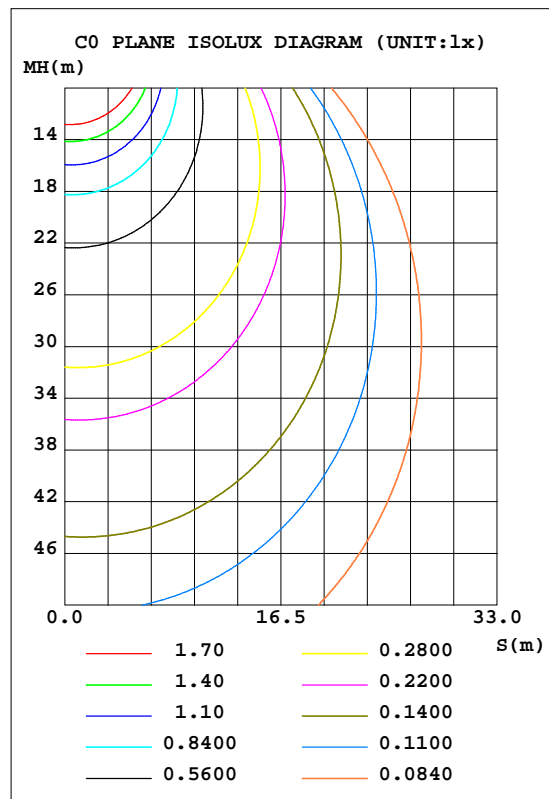
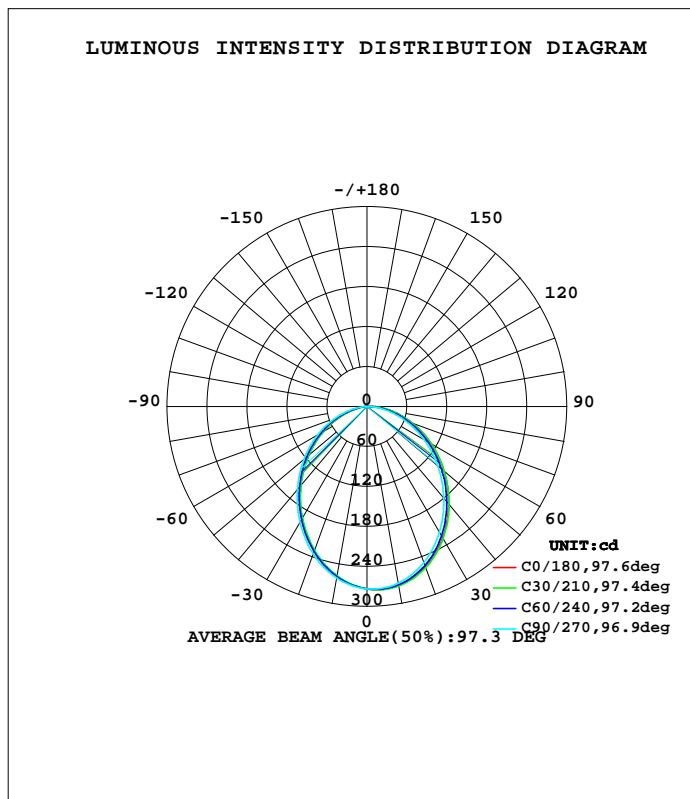


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.14 lm/W			
MODEL	5RS023-4000K	I <sub>max</sub> (cd)	275.7	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	667.87	h UP, DN(C0-180)	0.2, 51.6
NOMINAL FLUX(lm)	667.866	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2, 48.1
LAMPS INSIDE	1	h up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.3	h down(%)	99.7	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	272.9	272.8	269.3	262.8	258.8	258.6	261.6	268.3	0- 10	25.74	25.74	3.85,3.85
20	256.4	256.2	249.3	237.8	230.8	230.6	235.8	248.0	10- 20	72.06	97.80	14.6,14.6
30	227.5	226.8	217.7	203.0	194.6	194.7	201.1	216.7	20- 30	104.8	202.6	30.3,30.3
40	190.9	189.6	179.5	163.4	154.8	155.5	162.7	179.6	30- 40	119.8	322.3	48.3,48.3
50	151.2	149.2	138.7	122.9	114.6	116.0	123.8	140.4	40- 50	117.4	439.7	65.8,65.8
60	111.1	108.5	98.33	83.12	75.62	77.67	85.75	101.4	50- 60	100.4	540.1	80.9,80.9
70	72.17	69.31	59.65	45.94	38.66	42.17	49.99	64.05	60- 70	72.96	613.0	91.8,91.8
80	35.62	33.90	25.73	14.84	10.06	13.03	19.44	30.20	70- 80	40.58	653.6	97.9,97.9
90	8.054	6.281	1.328	0.0809	0.0786	0.0707	0.0895	4.746	80- 90	12.06	665.7	99.7,99.7
100	0.0921	0.0799	0.0868	0.0964	0.1270	0.0984	0.0806	0.0840	90-100	0.5874	666.3	99.8,99.8
110	0.1026	0.1198	0.1468	0.1710	0.2008	0.1711	0.1486	0.1306	100-110	0.1236	666.4	99.8,99.8
120	0.1833	0.1937	0.2355	0.2519	0.2722	0.2459	0.2107	0.1991	110-120	0.1839	666.6	99.8,99.8
130	0.2720	0.2840	0.3222	0.3420	0.3627	0.3289	0.2912	0.2830	120-130	0.2397	666.8	99.8,99.8
140	0.3627	0.3750	0.4090	0.4323	0.4475	0.4273	0.3965	0.3857	130-140	0.2752	667.1	99.9,99.9
150	0.4534	0.4690	0.4957	0.5131	0.5380	0.5103	0.4957	0.4820	140-150	0.2830	667.4	99.9,99.9
160	0.5416	0.5595	0.5763	0.5785	0.6045	0.5870	0.5763	0.5648	150-160	0.2472	667.6	100,100
170	0.5961	0.5988	0.6042	0.6293	0.6528	0.6473	0.6134	0.6256	160-170	0.1698	667.8	100,100
180	0.6287	0.6209	0.6383	0.6375	0.6348	0.6271	0.6445	0.6375	170-180	0.0601	667.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

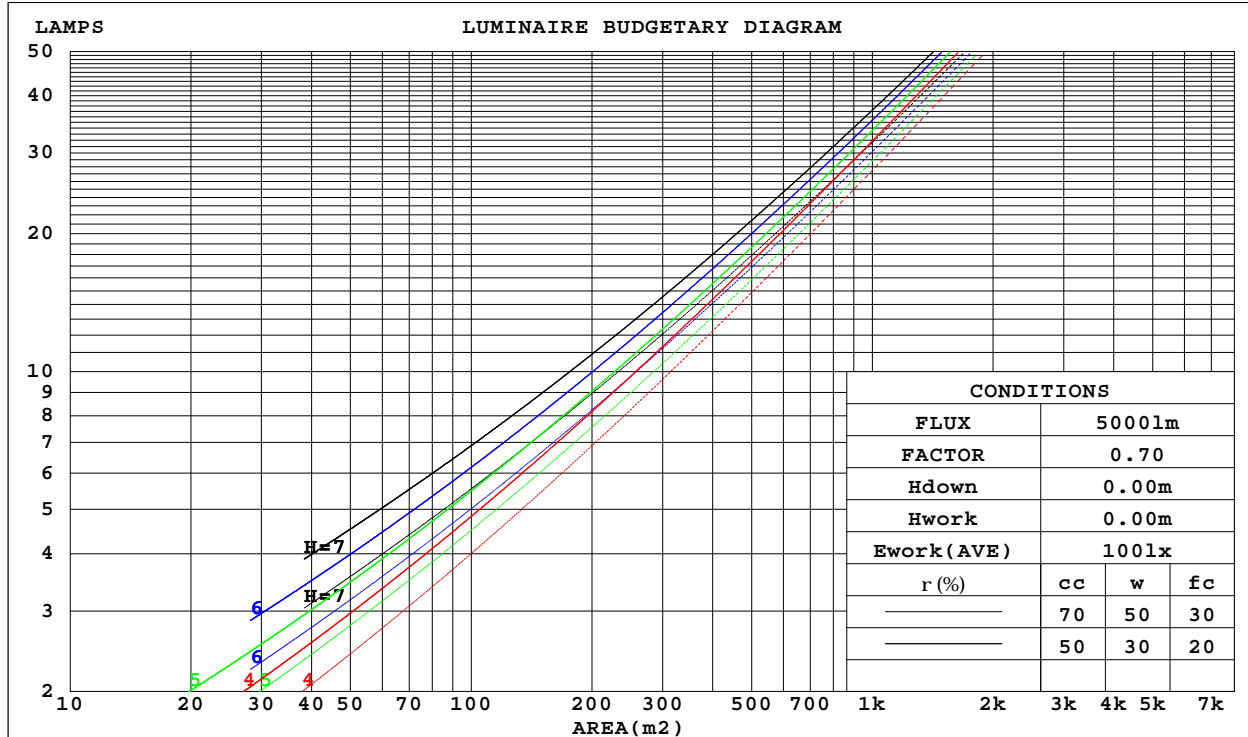
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.77	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.63	.58	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.35
8.0	.49	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.298	.169	.054	.291	.166	.053	.277	.159	.051	.265	.153	.049	.254	.147	.047	
2.0	.281	.154	.047	.274	.151	.047	.262	.146	.045	.252	.141	.044	.242	.137	.043	
3.0	.260	.139	.041	.255	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039	
4.0	.241	.125	.037	.236	.124	.037	.227	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.208	.104	.030	.204	.103	.030	.196	.101	.029	.190	.099	.029	.183	.096	.029	
7.0	.194	.096	.027	.190	.095	.027	.184	.093	.027	.178	.091	.026	.172	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.162	.083	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.148	.074	.021	.144	.073	.021	

rcc	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.182	.159	.138	.156	.136	.119	.106	.094	.082	.061	.054	.048	.020	.017	.015	
2.0	.173	.134	.102	.148	.116	.088	.102	.080	.061	.059	.047	.036	.019	.015	.012	
3.0	.165	.117	.078	.142	.101	.068	.097	.070	.048	.056	.041	.028	.018	.013	.009	
4.0	.157	.103	.062	.135	.089	.054	.093	.062	.038	.054	.036	.022	.017	.012	.007	
5.0	.150	.093	.051	.129	.080	.044	.089	.056	.031	.051	.033	.018	.017	.011	.006	
6.0	.143	.084	.043	.123	.073	.037	.085	.051	.026	.049	.030	.016	.016	.010	.005	
7.0	.136	.077	.036	.117	.067	.032	.081	.047	.023	.047	.028	.013	.015	.009	.004	
8.0	.130	.072	.032	.112	.062	.028	.077	.044	.020	.045	.026	.012	.015	.008	.004	
9.0	.124	.067	.028	.107	.058	.025	.074	.041	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.025	.102	.054	.022	.071	.038	.016	.041	.023	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm										
NAME: 5RS023-4000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:001		
MFR.: Suzhou Radiant Lighting Technology Co.,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	28.2	29.7	28.5	29.9	30.1	27.7	29.1	27.9	29.3	29.6
3H	29.8	31.2	30.1	31.4	31.7	29.1	30.4	29.4	30.7	30.9
4H	30.5	31.8	30.9	32.1	32.3	29.6	30.9	29.9	31.2	31.4
6H	31.1	32.3	31.5	32.6	32.9	30.0	31.2	30.4	31.5	31.8
8H	31.4	32.5	31.7	32.8	33.1	30.2	31.3	30.5	31.6	31.9
12H	31.6	32.7	31.9	33.0	33.3	30.3	31.4	30.6	31.7	32.0
4H 2H	28.8	30.1	29.1	30.3	30.6	28.4	29.6	28.7	29.9	30.2
3H	30.6	31.7	31.0	32.0	32.3	30.0	31.1	30.3	31.4	31.7
4H	31.5	32.5	31.8	32.8	33.2	30.7	31.7	31.0	32.0	32.4
6H	32.2	33.1	32.6	33.5	33.9	31.2	32.1	31.6	32.5	32.9
8H	32.5	33.4	32.9	33.7	34.1	31.4	32.3	31.8	32.6	33.0
12H	32.8	33.6	33.2	34.0	34.4	31.6	32.3	32.0	32.7	33.1
8H 4H	31.7	32.6	32.2	33.0	33.3	31.0	31.9	31.5	32.3	32.6
6H	32.7	33.4	33.1	33.8	34.2	31.8	32.5	32.2	32.9	33.3
8H	33.1	33.7	33.6	34.2	34.6	32.1	32.7	32.6	33.1	33.6
12H	33.5	34.1	34.0	34.5	35.0	32.3	32.9	32.8	33.3	33.8
12H 4H	31.8	32.5	32.2	32.9	33.3	31.1	31.9	31.5	32.3	32.7
6H	32.8	33.4	33.2	33.8	34.3	31.9	32.5	32.4	33.0	33.4
8H	33.2	33.8	33.7	34.2	34.7	32.3	32.8	32.8	33.3	33.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 667.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

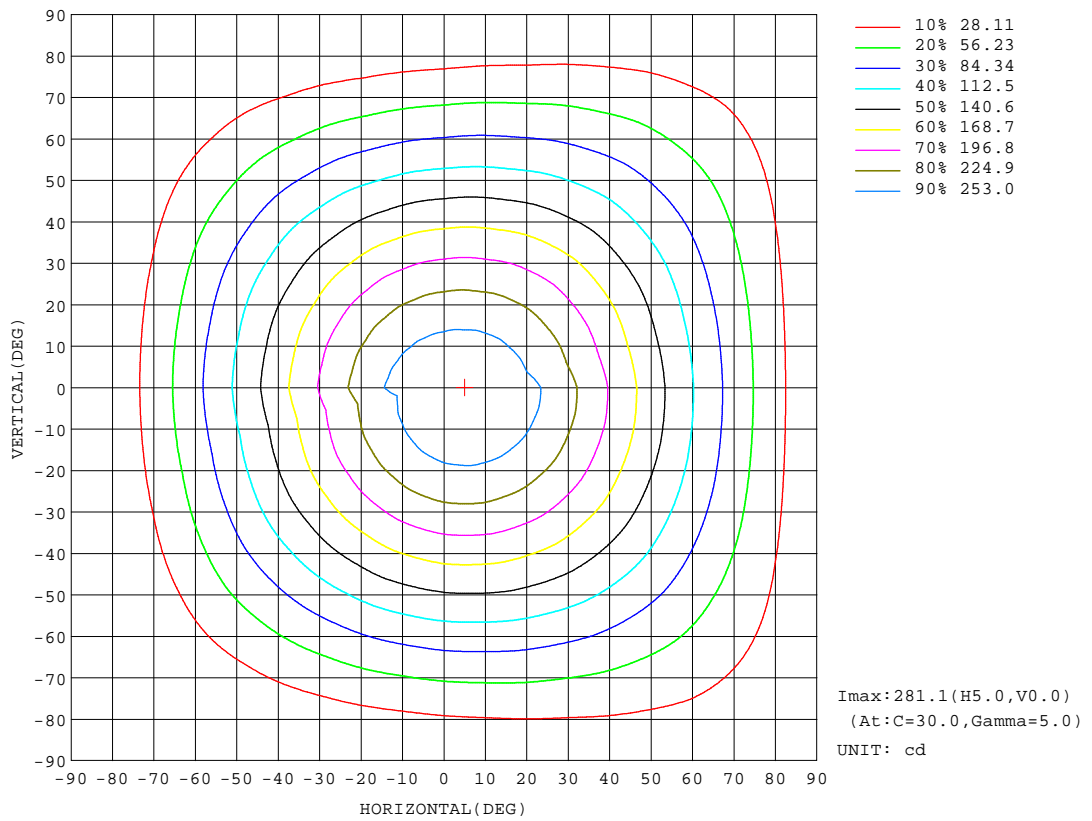
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	60	48	42	59	48	42	58	48	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	67	60	77	67	60	74	68	59	52
1.25	85	75	68	83	74	67	81	72	67	59
1.50	90	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	84	79	72
2.50	100	92	87	98	91	86	94	88	84	76
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	101	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



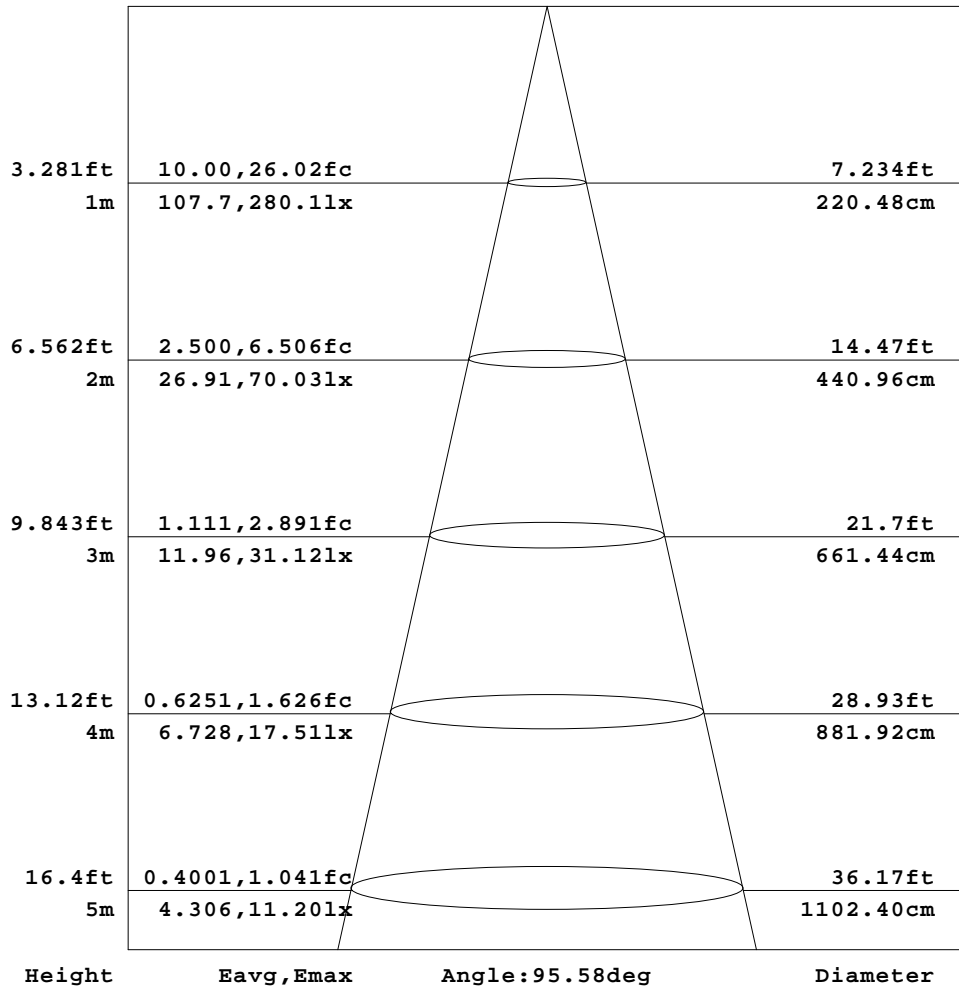
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2018-09-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
Humidity:65.0%  
Test Distance:8.989m [K=1.0000]  
Remarks:

AAI Figure

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Flux out:417.2 lm



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

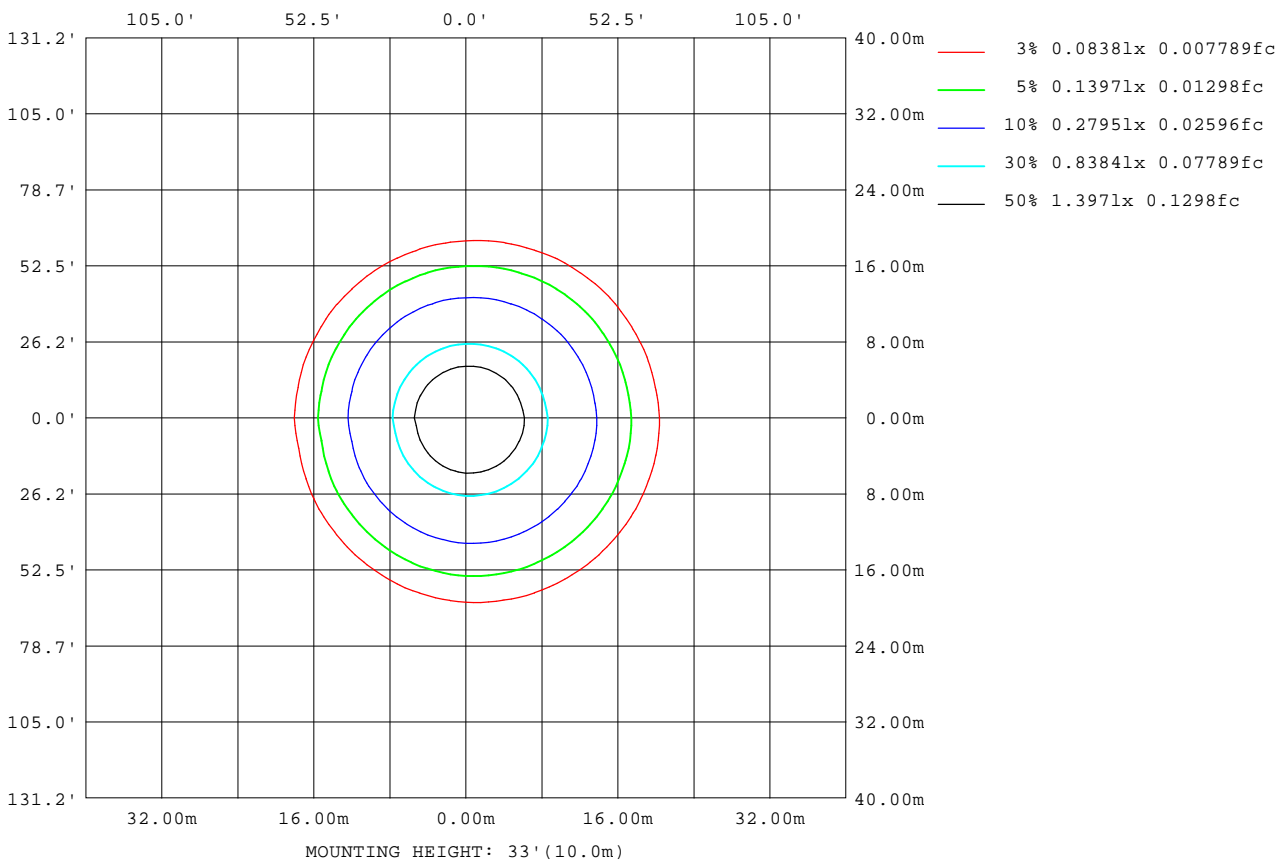
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

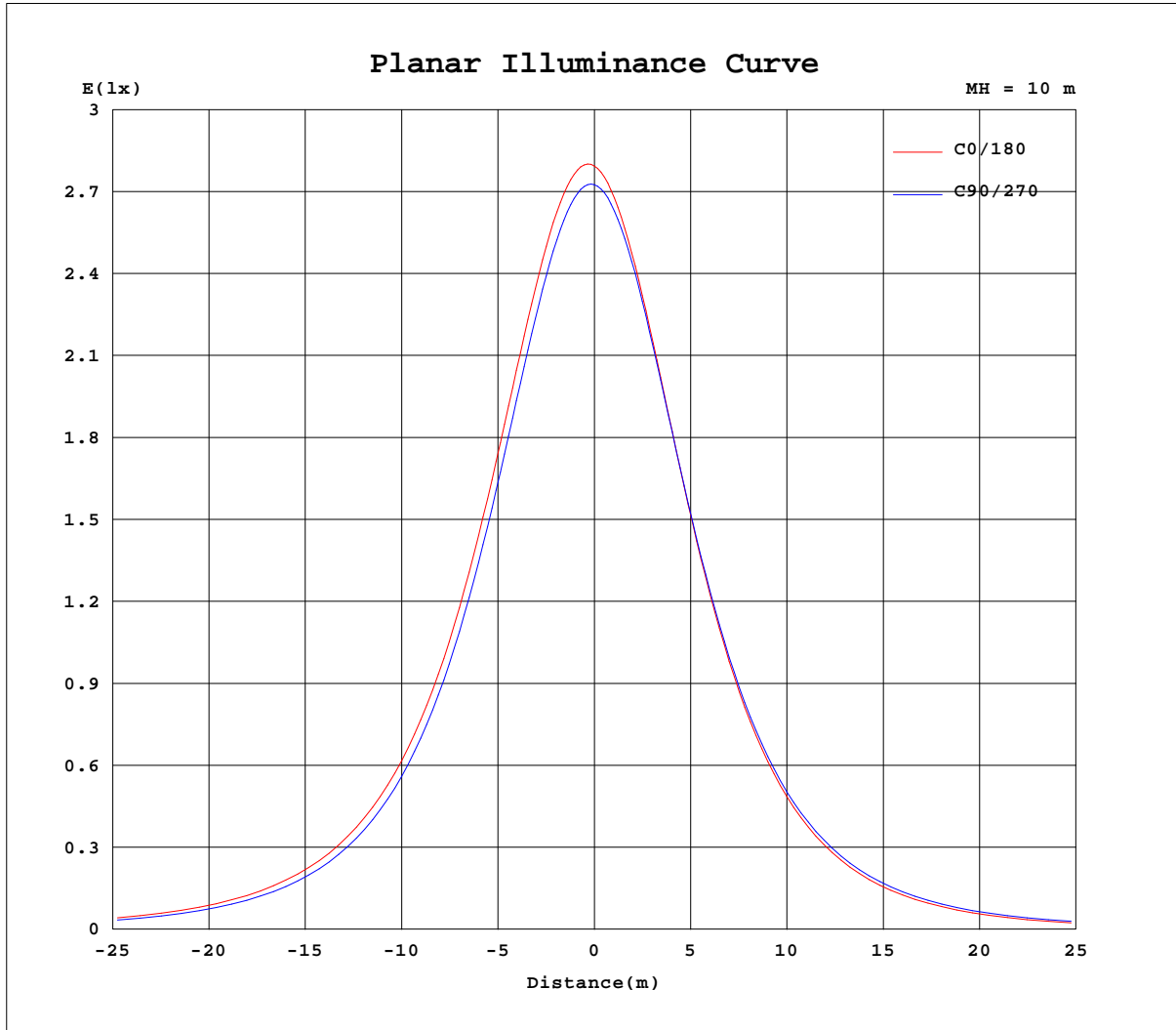
Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2018-09-21

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2018-09-21

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C( DEG) g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274
5	275	276	276	276	275	275	275	275	274	274	273	272	271	271	270	269	269	268	268
10	273	274	273	274	273	273	272	271	270	269	268	267	265	264	262	261	260	259	259
15	266	267	267	267	267	266	265	264	262	261	259	257	255	253	251	249	248	246	246
20	256	258	257	258	256	256	254	253	251	249	247	244	241	239	236	235	233	231	231
25	243	245	244	245	243	242	240	239	237	235	231	229	225	223	220	218	215	214	213
30	228	229	229	229	227	226	224	223	220	218	214	212	207	205	201	199	197	195	195
35	210	211	211	211	209	208	206	204	201	199	195	193	188	185	182	180	177	175	175
40	191	192	192	192	190	189	186	185	182	179	176	173	168	165	162	160	157	155	155
45	171	173	172	172	170	169	166	165	162	159	155	152	148	145	141	139	136	135	135
50	151	152	152	152	150	149	146	144	141	139	135	132	128	125	121	119	116	114	115
55	131	132	131	131	129	128	126	124	121	118	115	112	107	104	101	99.1	96.4	94.7	94.8
60	111	112	111	111	109	108	105	104	101	98.3	94.7	91.8	87.6	84.7	81.5	79.6	77.0	75.4	75.6
65	91.3	92.3	91.4	91.1	89.2	88.0	85.5	83.8	81.0	78.6	75.1	72.3	68.4	65.6	62.6	60.8	58.3	56.7	57.0
70	72.2	72.9	72.0	71.7	69.9	68.7	66.2	64.6	61.9	59.7	56.3	53.7	50.0	47.5	44.4	42.1	39.6	38.3	38.7
75	53.8	54.5	53.6	53.2	51.5	50.3	48.0	46.5	43.9	41.8	38.8	36.4	33.1	30.6	27.5	25.8	23.6	22.6	23.0
80	35.6	36.5	36.1	36.0	34.5	33.4	31.3	29.8	27.6	25.7	23.1	21.0	18.2	16.1	13.6	12.1	10.5	9.75	10.1
85	20.1	20.8	20.4	20.5	19.4	18.4	16.6	15.4	13.4	11.9	9.64	7.97	5.78	4.34	2.90	2.18	1.20	0.68	0.91
90	8.05	8.40	7.96	7.66	6.69	5.88	4.55	3.64	2.34	1.33	0.16	0.07	0.07	0.07	0.09	0.07	0.11	0.08	0.08
95	0.27	0.23	0.22	0.16	0.12	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.07	0.09	0.08	0.10	0.09	0.10	0.10
100	0.09	0.07	0.09	0.09	0.07	0.09	0.07	0.09	0.07	0.09	0.07	0.10	0.07	0.11	0.08	0.12	0.09	0.13	0.13
105	0.08	0.10	0.08	0.10	0.07	0.11	0.08	0.11	0.07	0.12	0.09	0.14	0.11	0.14	0.12	0.16	0.12	0.17	0.16
110	0.10	0.13	0.09	0.14	0.10	0.14	0.10	0.14	0.11	0.15	0.12	0.16	0.16	0.18	0.16	0.19	0.17	0.20	0.20
115	0.16	0.17	0.14	0.17	0.14	0.17	0.15	0.18	0.18	0.19	0.17	0.20	0.18	0.21	0.19	0.23	0.20	0.24	0.24
120	0.18	0.21	0.18	0.21	0.17	0.22	0.18	0.22	0.19	0.24	0.19	0.24	0.22	0.25	0.25	0.27	0.25	0.28	0.27
125	0.24	0.26	0.22	0.26	0.22	0.25	0.22	0.26	0.24	0.28	0.26	0.29	0.26	0.30	0.29	0.32	0.30	0.33	0.32
130	0.27	0.30	0.26	0.29	0.27	0.30	0.27	0.30	0.27	0.32	0.30	0.33	0.32	0.35	0.34	0.36	0.36	0.37	0.36
135	0.31	0.34	0.31	0.33	0.31	0.34	0.31	0.35	0.32	0.36	0.35	0.37	0.37	0.40	0.37	0.40	0.39	0.42	0.39
140	0.36	0.39	0.36	0.40	0.36	0.39	0.36	0.40	0.38	0.41	0.38	0.42	0.40	0.45	0.42	0.46	0.45	0.46	0.45
145	0.41	0.43	0.40	0.43	0.41	0.44	0.40	0.44	0.41	0.46	0.45	0.47	0.47	0.48	0.47	0.50	0.47	0.51	0.50
150	0.45	0.48	0.46	0.48	0.46	0.48	0.46	0.50	0.48	0.50	0.48	0.52	0.49	0.52	0.50	0.54	0.52	0.55	0.54
155	0.50	0.52	0.49	0.52	0.49	0.52	0.49	0.55	0.52	0.55	0.54	0.56	0.53	0.55	0.55	0.57	0.56	0.58	0.57
160	0.54	0.56	0.55	0.55	0.56	0.56	0.54	0.59	0.57	0.58	0.58	0.59	0.57	0.59	0.57	0.60	0.58	0.60	0.60
165	0.58	0.60	0.56	0.60	0.58	0.60	0.57	0.60	0.59	0.60	0.59	0.62	0.60	0.62	0.60	0.62	0.60	0.64	0.63
170	0.60	0.62	0.59	0.61	0.59	0.61	0.59	0.62	0.61	0.60	0.61	0.64	0.62	0.64	0.62	0.64	0.63	0.65	0.65
175	0.64	0.63	0.60	0.61	0.59	0.62	0.60	0.62	0.61	0.61	0.63	0.62	0.63	0.62	0.64	0.63	0.63	0.64	0.65
180	0.63	0.63	0.63	0.64	0.61	0.63	0.63	0.65	0.63	0.64	0.63	0.63	0.62	0.63	0.64	0.63	0.63	0.63	0.63

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.0299A P:6.119W PF:0.8880 Lamp Flux:667.866x1 lm		
NAME: 5RS023-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274		
5	268	268	268	268	268	268	269	269	270	270	271	272	273	274	274	275	275		
10	258	258	258	259	259	259	260	261	262	263	264	266	267	269	270	272	273		
15	245	245	245	246	246	247	248	249	250	252	254	257	259	261	263	265	266		
20	230	230	230	231	231	232	233	235	236	238	240	244	246	250	252	254	256		
25	212	213	212	213	213	215	216	218	219	222	225	228	232	235	238	241	243		
30	193	194	194	195	195	197	197	199	201	204	207	211	215	219	221	225	227		
35	174	174	174	175	175	177	178	180	182	186	188	193	196	201	204	208	210		
40	154	154	154	155	156	158	158	161	163	166	169	174	177	182	185	189	191		
45	134	134	134	135	136	138	139	141	143	147	150	154	158	162	165	169	171		
50	114	114	114	116	116	118	119	122	124	127	130	135	138	143	145	149	151		
55	93.9	94.7	94.7	96.2	96.9	99.0	100	103	105	108	111	115	119	123	125	129	131		
60	74.7	75.6	75.7	77.3	78.0	80.2	81.3	83.9	85.7	89.2	91.8	96.3	99.4	103	106	109	111		
65	56.3	57.3	57.4	59.1	59.8	62.0	63.0	65.7	67.5	70.9	73.4	77.6	80.6	84.4	86.5	89.8	91.5		
70	38.3	39.7	40.2	41.8	42.5	44.7	45.7	48.3	50.0	53.2	55.6	59.5	62.3	65.8	67.7	70.8	72.3		
75	22.7	23.9	24.4	26.2	26.9	28.9	29.9	32.2	33.8	36.7	38.9	42.5	45.0	48.2	49.9	52.6	54.0		
80	10.0	11.0	11.3	12.7	13.4	15.1	16.0	18.0	19.4	22.0	23.9	27.0	29.0	31.4	32.4	34.6	35.8		
85	0.73	1.18	1.38	2.26	2.75	3.98	4.70	6.20	7.30	9.33	10.8	13.4	14.9	16.7	17.7	19.4	20.3		
90	0.10	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.36	1.33	2.94	4.02	5.47	6.19	7.53	8.17		
95	0.09	0.10	0.07	0.09	0.07	0.09	0.07	0.08	0.09	0.07	0.08	0.07	0.07	0.08	0.12	0.17	0.26		
100	0.10	0.12	0.09	0.12	0.08	0.12	0.07	0.12	0.08	0.11	0.08	0.09	0.07	0.09	0.08	0.08	0.09		
105	0.15	0.15	0.13	0.14	0.10	0.15	0.11	0.14	0.10	0.12	0.10	0.12	0.08	0.12	0.08	0.11	0.08		
110	0.17	0.20	0.18	0.18	0.16	0.18	0.16	0.17	0.15	0.16	0.13	0.15	0.11	0.15	0.11	0.14	0.11		
115	0.20	0.23	0.20	0.22	0.18	0.22	0.18	0.20	0.17	0.20	0.17	0.19	0.15	0.18	0.17	0.17	0.14		
120	0.26	0.28	0.24	0.26	0.23	0.26	0.22	0.25	0.21	0.24	0.20	0.22	0.18	0.22	0.17	0.21	0.18		
125	0.28	0.32	0.28	0.29	0.26	0.31	0.26	0.28	0.25	0.28	0.25	0.25	0.23	0.26	0.22	0.24	0.21		
130	0.35	0.35	0.32	0.34	0.31	0.34	0.30	0.33	0.29	0.32	0.29	0.30	0.27	0.30	0.27	0.28	0.26		
135	0.37	0.40	0.38	0.38	0.36	0.39	0.36	0.37	0.37	0.37	0.33	0.34	0.32	0.34	0.31	0.33	0.30		
140	0.44	0.45	0.42	0.44	0.41	0.44	0.39	0.42	0.40	0.43	0.37	0.39	0.38	0.39	0.37	0.38	0.37		
145	0.47	0.50	0.46	0.48	0.47	0.49	0.46	0.47	0.46	0.48	0.43	0.45	0.42	0.44	0.40	0.43	0.41		
150	0.52	0.54	0.50	0.52	0.50	0.54	0.50	0.52	0.50	0.52	0.47	0.50	0.47	0.49	0.47	0.47	0.47		
155	0.55	0.58	0.55	0.56	0.56	0.57	0.56	0.57	0.57	0.56	0.51	0.53	0.51	0.54	0.49	0.52	0.50		
160	0.58	0.60	0.58	0.60	0.57	0.60	0.57	0.60	0.58	0.60	0.56	0.57	0.56	0.57	0.55	0.56	0.54		
165	0.61	0.64	0.61	0.63	0.60	0.63	0.61	0.63	0.60	0.62	0.59	0.61	0.58	0.61	0.58	0.60	0.57		
170	0.64	0.66	0.64	0.65	0.65	0.65	0.63	0.64	0.61	0.63	0.60	0.64	0.62	0.64	0.62	0.63	0.61		
175	0.65	0.66	0.66	0.64	0.65	0.63	0.64	0.64	0.64	0.63	0.61	0.65	0.63	0.64	0.65	0.64	0.64		
180	0.64	0.64	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.63	0.62	0.63	0.63	0.64	0.63	0.63	0.63		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-21

g Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks: