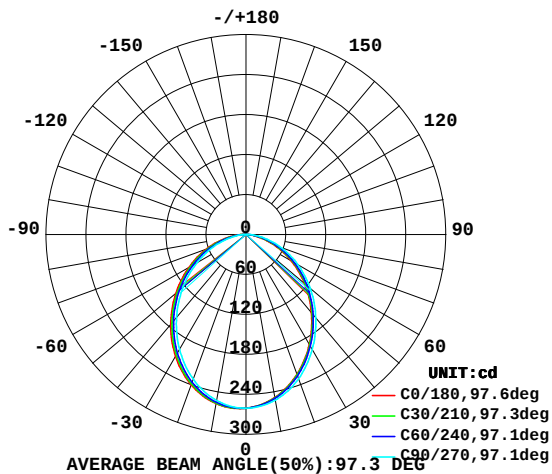


LUMINAIRE PHOTOMETRIC TEST REPORT

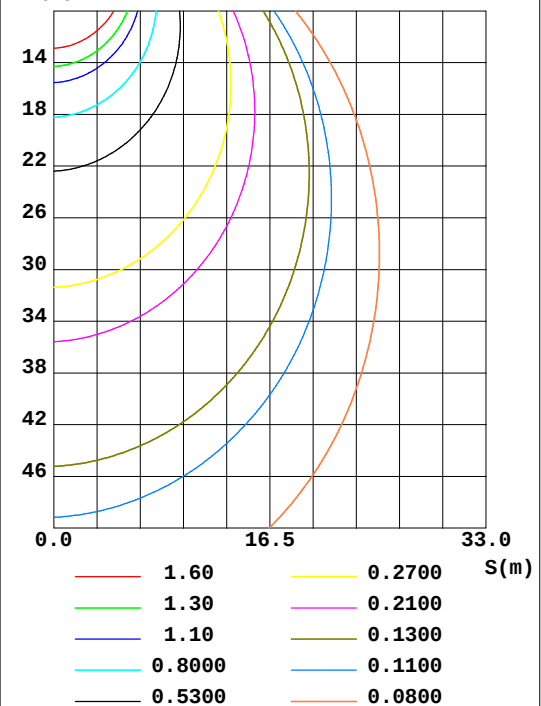
Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.11 lm/W			
MODEL	5RS023-6000K	I _{max} (cd)	261.4	S/MH(C0/180)	1.10
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	633.44	h UP, DN(C0-180)	0.1, 49.2
NOMINAL FLUX(lm)	633.441	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.1, 50.6
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_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	248.5	249.4	252.6	254.4	257.8	256.5	253.1	251.7	0- 10	24.52	24.52	3.87, 3.87
20	223.6	225.0	230.7	234.1	240.3	237.6	231.4	229.0	10- 20	68.61	93.13	14.7, 14.7
30	190.3	192.2	199.2	203.7	211.4	207.6	199.5	196.6	20- 30	99.70	192.8	30.4, 30.4
40	153.0	155.6	163.2	167.9	175.8	171.3	162.4	159.4	30- 40	113.9	306.7	48.4, 48.4
50	115.0	118.3	126.1	130.5	137.5	132.6	123.5	120.7	40- 50	111.5	418.2	66, 66
60	78.02	81.91	89.77	93.34	99.18	93.99	85.15	82.84	50- 60	95.34	513.6	81.1, 81.1
70	43.32	47.64	55.15	57.74	62.38	57.18	49.05	47.17	60- 70	69.23	582.8	92, 92
80	14.17	18.40	24.51	25.35	28.94	24.93	18.38	16.45	70- 80	38.24	621.1	98, 98
90	0.0908	0.0800	2.197	2.734	4.296	1.522	0.0809	0.0871	80- 90	10.63	631.7	99.7, 99.7
100	0.0847	0.0892	0.0931	0.0870	0.0908	0.0830	0.0745	0.0939	90-100	0.2056	631.9	99.8, 99.8
110	0.1633	0.1659	0.1551	0.1348	0.1513	0.1291	0.1613	0.1611	100-110	0.1218	632.0	99.8, 99.8
120	0.2542	0.2489	0.2296	0.2206	0.2179	0.1992	0.1954	0.2269	110-120	0.1845	632.2	99.8, 99.8
130	0.3327	0.3196	0.3165	0.3014	0.2966	0.2850	0.2743	0.3107	120-130	0.2365	632.4	99.8, 99.8
140	0.4175	0.4027	0.3984	0.3946	0.3815	0.3780	0.3859	0.3947	130-140	0.2679	632.7	99.9, 99.9
150	0.4901	0.4917	0.4902	0.4754	0.4721	0.4764	0.4628	0.4860	140-150	0.2727	633.0	99.9, 99.9
160	0.5689	0.5704	0.5646	0.5531	0.5568	0.5549	0.5522	0.5625	150-160	0.2383	633.2	100, 100
170	0.6173	0.5876	0.6018	0.5863	0.6294	0.6024	0.5875	0.6007	160-170	0.1642	633.4	100, 100
180	0.6294	0.6147	0.6019	0.5966	0.6113	0.6147	0.5895	0.6090	170-180	0.0574	633.4	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

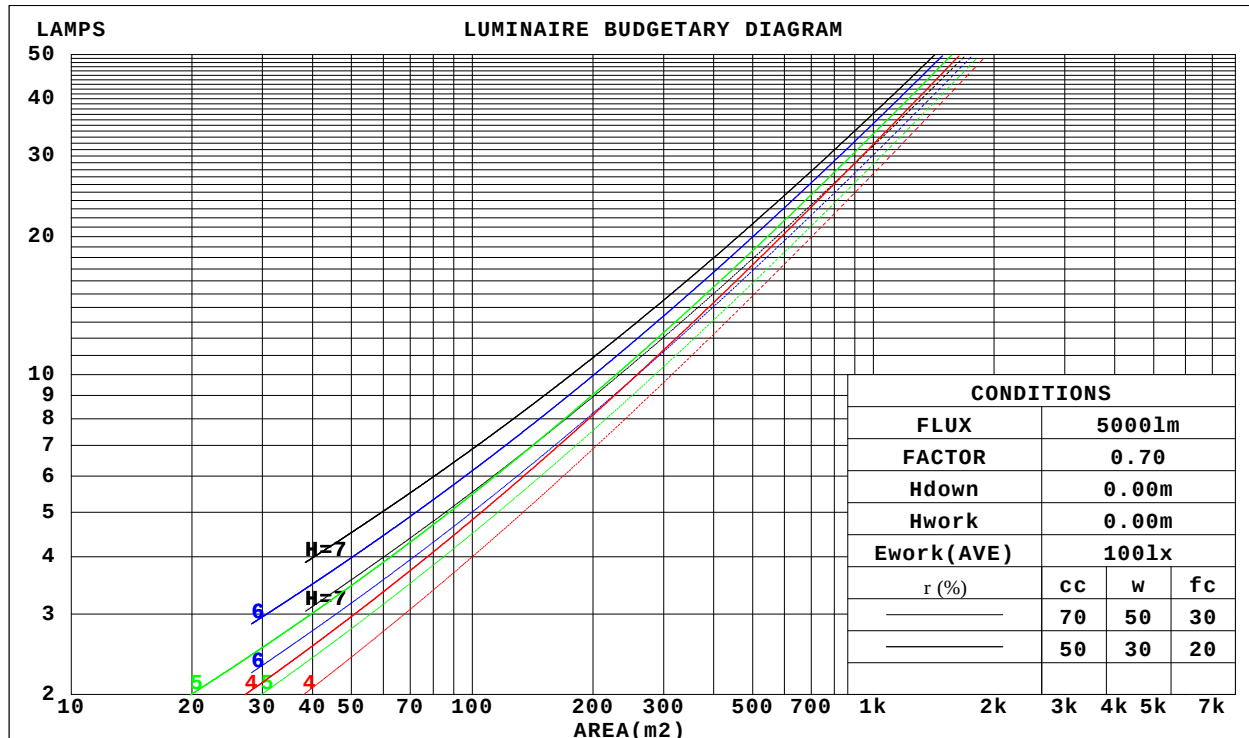
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.279
Humidity: 65.0%
Test Distance: 8.989m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co., Ltd	SUR.:	PROTECTION ANGLE:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	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	1.05	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.66	.63	.60
4.0	.72	.63	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.58	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.49	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.36
8.0	.49	.40	.35	.48	.40	.34	.47	.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	.31	.29
10.0	.41	.34	.28	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-20

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:

WEC AND CCEC

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.441x1 lm														
NAME: 5RS023-6000K							TYPE:				WEIGHT:			
SPEC.:							DIM.:				SERIAL No.:001			
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd							SUR.:				PROTECTION ANGLE:			

RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.296	.168	.053	.289	.165	.052	.276	.158	.051	.263	.152	.049	.252	.146	.047	
2.0	.280	.153	.047	.273	.151	.046	.262	.146	.045	.251	.141	.044	.241	.136	.043	
3.0	.260	.138	.041	.254	.136	.041	.244	.132	.040	.234	.128	.039	.225	.125	.039	
4.0	.240	.125	.037	.236	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.210	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.096	.027	.190	.095	.027	.183	.093	.027	.177	.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	.081	.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	

RCR	80%			70%			50%			30%			10%			0
RCR	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
RCR	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.181	.158	.138	.155	.136	.118	.106	.094	.082	.061	.054	.048	.020	.017	.015	
2.0	.173	.134	.102	.148	.115	.088	.101	.080	.061	.058	.046	.036	.019	.015	.012	
3.0	.165	.116	.078	.141	.100	.068	.097	.070	.047	.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	.149	.092	.050	.128	.080	.044	.088	.056	.031	.051	.033	.018	.016	.011	.006	
6.0	.142	.084	.042	.122	.073	.037	.084	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.136	.077	.036	.117	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.062	.027	.077	.043	.019	.045	.026	.012	.014	.008	.004	
9.0	.123	.066	.028	.106	.058	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.025	.101	.054	.022	.070	.038	.016	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2018-09-20

g Range: 0 - 180DEG
 g 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:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm											
NAME: 5RS023-6000K					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	26.3	27.8	26.6	28.0	28.2	26.7	28.1	26.9	28.3	28.6	
	3H	27.5	28.9	27.8	29.1	29.3	28.1	29.4	28.4	29.7	29.9
	4H	27.9	29.2	28.2	29.5	29.7	28.7	30.0	29.0	30.2	30.5
	6H	28.2	29.4	28.5	29.6	29.9	29.1	30.3	29.5	30.6	30.9
	8H	28.2	29.4	28.5	29.6	29.9	29.3	30.4	29.6	30.7	31.0
	12H	28.2	29.3	28.5	29.6	29.9	29.4	30.5	29.7	30.8	31.1
4H	2H	26.9	28.2	27.2	28.4	28.7	27.2	28.4	27.5	28.7	29.0
	3H	28.2	29.4	28.6	29.7	30.0	28.7	29.9	29.1	30.2	30.5
	4H	28.8	29.8	29.1	30.1	30.5	29.4	30.5	29.8	30.8	31.1
	6H	29.1	30.0	29.5	30.4	30.7	30.0	30.9	30.4	31.3	31.6
	8H	29.2	30.0	29.6	30.4	30.8	30.2	31.1	30.6	31.4	31.8
	12H	29.2	30.0	29.6	30.4	30.8	30.4	31.2	30.8	31.6	32.0
8H	4H	29.0	29.9	29.4	30.2	30.6	29.6	30.5	30.0	30.8	31.2
	6H	29.5	30.2	29.9	30.6	31.0	30.3	31.0	30.8	31.4	31.9
	8H	29.6	30.2	30.1	30.6	31.1	30.6	31.2	31.1	31.7	32.1
	12H	29.6	30.2	30.1	30.6	31.1	30.8	31.4	31.3	31.8	32.3
12H	4H	29.0	29.8	29.4	30.2	30.6	29.6	30.4	30.0	30.8	31.2
	6H	29.5	30.1	30.0	30.6	31.0	30.3	31.0	30.8	31.4	31.8
	8H	29.7	30.2	30.2	30.7	31.1	30.7	31.2	31.1	31.6	32.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 633.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.6)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180DEG
g 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:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

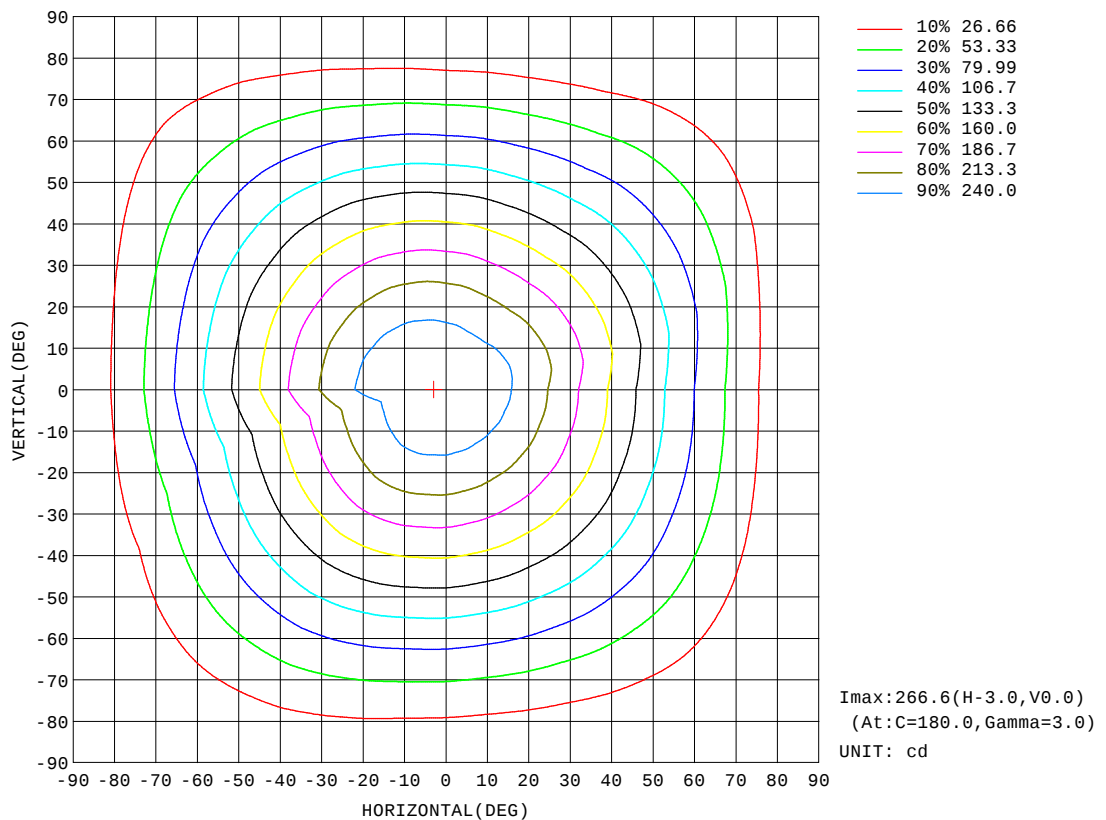
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	70	59	51	69	58	51	67	57	51	44
1.00	78	67	60	77	67	60	75	68	59	53
1.25	85	75	68	83	74	68	81	73	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	92	87	98	91	86	94	88	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	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: 2018-09-20

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.279
 Humidity: 65.0%
 Test Distance: 8.989m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



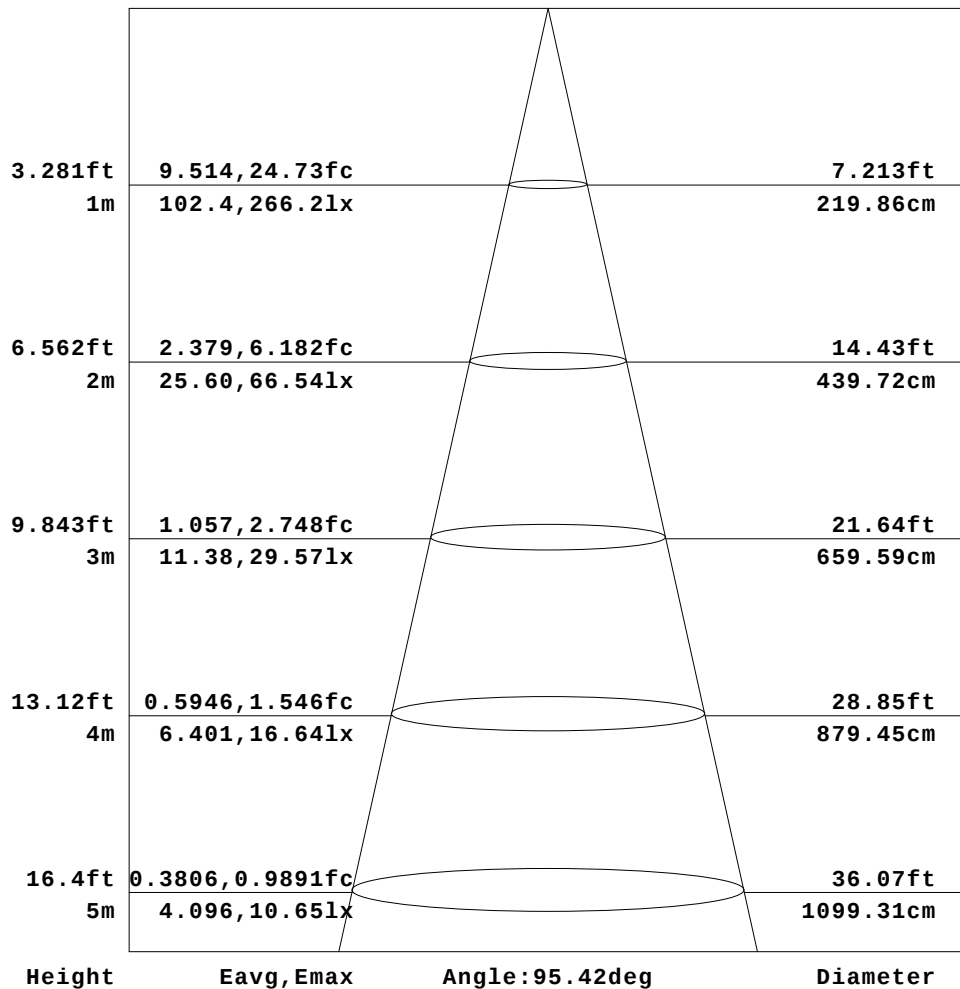
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-20

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:8.989m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Flux out:396.8 lm



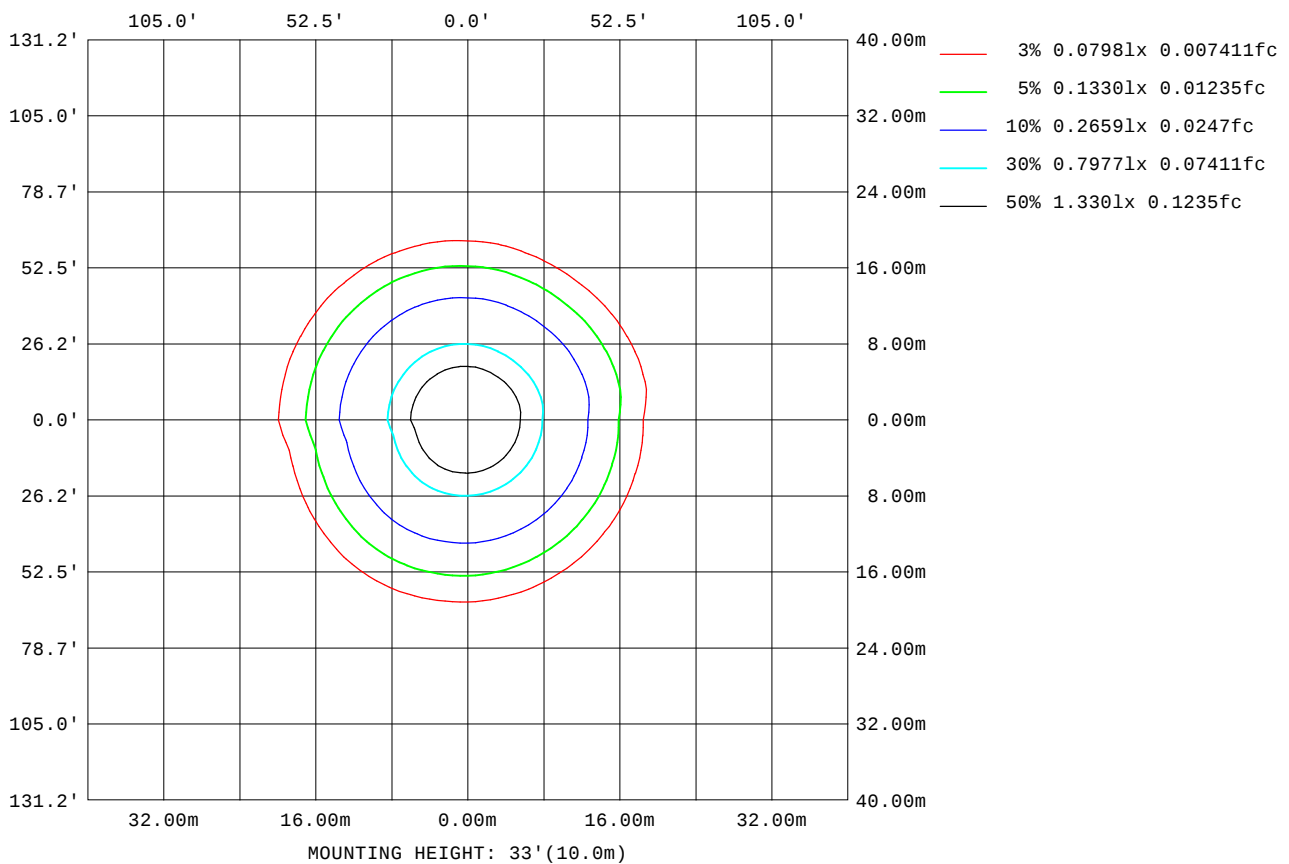
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.279
Humidity: 65.0%
Test Distance: 8.989m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

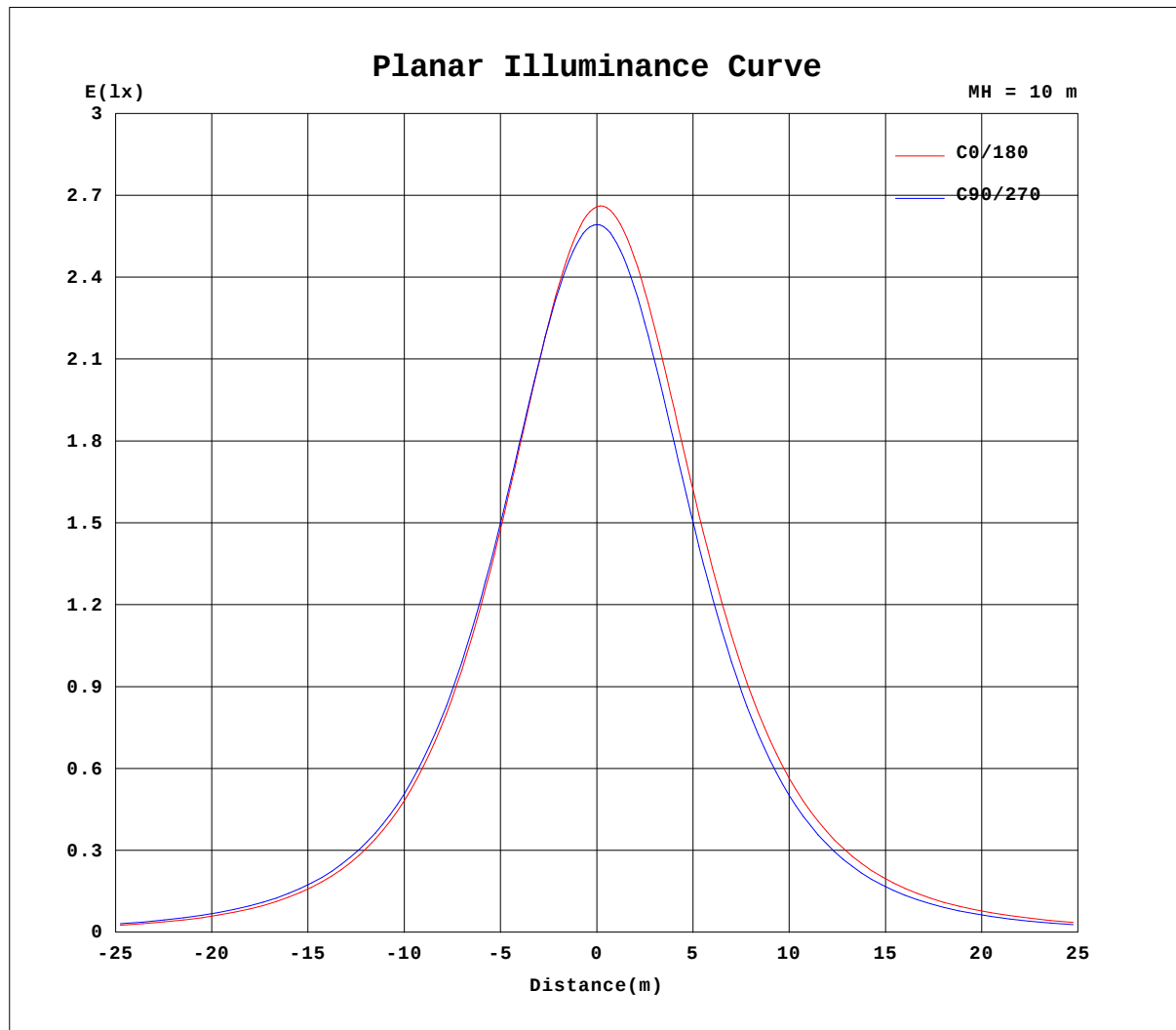
Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm		
NAME: 5RS023-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_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: 2018-09-20

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.279
Humidity: 65.0%
Test Distance: 8.989m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm																	
NAME: 5RS023-6000K									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:001		
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd									SUR.:						PROTECTION ANGLE:		

Table--1
UNIT: cd

C(°) g (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261
5	256	256	256	257	257	257	257	258	258	259	259	259	260	260	259	259	259	259	261
10	248	249	249	249	249	250	250	251	252	253	253	254	255	255	254	253	253	253	258
15	237	238	237	238	238	239	239	241	242	243	244	245	246	246	245	244	244	244	251
20	224	224	224	224	224	226	226	228	229	231	232	234	234	235	233	232	231	231	240
25	208	208	208	209	209	210	210	212	214	216	217	219	220	221	219	218	217	217	227
30	190	191	190	192	192	193	193	195	197	199	200	203	204	205	203	202	200	200	211
35	172	172	172	173	173	175	175	177	179	181	183	186	187	187	185	184	182	182	194
40	153	154	153	155	155	156	157	159	161	163	165	167	169	169	167	165	164	164	176
45	134	135	135	136	136	138	138	141	142	145	146	149	150	150	148	147	145	145	157
50	115	116	116	117	118	119	120	122	124	126	127	130	131	132	129	128	126	126	137
55	96.3	97.1	97.2	98.7	99.1	101	102	104	105	108	109	112	113	113	111	109	107	107	118
60	78.0	78.9	79.1	80.6	81.1	82.7	83.6	85.8	87.4	89.8	91.0	93.4	94.5	94.5	92.1	90.4	88.4	88.1	99.2
65	60.3	61.2	61.5	63.0	63.6	65.2	66.1	68.3	69.8	72.1	73.2	75.5	76.5	76.5	74.0	72.2	70.2	69.8	80.5
70	43.3	44.4	44.8	46.3	46.9	48.4	49.4	51.5	52.9	55.1	56.1	58.2	59.1	59.0	56.5	54.8	52.7	52.2	62.4
75	27.5	28.8	29.4	30.8	31.4	32.9	33.8	35.7	37.1	39.1	40.0	41.9	42.6	42.4	39.6	37.5	35.3	34.9	45.2
80	14.2	15.3	15.9	17.1	17.7	19.1	19.9	21.6	22.8	24.5	25.3	26.9	27.2	26.6	24.2	22.4	20.5	20.1	28.9
85	3.76	4.39	4.78	5.76	6.26	7.35	8.04	9.44	10.4	11.9	12.5	13.7	13.9	13.3	11.3	9.87	8.59	8.36	15.1
90	0.09	0.08	0.08	0.07	0.09	0.07	0.12	0.64	1.32	2.20	2.58	3.40	3.64	3.35	2.12	1.21	0.35	0.25	4.30
95	0.08	0.09	0.08	0.09	0.07	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.08	0.09	0.08	0.08
100	0.08	0.12	0.08	0.11	0.07	0.10	0.08	0.10	0.07	0.09	0.08	0.09	0.08	0.09	0.08	0.10	0.09	0.11	0.09
105	0.12	0.15	0.10	0.14	0.10	0.14	0.10	0.13	0.09	0.13	0.08	0.12	0.08	0.12	0.09	0.13	0.09	0.13	0.12
110	0.16	0.18	0.16	0.17	0.17	0.17	0.15	0.17	0.17	0.16	0.16	0.15	0.11	0.15	0.12	0.16	0.15	0.17	0.15
115	0.19	0.21	0.18	0.21	0.18	0.22	0.18	0.20	0.17	0.20	0.17	0.19	0.17	0.18	0.17	0.20	0.18	0.20	0.17
120	0.25	0.26	0.24	0.25	0.25	0.25	0.21	0.24	0.20	0.23	0.20	0.22	0.19	0.24	0.20	0.24	0.20	0.25	0.22
125	0.28	0.30	0.28	0.29	0.27	0.30	0.27	0.28	0.28	0.28	0.24	0.26	0.26	0.27	0.25	0.29	0.26	0.29	0.25
130	0.33	0.35	0.32	0.34	0.30	0.34	0.30	0.32	0.28	0.32	0.27	0.31	0.29	0.32	0.29	0.33	0.30	0.34	0.30
135	0.37	0.40	0.37	0.38	0.36	0.39	0.36	0.36	0.37	0.37	0.35	0.36	0.32	0.35	0.34	0.37	0.36	0.37	0.33
140	0.42	0.44	0.40	0.42	0.39	0.42	0.38	0.41	0.38	0.40	0.37	0.41	0.37	0.40	0.39	0.41	0.38	0.43	0.38
145	0.46	0.49	0.45	0.46	0.45	0.46	0.42	0.45	0.42	0.45	0.41	0.45	0.41	0.44	0.42	0.45	0.44	0.45	0.44
150	0.49	0.52	0.48	0.50	0.47	0.51	0.47	0.49	0.46	0.49	0.47	0.48	0.47	0.48	0.47	0.50	0.47	0.50	0.47
155	0.54	0.55	0.54	0.53	0.51	0.55	0.52	0.53	0.54	0.52	0.48	0.52	0.49	0.52	0.50	0.54	0.50	0.53	0.52
160	0.57	0.58	0.56	0.58	0.56	0.58	0.57	0.56	0.56	0.56	0.57	0.56	0.53	0.55	0.55	0.57	0.55	0.57	0.56
165	0.59	0.60	0.59	0.59	0.57	0.59	0.57	0.59	0.57	0.60	0.57	0.59	0.57	0.58	0.57	0.59	0.57	0.59	0.59
170	0.62	0.63	0.59	0.60	0.57	0.60	0.58	0.60	0.58	0.60	0.58	0.59	0.58	0.59	0.58	0.59	0.58	0.59	0.63
175	0.60	0.61	0.60	0.60	0.58	0.61	0.58	0.60	0.59	0.60	0.60	0.60	0.58	0.59	0.60	0.60	0.59	0.59	0.62
180	0.63	0.63	0.62	0.62	0.61	0.62	0.60	0.60	0.59	0.60	0.60	0.60	0.59	0.60	0.60	0.60	0.60	0.60	0.61

C Range: 0 - 360°
C Interval: 10.0°
Test Speed: HIGH
Temperature: 25.3°
Operators: 01
Test Date: 2018-09-20

g Range: 0 - 180°
g Interval: 1.0°
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.279
Humidity: 65.0%
Test Distance: 8.989m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0314A P:6.457W PF:0.8937 Lamp Flux:633.44lx1 lm																	
NAME: 5RS023-6000K									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	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261		
5	261	261	261	261	260	260	260	259	259	259	258	258	258	258	259	259	259		
10	258	258	257	257	256	256	255	254	253	253	252	251	251	252	253	253	253		
15	250	250	250	249	248	248	246	245	244	243	242	241	241	242	243	244	244		
20	240	240	239	238	237	236	234	233	231	231	229	228	228	230	231	232	232		
25	226	226	225	225	223	222	220	219	216	216	214	213	213	215	216	218	218		
30	211	211	209	209	207	206	203	202	200	199	196	196	196	198	199	201	201		
35	193	193	192	191	189	188	185	184	181	180	178	177	177	180	181	183	183		
40	175	175	173	172	170	169	167	165	162	161	159	158	158	161	162	164	165		
45	156	156	154	153	151	150	147	146	143	142	140	139	139	141	143	145	146		
50	136	136	134	134	132	130	128	126	123	123	120	119	119	122	124	126	126		
55	117	117	115	114	112	111	108	107	104	103	101	100	100	103	105	107	107		
60	97.9	97.8	95.7	95.1	92.9	91.9	89.3	87.7	85.1	84.3	82.0	81.4	81.5	84.2	86.0	88.3	88.7		
65	79.2	79.0	77.0	76.3	74.2	73.2	70.6	69.2	66.7	65.9	63.7	63.1	63.3	66.0	67.8	70.0	70.4		
70	61.1	60.9	58.8	58.2	56.1	55.2	52.7	51.4	49.1	48.3	46.3	45.8	46.0	48.4	50.0	52.2	52.6		
75	44.0	43.7	41.8	41.2	39.3	38.3	36.1	34.8	32.8	32.1	30.3	29.6	29.4	31.5	32.9	34.9	35.4		
80	28.3	28.1	26.4	25.8	24.1	23.2	21.3	20.2	18.4	17.8	16.3	15.7	15.6	17.3	18.6	20.3	20.8		
85	14.6	14.4	13.0	12.4	11.0	10.2	8.55	7.66	6.26	5.82	4.74	4.45	4.65	6.10	7.22	8.55	8.90		
90	3.61	3.40	2.38	1.98	1.07	0.58	0.16	0.07	0.08	0.07	0.07	0.07	0.09	0.08	0.13	0.14	0.40		
95	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.08	0.08	0.09	0.08	0.08	0.09		
100	0.09	0.09	0.07	0.09	0.07	0.10	0.07	0.10	0.07	0.11	0.08	0.11	0.08	0.11	0.08	0.10	0.09		
105	0.09	0.11	0.08	0.12	0.09	0.13	0.09	0.12	0.11	0.13	0.10	0.14	0.11	0.14	0.10	0.14	0.10		
110	0.11	0.14	0.12	0.15	0.11	0.15	0.14	0.15	0.16	0.17	0.16	0.17	0.15	0.17	0.15	0.16	0.14		
115	0.16	0.17	0.17	0.18	0.16	0.19	0.17	0.19	0.18	0.19	0.18	0.21	0.18	0.22	0.18	0.20	0.17		
120	0.18	0.21	0.18	0.21	0.18	0.22	0.20	0.24	0.20	0.23	0.19	0.25	0.22	0.24	0.20	0.24	0.19		
125	0.26	0.25	0.23	0.26	0.25	0.26	0.23	0.27	0.25	0.27	0.27	0.29	0.27	0.29	0.26	0.28	0.25		
130	0.27	0.29	0.28	0.29	0.28	0.30	0.28	0.30	0.27	0.31	0.29	0.33	0.29	0.33	0.29	0.32	0.28		
135	0.30	0.33	0.30	0.33	0.30	0.34	0.30	0.34	0.33	0.35	0.33	0.36	0.34	0.36	0.34	0.36	0.32		
140	0.37	0.38	0.37	0.39	0.37	0.38	0.37	0.39	0.39	0.40	0.37	0.41	0.38	0.41	0.38	0.41	0.37		
145	0.40	0.43	0.40	0.44	0.39	0.44	0.40	0.45	0.40	0.44	0.42	0.45	0.42	0.47	0.43	0.45	0.41		
150	0.45	0.48	0.45	0.49	0.46	0.48	0.46	0.48	0.46	0.48	0.47	0.49	0.48	0.50	0.47	0.50	0.48		
155	0.47	0.52	0.48	0.53	0.49	0.52	0.49	0.53	0.50	0.52	0.49	0.53	0.50	0.53	0.51	0.53	0.49		
160	0.52	0.55	0.54	0.56	0.55	0.57	0.56	0.58	0.55	0.55	0.55	0.56	0.57	0.56	0.57	0.57	0.54		
165	0.56	0.59	0.58	0.59	0.57	0.59	0.58	0.60	0.58	0.58	0.57	0.60	0.58	0.59	0.57	0.60	0.57		
170	0.60	0.62	0.58	0.61	0.59	0.60	0.58	0.60	0.59	0.59	0.60	0.61	0.60	0.60	0.58	0.61	0.60		
175	0.64	0.63	0.63	0.62	0.61	0.61	0.59	0.61	0.59	0.59	0.61	0.61	0.61	0.61	0.60	0.61	0.61		
180	0.63	0.62	0.62	0.61	0.62	0.62	0.59	0.61	0.59	0.59	0.61	0.61	0.61	0.61	0.61	0.61	0.62		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-20

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:8.989m [K=1.0000]
Remarks: