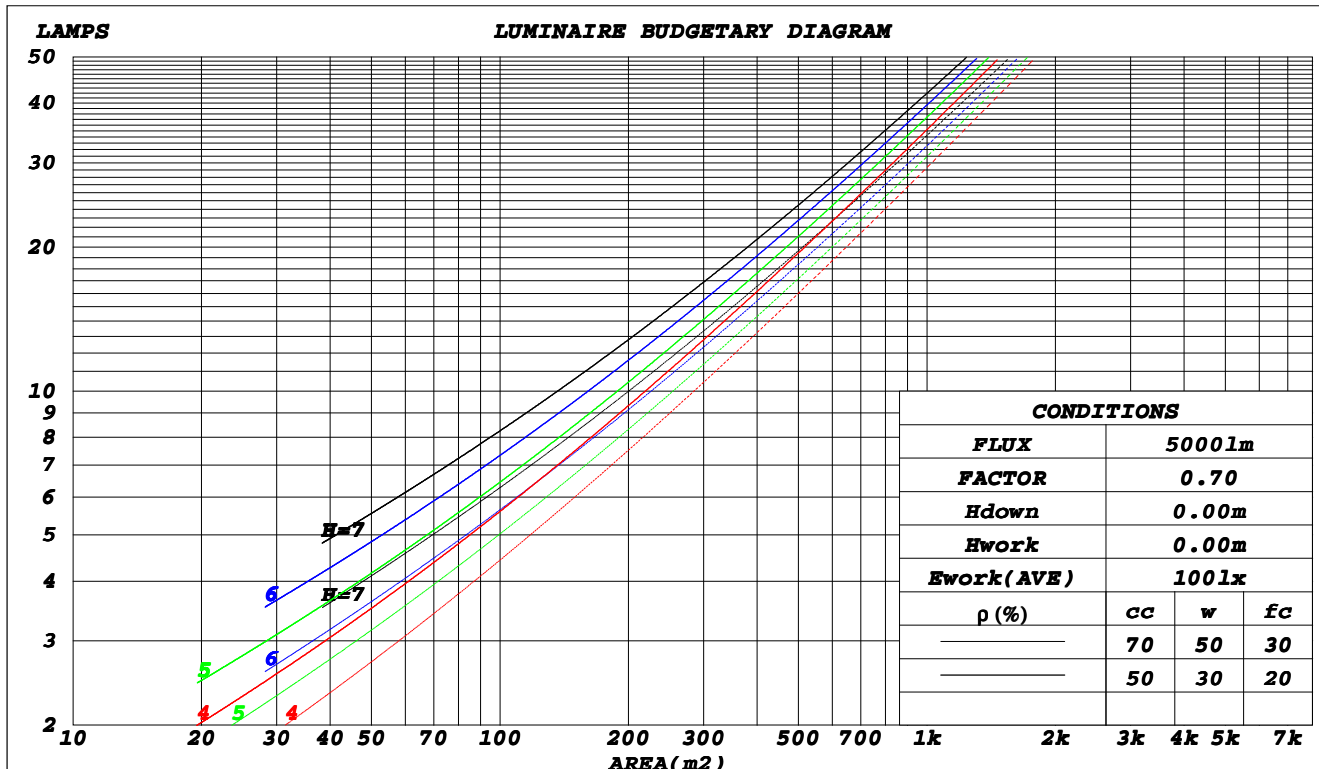
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**$\gamma$  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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	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	.00	.95	.91	.96	.92	.88	.90	.86	.83	.84	.81	.79	.79	.77	.74	.72
2.0	.86	.79	.73	.83	.76	.71	.78	.72	.67	.73	.68	.64	.68	.65	.61	.58
3.0	.75	.66	.60	.73	.65	.58	.68	.61	.56	.64	.58	.53	.60	.55	.51	.48
4.0	.66	.57	.50	.64	.56	.49	.60	.53	.47	.56	.50	.45	.53	.48	.44	.41
5.0	.59	.49	.43	.57	.48	.42	.54	.46	.40	.50	.44	.39	.47	.42	.38	.35
6.0	.53	.43	.37	.51	.43	.36	.48	.41	.35	.45	.39	.34	.43	.37	.33	.30
7.0	.48	.39	.32	.46	.38	.32	.44	.36	.31	.41	.35	.30	.39	.33	.29	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.27	.38	.31	.27	.36	.30	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.35	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.22	.31	.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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	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	.341	.194	.061	.330	.188	.060	.310	.178	.057	.292	.169	.054	.276	.160	.052		
2.0	.309	.169	.052	.300	.165	.051	.282	.157	.049	.266	.149	.047	.251	.142	.045		
3.0	.281	.150	.045	.273	.146	.044	.257	.139	.042	.242	.133	.041	.228	.126	.039		
4.0	.257	.133	.039	.249	.130	.039	.235	.124	.037	.221	.119	.036	.209	.114	.035		
5.0	.235	.120	.035	.229	.117	.034	.216	.112	.033	.204	.107	.032	.192	.103	.031		
6.0	.217	.109	.031	.211	.107	.031	.199	.102	.030	.188	.098	.029	.178	.094	.028		
7.0	.201	.100	.028	.196	.097	.028	.185	.094	.027	.175	.090	.026	.166	.086	.025		
8.0	.187	.092	.026	.182	.090	.025	.173	.086	.025	.163	.083	.024	.155	.079	.023		
9.0	.175	.085	.024	.171	.083	.023	.162	.080	.023	.153	.077	.022	.145	.074	.021		
10.0	.164	.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	.275	.275	.275	.235	.235	.235	.160	.160	.160	.092	.092	.092	.029	.029	.029	
1.0	.267	.241	.217	.229	.207	.187	.157	.142	.129	.090	.082	.075	.029	.026	.024	
2.0	.260	.217	.182	.223	.187	.157	.153	.129	.109	.088	.075	.064	.028	.024	.021	
3.0	.253	.200	.159	.217	.173	.138	.149	.120	.097	.086	.070	.057	.028	.023	.019	
4.0	.245	.188	.144	.210	.162	.125	.145	.113	.088	.084	.066	.052	.027	.022	.017	
5.0	.238	.178	.133	.204	.154	.116	.141	.107	.082	.081	.063	.049	.026	.021	.016	
6.0	.230	.169	.126	.198	.147	.109	.137	.103	.077	.079	.060	.046	.026	.020	.015	
7.0	.224	.163	.120	.192	.141	.105	.133	.099	.074	.077	.058	.044	.025	.019	.015	
8.0	.217	.157	.116	.187	.136	.101	.129	.096	.072	.075	.056	.043	.024	.018	.014	
9.0	.211	.152	.113	.182	.132	.098	.126	.093	.070	.073	.055	.042	.024	.018	.014	
10.0	.205	.148	.110	.177	.129	.096	.123	.090	.068	.072	.053	.041	.023	.018	.013	

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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm										
NAME: Slice Circle 220 10W NW					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	16.4	17.8	16.8	18.2	18.6	16.3	17.7	16.7	18.1	18.5
3H	18.2	19.5	18.6	19.9	20.4	18.1	19.4	18.5	19.8	20.3
4H	19.0	20.3	19.5	20.7	21.2	18.9	20.1	19.4	20.6	21.1
6H	19.8	20.9	20.3	21.4	21.9	19.6	20.8	20.1	21.3	21.8
8H	20.1	21.2	20.6	21.7	22.2	19.9	21.1	20.4	21.5	22.1
12H	20.4	21.5	21.0	22.0	22.6	20.3	21.4	20.8	21.8	22.4
4H 2H	17.0	18.3	17.5	18.7	19.2	17.0	18.2	17.4	18.7	19.1
3H	19.0	20.1	19.5	20.6	21.1	19.0	20.0	19.5	20.5	21.1
4H	20.0	21.0	20.5	21.5	22.1	19.9	20.9	20.4	21.4	22.0
6H	20.9	21.8	21.5	22.3	22.9	20.8	21.7	21.3	22.2	22.8
8H	21.3	22.2	21.9	22.7	23.3	21.2	22.0	21.8	22.6	23.2
12H	21.8	22.5	22.4	23.1	23.7	21.6	22.4	22.2	22.9	23.6
8H 4H	20.4	21.2	20.9	21.7	22.4	20.3	21.1	20.8	21.6	22.3
6H	21.5	22.2	22.1	22.8	23.4	21.4	22.0	22.0	22.6	23.3
8H	22.0	22.7	22.7	23.3	23.9	21.9	22.5	22.5	23.1	23.8
12H	22.6	23.2	23.3	23.8	24.5	22.5	23.0	23.1	23.6	24.4
12H 4H	20.4	21.1	21.0	21.7	22.4	20.3	21.1	20.9	21.6	22.3
6H	21.6	22.2	22.2	22.8	23.5	21.5	22.1	22.1	22.7	23.4
8H	22.2	22.8	22.9	23.4	24.1	22.1	22.6	22.7	23.3	24.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 1105 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

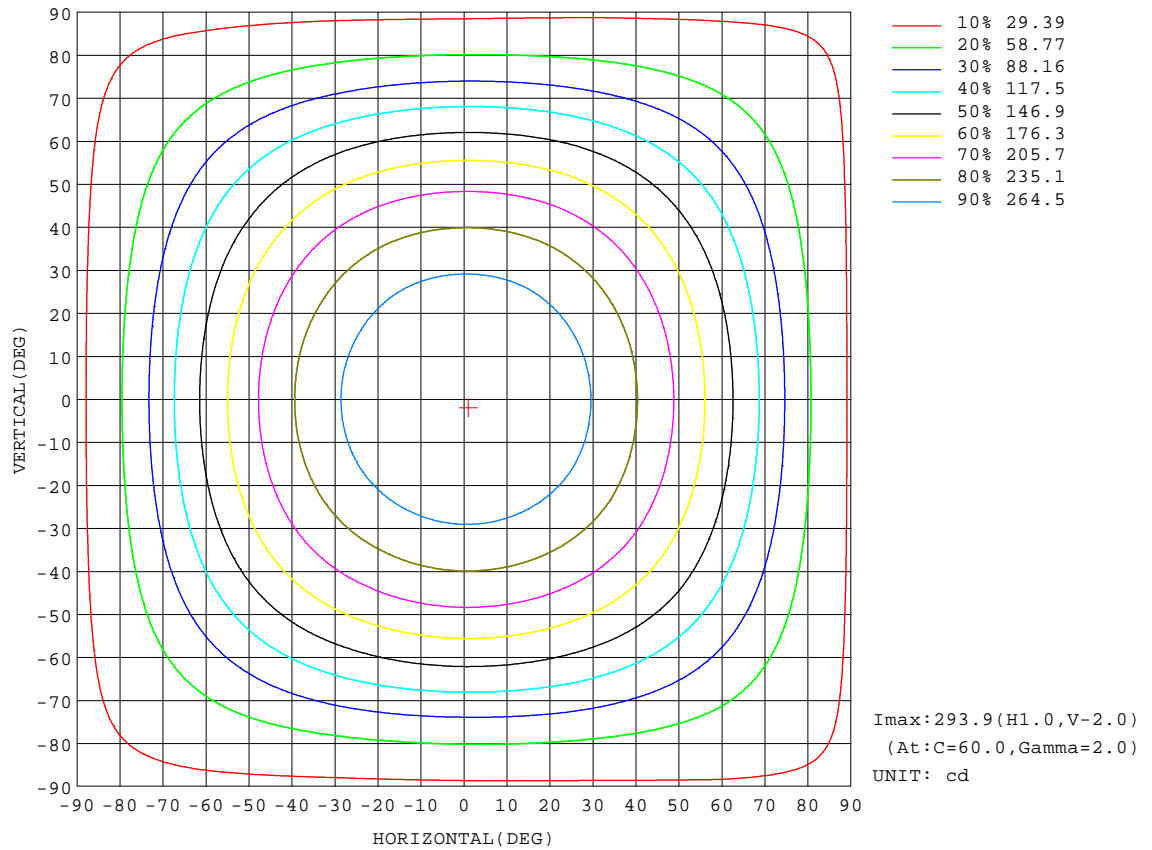
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	39	32	49	39	32	25
0.80	61	49	41	60	48	41	58	47	40	33
1.00	70	58	50	68	57	49	65	57	48	40
1.25	77	65	57	75	64	57	71	62	55	46
1.50	82	71	63	80	69	62	75	67	60	51
2.00	89	79	72	86	77	71	82	74	68	58
2.50	93	84	77	90	82	76	85	78	73	62
3.00	97	89	82	94	87	81	88	82	77	66
4.00	101	94	89	98	92	87	92	87	83	71
5.00	104	98	93	100	95	91	94	90	86	74
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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:



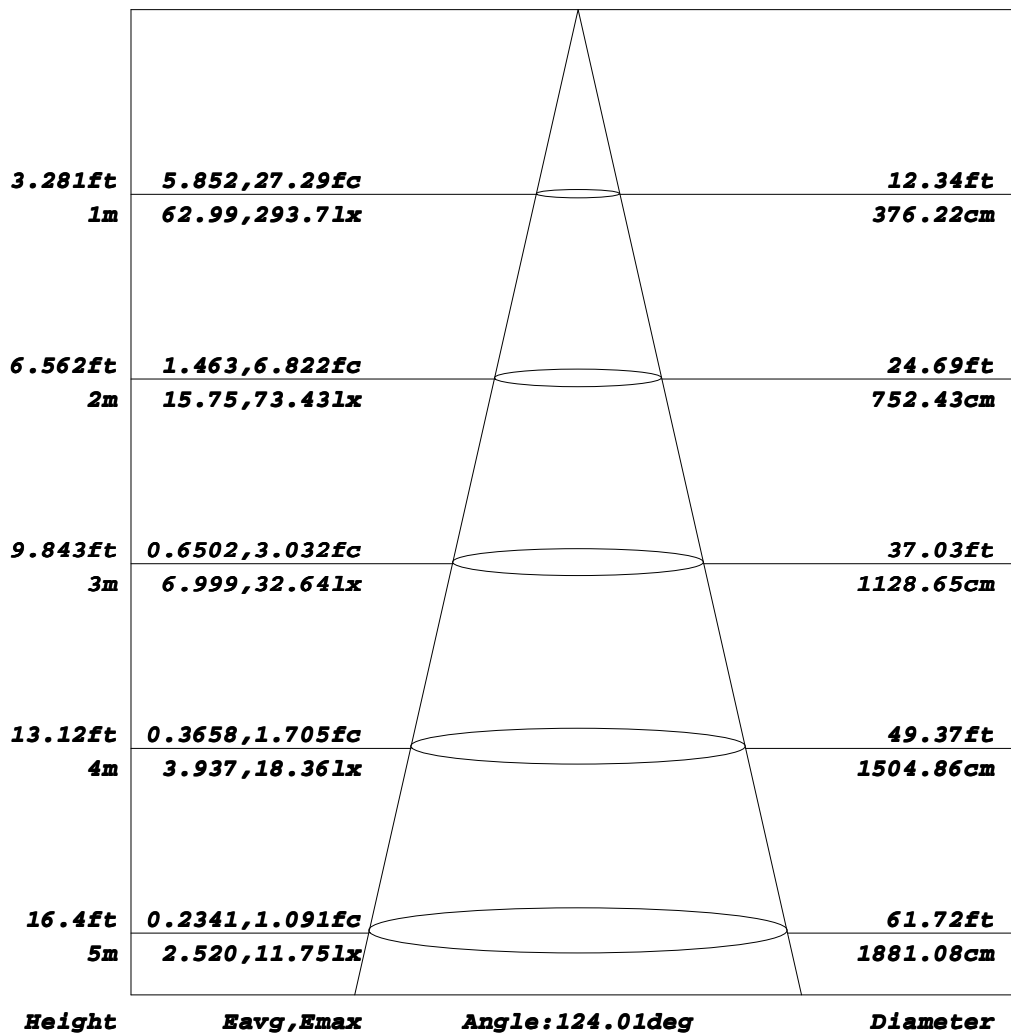
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

**Flux out:762.3 lm**



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

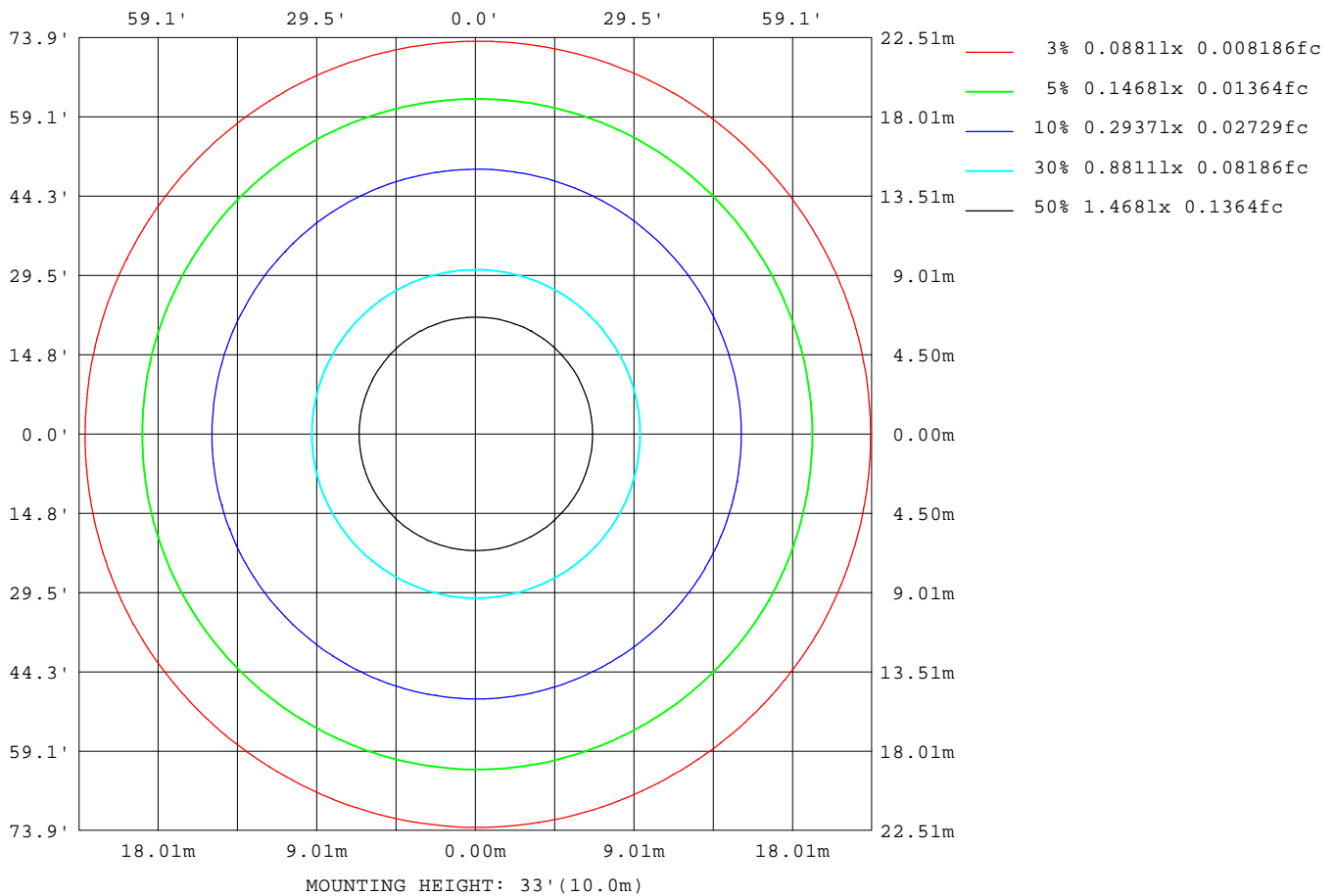
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	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	1104.68	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	3153	3152	3151	3149	3145	3141	3136	3129	3121	3114	3107	3101	3095	3089	3083	3078	3076	3074	3074
60	3176	3176	3175	3173	3168	3163	3155	3147	3137	3127	3119	3111	3103	3096	3089	3084	3080	3079	3078
65	3207	3209	3208	3205	3198	3189	3179	3168	3157	3145	3134	3123	3112	3103	3094	3087	3082	3078	3076
70	3246	3238	3229	3220	3212	3203	3193	3179	3165	3149	3134	3119	3106	3094	3083	3073	3060	3050	3044
75	3334	3326	3316	3305	3293	3279	3264	3246	3228	3209	3190	3172	3154	3138	3124	3110	3096	3085	3079
80	3586	3581	3571	3558	3541	3521	3498	3475	3451	3424	3392	3360	3330	3309	3293	3280	3271	3266	3265
85	4772	4771	4762	4744	4714	4678	4638	4600	4560	4521	4480	4440	4402	4368	4339	4315	4302	4295	4294

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

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	4772	200	---	500
Category 2	65 to 90	4772	200	---	500
Category 3	75 to 90	4772	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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm		
NAME: Slice Circle 220 10W NW	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	1104.68	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	3153	3152	3151	3149	3145	3141	3136	3129	3121	3114	3107	3101	3095	3089	3083	3078	3076	3074	3074
60	3176	3176	3175	3173	3168	3163	3155	3147	3137	3127	3119	3111	3103	3096	3089	3084	3080	3079	3078
65	3207	3209	3208	3205	3198	3189	3179	3168	3157	3145	3134	3123	3112	3103	3094	3087	3082	3078	3076
70	3246	3238	3229	3220	3212	3203	3193	3179	3165	3149	3134	3119	3106	3094	3083	3073	3060	3050	3044
75	3334	3326	3316	3305	3293	3279	3264	3246	3228	3209	3190	3172	3154	3138	3124	3110	3096	3085	3079
80	3586	3581	3571	3558	3541	3521	3498	3475	3451	3424	3392	3360	3330	3309	3293	3280	3271	3266	3265
85	4772	4771	4762	4744	4714	4678	4638	4600	4560	4521	4480	4440	4402	4368	4339	4315	4302	4295	4294

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	4772	1000	1500	200	500
65 to 90	4772	1000	1500	200	500

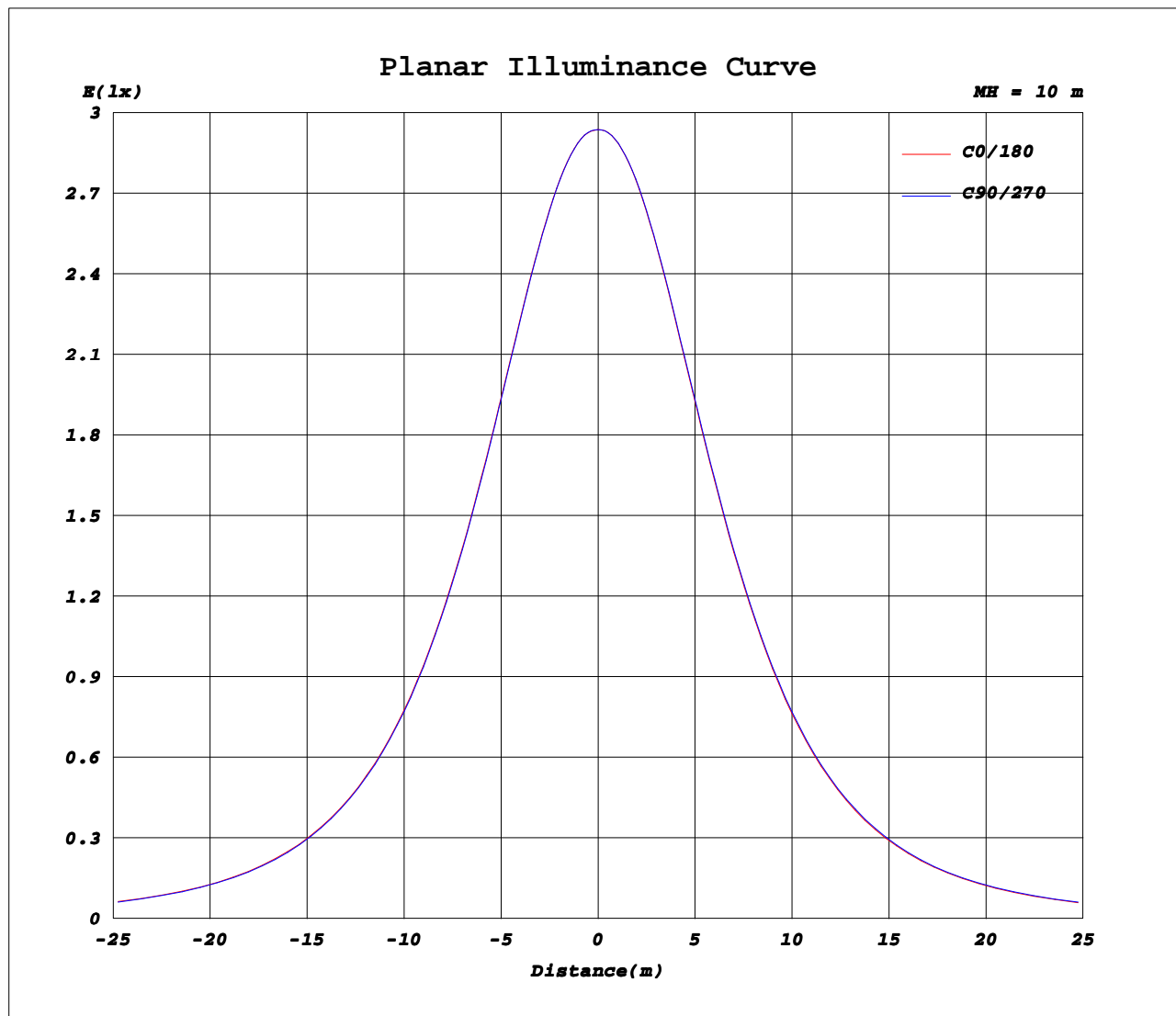
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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:229.7V I:0.0426A P:9.396W PF:0.9605 Lamp Flux:1104.68x1 lm																	
NAME: Slice Circle 220 10W NW									TYPE:			WEIGHT:					
DIM.:									SPEC.:			SERIAL No.:					
MFR.: PURATI PTY LTD									SUR.:			PROTECTION ANGLE:					

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	294	294	294	294	294	294	294	294	294	294	294	294						
5	294	294	294	294	294	294	294	293	293	294	294	294						
10	292	292	292	292	292	292	291	291	292	292	292	292						
15	288	288	288	288	287	287	287	287	288	288	288	288						
20	282	282	282	281	281	281	281	281	281	281	282	282						
25	274	274	273	273	272	272	272	272	273	273	274	274						
30	263	264	263	263	261	261	261	261	262	262	263	263						
35	251	251	250	250	249	249	248	248	249	250	250	250						
40	236	237	236	235	233	234	233	233	234	235	236	236						
45	220	220	219	218	217	217	216	216	217	218	219	219						
50	201	202	200	200	198	198	197	197	198	199	200	200						
55	181	181	180	179	177	177	176	176	178	178	180	180						
60	159	160	158	157	155	155	154	153	155	156	158	158						
65	136	136	134	133	131	131	130	130	132	133	134	135						
70	111	110	110	108	107	105	104	105	106	108	109	110						
75	86.3	85.7	85.0	83.0	82.0	80.6	79.7	80.4	81.2	83.1	83.9	85.4						
80	62.3	62.1	61.1	59.7	57.7	57.4	56.7	56.5	58.0	59.2	60.4	61.4						
85	41.6	41.8	40.5	39.7	38.3	38.0	37.4	37.3	38.5	39.1	40.4	40.9						
90	27.8	27.9	27.4	27.3	27.2	27.1	27.0	26.9	27.0	27.1	27.3	27.5						
95	26.8	26.9	26.9	26.9	26.9	26.8	26.7	26.6	26.7	26.8	26.9	26.9						
100	26.1	26.4	26.4	26.4	26.4	26.3	26.2	26.1	26.2	26.3	26.4	26.4						
105	25.4	25.7	25.7	25.7	25.6	25.6	25.5	25.4	25.5	25.6	25.7	25.6						
110	24.3	24.7	24.8	24.8	24.7	24.6	24.6	24.5	24.6	24.7	24.8	24.7						
115	22.8	23.6	23.7	23.2	23.6	23.5	23.4	23.3	23.4	23.5	23.7	23.5						
120	20.9	22.1	22.1	21.2	22.3	22.2	21.9	22.0	22.1	22.1	22.4	22.2						
125	18.9	19.1	19.1	19.2	20.7	20.7	20.1	20.4	20.6	20.3	20.9	20.7						
130	17.1	15.8	15.8	17.4	19.0	19.0	17.9	18.7	18.9	18.1	19.2	19.0						
135	15.3	12.9	13.0	15.5	17.2	17.1	15.5	16.4	16.6	15.8	17.3	17.2						
140	13.5	11.4	11.5	13.6	15.2	15.1	13.2	13.3	13.6	13.6	15.4	15.2						
145	11.6	10.00	10.0	11.7	13.0	13.0	11.2	10.2	10.5	11.7	13.2	13.2						
150	9.78	8.52	8.45	9.74	10.9	10.8	9.34	7.87	8.10	9.73	11.1	11.0						
155	7.94	6.98	6.86	7.85	8.70	8.68	7.49	6.32	6.54	7.81	8.89	8.85						
160	6.15	5.49	5.38	6.03	6.61	6.57	5.69	4.88	5.08	5.94	6.75	6.72						
165	4.44	4.06	3.96	4.29	4.65	4.61	4.02	3.55	3.68	4.24	4.77	4.77						
170	2.97	2.76	2.66	2.83	3.00	2.94	2.61	2.39	2.49	2.78	3.05	3.08						
175	1.94	1.84	1.77	1.81	1.86	1.79	1.72	1.67	1.71	1.78	1.84	1.88						
180	1.68	1.65	1.62	1.64	1.67	1.68	1.68	1.65	1.62	1.64	1.67	1.68						

**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:**