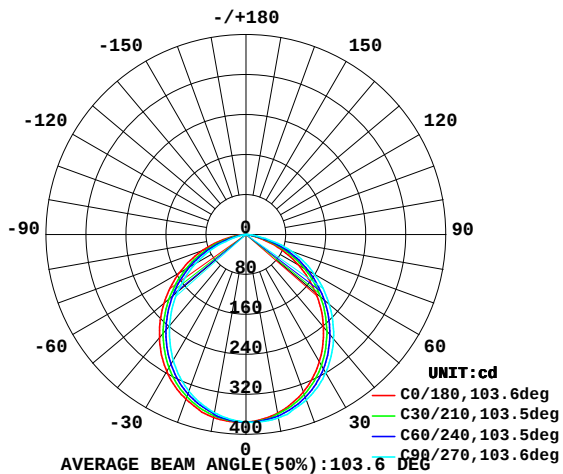


LUMINAIRE PHOTOMETRIC TEST REPORT

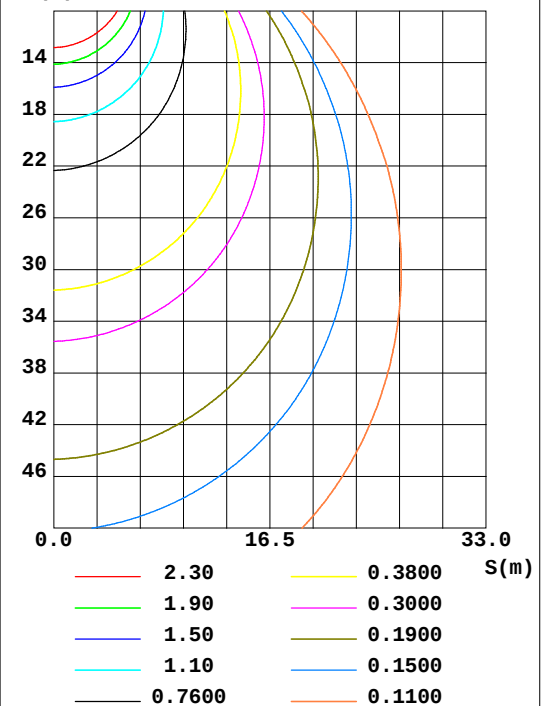
Test:U:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.18 lm/W			
MODEL	5RS086-3000K	I _{max} (cd)	377.2	S/MH(C0/180)	1.17
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	946.04	h UP, DN(C0-180)	0.1, 53.3
NOMINAL FLUX(lm)	946.035	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.1, 46.5
LAMPS INSIDE	1	h up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.4	h down(%)	99.8	CIBSE SHR MAX	1.35

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: 2018-09-12

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	363.0	366.6	372.5	375.0	371.8	366.2	362.2	358.8	0- 10	35.43	35.43	3.75, 3.75
20	335.6	343.6	352.4	358.1	350.8	342.8	333.8	328.1	10- 20	100.6	136.0	14.4, 14.4
30	293.8	305.9	319.4	327.4	317.0	304.5	291.0	283.5	20- 30	150.1	286.1	30.2, 30.2
40	241.3	256.0	272.6	282.3	269.7	254.1	238.1	229.6	30- 40	176.0	462.1	48.8, 48.8
50	182.5	199.4	217.7	228.2	214.4	197.2	178.4	169.6	40- 50	175.6	637.7	67.4, 67.4
60	120.1	138.1	158.0	168.3	154.5	135.8	116.5	106.9	50- 60	150.3	788.0	83.3, 83.3
70	56.10	74.52	95.00	105.6	91.57	72.59	50.00	43.37	60- 70	104.5	892.4	94.3, 94.3
80	3.755	14.48	27.76	42.31	29.44	13.61	2.441	0.5035	70- 80	45.62	938.0	99.2, 99.2
90	0.0611	0.0621	0.1539	0.3171	0.1095	0.0683	0.0925	0.0713	80- 90	5.703	943.8	99.8, 99.8
100	0.1159	0.1085	0.0988	0.0743	0.1160	0.1023	0.1233	0.1610	90-100	0.1013	943.9	99.8, 99.8
110	0.2077	0.2077	0.1974	0.1640	0.1955	0.2015	0.2404	0.2662	100-110	0.1661	944.0	99.8, 99.8
120	0.3359	0.3162	0.3023	0.2601	0.2994	0.3163	0.3516	0.3809	110-120	0.2605	944.3	99.8, 99.8
130	0.4580	0.4371	0.4257	0.3900	0.4215	0.4371	0.4749	0.4954	120-130	0.3411	944.6	99.9, 99.9
140	0.5619	0.5673	0.5429	0.5046	0.5437	0.5581	0.5922	0.6068	130-140	0.3878	945.0	99.9, 99.9
150	0.6778	0.6678	0.6662	0.6315	0.6475	0.6560	0.6847	0.7120	140-150	0.3850	945.4	99.9, 99.9
160	0.7695	0.7658	0.7528	0.7431	0.7575	0.7720	0.7650	0.7969	150-160	0.3319	945.7	100, 100
170	0.8516	0.8526	0.8390	0.8383	0.8331	0.8423	0.8574	0.8598	160-170	0.2276	946.0	100, 100
180	0.8673	0.8619	0.8636	0.8668	0.8612	0.8650	0.8636	0.8699	170-180	0.0817	946.0	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

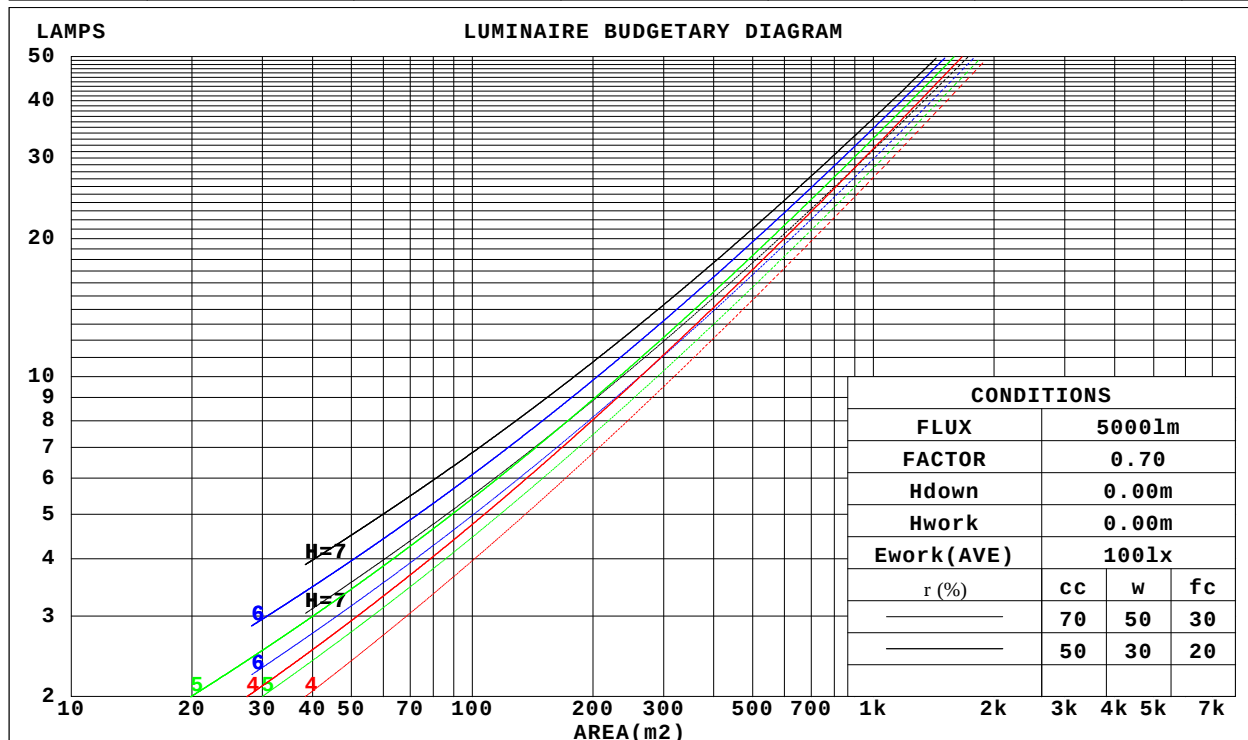
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	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	1.19	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	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.64	.58	.71	.64	.57	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.55	.49	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.43	.54	.48	.43	.53	.47	.43	.41
7.0	.53	.45	.39	.53	.45	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.34	.29	.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: 2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm														
NAME: 5RS086-3000K							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 Wall Exitance Coefficients(WEC)															
0.0																
1.0	.281	.160	.051	.274	.156	.050	.260	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.271	.148	.046	.265	.146	.045	.253	.141	.044	.242	.136	.043	.232	.131	.041	
3.0	.254	.135	.041	.249	.133	.040	.239	.129	.039	.229	.126	.039	.220	.122	.038	
4.0	.237	.123	.036	.232	.122	.036	.223	.118	.035	.215	.115	.035	.207	.112	.034	
5.0	.221	.113	.033	.217	.111	.032	.208	.109	.032	.201	.106	.032	.194	.104	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.192	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.072	.021	

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 Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.180	.158	.139	.154	.136	.119	.105	.093	.082	.061	.054	.048	.019	.017	.016	
2.0	.171	.134	.102	.147	.115	.089	.101	.080	.062	.058	.046	.036	.019	.015	.012	
3.0	.163	.116	.078	.140	.100	.068	.096	.070	.048	.056	.041	.028	.018	.013	.009	
4.0	.156	.103	.062	.134	.089	.054	.092	.062	.038	.053	.036	.022	.017	.012	.007	
5.0	.148	.092	.050	.128	.080	.044	.088	.056	.031	.051	.033	.018	.016	.011	.006	
6.0	.142	.084	.042	.122	.072	.037	.084	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.135	.077	.036	.116	.067	.031	.080	.047	.022	.047	.027	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.062	.027	.077	.043	.019	.045	.025	.012	.014	.008	.004	
9.0	.123	.066	.028	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.117	.062	.025	.101	.054	.022	.070	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm											
NAME: 5RS086-3000K					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	27.5	28.9	27.7	29.1	29.3	28.3	29.8	28.6	30.0	30.2	
	3H	28.4	29.8	28.7	30.0	30.2	29.8	31.1	30.1	31.3	
	4H	28.6	29.9	28.9	30.1	30.4	30.2	31.5	30.5	31.7	
	6H	28.5	29.7	28.9	30.0	30.3	30.4	31.6	30.7	31.9	
	8H	28.5	29.6	28.8	29.9	30.2	30.4	31.6	30.8	31.9	
	12H	28.4	29.6	28.8	29.8	30.2	30.4	31.5	30.7	31.8	
4H	2H	28.1	29.4	28.4	29.6	29.9	28.8	30.0	29.1	30.3	
	3H	29.2	30.3	29.5	30.6	30.9	30.3	31.4	30.7	31.7	
	4H	29.4	30.4	29.8	30.8	31.1	30.8	31.9	31.2	32.2	
	6H	29.4	30.3	29.8	30.7	31.0	31.1	32.0	31.5	32.4	
	8H	29.4	30.2	29.8	30.6	31.0	31.1	32.0	31.6	32.3	
	12H	29.3	30.1	29.8	30.5	30.9	31.1	31.9	31.6	32.3	
8H	4H	29.6	30.4	30.0	30.8	31.2	30.9	31.7	31.3	32.1	
	6H	29.6	30.3	30.1	30.7	31.1	31.2	31.9	31.7	32.3	
	8H	29.6	30.2	30.0	30.6	31.1	31.3	31.9	31.7	32.3	
	12H	29.5	30.1	30.0	30.5	31.0	31.3	31.8	31.7	32.2	
12H	4H	29.6	30.3	30.0	30.7	31.1	30.9	31.6	31.3	32.0	
	6H	29.6	30.2	30.1	30.6	31.1	31.2	31.8	31.6	32.2	
	8H	29.6	30.1	30.1	30.5	31.0	31.2	31.7	31.7	32.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2					
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.2					
2.0H	+ 0.4 / - 0.7					+ 0.5 / - 0.5					

CIE Pub.117 Corrected 946.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.2)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

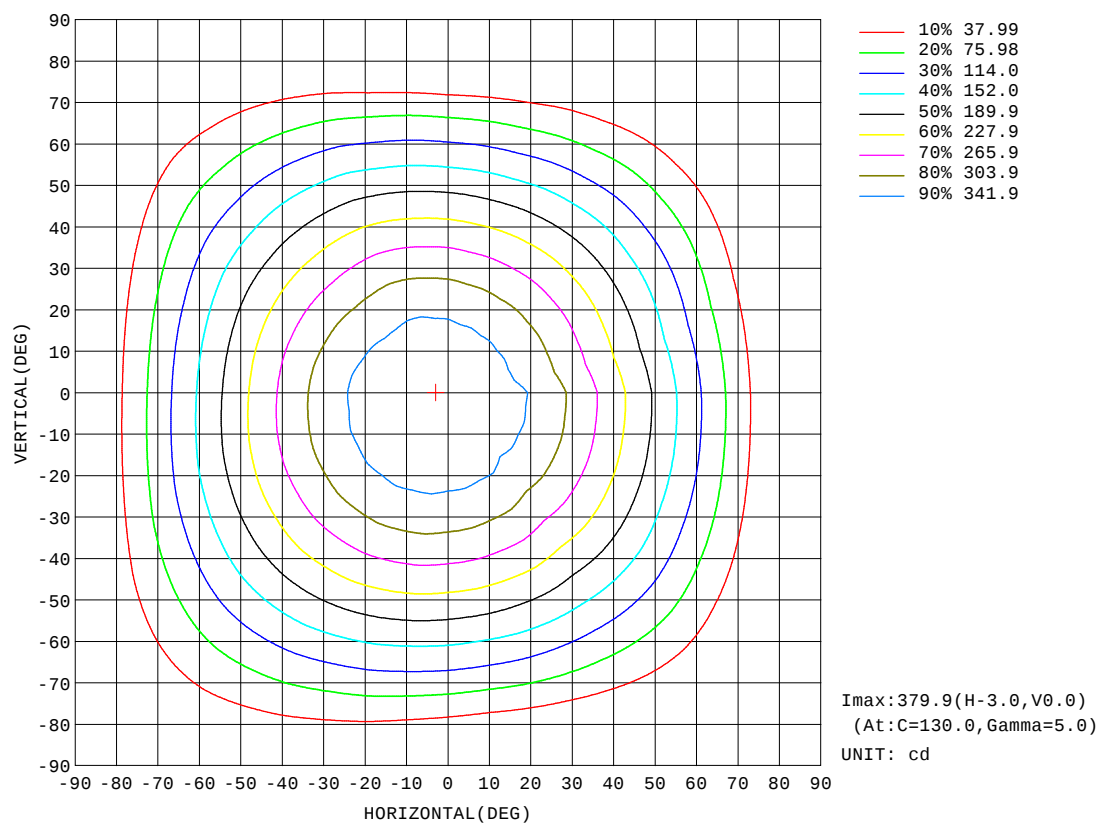
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	78	68	61	77	67	61	75	69	60	53
1.25	85	76	69	84	75	69	81	73	68	61
1.50	90	81	75	89	80	74	86	78	73	66
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	98	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	85
5.00	110	105	102	107	103	100	103	100	97	88
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: 2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



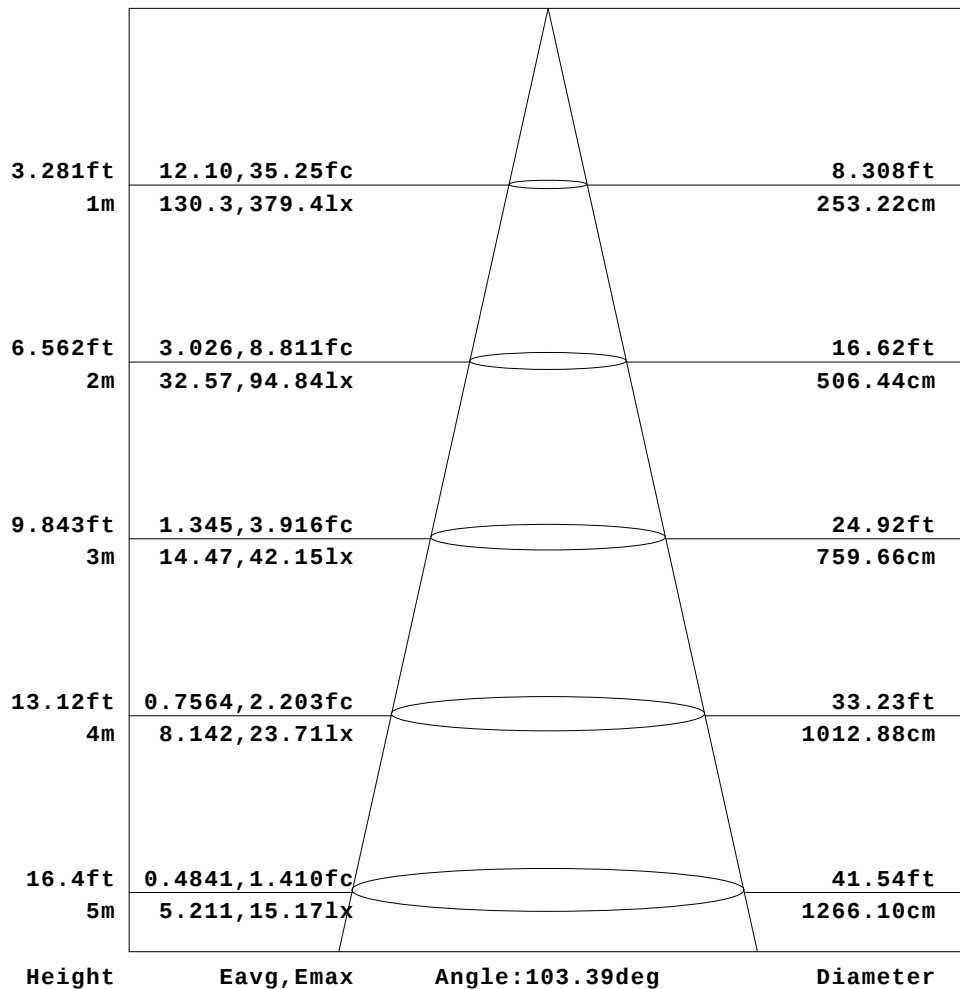
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Flux out:670.5 lm



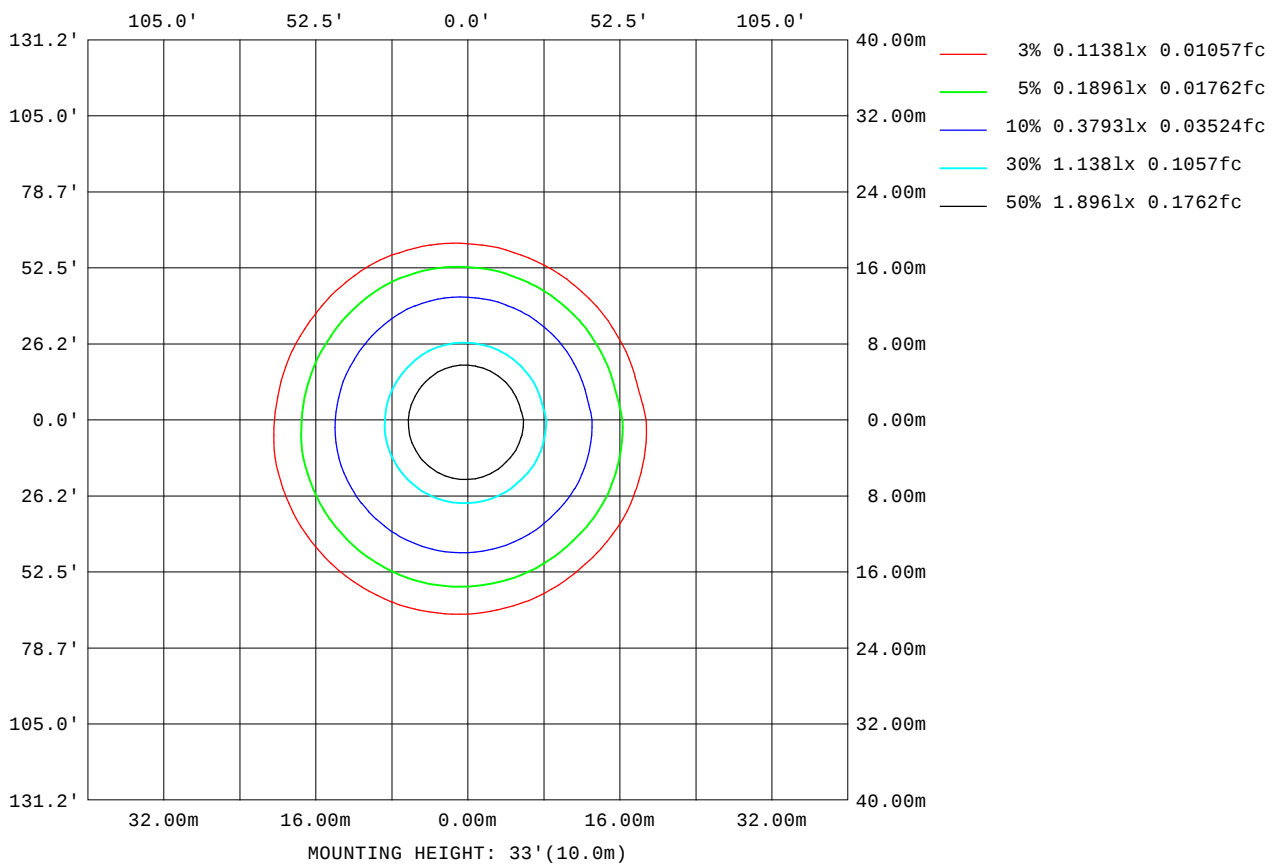
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-12

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

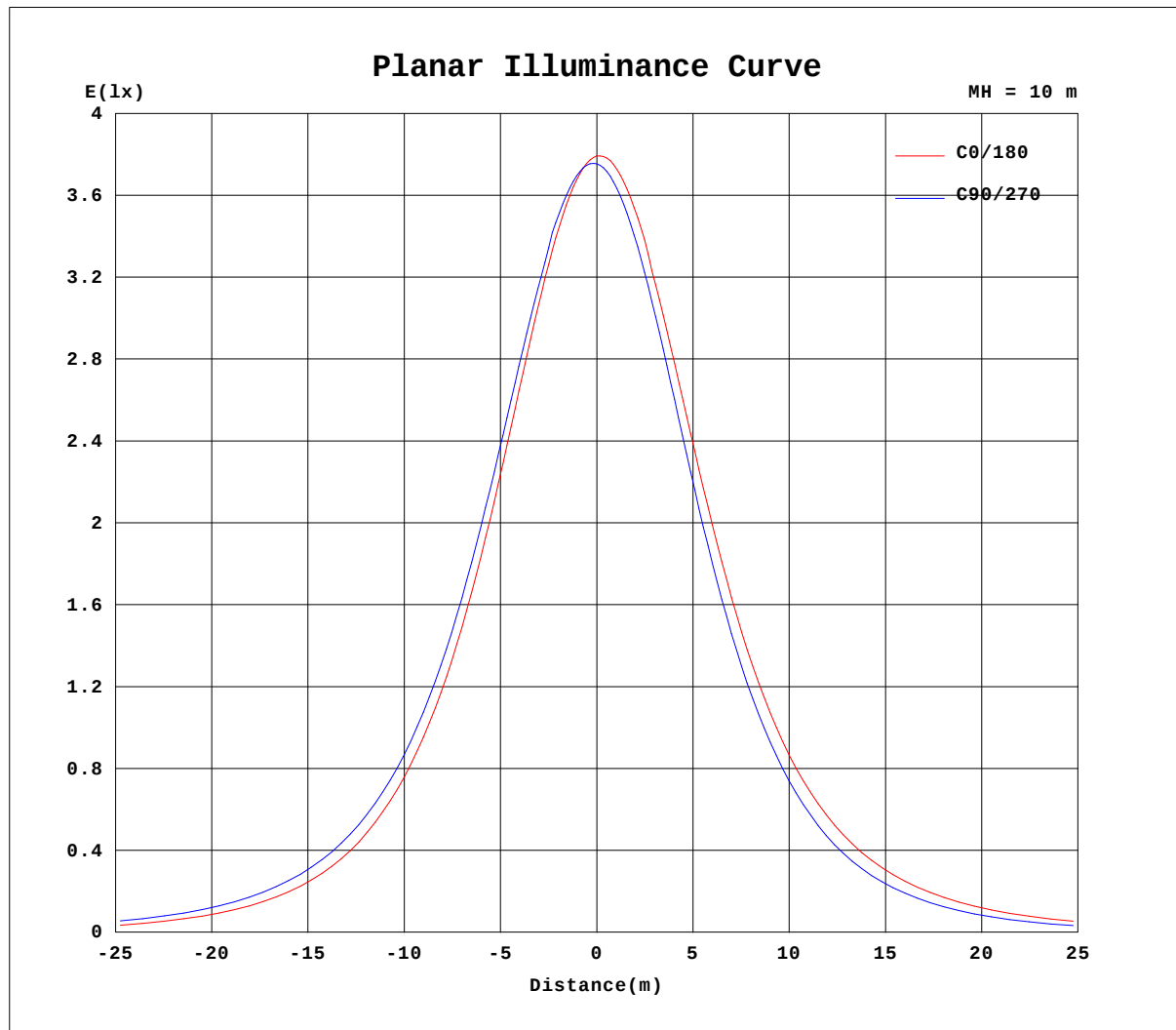
Test:U:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm		
NAME: 5RS086-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2018-09-12

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: 2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm																		
NAME: 5RS086-3000K									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	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375
5	371	372	372	373	373	374	374	375	375	376	376	377	377	377	377	377	377	377	375
10	363	364	365	365	367	366	369	370	371	373	373	374	374	375	375	375	374	374	372
15	351	351	354	355	357	357	360	360	363	363	366	367	368	368	369	368	368	366	363
20	336	336	340	341	344	343	347	348	352	352	356	356	358	357	359	357	358	355	351
25	316	318	322	323	326	327	331	332	336	338	341	342	344	344	345	344	344	341	336
30	294	296	300	302	306	306	310	313	317	319	323	325	327	327	328	327	326	324	317
35	268	271	275	278	282	283	287	290	295	297	302	303	306	306	307	306	305	302	295
40	241	244	248	252	255	257	261	265	269	273	277	279	282	282	283	281	281	278	270
45	213	216	220	224	228	229	234	238	242	246	250	253	255	256	256	255	254	252	243
50	182	186	191	195	199	200	205	209	214	218	222	225	227	228	229	227	226	224	214
55	151	156	160	165	168	170	174	179	183	188	193	196	198	199	199	198	197	194	185
60	120	125	128	134	137	140	143	149	153	158	162	166	167	169	168	168	166	164	155
65	88.1	92.9	96.6	102	105	108	112	118	122	127	131	135	136	138	137	137	135	133	123
70	56.1	60.9	64.6	70.3	73.0	76.0	79.9	85.5	89.4	95.0	98.8	103	104	106	105	105	103	101	91.6
75	25.8	30.1	33.6	38.9	41.6	44.0	46.4	50.7	54.0	60.0	65.5	70.6	72.2	74.0	73.5	73.5	71.3	69.5	59.8
80	3.76	5.86	7.94	11.6	13.5	15.4	17.5	20.7	22.9	27.8	32.7	38.2	40.6	42.5	42.1	42.1	40.0	38.3	29.4
85	0.12	0.12	0.18	0.19	0.26	0.54	1.20	2.53	3.78	5.96	8.38	11.5	12.8	14.1	13.8	13.8	12.2	11.0	5.36
90	0.06	0.07	0.06	0.06	0.06	0.06	0.09	0.09	0.15	0.15	0.21	0.20	0.27	0.32	0.31	0.29	0.25	0.19	0.11
95	0.07	0.10	0.07	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.06	0.06	0.07	0.07
100	0.12	0.14	0.10	0.13	0.09	0.12	0.08	0.11	0.08	0.10	0.08	0.09	0.07	0.09	0.06	0.09	0.07	0.10	0.12
105	0.17	0.19	0.17	0.17	0.14	0.16	0.12	0.15	0.12	0.15	0.10	0.13	0.09	0.12	0.09	0.12	0.09	0.13	0.15
110	0.21	0.25	0.21	0.23	0.19	0.23	0.18	0.21	0.17	0.20	0.16	0.19	0.15	0.18	0.15	0.17	0.15	0.18	0.20
115	0.27	0.30	0.26	0.28	0.24	0.28	0.24	0.26	0.22	0.25	0.20	0.23	0.19	0.22	0.19	0.22	0.18	0.24	0.24
120	0.34	0.36	0.32	0.34	0.30	0.33	0.28	0.33	0.27	0.30	0.27	0.28	0.27	0.27	0.25	0.28	0.25	0.29	0.30
125	0.39	0.43	0.37	0.40	0.37	0.39	0.36	0.38	0.36	0.36	0.32	0.35	0.30	0.34	0.29	0.34	0.31	0.35	0.36
130	0.46	0.48	0.46	0.46	0.42	0.45	0.42	0.45	0.40	0.43	0.38	0.42	0.37	0.40	0.38	0.40	0.37	0.42	0.42
135	0.51	0.53	0.50	0.53	0.48	0.52	0.47	0.51	0.46	0.49	0.46	0.48	0.44	0.46	0.43	0.46	0.45	0.48	0.48
140	0.56	0.60	0.56	0.59	0.56	0.58	0.55	0.57	0.53	0.54	0.50	0.54	0.49	0.53	0.48	0.51	0.50	0.54	0.54
145	0.63	0.66	0.60	0.64	0.59	0.63	0.60	0.63	0.59	0.61	0.57	0.60	0.56	0.59	0.56	0.58	0.56	0.60	0.60
150	0.68	0.70	0.66	0.70	0.66	0.68	0.66	0.68	0.65	0.67	0.62	0.65	0.62	0.65	0.61	0.64	0.62	0.65	0.65
155	0.75	0.75	0.71	0.74	0.71	0.73	0.71	0.73	0.69	0.72	0.68	0.70	0.67	0.71	0.66	0.70	0.68	0.71	0.71
160	0.77	0.78	0.76	0.79	0.76	0.78	0.77	0.78	0.76	0.75	0.75	0.76	0.73	0.75	0.74	0.75	0.75	0.76	0.76
165	0.81	0.83	0.80	0.83	0.80	0.81	0.79	0.81	0.77	0.81	0.77	0.79	0.77	0.80	0.78	0.81	0.77	0.81	0.81
170	0.85	0.85	0.84	0.85	0.85	0.86	0.84	0.84	0.83	0.84	0.83	0.85	0.83	0.85	0.82	0.83	0.80	0.84	0.83
175	0.86	0.86	0.86	0.86	0.87	0.86	0.86	0.86	0.87	0.86	0.86	0.86	0.85	0.86	0.85	0.86	0.85	0.88	0.85
180	0.87	0.86	0.86	0.86	0.86	0.86	0.87	0.87	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.86	0.87	0.87	0.86

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-12

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:230.4V I:0.0539A P:11.80W PF:0.9502 Lamp Flux:946.035x1 lm																	
NAME: 5RS086-3000K									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	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375		
5	375	374	374	374	373	373	372	372	371	371	370	370	369	369	369	369	370		
10	370	370	368	366	367	365	364	362	362	360	360	358	360	358	360	358	361		
15	362	359	359	356	357	354	353	350	350	347	347	345	346	344	346	345	348		
20	350	347	346	343	343	340	338	335	334	331	330	328	329	327	329	328	331		
25	334	331	329	326	325	322	320	316	314	311	310	307	308	307	308	308	311		
30	315	311	308	305	304	300	297	293	291	287	286	284	284	283	284	284	287		
35	292	288	284	281	280	276	273	268	265	262	260	258	258	257	258	259	261		
40	266	262	258	255	254	249	246	241	238	234	232	230	230	229	230	231	233		
45	239	235	231	227	226	221	217	213	209	205	203	201	201	200	201	202	204		
50	211	206	202	198	196	192	187	183	178	175	172	171	169	170	170	172	173		
55	180	176	171	168	165	162	156	153	148	145	141	140	138	139	139	141	142		
60	149	146	140	137	134	131	125	122	116	113	109	108	107	107	107	109	110		
65	118	114	109	106	103	99.3	93.6	90.0	84.7	81.5	77.5	76.5	74.6	75.2	74.7	77.1	78.3		
70	86.3	82.7	76.8	74.0	71.2	67.2	60.3	55.6	50.0	48.0	45.3	45.0	43.1	43.7	43.2	45.4	46.6		
75	54.7	51.2	45.5	42.8	39.6	34.5	27.6	23.6	19.6	18.3	16.5	16.4	14.8	15.3	14.8	16.6	17.5		
80	24.8	21.7	16.9	14.8	12.4	9.40	5.76	4.09	2.44	1.68	0.86	0.76	0.46	0.54	0.48	0.80	1.04		
85	3.25	2.10	0.80	0.42	0.27	0.18	0.20	0.15	0.14	0.07	0.09	0.06	0.07	0.06	0.06	0.06	0.08		
90	0.13	0.07	0.08	0.07	0.07	0.08	0.09	0.09	0.09	0.09	0.08	0.09	0.06	0.08	0.07	0.08	0.07		
95	0.07	0.09	0.07	0.09	0.07	0.09	0.09	0.11	0.08	0.12	0.08	0.12	0.08	0.12	0.08	0.12	0.09		
100	0.08	0.11	0.07	0.12	0.09	0.13	0.11	0.15	0.12	0.16	0.14	0.16	0.15	0.17	0.14	0.17	0.13		
105	0.11	0.15	0.14	0.17	0.13	0.18	0.16	0.20	0.17	0.22	0.18	0.22	0.18	0.22	0.18	0.21	0.18		
110	0.17	0.20	0.18	0.22	0.19	0.23	0.21	0.25	0.24	0.27	0.24	0.27	0.26	0.27	0.26	0.26	0.24		
115	0.21	0.26	0.24	0.27	0.25	0.29	0.26	0.31	0.28	0.32	0.30	0.33	0.30	0.33	0.30	0.33	0.29		
120	0.28	0.31	0.29	0.33	0.30	0.34	0.33	0.37	0.35	0.39	0.36	0.40	0.37	0.40	0.37	0.38	0.36		
125	0.35	0.39	0.36	0.39	0.37	0.41	0.38	0.43	0.41	0.45	0.43	0.45	0.41	0.46	0.42	0.45	0.41		
130	0.39	0.44	0.41	0.45	0.42	0.46	0.47	0.50	0.47	0.51	0.48	0.52	0.47	0.52	0.47	0.50	0.47		
135	0.46	0.50	0.47	0.51	0.48	0.52	0.51	0.55	0.53	0.57	0.54	0.57	0.56	0.57	0.55	0.55	0.55		
140	0.50	0.56	0.52	0.56	0.55	0.58	0.56	0.62	0.59	0.63	0.59	0.62	0.58	0.63	0.58	0.61	0.58		
145	0.56	0.62	0.58	0.63	0.59	0.63	0.62	0.67	0.64	0.67	0.65	0.67	0.66	0.69	0.65	0.67	0.65		
150	0.63	0.67	0.63	0.67	0.64	0.68	0.66	0.71	0.68	0.72	0.69	0.72	0.69	0.74	0.68	0.72	0.69		
155	0.69	0.73	0.69	0.72	0.69	0.72	0.71	0.75	0.75	0.77	0.75	0.75	0.75	0.78	0.75	0.78	0.76		
160	0.74	0.78	0.75	0.78	0.76	0.77	0.76	0.79	0.76	0.80	0.78	0.80	0.78	0.81	0.78	0.81	0.79		
165	0.78	0.81	0.79	0.82	0.78	0.82	0.79	0.82	0.81	0.83	0.82	0.84	0.83	0.85	0.82	0.84	0.83		
170	0.83	0.85	0.84	0.85	0.84	0.85	0.85	0.85	0.86	0.86	0.86	0.87	0.86	0.86	0.86	0.85	0.86		
175	0.85	0.86	0.86	0.86	0.87	0.86	0.86	0.87	0.86	0.87	0.87	0.86	0.86	0.86	0.87	0.86	0.87		
180	0.86	0.87	0.86	0.87	0.86	0.85	0.87	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.86	0.87	0.88		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2018-09-12

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: