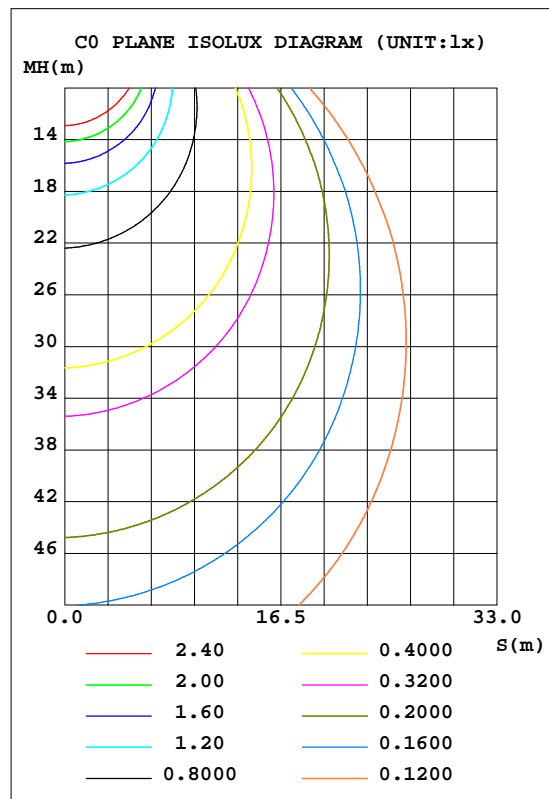
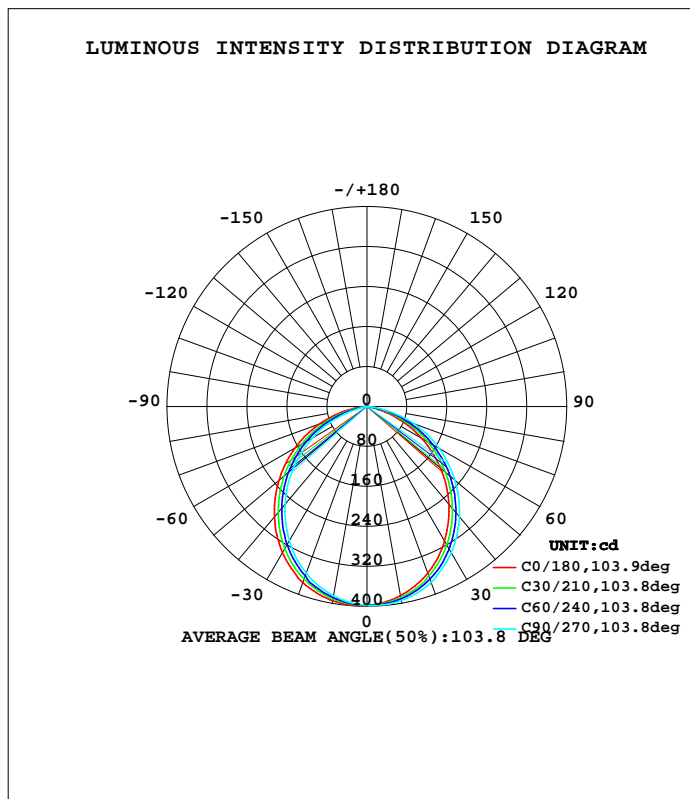


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.4V I:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 85.89 lm/W
MODEL	5RS086-6000K	Imax(cd)	400.0	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)	1005.9	h UP, DN(C0-180)	0.1, 53.0	
NOMINAL FLUX(lm)	1005.85	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.1, 46.8	
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	



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

deg 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	384.5	389.4	394.2	397.2	394.5	389.7	384.7	381.8	0- 10	37.58	37.58	3.74,3.74
20	355.3	363.9	374.8	380.4	375.1	365.1	355.4	348.7	10- 20	106.9	144.5	14.4,14.4
30	310.6	323.8	337.4	346.9	337.9	324.5	310.7	301.7	20- 30	159.4	303.9	30.2,30.2
40	254.9	270.9	287.8	299.3	288.4	271.4	254.9	244.7	30- 40	187.0	490.9	48.8,48.8
50	192.8	210.7	229.5	242.0	230.1	211.2	192.6	181.1	40- 50	186.7	677.6	67.4,67.4
60	125.7	145.4	166.2	178.4	166.6	146.0	125.9	114.4	50- 60	160.0	837.5	83.3,83.3
70	57.56	77.69	99.10	111.8	99.68	78.75	55.40	46.69	60- 70	111.2	948.7	94.3,94.3
80	3.208	14.34	27.97	44.47	33.43	15.78	3.208	0.5968	70- 80	48.59	997.3	99.2,99.2
90	0.0674	0.0739	0.1602	0.3023	0.1646	0.0741	0.0927	0.0836	80- 90	6.073	1003	99.8,99.8
100	0.1347	0.1110	0.1113	0.0836	0.1103	0.1140	0.1360	0.1763	90-100	0.1090	1003	99.8,99.8
110	0.2571	0.2217	0.2102	0.1793	0.1961	0.2125	0.2593	0.2785	100-110	0.1808	1004	99.8,99.8
120	0.3799	0.3543	0.3339	0.2921	0.3187	0.3390	0.3647	0.4054	110-120	0.2825	1004	99.8,99.8
130	0.5083	0.4806	0.4698	0.4115	0.4534	0.4684	0.5006	0.5261	120-130	0.3696	1004	99.8,99.8
140	0.6310	0.6070	0.5935	0.5571	0.5821	0.5978	0.6428	0.6654	130-140	0.4192	1005	99.9,99.9
150	0.7535	0.7271	0.7171	0.6901	0.7107	0.7117	0.7417	0.7774	140-150	0.4173	1005	99.9,99.9
160	0.8393	0.8319	0.8284	0.8046	0.8272	0.8135	0.8345	0.8646	150-160	0.3589	1006	100,100
170	0.9146	0.9028	0.9210	0.8881	0.8945	0.9064	0.9000	0.9376	160-170	0.2450	1006	100,100
180	0.9373	0.9367	0.9334	0.9377	0.9373	0.9428	0.9396	0.9408	170-180	0.0883	1006	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

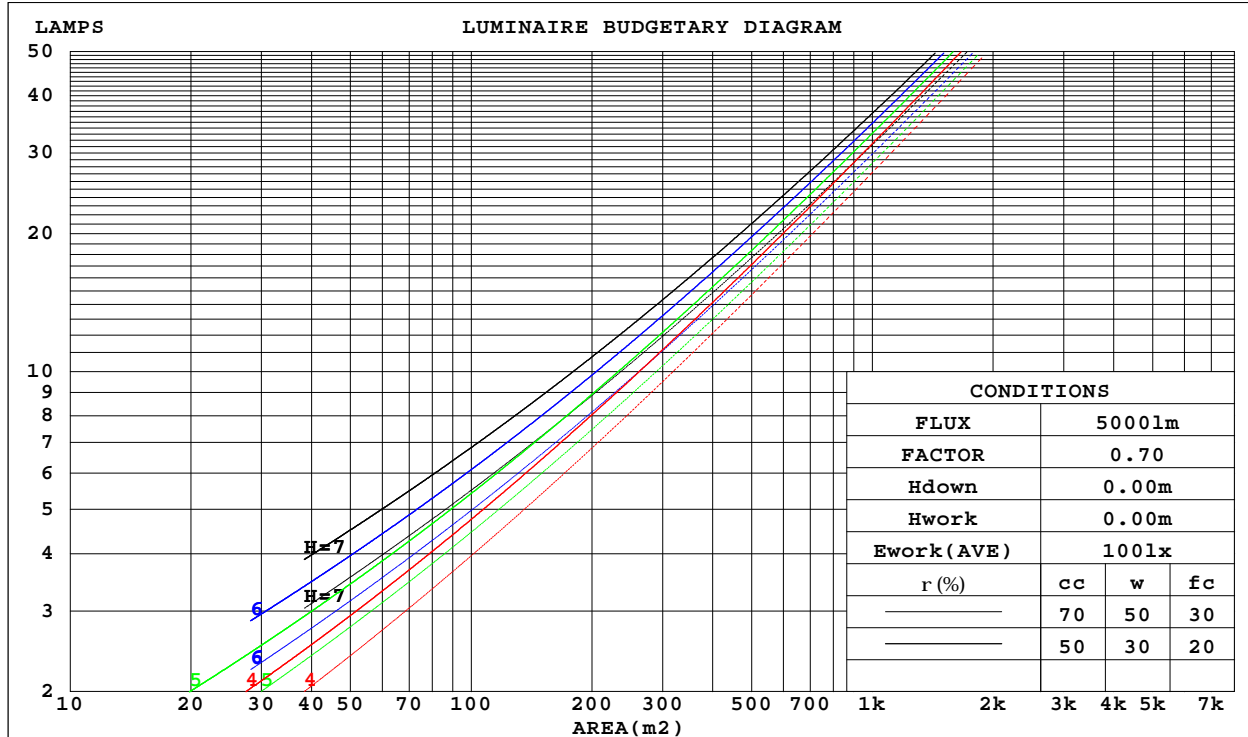
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-12

g Range: 0 - 180DEG  
 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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	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	1.05	1.01	.98	1.03	.90	.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	.42	.40
7.0	.53	.45	.39	.53	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.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

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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	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	.281	.160	.051	.274	.156	.050	.260	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.271	.149	.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	.193	.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	

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
2.0	.180	.158	.139	.154	.136	.119	.105	.093	.082	.061	.054	.048	.019	.017	.016	
3.0	.171	.134	.102	.147	.115	.089	.101	.080	.062	.058	.046	.036	.019	.015	.012	
4.0	.163	.116	.078	.140	.100	.068	.096	.070	.048	.056	.041	.028	.018	.013	.009	
5.0	.156	.103	.062	.134	.089	.054	.092	.062	.038	.053	.036	.022	.017	.012	.007	
6.0	.149	.092	.051	.128	.080	.044	.088	.056	.031	.051	.033	.018	.016	.011	.006	
7.0	.142	.084	.042	.122	.072	.037	.084	.051	.026	.049	.030	.015	.016	.010	.005	
8.0	.135	.077	.036	.116	.067	.031	.080	.047	.022	.047	.027	.013	.015	.009	.004	
9.0	.129	.071	.031	.111	.062	.027	.077	.043	.019	.045	.025	.012	.014	.008	.004	
10.0	.123	.066	.028	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.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  
 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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm										
NAME: 5RS086-6000K					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	27.6	29.1	27.9	29.3	29.5	28.5	30.0	28.8	30.2	30.4
3H	28.5	29.9	28.8	30.1	30.4	29.9	31.3	30.2	31.5	31.7
4H	28.7	30.0	29.0	30.2	30.5	30.4	31.7	30.7	31.9	32.2
6H	28.6	29.8	29.0	30.1	30.4	30.6	31.8	30.9	32.0	32.3
8H	28.6	29.7	28.9	30.0	30.3	30.6	31.7	30.9	32.0	32.3
12H	28.5	29.6	28.9	29.9	30.2	30.5	31.6	30.9	31.9	32.2
4H 2H	28.2	29.5	28.5	29.8	30.0	28.9	30.2	29.3	30.5	30.7
3H	29.3	30.4	29.7	30.7	31.0	30.5	31.6	30.8	31.9	32.2
4H	29.5	30.5	29.9	30.9	31.2	31.0	32.0	31.4	32.3	32.7
6H	29.5	30.4	29.9	30.7	31.1	31.3	32.2	31.7	32.5	32.9
8H	29.5	30.3	29.9	30.7	31.0	31.3	32.1	31.7	32.5	32.9
12H	29.4	30.2	29.8	30.6	31.0	31.3	32.0	31.7	32.4	32.8
8H 4H	29.7	30.5	30.1	30.9	31.3	31.1	31.9	31.5	32.3	32.6
6H	29.7	30.4	30.1	30.8	31.2	31.4	32.0	31.8	32.5	32.9
8H	29.7	30.3	30.1	30.7	31.1	31.4	32.0	31.9	32.4	32.9
12H	29.6	30.1	30.1	30.6	31.1	31.4	31.9	31.9	32.4	32.8
12H 4H	29.7	30.4	30.1	30.8	31.2	31.0	31.8	31.5	32.2	32.6
6H	29.7	30.3	30.1	30.7	31.2	31.3	31.9	31.8	32.4	32.8
8H	29.6	30.2	30.1	30.6	31.1	31.4	31.9	31.9	32.3	32.8
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 / - 0.3				
2.0H	+ 0.4 / - 0.7					+ 0.4 / - 0.5				

CIE Pub.117 Corrected 1006 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

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 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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

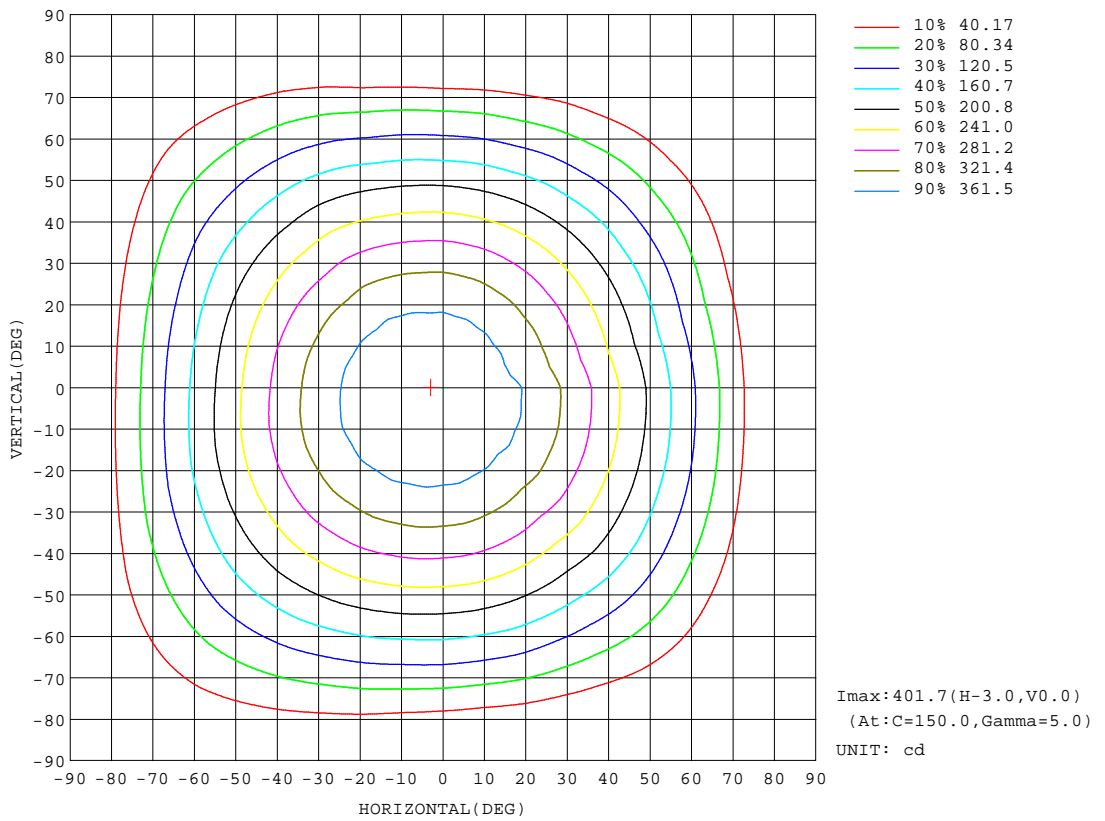
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	42	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	78	68	61	77	67	61	75	69	60	53
1.25	85	76	69	84	75	68	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

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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



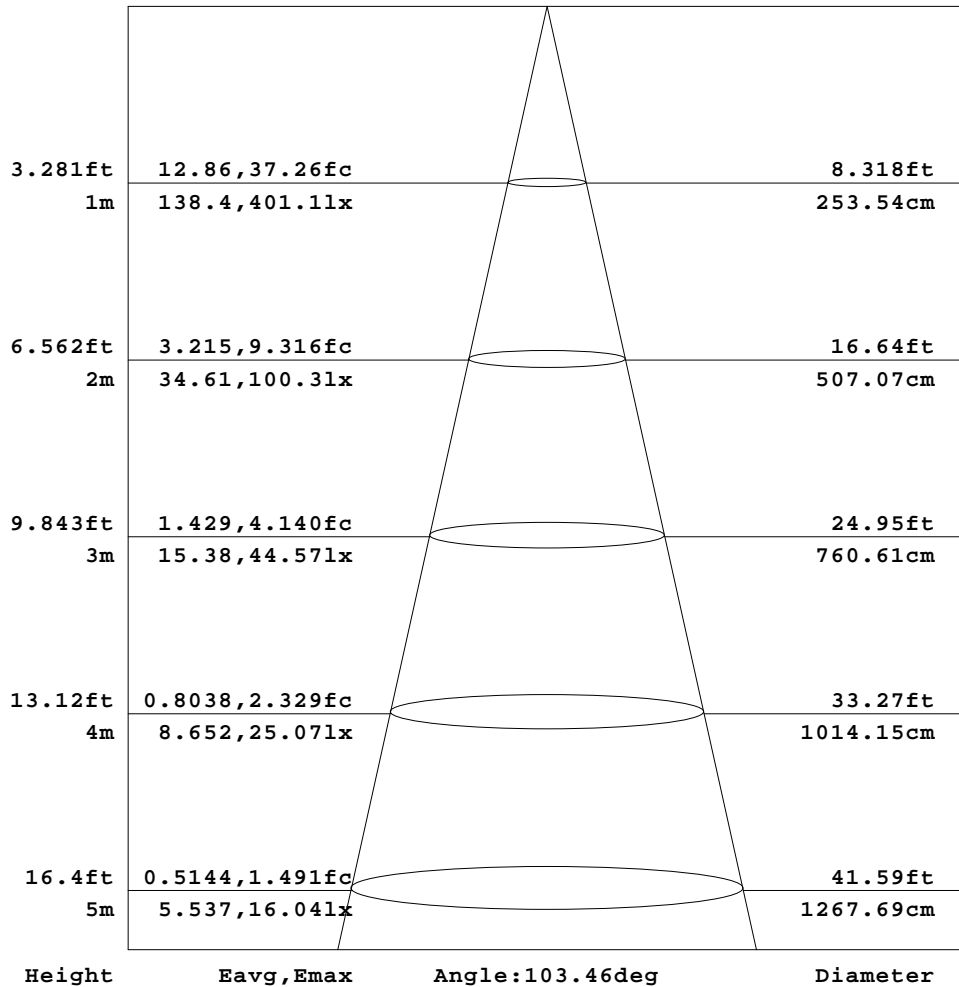
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-12

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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:

Flux out:712.5 lm



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

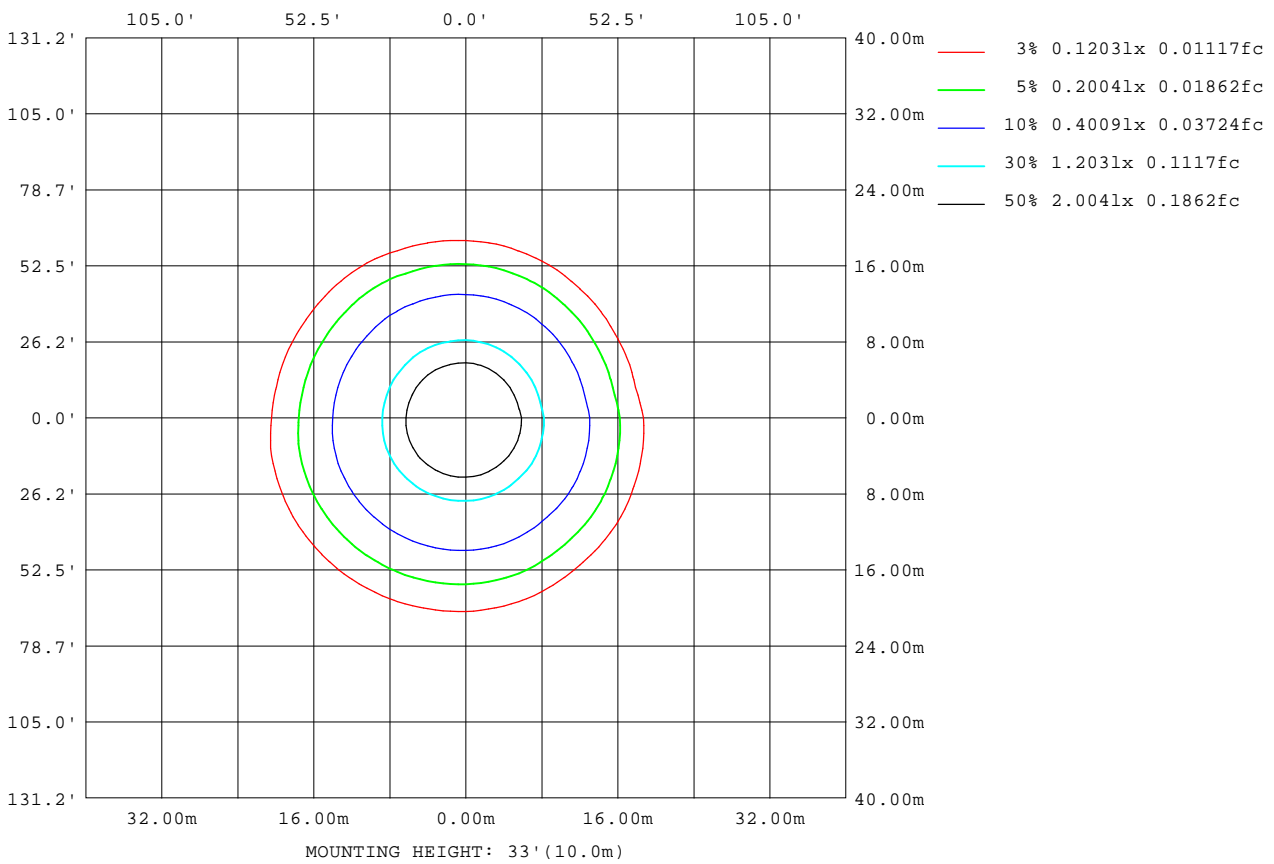
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-09-12

g Range: 0 - 180DEG  
 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

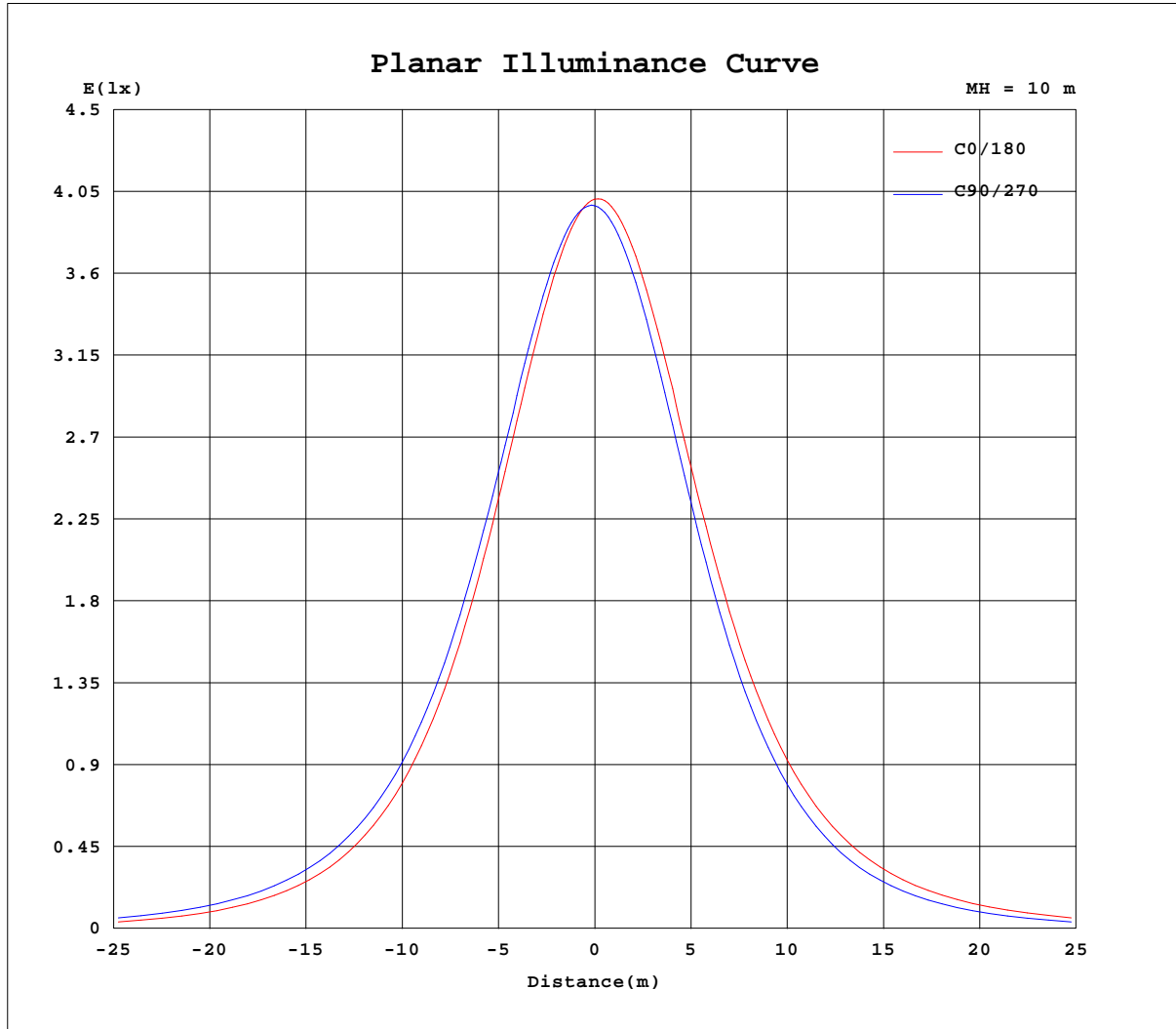
Test:U:230.4V I:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Suzhou Radiant Lighting Technology Co.,Ltd	SUR.:	PROTECTION ANGLE:



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

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: 2018-09-12

deg 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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	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	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398
5	393	394	394	395	396	396	397	397	398	398	398	399	399	400	400	400	400	400	398
10	385	386	387	388	389	390	391	393	393	394	395	396	396	397	397	398	397	397	395
15	372	374	375	377	379	380	381	384	385	386	387	389	389	391	391	392	391	391	387
20	355	356	360	361	364	364	368	372	373	375	376	378	378	380	381	381	381	380	375
25	335	337	340	342	346	346	350	353	356	357	360	361	364	364	366	365	366	364	358
30	311	313	317	320	324	324	329	332	336	337	341	342	345	346	348	347	348	345	338
35	284	287	291	294	298	299	304	308	312	314	317	319	322	323	326	326	326	323	315
40	255	258	262	266	271	271	277	282	286	288	291	293	296	298	300	300	300	297	288
45	225	228	233	236	241	242	248	253	257	260	263	265	269	270	273	273	272	270	260
50	193	197	201	206	210	211	217	223	227	230	233	235	239	241	243	243	243	240	230
55	159	164	168	173	177	179	185	191	196	198	202	204	208	210	212	212	212	209	199
60	126	131	135	140	144	147	152	159	162	166	168	172	174	178	179	181	179	177	167
65	91.6	97.1	101	107	111	113	118	126	129	133	135	139	141	145	146	148	146	144	134
70	57.6	63.0	66.6	72.5	76.5	78.8	84.4	91.6	94.8	99.1	101	106	108	111	112	114	112	111	99.7
75	25.7	30.6	34.0	39.4	43.3	45.0	49.1	54.8	57.3	61.9	65.6	71.2	73.9	77.2	78.6	79.9	78.3	76.6	65.9
80	3.21	5.40	7.31	10.9	13.7	15.0	18.3	22.5	24.2	28.0	31.4	37.0	40.4	43.8	45.2	46.4	44.9	43.4	33.4
85	0.11	0.11	0.18	0.18	0.27	0.30	1.09	2.81	3.84	5.52	6.96	9.75	11.5	14.0	15.1	16.1	14.9	13.8	6.93
90	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.09	0.16	0.16	0.20	0.17	0.26	0.25	0.36	0.47	0.36	0.25	0.16
95	0.09	0.10	0.07	0.10	0.07	0.09	0.08	0.09	0.08	0.09	0.08	0.07	0.07	0.06	0.07	0.06	0.07	0.07	0.07
100	0.13	0.15	0.11	0.14	0.09	0.13	0.10	0.12	0.09	0.11	0.08	0.11	0.07	0.10	0.07	0.10	0.06	0.09	0.11
105	0.18	0.21	0.18	0.19	0.17	0.19	0.15	0.17	0.15	0.16	0.12	0.15	0.11	0.14	0.09	0.14	0.10	0.14	0.15
110	0.26	0.26	0.24	0.25	0.21	0.23	0.19	0.22	0.19	0.21	0.17	0.20	0.17	0.19	0.17	0.19	0.16	0.19	0.20
115	0.31	0.32	0.28	0.31	0.27	0.29	0.27	0.28	0.26	0.27	0.24	0.25	0.22	0.24	0.20	0.25	0.21	0.25	0.26
120	0.38	0.40	0.36	0.37	0.35	0.36	0.33	0.35	0.32	0.33	0.28	0.32	0.29	0.30	0.28	0.30	0.28	0.30	0.32
125	0.46	0.45	0.42	0.44	0.40	0.43	0.38	0.41	0.38	0.40	0.36	0.38	0.36	0.37	0.35	0.37	0.34	0.37	0.37
130	0.51	0.53	0.47	0.50	0.46	0.50	0.46	0.48	0.46	0.47	0.42	0.45	0.41	0.43	0.39	0.43	0.40	0.45	0.45
135	0.57	0.58	0.56	0.57	0.56	0.57	0.53	0.55	0.52	0.53	0.48	0.53	0.48	0.51	0.46	0.50	0.47	0.50	0.51
140	0.63	0.64	0.59	0.63	0.60	0.62	0.59	0.61	0.57	0.59	0.56	0.59	0.55	0.57	0.54	0.56	0.55	0.57	0.58
145	0.68	0.69	0.66	0.69	0.66	0.68	0.66	0.67	0.65	0.66	0.62	0.66	0.61	0.64	0.61	0.63	0.60	0.64	0.65
150	0.75	0.75	0.73	0.75	0.71	0.74	0.70	0.73	0.70	0.72	0.67	0.72	0.68	0.71	0.67	0.69	0.67	0.70	0.71
155	0.80	0.82	0.78	0.79	0.77	0.79	0.76	0.78	0.75	0.78	0.76	0.76	0.75	0.76	0.73	0.74	0.74	0.76	0.78
160	0.84	0.85	0.82	0.84	0.82	0.85	0.81	0.83	0.81	0.83	0.80	0.82	0.79	0.82	0.79	0.80	0.78	0.82	0.83
165	0.88	0.90	0.87	0.88	0.86	0.88	0.85	0.87	0.86	0.86	0.85	0.87	0.84	0.86	0.84	0.85	0.83	0.86	0.87
170	0.91	0.93	0.91	0.92	0.89	0.91	0.89	0.91	0.88	0.92	0.89	0.92	0.90	0.90	0.88	0.89	0.86	0.89	0.89
175	0.92	0.93	0.93	0.94	0.94	0.95	0.94	0.95	0.93	0.95	0.95	0.95	0.93	0.92	0.90	0.92	0.89	0.92	0.92
180	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.94	0.93	0.94	0.94	0.95	0.94

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 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:0.0535A P:11.71W PF:0.9494 Lamp Flux:1005.85x1 lm		
NAME: 5RS086-6000K	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	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398	398		
5	398	397	396	396	396	395	394	394	393	393	393	392	392	392	392	392	392		
10	393	392	391	390	389	388	386	386	385	384	383	383	382	382	381	382	382		
15	385	384	381	380	379	378	375	374	372	372	370	368	368	367	367	365	368		
20	372	371	368	365	365	361	359	356	355	353	352	350	350	348	349	348	350		
25	356	352	350	346	347	342	339	336	335	332	331	329	328	326	326	326	328		
30	335	332	329	325	324	319	316	312	311	308	307	304	303	301	301	301	303		
35	311	307	304	299	299	294	289	286	284	281	279	277	275	273	273	273	276		
40	285	280	277	272	271	266	261	257	255	252	250	247	246	244	244	244	246		
45	256	252	247	243	241	236	231	227	225	222	219	217	215	213	213	213	215		
50	226	221	217	212	210	205	199	195	193	190	187	185	181	181	179	181	182		
55	194	190	184	180	177	173	166	163	159	158	154	152	148	148	146	148	149		
60	161	157	151	147	145	140	133	130	126	124	120	118	115	114	112	114	115		
65	127	124	118	114	111	107	99.2	96.3	92.1	90.4	86.3	84.5	80.7	79.9	77.9	79.7	80.8		
70	93.6	90.1	83.9	80.2	77.3	72.5	64.0	59.9	55.4	54.9	52.0	50.9	47.1	46.3	44.3	46.1	47.0		
75	59.9	56.6	50.6	47.0	44.0	38.1	29.4	25.6	22.3	22.2	20.3	19.7	16.8	16.2	14.6	16.0	16.7		
80	28.0	25.1	20.0	17.0	14.6	10.9	6.16	4.57	3.21	2.79	1.73	1.32	0.64	0.55	0.34	0.51	0.62		
85	4.17	2.91	1.33	0.63	0.37	0.20	0.20	0.15	0.16	0.09	0.09	0.07	0.08	0.07	0.07	0.07	0.07		
90	0.14	0.09	0.09	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.08	0.09	0.07	0.09	0.07	0.09	0.07		
95	0.07	0.09	0.07	0.09	0.07	0.10	0.09	0.12	0.09	0.12	0.08	0.13	0.10	0.14	0.10	0.13	0.10		
100	0.07	0.12	0.09	0.13	0.10	0.15	0.12	0.17	0.14	0.16	0.14	0.17	0.16	0.19	0.16	0.19	0.16		
105	0.13	0.16	0.13	0.18	0.17	0.19	0.17	0.21	0.18	0.22	0.19	0.23	0.19	0.23	0.20	0.24	0.20		
110	0.18	0.22	0.19	0.23	0.20	0.24	0.23	0.27	0.26	0.28	0.26	0.29	0.27	0.29	0.27	0.30	0.27		
115	0.25	0.27	0.25	0.28	0.26	0.30	0.28	0.33	0.30	0.34	0.31	0.34	0.32	0.35	0.34	0.36	0.32		
120	0.30	0.34	0.31	0.35	0.33	0.37	0.36	0.40	0.36	0.41	0.37	0.41	0.39	0.42	0.40	0.42	0.38		
125	0.36	0.40	0.38	0.42	0.39	0.44	0.41	0.46	0.45	0.48	0.45	0.48	0.46	0.48	0.47	0.49	0.46		
130	0.43	0.47	0.46	0.48	0.46	0.51	0.48	0.53	0.50	0.54	0.51	0.55	0.51	0.54	0.53	0.55	0.51		
135	0.50	0.53	0.51	0.55	0.52	0.57	0.56	0.59	0.56	0.59	0.57	0.61	0.58	0.61	0.58	0.61	0.57		
140	0.56	0.60	0.57	0.61	0.59	0.64	0.62	0.65	0.64	0.66	0.64	0.66	0.66	0.67	0.65	0.66	0.64		
145	0.63	0.66	0.65	0.66	0.65	0.69	0.67	0.71	0.68	0.72	0.68	0.72	0.69	0.74	0.71	0.73	0.68		
150	0.69	0.71	0.69	0.73	0.70	0.73	0.74	0.76	0.74	0.78	0.75	0.76	0.76	0.79	0.76	0.77	0.76		
155	0.75	0.77	0.75	0.78	0.76	0.78	0.77	0.80	0.79	0.82	0.79	0.82	0.79	0.83	0.79	0.83	0.79		
160	0.80	0.82	0.79	0.82	0.81	0.84	0.83	0.85	0.83	0.87	0.84	0.87	0.85	0.88	0.85	0.87	0.85		
165	0.84	0.87	0.85	0.87	0.85	0.88	0.87	0.90	0.87	0.90	0.88	0.90	0.88	0.92	0.87	0.90	0.88		
170	0.88	0.90	0.89	0.91	0.90	0.92	0.89	0.93	0.90	0.93	0.91	0.94	0.93	0.95	0.93	0.93	0.92		
175	0.91	0.92	0.92	0.92	0.94	0.94	0.93	0.95	0.94	0.94	0.95	0.95	0.95	0.95	0.94	0.93	0.94		
180	0.94	0.93	0.94	0.94	0.94	0.93	0.95	0.95	0.94	0.92	0.93	0.94	0.95	0.93	0.94	0.94	0.93		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
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g Range: 0 - 180DEG  
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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
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