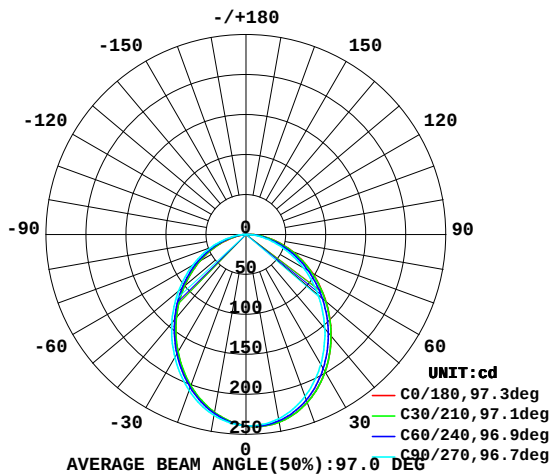


LUMINAIRE PHOTOMETRIC TEST REPORT

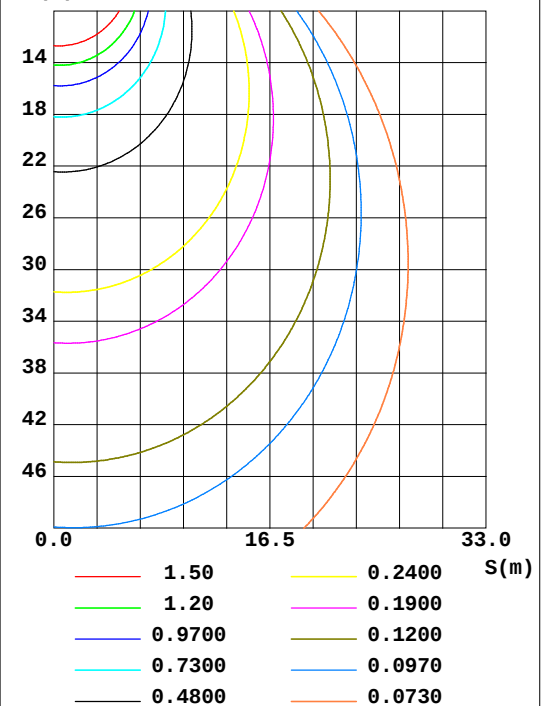
Test:U:230.3V I:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.81 lm/W			
MODEL	5RS023-3000K	I _{max} (cd)	240.8	S/MH(C0/180)	1.23
NOMINAL POWER(W)	6	LOR(%)	87.1	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	581.46	h UP, DN(C0-180)	0.1, 44.3
NOMINAL FLUX(lm)	667.866	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.1, 42.5
LAMPS INSIDE	1	h up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.3	h down(%)	86.8	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: 2018-09-21

g 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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	238.2	237.7	234.1	229.0	226.2	226.5	229.7	235.2	0- 10	22.49	22.49	3.87, 3.37
20	223.6	222.4	215.6	206.6	201.9	202.3	207.8	217.8	10- 20	62.94	85.43	14.7, 12.8
30	198.1	196.1	187.3	175.9	170.3	171.1	177.8	190.8	20- 30	91.43	176.9	30.4, 26.5
40	165.8	163.3	153.4	141.2	135.7	136.9	144.4	158.3	30- 40	104.4	281.3	48.4, 42.1
50	130.8	127.9	117.9	105.8	100.6	102.5	110.3	123.9	40- 50	102.2	383.4	65.9, 57.4
60	95.63	92.42	82.74	71.26	66.70	69.16	77.02	89.62	50- 60	87.32	470.8	81, 70.5
70	61.69	58.36	49.36	38.76	34.84	38.18	45.72	56.79	60- 70	63.39	534.1	91.9, 80
80	30.16	27.80	20.36	11.97	9.549	12.55	18.66	26.67	70- 80	35.19	569.3	97.9, 85.2
90	6.358	4.371	0.1906	0.0743	0.0673	0.0617	0.1704	4.431	80- 90	10.33	579.7	99.7, 86.8
100	0.0734	0.0709	0.0804	0.0805	0.1076	0.0833	0.0742	0.0712	90-100	0.4494	580.1	99.8, 86.9
110	0.0794	0.1029	0.1360	0.1423	0.1711	0.1418	0.1051	0.1052	100-110	0.1046	580.2	99.8, 86.9
120	0.1711	0.1819	0.2041	0.2229	0.2384	0.2035	0.1751	0.1785	110-120	0.1566	580.4	99.8, 86.9
130	0.2260	0.2466	0.2783	0.2910	0.3056	0.2836	0.2473	0.2384	120-130	0.2051	580.6	99.8, 86.9
140	0.2994	0.3175	0.3587	0.3709	0.3973	0.3658	0.3339	0.3251	130-140	0.2351	580.8	99.9, 87
150	0.3806	0.4069	0.4329	0.4495	0.4645	0.4562	0.4143	0.4086	140-150	0.2428	581.1	99.9, 87
160	0.4645	0.4870	0.5133	0.4998	0.5195	0.5062	0.4823	0.4789	150-160	0.2130	581.3	100, 87
170	0.5133	0.5159	0.5380	0.5564	0.5579	0.5604	0.5194	0.5356	160-170	0.1462	581.4	100, 87.1
180	0.5501	0.5579	0.5442	0.5418	0.5501	0.5548	0.5504	0.5573	170-180	0.0521	581.5	100, 87.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

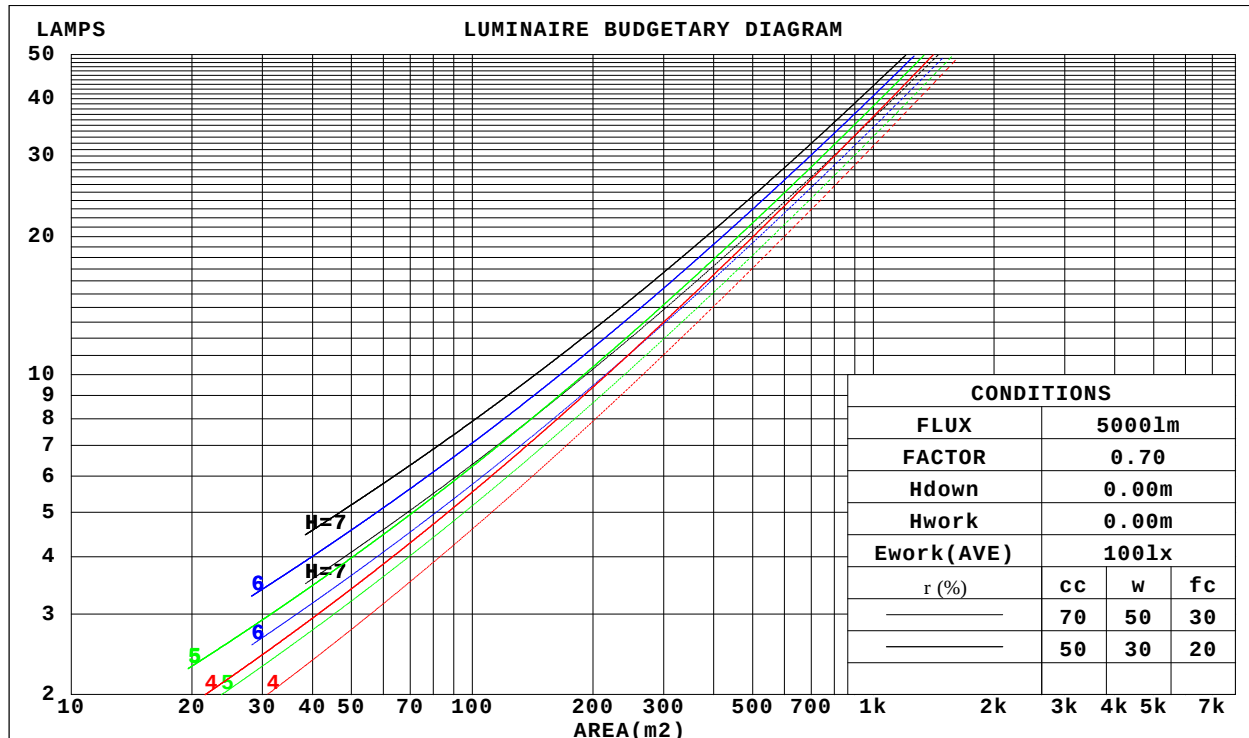
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 01
 Test Date: 2018-09-21

g Range: 0 - 180DEG
 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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	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	1.04	1.04	1.04	1.01	1.01	1.01	.97	.97	.97	.92	.92	.92	.89	.89	.89	.87
1.0	.91	.87	.84	.89	.86	.83	.85	.83	.80	.82	.80	.78	.79	.77	.75	.73
2.0	.80	.74	.69	.78	.73	.68	.75	.71	.67	.72	.68	.65	.69	.66	.64	.62
3.0	.70	.63	.58	.69	.63	.57	.66	.61	.56	.64	.59	.55	.62	.58	.54	.53
4.0	.63	.55	.50	.61	.55	.49	.59	.53	.48	.57	.52	.48	.55	.51	.47	.45
5.0	.56	.49	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.50	.45	.41	.39
6.0	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.41	.37	.46	.40	.37	.35
7.0	.46	.39	.33	.45	.38	.33	.44	.38	.33	.43	.37	.33	.42	.37	.33	.31
8.0	.42	.35	.30	.42	.35	.30	.40	.34	.30	.39	.34	.30	.38	.33	.29	.28
9.0	.39	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.27	.36	.30	.27	.25
10.0	.36	.29	.25	.36	.29	.25	.35	.29	.25	.34	.28	.24	.33	.28	.24	.23



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
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:

WEC AND CCEC

Test:U:230.3V I:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm														
NAME: 5RS023-3000K							TYPE:				WEIGHT:			
SPEC.:							DIM.:				SERIAL No.:001			
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd							SUR.:				PROTECTION ANGLE:			

RC	80%			70%			50%			30%			10%			0
W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fC	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.259	.147	.047	.253	.144	.046	.241	.138	.044	.230	.133	.043	.220	.128	.041	
2.0	.244	.134	.041	.238	.131	.040	.228	.127	.039	.219	.123	.038	.210	.119	.037	
3.0	.226	.120	.036	.222	.119	.036	.213	.115	.035	.204	.112	.034	.196	.109	.034	
4.0	.210	.109	.032	.205	.107	.032	.197	.105	.031	.190	.102	.031	.183	.099	.030	
5.0	.194	.099	.029	.190	.098	.028	.183	.095	.028	.177	.093	.028	.171	.091	.027	
6.0	.181	.091	.026	.177	.090	.026	.171	.088	.025	.165	.086	.025	.159	.084	.025	
7.0	.168	.083	.024	.165	.082	.023	.160	.081	.023	.154	.079	.023	.149	.078	.023	
8.0	.158	.077	.022	.155	.076	.022	.150	.075	.021	.145	.074	.021	.141	.072	.021	
9.0	.148	.072	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	.133	.067	.019	
10.0	.139	.067	.019	.137	.066	.018	.133	.065	.018	.129	.064	.018	.125	.063	.018	

RC	80%			70%			50%			30%			10%			0
W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fC	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.168	.168	.168	.143	.143	.143	.098	.098	.098	.056	.056	.056	.018	.018	.018	
1.0	.158	.138	.120	.135	.119	.103	.093	.082	.071	.053	.047	.042	.017	.015	.013	
2.0	.151	.117	.089	.129	.101	.077	.088	.070	.053	.051	.041	.031	.016	.013	.010	
3.0	.144	.102	.068	.123	.088	.059	.085	.061	.041	.049	.036	.024	.016	.012	.008	
4.0	.137	.090	.054	.117	.078	.047	.081	.054	.033	.047	.032	.020	.015	.010	.006	
5.0	.130	.081	.044	.112	.070	.038	.077	.049	.027	.045	.029	.016	.014	.009	.005	
6.0	.124	.073	.037	.107	.064	.032	.074	.044	.023	.043	.026	.014	.014	.009	.004	
7.0	.118	.067	.032	.102	.058	.028	.070	.041	.020	.041	.024	.012	.013	.008	.004	
8.0	.113	.062	.028	.097	.054	.024	.067	.038	.017	.039	.022	.010	.013	.007	.003	
9.0	.108	.058	.024	.093	.050	.021	.064	.035	.015	.037	.021	.009	.012	.007	.003	
10.0	.103	.054	.022	.089	.047	.019	.061	.033	.014	.036	.020	.008	.012	.006	.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
 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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm										
NAME: 5RS023-3000K					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	27.6	29.1	27.9	29.3	29.5	27.0	28.5	27.3	28.7	28.9
3H	29.2	30.5	29.5	30.8	31.0	28.4	29.7	28.7	30.0	30.2
4H	29.9	31.2	30.2	31.4	31.7	28.9	30.2	29.2	30.4	30.7
6H	30.4	31.7	30.8	31.9	32.2	29.3	30.5	29.6	30.7	31.0
8H	30.7	31.8	31.0	32.1	32.4	29.4	30.5	29.7	30.8	31.1
12H	30.9	32.0	31.2	32.3	32.6	29.4	30.6	29.8	30.9	31.2
4H 2H	28.1	29.4	28.5	29.7	30.0	27.7	29.0	28.0	29.2	29.5
3H	29.9	31.1	30.3	31.4	31.7	29.3	30.4	29.6	30.7	31.0
4H	30.8	31.8	31.1	32.1	32.5	29.9	31.0	30.3	31.3	31.6
6H	31.5	32.4	31.9	32.8	33.1	30.4	31.3	30.8	31.7	32.1
8H	31.8	32.7	32.2	33.0	33.4	30.6	31.5	31.0	31.8	32.2
12H	32.1	32.9	32.5	33.3	33.7	30.7	31.5	31.1	31.9	32.3
8H 4H	31.0	31.9	31.4	32.3	32.6	30.3	31.1	30.7	31.5	31.9
6H	31.9	32.7	32.4	33.1	33.5	31.0	31.7	31.4	32.1	32.5
8H	32.4	33.0	32.8	33.4	33.9	31.3	31.9	31.7	32.3	32.8
12H	32.8	33.3	33.3	33.8	34.2	31.5	32.0	31.9	32.4	32.9
12H 4H	31.0	31.8	31.5	32.2	32.6	30.3	31.1	30.8	31.5	31.9
6H	32.0	32.6	32.5	33.1	33.5	31.1	31.7	31.6	32.1	32.6
8H	32.5	33.0	33.0	33.5	34.0	31.4	32.0	31.9	32.4	32.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.4				

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
 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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

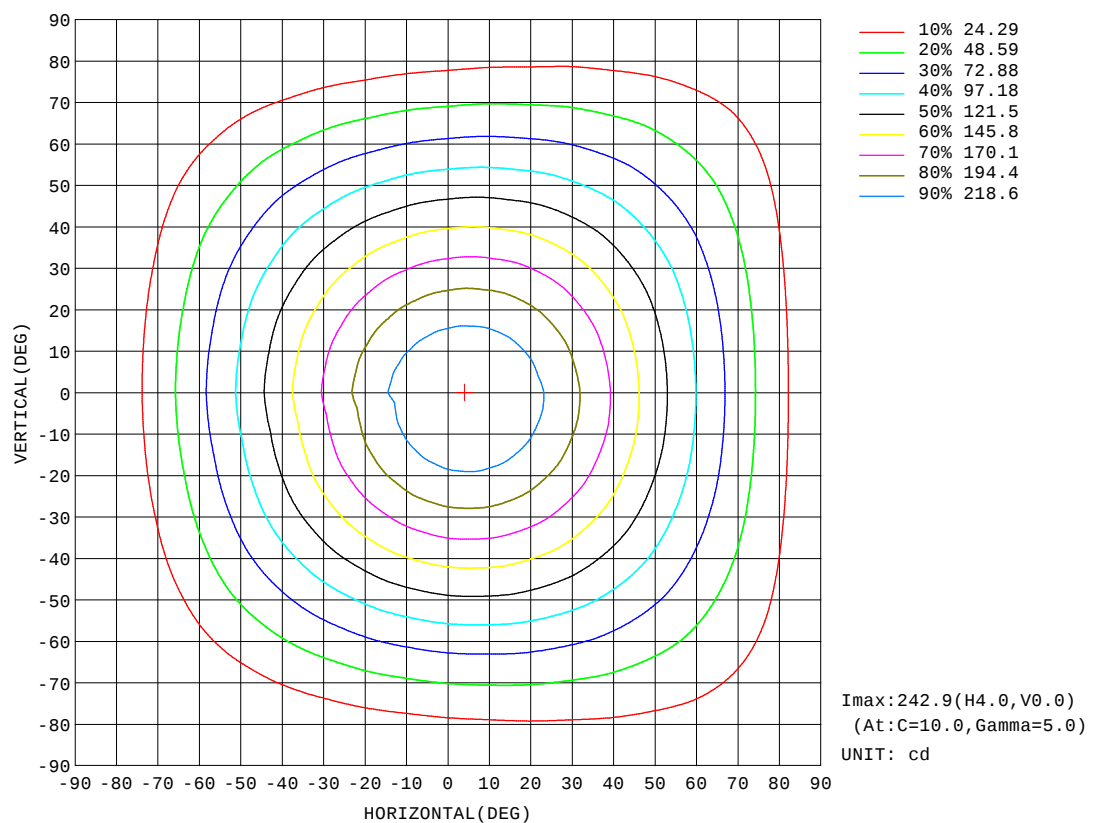
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	42	36	51	42	36	50	42	36	31
0.80	61	51	45	60	51	45	58	50	44	38
1.00	68	59	52	67	58	52	65	59	52	46
1.25	74	65	59	73	64	59	70	63	58	52
1.50	78	70	64	77	69	64	74	67	63	56
2.00	84	77	71	82	76	71	79	74	69	63
2.50	87	80	75	85	79	75	82	77	73	66
3.00	90	84	79	88	83	78	84	80	76	69
4.00	93	88	84	91	87	83	87	84	81	73
5.00	95	91	88	93	89	86	89	86	83	76
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

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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



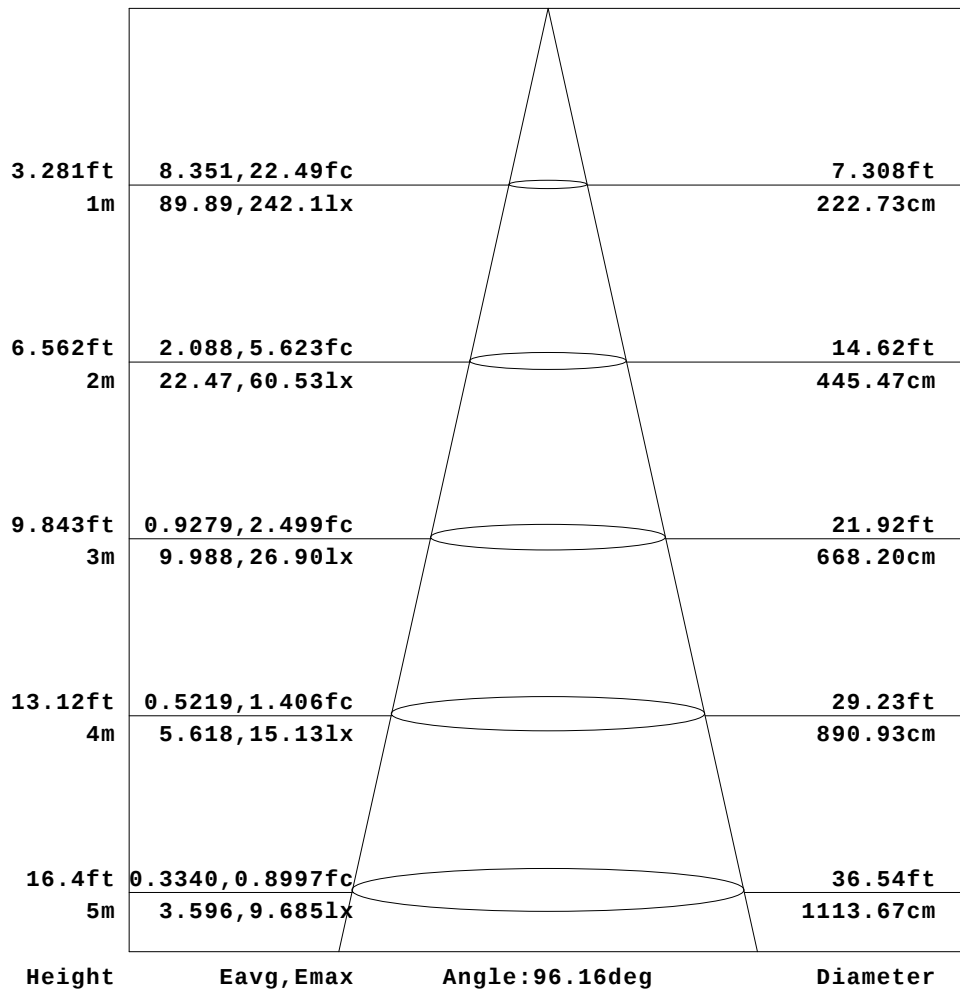
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-21

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE 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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Flux out:373.7 lm



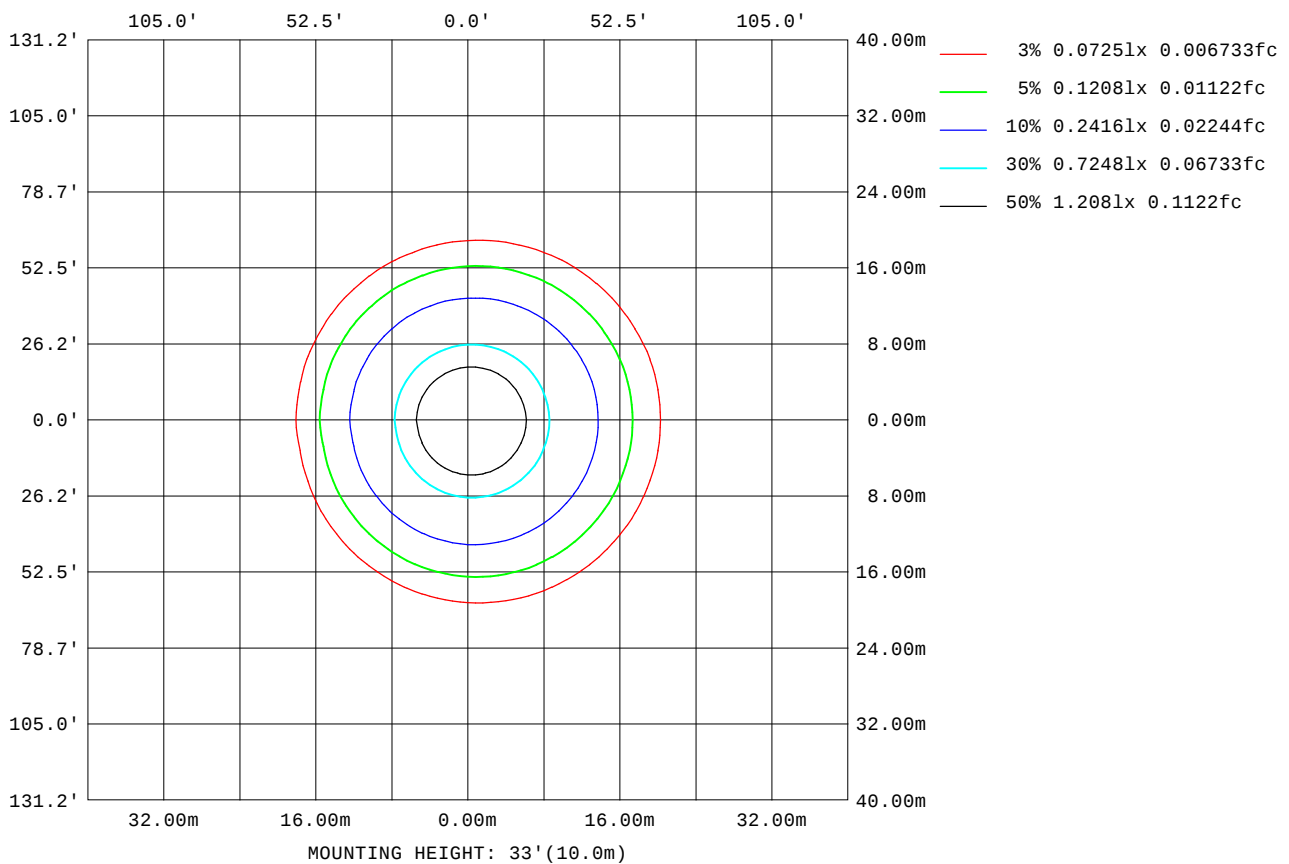
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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
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

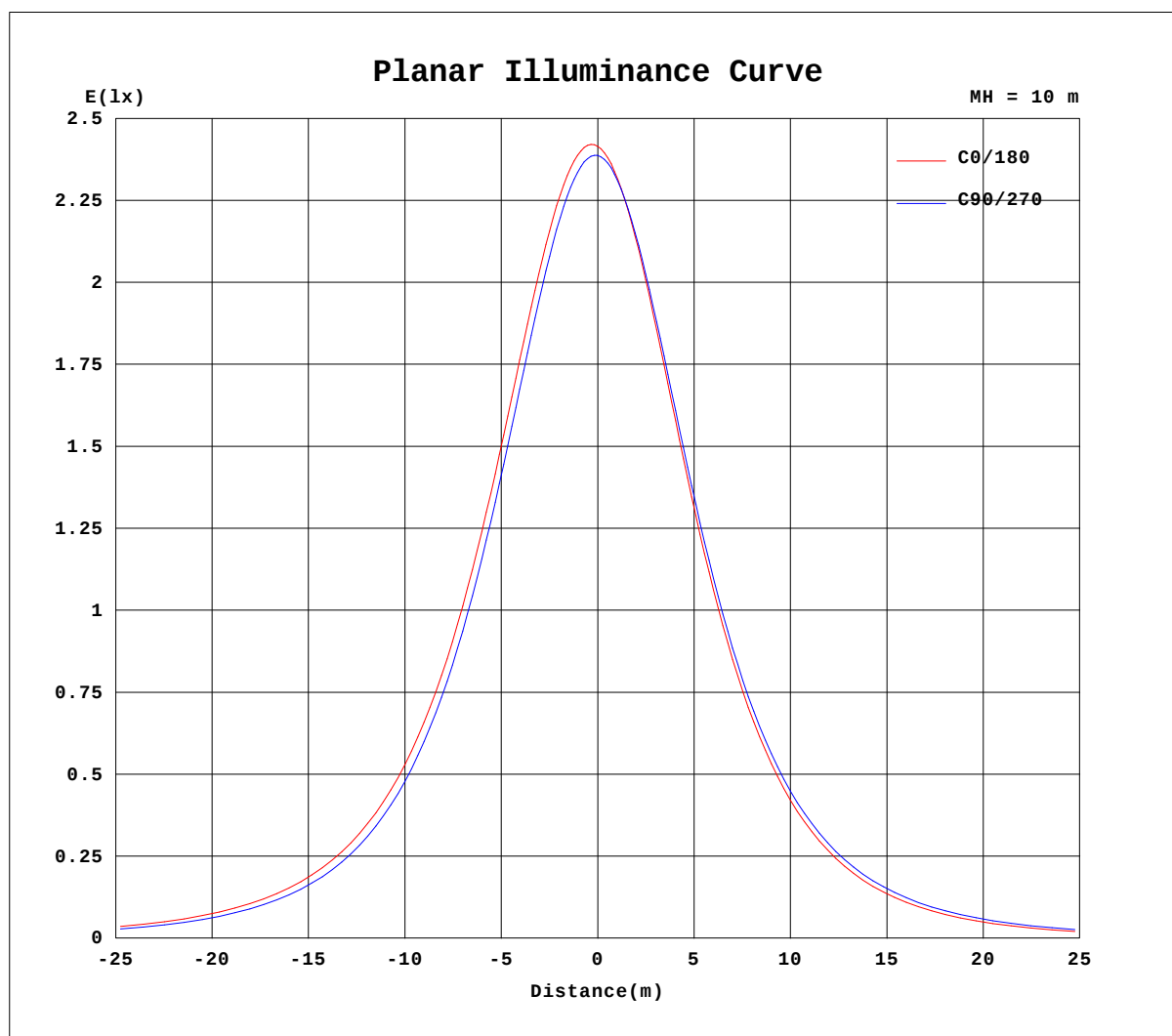
Test:U:230.3V I:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm		
NAME: 5RS023-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



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

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: 2018-09-21

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:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm																	
NAME: 5RS023-3000K									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	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239
5	241	241	241	241	240	240	240	239	239	238	238	237	237	236	236	235	235	234	234
10	238	239	238	238	238	238	237	236	235	234	233	232	231	230	228	228	227	226	226
15	232	233	233	233	232	231	230	229	228	226	225	223	221	220	218	217	216	215	215
20	224	224	224	224	223	222	220	219	217	216	213	212	209	208	206	204	202	202	202
25	212	213	212	212	211	210	208	207	204	202	200	198	195	193	191	189	187	186	187
30	198	199	198	198	197	196	193	192	189	187	184	182	179	177	175	173	171	170	170
35	183	183	183	182	181	180	177	176	173	171	168	165	162	160	157	156	154	153	153
40	166	167	166	166	164	163	160	159	156	153	150	148	145	143	140	138	136	135	136
45	148	149	148	148	146	145	143	141	138	136	133	130	127	125	122	120	118	117	118
50	131	131	131	130	128	127	125	123	120	118	115	112	109	107	105	103	101	99.8	101
55	113	114	113	112	111	109	107	105	102	100	97.1	94.8	91.6	89.5	87.0	85.5	83.5	82.6	83.4
60	95.6	96.1	95.1	94.7	93.0	91.8	89.5	87.7	84.9	82.7	79.7	77.5	74.5	72.4	70.1	68.5	66.6	65.8	66.7
65	78.4	78.8	77.8	77.4	75.7	74.5	72.2	70.5	67.8	65.7	62.9	60.7	57.8	55.9	53.6	52.2	50.4	49.6	50.6
70	61.7	62.0	61.0	60.5	58.9	57.8	55.6	53.9	51.3	49.4	46.6	44.6	41.9	40.1	37.4	35.9	34.2	33.7	34.8
75	45.8	46.0	45.1	44.6	43.0	41.9	39.8	38.3	35.9	34.1	31.6	29.8	27.3	25.2	23.0	21.7	20.3	20.0	21.0
80	30.2	30.8	30.2	29.7	28.3	27.3	25.4	24.1	21.9	20.4	18.2	16.7	14.5	12.9	11.1	10.1	8.97	8.79	9.55
85	16.8	17.2	16.9	16.7	15.4	14.5	12.9	11.7	9.96	8.62	6.89	5.70	4.15	3.25	2.23	1.69	1.00	0.79	1.26
90	6.36	6.50	5.95	5.65	4.71	4.03	2.90	2.08	0.98	0.19	0.07	0.06	0.06	0.06	0.09	0.07	0.09	0.07	0.07
95	0.18	0.14	0.13	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.06	0.07	0.07	0.09	0.07	0.09	0.08
100	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.07	0.08	0.07	0.09	0.07	0.09	0.07	0.11	0.07	0.11	0.11
105	0.07	0.09	0.07	0.09	0.07	0.10	0.07	0.11	0.07	0.11	0.07	0.11	0.07	0.12	0.11	0.14	0.10	0.14	0.13
110	0.08	0.12	0.08	0.11	0.09	0.12	0.09	0.14	0.09	0.14	0.11	0.15	0.11	0.15	0.14	0.17	0.16	0.17	0.17
115	0.11	0.15	0.12	0.14	0.12	0.15	0.12	0.16	0.14	0.16	0.14	0.18	0.16	0.19	0.17	0.20	0.17	0.21	0.20
120	0.17	0.19	0.15	0.18	0.18	0.19	0.18	0.20	0.17	0.20	0.18	0.20	0.18	0.24	0.21	0.24	0.20	0.25	0.24
125	0.18	0.23	0.19	0.23	0.19	0.22	0.19	0.23	0.21	0.25	0.21	0.25	0.22	0.27	0.25	0.28	0.25	0.28	0.27
130	0.23	0.26	0.23	0.25	0.23	0.27	0.23	0.27	0.24	0.28	0.26	0.28	0.26	0.31	0.27	0.32	0.30	0.32	0.31
135	0.26	0.31	0.26	0.30	0.26	0.30	0.27	0.30	0.27	0.31	0.28	0.32	0.30	0.34	0.32	0.35	0.34	0.37	0.34
140	0.30	0.34	0.30	0.34	0.30	0.34	0.31	0.35	0.31	0.36	0.32	0.36	0.37	0.38	0.36	0.40	0.38	0.40	0.40
145	0.36	0.37	0.36	0.38	0.36	0.38	0.36	0.38	0.36	0.40	0.38	0.41	0.38	0.42	0.40	0.43	0.40	0.44	0.43
150	0.38	0.41	0.37	0.42	0.38	0.43	0.38	0.43	0.40	0.43	0.41	0.43	0.41	0.46	0.44	0.47	0.45	0.47	0.46
155	0.42	0.45	0.41	0.46	0.43	0.47	0.44	0.47	0.46	0.48	0.46	0.47	0.46	0.49	0.47	0.50	0.47	0.51	0.50
160	0.46	0.49	0.46	0.49	0.47	0.50	0.48	0.50	0.47	0.51	0.47	0.51	0.49	0.51	0.49	0.53	0.50	0.53	0.52
165	0.49	0.51	0.48	0.51	0.49	0.51	0.50	0.52	0.50	0.53	0.51	0.53	0.51	0.54	0.52	0.55	0.53	0.56	0.54
170	0.51	0.52	0.50	0.52	0.51	0.53	0.51	0.53	0.53	0.54	0.54	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56
175	0.54	0.53	0.51	0.53	0.51	0.53	0.52	0.53	0.53	0.54	0.55	0.54	0.56	0.56	0.55	0.56	0.55	0.56	0.56
180	0.55	0.55	0.56	0.55	0.56	0.56	0.56	0.55	0.56	0.54	0.56	0.55	0.55	0.54	0.54	0.55	0.55	0.55	0.55

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
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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0311A P:6.403W PF:0.8928 Lamp Flux:667.866x1 lm																	
NAME: 5RS023-3000K									TYPE:			WEIGHT:					
SPEC.:									DIM.:			SERIAL No.:001					
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd									SUR.:			PROTECTION ANGLE:					

Table--2
UNIT: cd

C(°) g (°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239		
5	234	234	234	234	235	235	235	236	236	237	237	238	239	239	240	240	241		
10	226	226	226	226	227	227	228	229	230	231	232	233	234	236	237	238	238		
15	215	215	215	215	216	217	217	219	220	222	223	225	227	229	230	232	233		
20	201	202	201	202	202	204	205	206	208	210	212	215	217	219	221	223	224		
25	186	186	186	187	187	189	190	192	194	196	198	201	204	207	209	211	212		
30	170	170	170	171	171	173	174	176	178	181	183	187	189	192	195	197	199		
35	152	153	153	154	154	156	157	159	161	164	167	171	173	177	179	182	183		
40	135	136	135	137	137	139	140	142	144	147	150	154	157	160	162	165	167		
45	117	118	118	119	120	122	123	125	127	130	133	137	139	143	145	148	149		
50	100.0	101	101	102	103	105	106	108	110	113	116	120	122	125	128	130	132		
55	82.9	83.8	83.8	85.3	86.0	87.9	89.1	91.6	93.5	96.6	98.9	103	105	108	110	113	114		
60	66.2	67.1	67.3	68.8	69.5	71.4	72.7	75.2	77.0	80.1	82.3	85.8	88.1	91.1	93.0	95.5	96.5		
65	50.2	51.2	51.4	52.9	53.6	55.6	56.8	59.3	61.1	64.0	66.1	69.4	71.5	74.4	76.1	78.4	79.3		
70	34.9	36.1	36.4	37.8	38.6	40.4	41.6	44.0	45.7	48.5	50.4	53.5	55.5	58.1	59.6	61.9	62.6		
75	21.1	22.3	22.8	24.1	24.8	26.6	27.7	29.9	31.4	33.9	35.7	38.5	40.2	42.6	43.9	45.9	46.6		
80	9.78	10.6	11.0	12.2	12.9	14.4	15.4	17.3	18.7	20.8	22.3	24.7	25.8	27.5	28.5	30.2	30.9		
85	1.24	1.74	1.99	2.80	3.32	4.43	5.21	6.65	7.72	9.49	10.7	12.6	13.4	14.8	15.6	16.9	17.4		
90	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.17	1.18	1.97	3.17	3.91	4.96	5.59	6.57	6.96		
95	0.07	0.08	0.07	0.09	0.06	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.08	0.08	0.12	0.15	0.23		
100	0.07	0.10	0.07	0.10	0.07	0.09	0.07	0.09	0.07	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.07		
105	0.10	0.13	0.10	0.13	0.09	0.13	0.09	0.12	0.09	0.12	0.07	0.09	0.07	0.09	0.08	0.09	0.07		
110	0.15	0.17	0.13	0.15	0.13	0.15	0.12	0.14	0.11	0.13	0.10	0.13	0.09	0.12	0.09	0.11	0.09		
115	0.17	0.20	0.16	0.18	0.16	0.19	0.16	0.18	0.15	0.16	0.13	0.16	0.12	0.16	0.11	0.15	0.11		
120	0.21	0.23	0.19	0.22	0.19	0.22	0.18	0.21	0.18	0.20	0.17	0.19	0.17	0.19	0.16	0.17	0.17		
125	0.24	0.26	0.23	0.26	0.24	0.25	0.23	0.24	0.21	0.24	0.20	0.23	0.19	0.22	0.19	0.22	0.17		
130	0.27	0.30	0.27	0.30	0.27	0.29	0.27	0.28	0.25	0.27	0.22	0.27	0.22	0.25	0.22	0.25	0.22		
135	0.31	0.34	0.31	0.34	0.30	0.33	0.30	0.32	0.28	0.31	0.27	0.30	0.26	0.30	0.26	0.30	0.27		
140	0.37	0.39	0.36	0.38	0.36	0.38	0.35	0.36	0.33	0.36	0.32	0.34	0.32	0.33	0.30	0.33	0.30		
145	0.40	0.43	0.40	0.43	0.39	0.41	0.38	0.41	0.37	0.40	0.37	0.40	0.36	0.38	0.36	0.38	0.35		
150	0.46	0.45	0.45	0.46	0.45	0.45	0.41	0.46	0.41	0.43	0.40	0.43	0.40	0.42	0.38	0.42	0.38		
155	0.47	0.50	0.47	0.49	0.47	0.49	0.46	0.49	0.48	0.46	0.46	0.46	0.43	0.46	0.44	0.45	0.42		
160	0.49	0.52	0.49	0.52	0.49	0.51	0.49	0.53	0.48	0.50	0.47	0.50	0.47	0.49	0.46	0.48	0.45		
165	0.52	0.55	0.52	0.55	0.53	0.54	0.52	0.54	0.50	0.53	0.50	0.53	0.49	0.53	0.49	0.51	0.49		
170	0.56	0.56	0.56	0.57	0.56	0.56	0.55	0.55	0.52	0.55	0.53	0.56	0.52	0.55	0.53	0.54	0.52		
175	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.56	0.56	0.55	0.55	0.56	0.55	0.56	0.56	0.56		
180	0.55	0.55	0.55	0.55	0.56	0.55	0.56	0.56	0.55	0.55	0.55	0.55	0.56	0.55	0.56	0.56	0.55		

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
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: