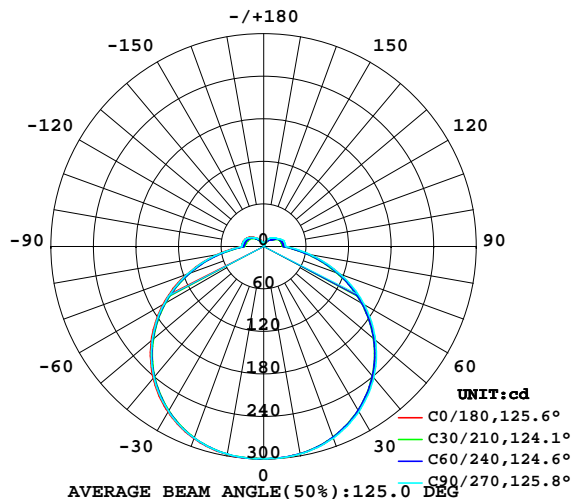


**LUMINAIRE PHOTOMETRIC TEST REPORT**

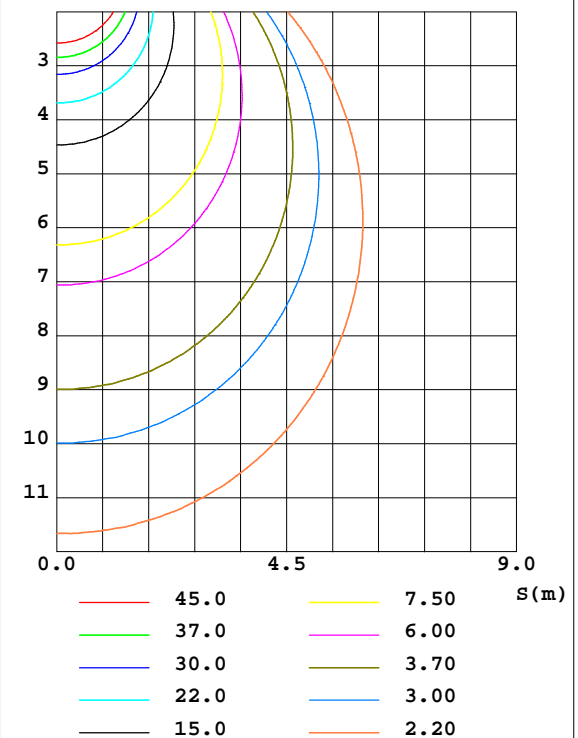
Test:U:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.63 lm/W			
MODEL		Imax(cd)	299.8	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)	1137.7	η UP,DN(C0-180)	5.6,44.4
NOMINAL FLUX(lm)	1137.67	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	5.7,44.4
LAMPS INSIDE	1	η up(%)	11.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	229.5	η 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

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:

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	297.1	296.8	297.3	297.1	297.7	297.3	297.2	296.8	0- 10	28.48	28.48	2.5,2.5
20	286.8	286.1	287.6	287.0	288.2	287.1	287.5	286.2	10- 20	82.83	111.3	9.78,9.78
30	267.7	266.5	268.9	267.6	269.8	267.8	268.4	266.4	20- 30	128.4	239.7	21.1,21.1
40	239.9	238.3	241.5	239.7	242.6	239.8	240.9	238.2	30- 40	159.4	399.2	35.1,35.1
50	204.5	202.4	206.1	203.7	207.0	203.8	205.3	201.8	40- 50	171.8	571.0	50.2,50.2
60	161.9	159.3	163.6	160.7	164.4	160.5	162.4	158.4	50- 60	163.7	734.7	64.6,64.6
70	113.9	110.5	114.4	112.0	115.1	111.4	114.4	109.5	60- 70	135.7	870.4	76.5,76.5
80	65.46	62.09	66.47	63.39	66.72	62.43	65.75	61.15	70- 80	92.43	962.8	84.6,84.6
90	30.87	27.35	31.27	27.48	31.25	27.35	30.94	27.01	80- 90	47.23	1010	88.8,88.8
100	29.30	26.50	30.36	26.62	30.36	26.56	30.12	26.17	90-100	30.68	1041	91.5,91.5
110	27.45	25.02	27.91	24.84	28.67	25.00	28.35	24.48	100-110	28.48	1069	94,94
120	21.86	20.66	22.42	21.97	25.48	22.51	24.68	21.69	110-120	24.12	1093	96.1,96.1
130	18.41	14.70	19.35	18.87	20.55	18.33	19.73	18.53	120-130	18.25	1112	97.7,97.7
140	15.00	12.15	15.73	15.33	15.17	13.08	15.11	15.05	130-140	12.68	1124	98.8,98.8
150	11.10	9.087	11.59	11.33	10.79	8.613	11.00	11.04	140-150	7.819	1132	99.5,99.5
160	6.874	5.856	7.143	7.208	6.733	5.381	6.823	6.962	150-160	3.967	1136	99.9,99.9
170	3.216	3.123	3.203	3.499	3.098	2.744	3.139	3.401	160-170	1.405	1137	100,100
180	1.965	1.922	1.900	1.966	1.963	1.921	1.898	1.966	170-180	0.2344	1138	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

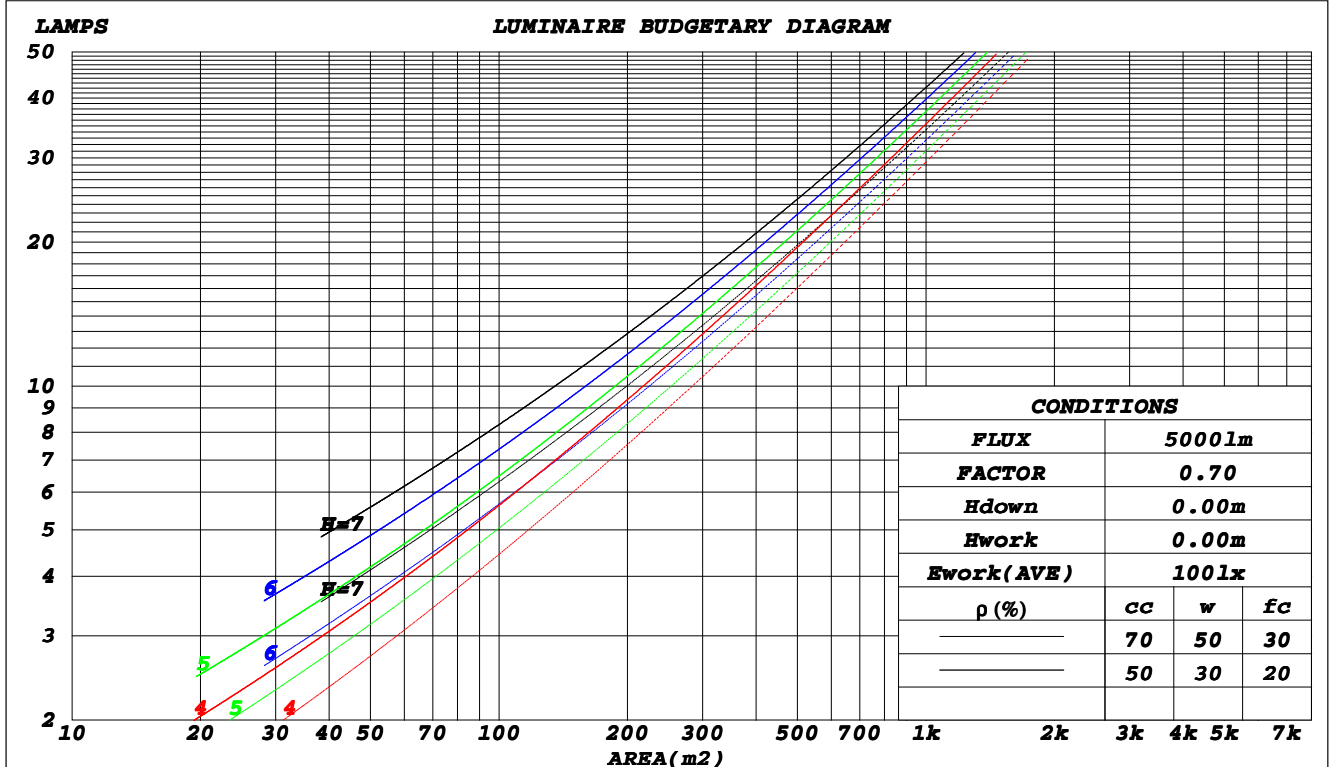
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**$\gamma$  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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 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						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	.78	.76	.74	.71
2.0	.86	.78	.72	.83	.76	.71	.77	.72	.67	.72	.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	.47	.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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 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	.343	.195	.062	.333	.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	.188	.157	.143	.130	.091	.083	.075	.029	.027	.024		
2.0	.262	.219	.182	.224	.188	.158	.154	.130	.110	.089	.076	.064	.028	.024	.021		
3.0	.254	.202	.160	.218	.174	.139	.150	.121	.097	.086	.071	.057	.028	.023	.019		
4.0	.246	.189	.145	.212	.163	.126	.145	.114	.089	.084	.067	.052	.027	.022	.017		
5.0	.239	.179	.134	.205	.155	.117	.141	.108	.082	.082	.063	.049	.026	.021	.016		
6.0	.232	.171	.127	.199	.148	.110	.137	.103	.078	.080	.061	.046	.026	.020	.015		
7.0	.225	.164	.121	.193	.142	.106	.134	.100	.075	.078	.059	.045	.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	.094	.070	.074	.055	.042	.024	.018	.014		
10.0	.206	.149	.111	.178	.130	.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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm											
NAME: Slice Square 210 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	16.3	17.7	16.7	18.1	18.6	16.3	17.8	16.8	18.2	18.6	
	3H	18.2	19.5	18.6	19.9	20.4	18.2	19.5	18.7	19.9	20.4
	4H	19.0	20.2	19.5	20.7	21.2	19.1	20.3	19.5	20.8	21.2
	6H	19.8	21.0	20.3	21.4	21.9	19.9	21.0	20.4	21.5	22.0
	8H	20.1	21.3	20.6	21.8	22.3	20.2	21.4	20.7	21.8	22.4
	12H	20.5	21.6	21.0	22.1	22.6	20.6	21.7	21.1	22.2	22.7
4H	2H	17.0	18.2	17.4	18.6	19.1	17.0	18.2	17.5	18.7	19.2
	3H	19.0	20.1	19.5	20.5	21.1	19.0	20.1	19.5	20.6	21.2
	4H	20.0	21.0	20.5	21.5	22.0	20.0	21.0	20.6	21.5	22.1
	6H	20.9	21.8	21.5	22.3	22.9	21.0	21.9	21.5	22.4	23.0
	8H	21.3	22.2	21.9	22.7	23.3	21.4	22.3	22.0	22.8	23.4
	12H	21.8	22.6	22.4	23.1	23.8	21.9	22.7	22.5	23.2	23.9
8H	4H	20.3	21.1	20.9	21.7	22.3	20.4	21.2	20.9	21.8	22.4
	6H	21.4	22.1	22.1	22.7	23.4	21.5	22.2	22.1	22.8	23.5
	8H	22.0	22.6	22.6	23.2	23.9	22.1	22.7	22.7	23.3	24.0
	12H	22.6	23.2	23.3	23.8	24.5	22.8	23.3	23.4	23.9	24.6
12H	4H	20.4	21.1	20.9	21.7	22.3	20.4	21.2	21.0	21.7	22.4
	6H	21.6	22.2	22.2	22.8	23.5	21.6	22.3	22.3	22.9	23.5
	8H	22.2	22.7	22.9	23.4	24.1	22.3	22.8	22.9	23.5	24.2
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 1138 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

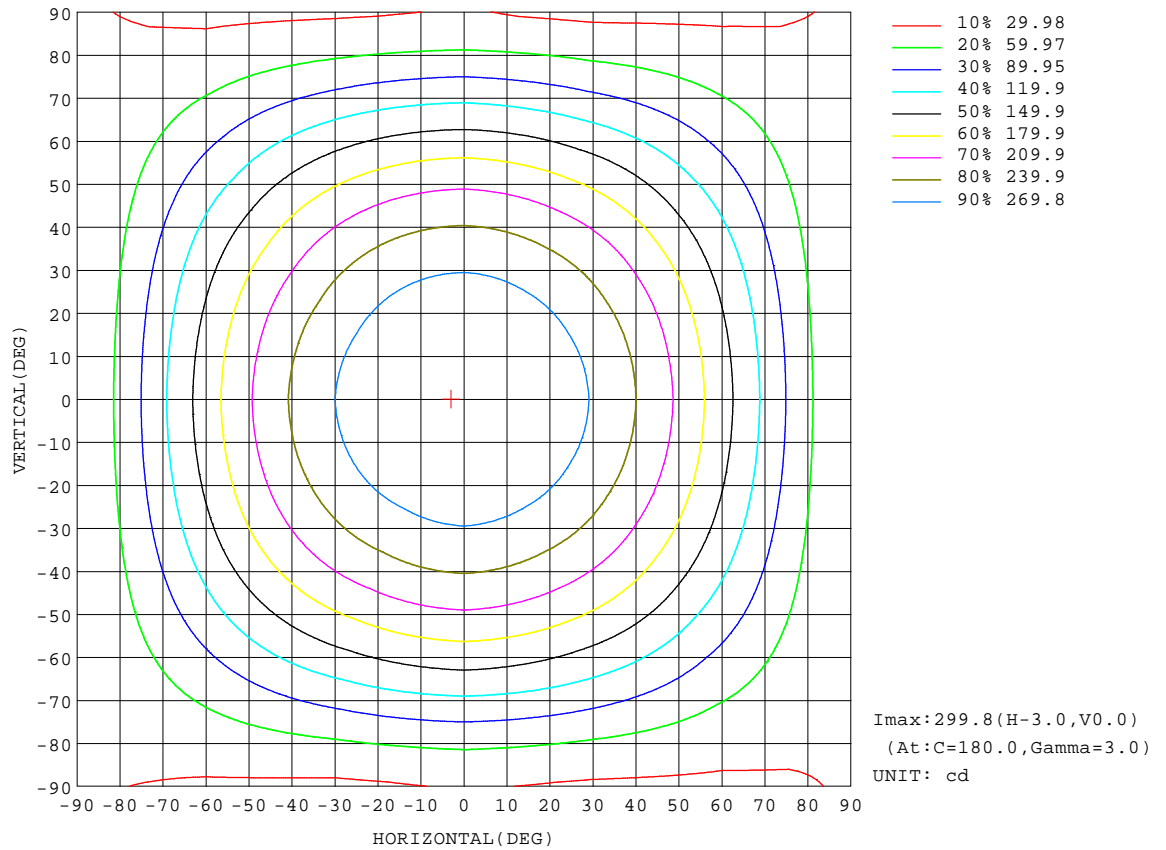
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	32	51	39	32	49	38	32	25
0.80	61	49	41	60	48	41	57	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					SHRNOM = 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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:



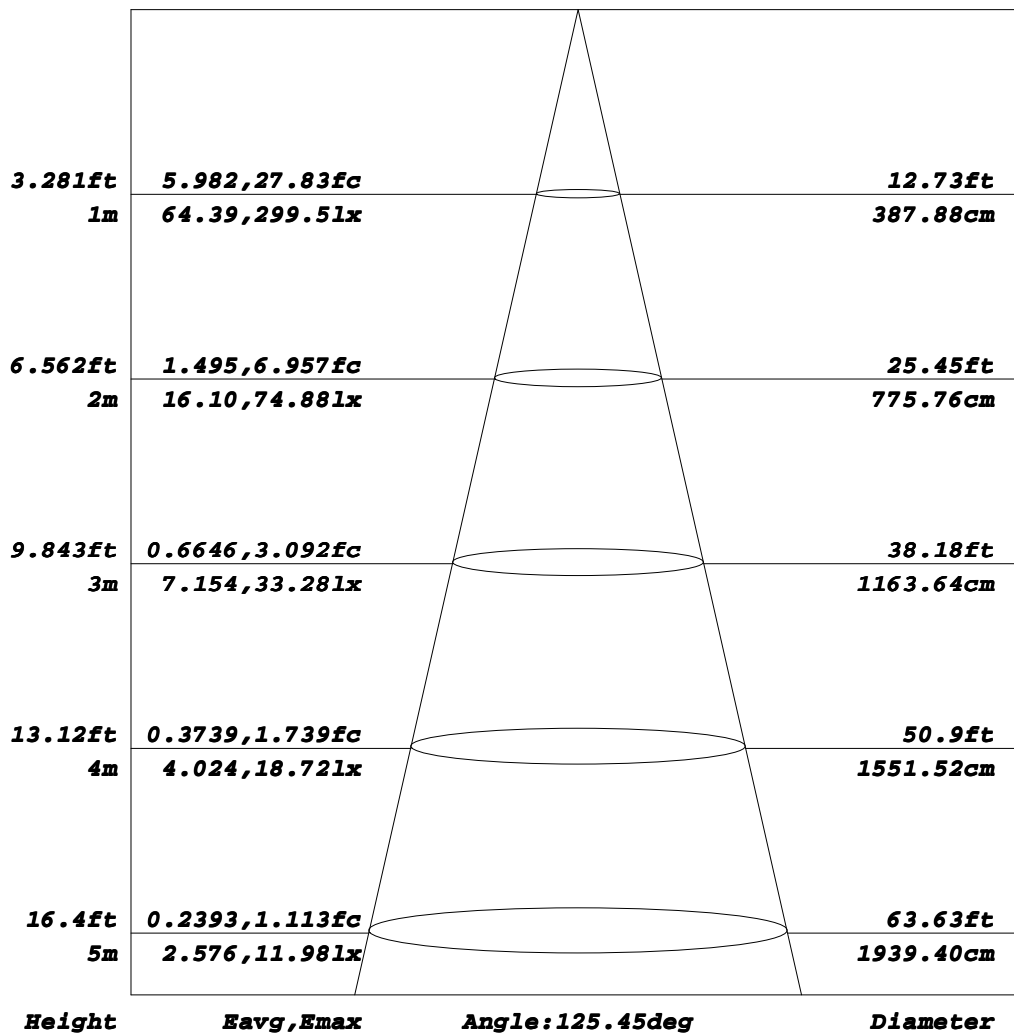
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Mr.Ma**  
**Test Date:2022-09-14**

**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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 10W NW	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: PURATI PTY LTD	SUR.:	PROTECTION ANGLE:

**Flux out:779.2 lm**



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

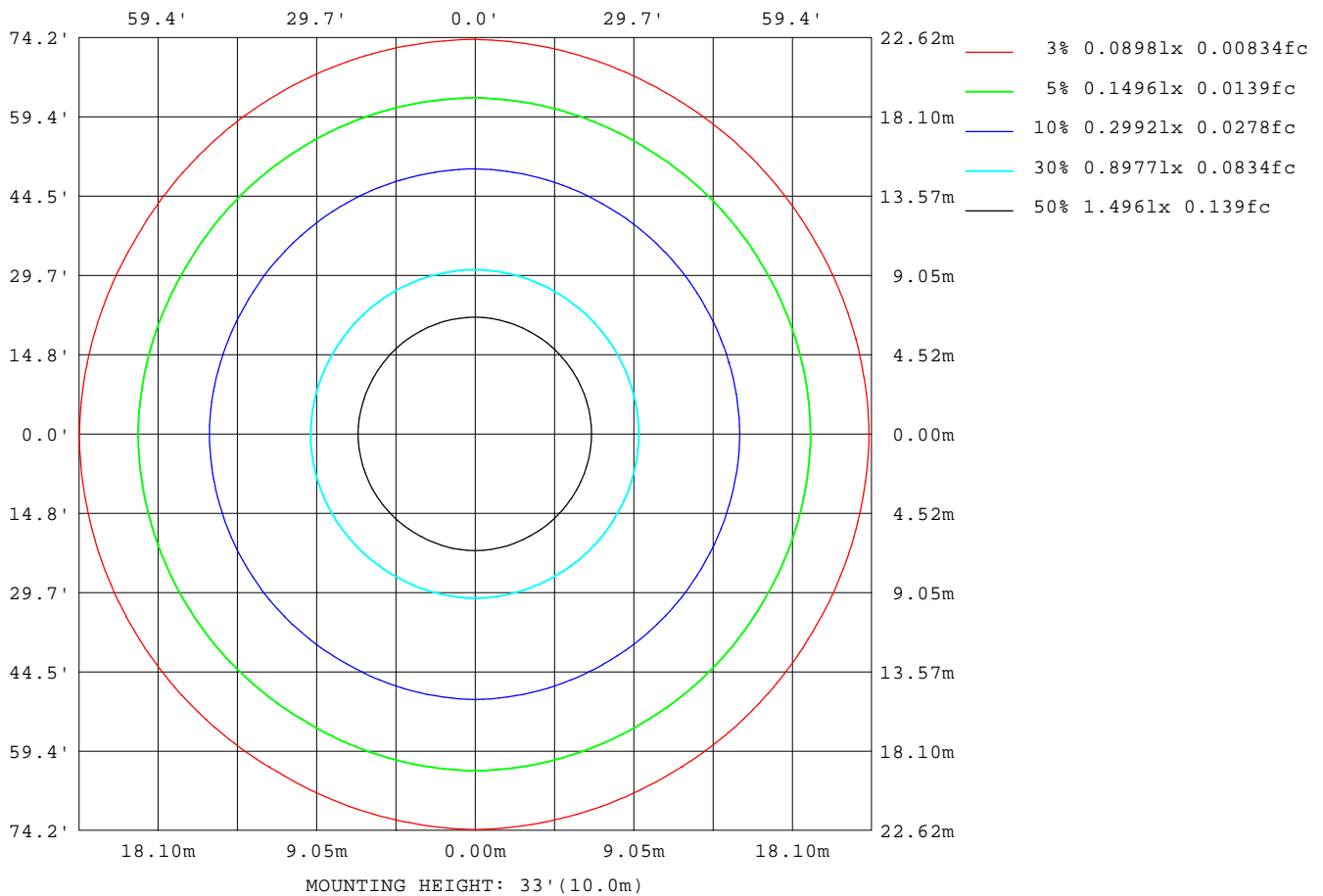
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Mr.Ma**  
**Test Date: 2022-09-14**

**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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 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	1137.67	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	3210	3186	3168	3157	3153	3155	3163	3187	3210	3228	3218	3202	3186	3182	3184	3192	3214	3236	3251
60	3238	3208	3186	3173	3167	3170	3181	3210	3239	3261	3248	3229	3209	3204	3206	3215	3243	3269	3288
65	3273	3238	3212	3196	3190	3193	3206	3241	3278	3305	3290	3265	3240	3233	3234	3245	3278	3311	3334
70	3330	3278	3239	3213	3202	3204	3220	3264	3310	3345	3324	3292	3259	3253	3257	3271	3307	3342	3366
75	3452	3382	3331	3298	3284	3288	3309	3369	3429	3474	3445	3400	3354	3344	3348	3366	3414	3461	3494
80	3770	3665	3588	3539	3519	3525	3558	3649	3740	3807	3760	3687	3614	3597	3603	3631	3710	3788	3842
85	5053	4868	4730	4640	4597	4603	4659	4834	5010	5139	5040	4892	4743	4704	4713	4768	4937	5104	5219

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	5219	200	---	500
Category 2	65 to 90	5219	200	---	500
Category 3	75 to 90	5219	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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm		
NAME: Slice Square 210 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	1137.67	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	3210	3186	3168	3157	3153	3155	3163	3187	3210	3228	3218	3202	3186	3182	3184	3192	3214	3236	3251
60	3238	3208	3186	3173	3167	3170	3181	3210	3239	3261	3248	3229	3209	3204	3206	3215	3243	3269	3288
65	3273	3238	3212	3196	3190	3193	3206	3241	3278	3305	3290	3265	3240	3233	3234	3245	3278	3311	3334
70	3330	3278	3239	3213	3202	3204	3220	3264	3310	3345	3324	3292	3259	3253	3257	3271	3307	3342	3366
75	3452	3382	3331	3298	3284	3288	3309	3369	3429	3474	3445	3400	3354	3344	3348	3366	3414	3461	3494
80	3770	3665	3588	3539	3519	3525	3558	3649	3740	3807	3760	3687	3614	3597	3603	3631	3710	3788	3842
85	5053	4868	4730	4640	4597	4603	4659	4834	5010	5139	5040	4892	4743	4704	4713	4768	4937	5104	5219

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	5219	1000	1500	200	500
65 to 90	5219	1000	1500	200	500

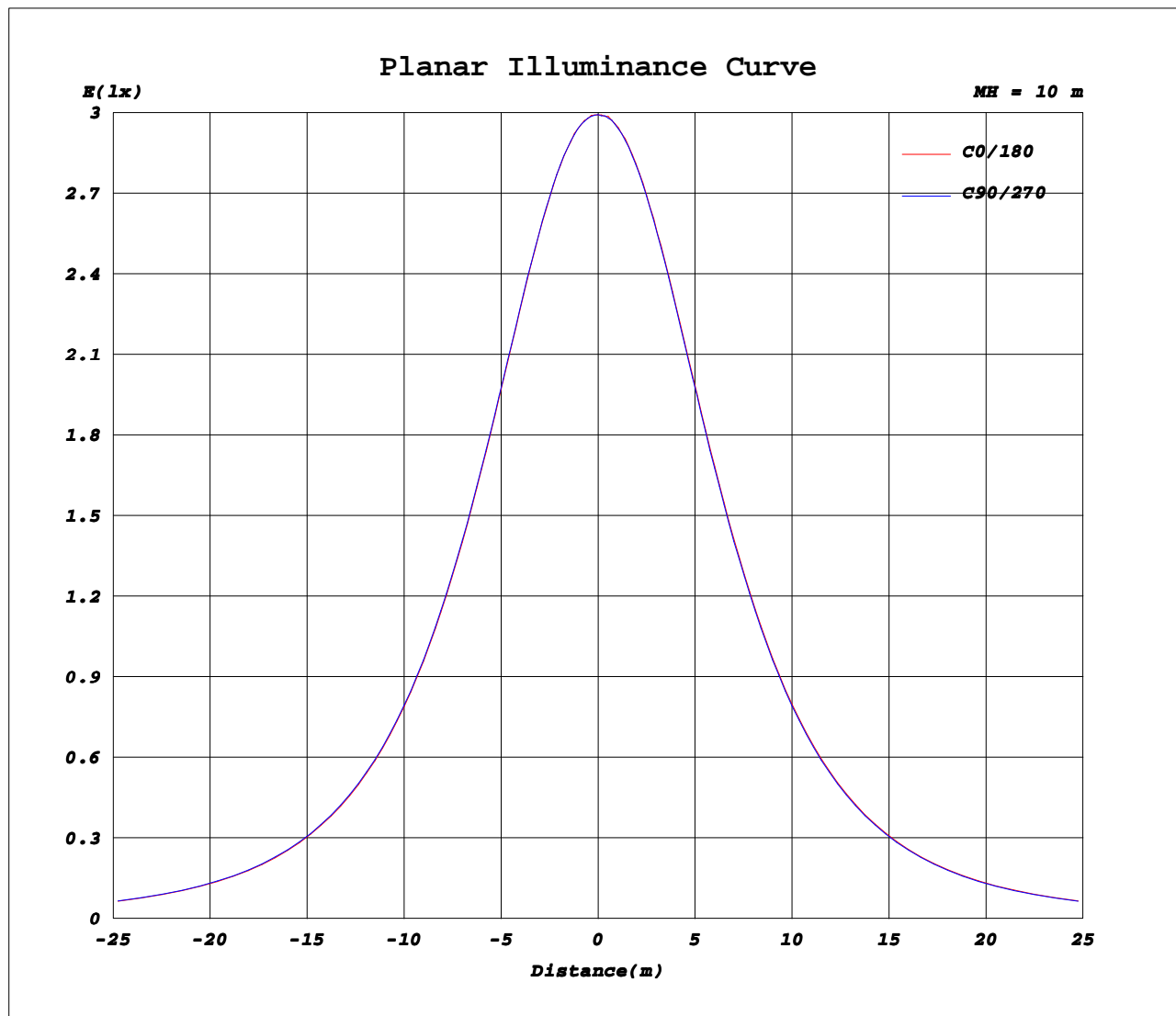
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

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:229.6V I:0.0435A P:9.590W PF:0.9606 Lamp Flux:1137.67x1 lm																	
NAME: Slice Square 210 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	299	299	299	299	300	299	299	299	299	299	300	299						
5	299	299	299	299	299	299	299	299	299	299	299	299						
10	297	297	297	297	297	297	298	297	297	297	297	297						
15	293	293	293	294	293	293	294	293	293	294	293	292						
20	287	286	286	288	287	287	288	287	287	287	286	286						
25	278	277	278	279	278	279	280	278	279	279	278	277						
30	268	266	267	269	267	268	270	268	268	268	267	266						
35	255	253	254	256	254	255	257	254	255	256	254	253						
40	240	238	238	241	239	240	243	239	240	241	238	238						
45	223	221	222	225	222	224	226	222	223	224	221	221						
50	204	202	203	206	203	205	207	203	204	205	202	202						
55	184	181	182	186	182	184	186	182	184	185	181	181						
60	162	159	160	164	159	162	164	160	161	162	158	158						
65	138	135	136	140	136	138	141	136	138	139	135	135						
70	114	109	112	114	111	112	115	111	111	114	109	110						
75	89.3	85.0	87.0	90.1	86.7	87.8	90.4	86.4	86.9	89.7	84.3	85.8						
80	65.5	61.3	62.9	66.5	62.5	64.2	66.7	61.9	63.0	65.8	60.7	61.6						
85	44.0	40.3	41.5	45.5	40.9	42.9	45.5	40.3	41.8	44.1	39.7	40.5						
90	30.9	26.7	28.0	31.3	26.8	28.1	31.3	26.7	28.0	30.9	26.3	27.7						
95	30.1	26.3	27.6	30.8	26.5	27.6	30.8	26.4	27.7	30.6	26.0	27.3						
100	29.3	25.8	27.2	30.4	26.0	27.2	30.4	25.9	27.2	30.1	25.6	26.7						
105	28.6	25.1	26.6	29.6	25.4	26.5	29.7	25.3	26.5	29.4	24.9	26.1						
110	27.5	24.4	25.7	27.9	24.4	25.3	28.7	24.4	25.6	28.3	23.9	25.1						
115	24.7	23.2	24.2	25.1	23.2	23.7	27.4	23.3	24.5	26.8	22.7	23.6						
120	21.9	20.3	21.1	22.4	21.8	22.1	25.5	22.0	23.1	24.7	21.4	22.0						
125	19.9	17.1	17.9	20.9	20.4	20.5	23.2	20.1	21.1	22.3	19.9	20.4						
130	18.4	14.2	15.1	19.4	18.8	18.9	20.6	17.9	18.7	19.7	18.3	18.7						
135	16.8	13.0	13.9	17.6	17.1	17.2	17.7	15.5	16.2	17.4	16.7	17.0						
140	15.0	11.8	12.5	15.7	15.3	15.4	15.2	12.8	13.4	15.1	14.9	15.2						
145	13.1	10.3	11.0	13.7	13.3	13.4	12.9	10.4	11.0	13.1	13.0	13.2						
150	11.1	8.81	9.36	11.6	11.3	11.4	10.8	8.33	8.90	11.0	11.0	11.1						
155	9.03	7.28	7.70	9.39	9.22	9.31	8.75	6.75	7.12	8.90	8.99	8.97						
160	6.87	5.72	6.00	7.14	7.19	7.23	6.73	5.28	5.48	6.82	7.00	6.93						
165	4.82	4.32	4.45	4.95	5.25	5.24	4.81	3.92	4.00	4.88	5.11	5.05						
170	3.22	3.12	3.13	3.20	3.51	3.49	3.10	2.75	2.74	3.14	3.46	3.35						
175	2.11	2.16	2.13	2.01	2.20	2.20	1.91	1.92	1.87	1.94	2.19	2.12						
180	1.96	1.96	1.88	1.90	1.98	1.95	1.96	1.96	1.88	1.90	1.98	1.95						

**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:**