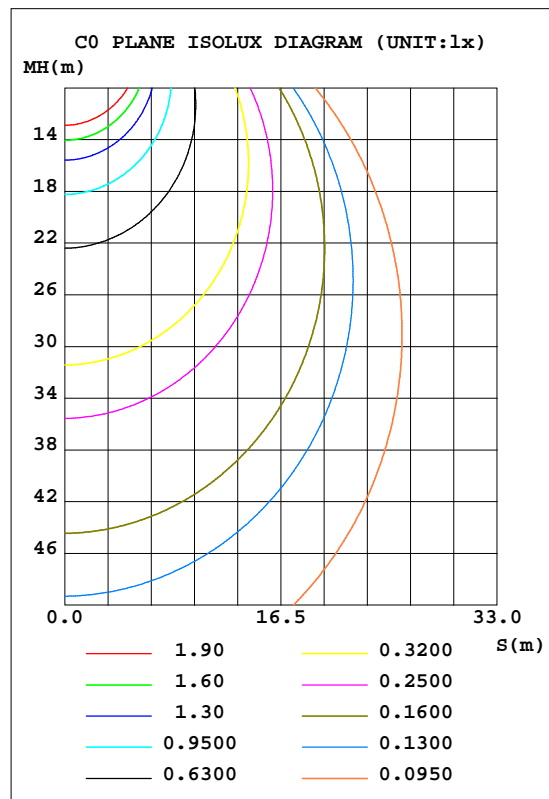
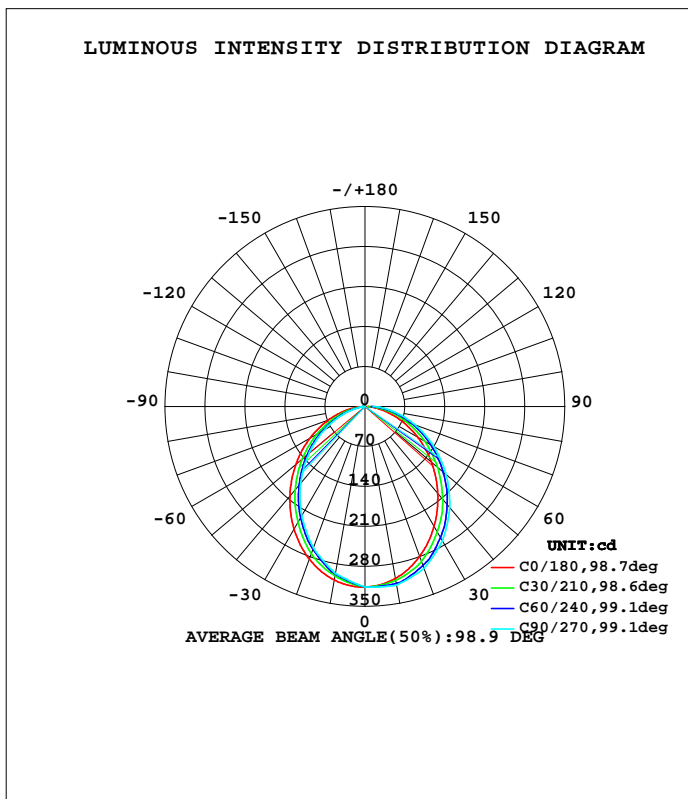


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDTSUR.:0.005407	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.87 lm/W			
MODEL	5RS024-4000K	I <sub>max</sub> (cd)	317.9	S/MH(C0/180)	1.15
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	781.69	h UP, DN(C0-180)	0.0, 55.9
NOMINAL FLUX(lm)	781.693	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 44.1
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.4	h down(%)	100.0	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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
5	313.2	315.1	316.9	316.1	314.6	308.7	306.5	307.7	0- 5	7.501	7.501	0.96,0.96
10	305.8	311.7	317.8	314.1	308.6	299.3	297.0	297.3	5- 10	22.11	29.61	3.79,3.79
15	294.6	305.1	309.9	308.5	298.6	287.1	280.4	284.2	10- 15	35.69	65.30	8.35,8.35
20	279.7	292.1	302.1	296.2	284.7	269.3	263.8	266.0	15- 20	47.52	112.8	14.4,14.4
25	262.0	277.9	286.8	282.5	267.7	250.6	242.7	247.1	20- 25	57.25	170.1	21.8,21.8
30	242.1	259.9	271.4	265.0	248.4	229.6	221.6	225.8	25- 30	64.44	234.5	30,30
35	220.8	239.5	251.2	245.0	227.1	207.2	198.4	203.2	30- 35	69.05	303.6	38.8,38.8
40	198.3	218.8	231.0	224.5	204.6	184.7	175.1	180.5	35- 40	70.99	374.6	47.9,47.9
45	175.4	195.7	208.2	201.2	181.5	160.8	151.6	156.8	40- 45	70.43	445.0	56.9,56.9
50	152.3	173.6	185.4	178.6	158.2	137.5	128.0	133.9	45- 50	67.54	512.5	65.6,65.6
55	129.0	149.8	162.0	154.8	134.7	114.2	105.0	110.5	50- 55	62.58	575.1	73.6,73.6
60	106.2	126.9	138.5	131.8	111.6	91.67	82.05	87.85	55- 60	55.86	631.0	80.7,80.7
65	83.80	104.1	115.5	108.3	88.88	69.61	61.11	66.12	60- 65	47.72	678.7	86.8,86.8
70	62.22	81.98	92.41	85.81	66.88	49.02	40.16	45.91	65- 70	38.59	717.3	91.8,91.8
75	42.14	60.44	70.87	64.13	46.34	29.98	23.87	27.22	70- 75	28.96	746.2	95.5,95.5
80	24.33	40.92	49.33	44.02	27.79	14.45	7.574	12.27	75- 80	19.51	765.8	98,98
85	9.346	23.48	31.76	25.93	12.03	4.096	3.836	2.826	80- 85	11.08	776.8	99.4,99.4
90	0.0679	8.168	14.19	10.03	0.0726	0.1049	0.0988	0.1172	85- 90	4.856	781.7	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

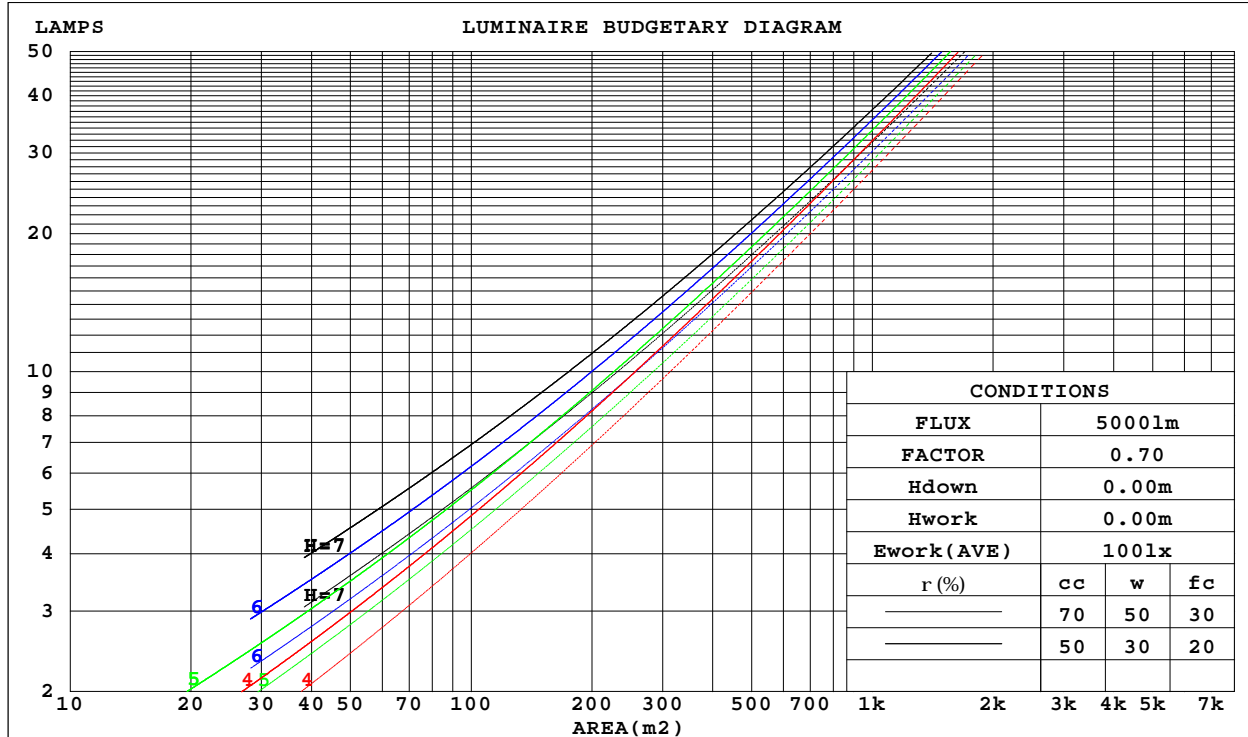
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	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	1.00
1.0	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.64	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.59	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 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:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	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	.301	.171	.054	.294	.168	.053	.281	.161	.051	.269	.155	.050	.258	.149	.048	
2.0	.283	.155	.048	.277	.152	.047	.265	.147	.046	.254	.143	.045	.244	.138	.044	
3.0	.262	.139	.042	.257	.137	.041	.246	.134	.041	.237	.130	.040	.228	.126	.039	
4.0	.242	.126	.037	.238	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.033	.205	.108	.032	.198	.106	.032	
6.0	.209	.105	.030	.205	.103	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.080	.023	.158	.079	.023	.153	.078	.023	
10.0	.161	.077	.021	.158	.076	.021	.154	.075	.021	.149	.074	.021	.145	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.075	.140	.099	.065	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.105	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 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:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm										
NAME: 5RS024-4000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:001		
MFR.: Su Zhou Radiant Lighting Technology Co.,					LDSUR.:0.005407			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	26.0	27.5	26.3	27.7	27.9	27.0	28.5	27.3	28.7	28.9
3H	27.3	28.7	27.6	28.9	29.1	28.7	30.1	29.0	30.3	30.5
4H	27.8	29.1	28.1	29.3	29.6	29.5	30.8	29.8	31.0	31.3
6H	28.1	29.4	28.5	29.6	29.9	30.2	31.4	30.5	31.7	31.9
8H	28.2	29.4	28.6	29.7	30.0	30.5	31.7	30.8	31.9	32.2
12H	28.3	29.4	28.6	29.7	30.0	30.8	31.9	31.1	32.2	32.5
4H 2H	26.8	28.1	27.1	28.3	28.6	27.5	28.8	27.8	29.1	29.3
3H	28.3	29.4	28.6	29.7	30.0	29.4	30.6	29.8	30.9	31.2
4H	28.9	30.0	29.3	30.3	30.6	30.4	31.4	30.8	31.7	32.1
6H	29.4	30.3	29.8	30.7	31.0	31.2	32.2	31.6	32.5	32.9
8H	29.5	30.4	30.0	30.8	31.2	31.6	32.5	32.0	32.9	33.2
12H	29.6	30.4	30.1	30.8	31.2	32.0	32.8	32.5	33.2	33.6
8H 4H	29.4	30.2	29.8	30.6	31.0	30.6	31.5	31.0	31.9	32.2
6H	30.0	30.8	30.5	31.2	31.6	31.7	32.4	32.1	32.8	33.2
8H	30.3	30.9	30.8	31.4	31.8	32.2	32.9	32.7	33.3	33.7
12H	30.5	31.0	30.9	31.5	31.9	32.8	33.3	33.3	33.8	34.2
12H 4H	29.4	30.2	29.9	30.6	31.0	30.6	31.4	31.1	31.8	32.2
6H	30.2	30.8	30.7	31.3	31.7	31.8	32.4	32.2	32.8	33.3
8H	30.5	31.1	31.0	31.5	32.0	32.3	32.9	32.8	33.3	33.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 781.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 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:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:

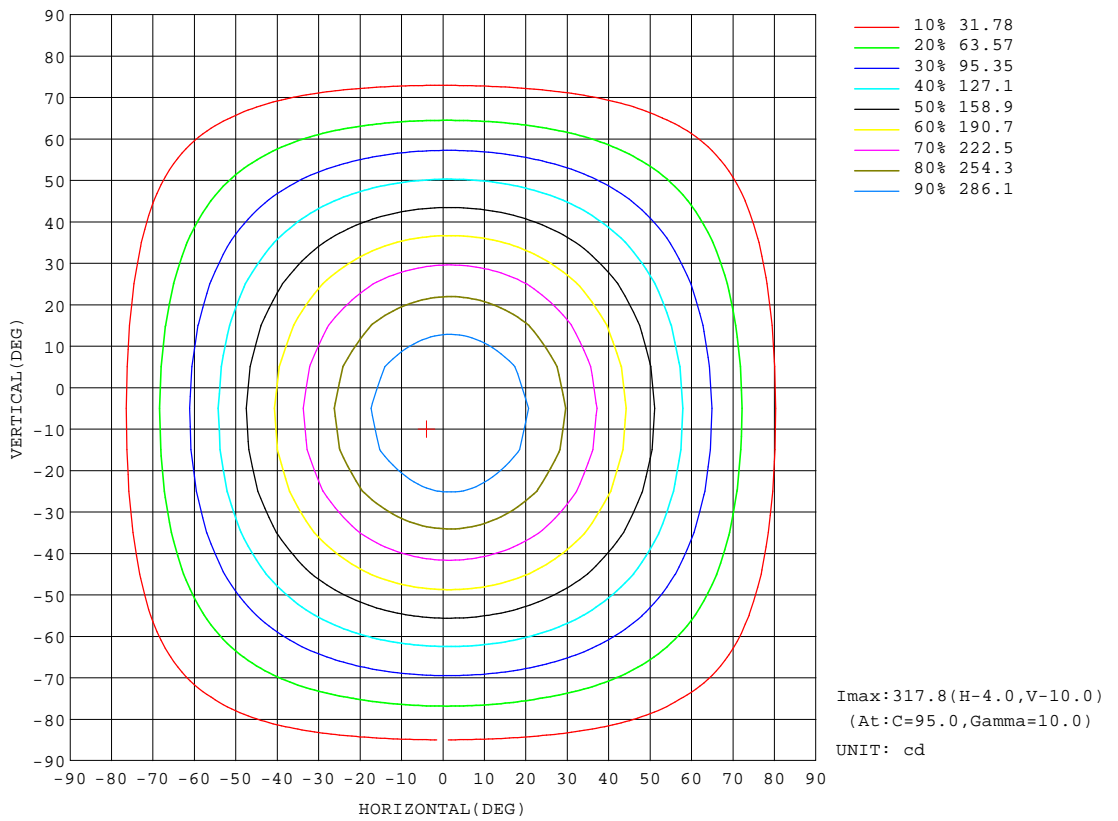
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	59	48	41	58	47	41	35
0.80	69	58	51	68	58	51	67	57	50	44
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	74	68	83	74	67	80	72	66	59
1.50	89	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	86	98	91	85	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:



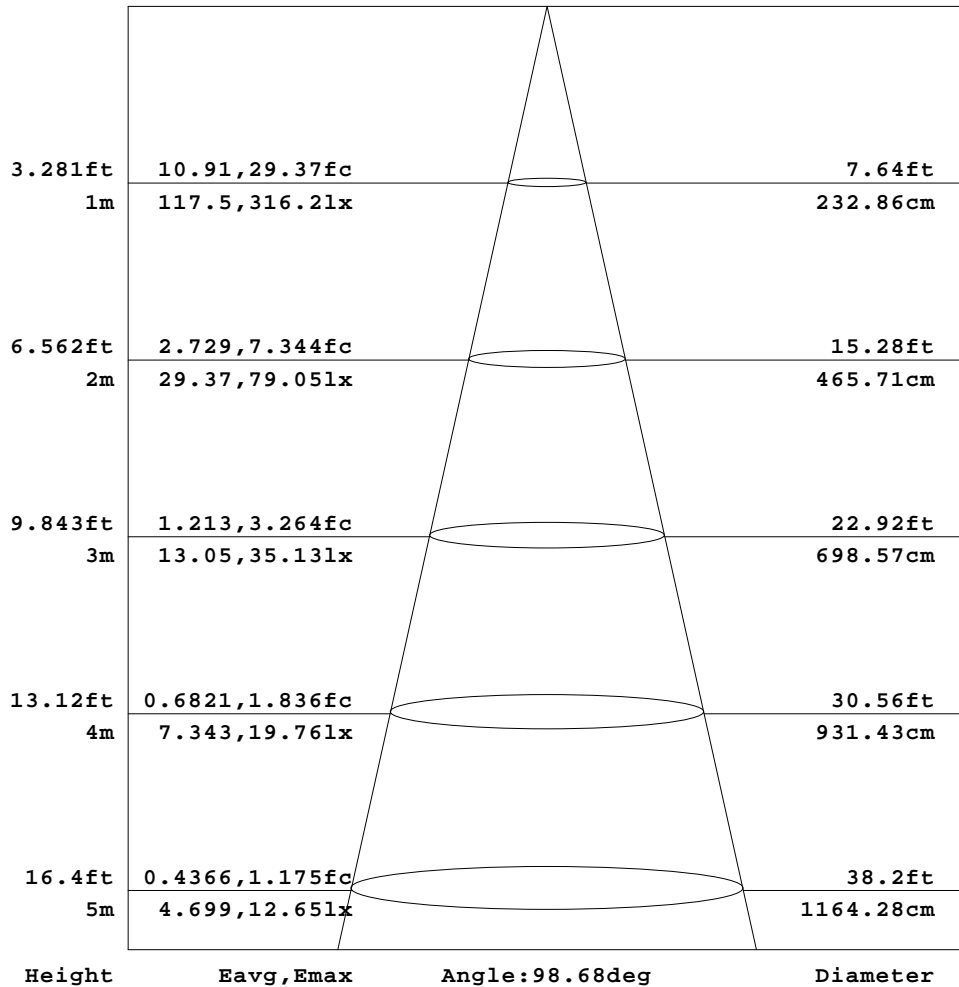
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2016-12-16

Range: 0 - 90DEG  
Interval: 0.5DEG  
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:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDTSUR.:0.005407	PROTECTION ANGLE:

Flux out:506.0 lm



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

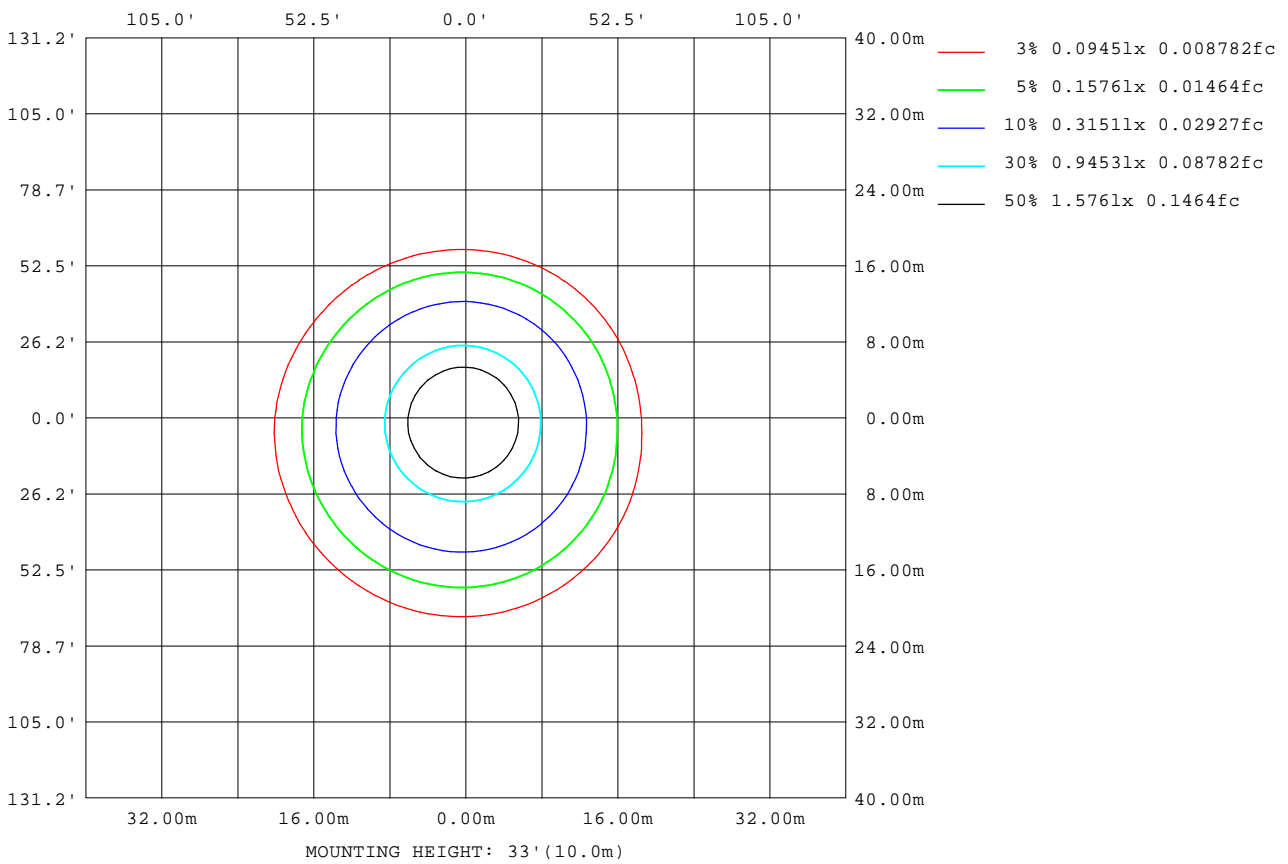
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

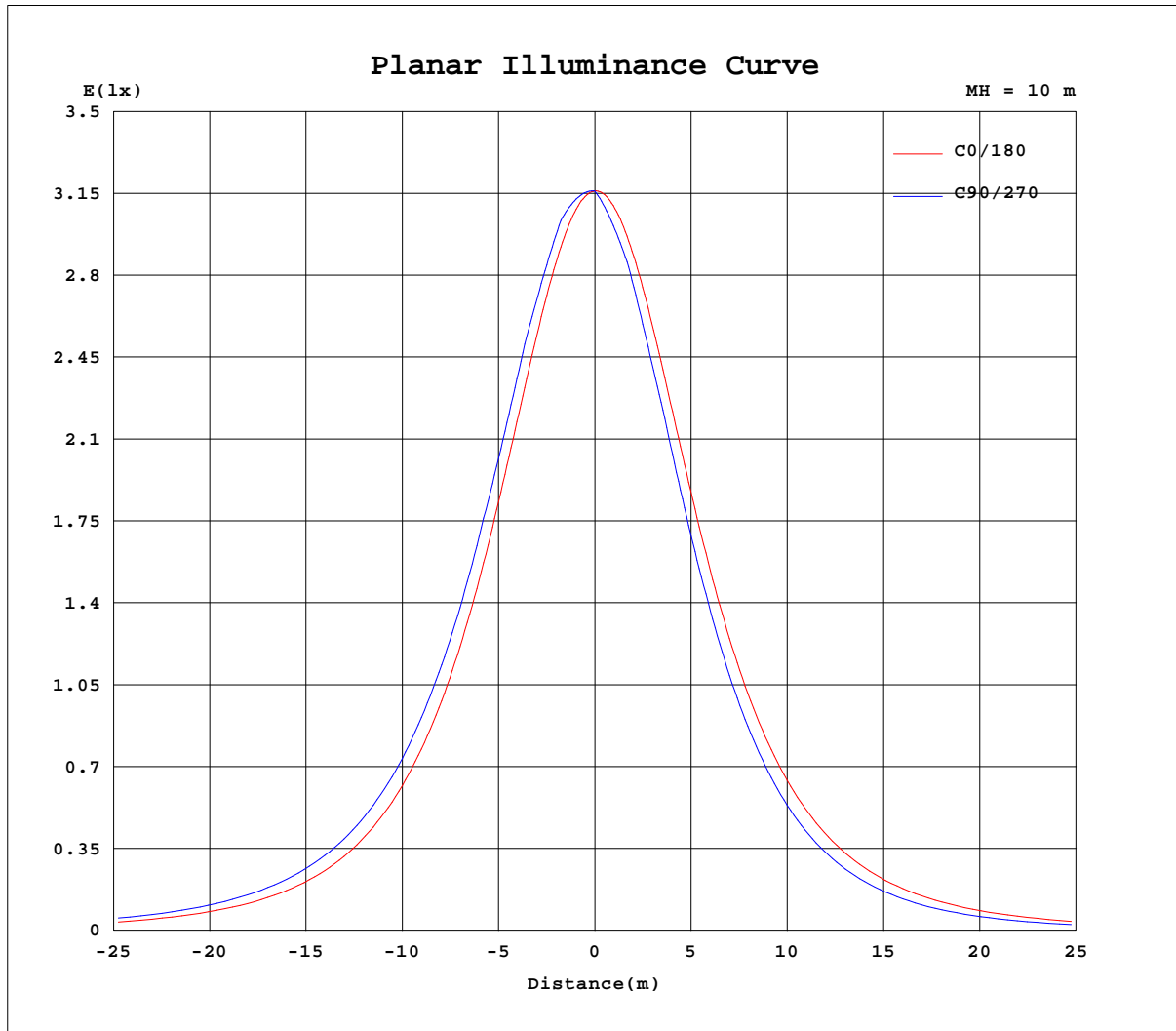
Test:U:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2016-12-16

deg Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., LDTSUR., PROTECTION ANGLE. Row 1: Test:U:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm

Table--1

UNIT: cd

Large grid table with C(DEG) on the y-axis (0 to 90) and g( DEG) on the x-axis (0 to 90). Contains numerical data for luminous intensity distribution.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2016-12-16

g Range: 0 - 90DEG
Interval: 0.5DEG
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:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	317	317	317	317	317	317	317	316	316	316	316	315	315	315	315	315	315	315	314
10	318	318	318	317	317	316	316	315	314	313	312	312	311	310	310	309	309	309	307
15	310	310	310	310	310	309	309	309	309	308	306	305	303	302	301	300	299	299	296
20	302	302	302	301	300	299	298	297	296	295	295	294	292	290	288	286	285	285	282
25	287	287	287	287	286	286	285	284	282	281	279	278	277	275	272	270	269	268	265
30	272	272	271	270	269	268	267	266	265	264	262	260	258	257	254	251	249	248	245
35	251	251	251	251	250	250	249	247	245	243	242	240	237	235	234	231	228	227	224
40	231	231	231	230	229	228	227	226	225	222	220	218	216	213	211	209	206	205	201
45	208	208	208	208	207	206	205	203	201	200	198	195	193	191	188	187	183	182	178
50	186	186	185	185	184	183	181	180	179	176	174	173	170	168	165	163	160	158	155
55	162	162	162	161	160	159	158	157	155	153	151	149	147	144	142	139	137	135	132
60	139	139	138	138	137	136	135	133	132	130	128	126	123	122	119	116	114	112	109
65	116	115	115	115	114	113	111	110	108	107	105	103	100	98.1	96.2	93.6	91.6	88.9	86.8
70	92.6	92.5	92.2	91.7	91.0	90.0	88.8	87.4	85.8	84.1	82.2	80.2	78.4	75.8	73.7	71.4	69.2	66.9	64.7
75	71.0	70.9	70.5	70.0	69.2	68.3	67.0	65.6	64.1	62.5	60.7	58.8	56.8	55.0	52.7	50.6	48.4	46.3	44.3
80	49.4	49.4	49.1	48.7	48.1	47.4	46.4	45.3	44.0	42.5	40.9	39.1	37.3	35.3	33.4	31.5	29.7	27.8	26.2
85	31.8	31.7	31.4	30.9	30.2	29.4	28.4	27.2	25.9	24.5	23.0	21.4	20.0	18.5	16.9	15.2	13.6	12.0	10.8
90	14.3	14.2	13.9	13.6	13.1	12.5	11.8	11.0	10.0	9.01	7.89	6.74	5.56	4.42	3.33	2.36	0.63	0.07	0.10

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

E:\周磊\老产品汇总\5RS044Y\5RS024-4000K.GOS

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316
5	313	312	312	311	310	310	309	309	308	308	308	307	307	307	307	307	307	306	306
10	306	304	303	302	301	301	300	299	299	298	298	298	298	297	297	297	297	297	297
15	294	293	291	290	289	289	288	287	286	284	283	283	282	281	281	281	280	280	280
20	280	278	277	276	275	273	271	269	268	267	266	266	265	265	264	264	264	264	264
25	262	261	260	258	255	253	252	251	250	248	247	246	245	244	243	243	243	243	243
30	243	241	239	237	235	233	232	230	228	227	225	224	223	223	222	222	222	221	221
35	221	220	217	215	213	211	209	207	206	205	203	202	201	200	199	199	198	198	198
40	199	197	194	193	190	188	186	185	183	181	180	178	177	177	176	175	175	175	175
45	177	173	171	169	167	165	163	161	159	158	156	155	154	153	152	152	152	151	151
50	153	150	148	146	144	141	139	138	136	134	133	132	130	130	129	128	128	128	128
55	129	127	125	123	120	118	116	114	113	111	110	108	107	107	106	105	105	105	105
60	106	104	102	99.5	97.4	95.3	93.4	91.7	90.0	88.4	87.0	85.7	84.6	83.7	82.9	82.4	82.1	82.0	82.1
65	84.1	82.1	79.4	77.3	75.2	73.4	71.5	69.6	67.9	66.3	65.2	64.2	63.3	62.5	61.9	61.4	61.1	61.0	61.1
70	62.4	60.3	58.1	56.2	54.2	52.3	50.4	49.0	47.6	46.3	45.0	43.8	42.7	41.7	41.0	40.5	40.2	40.1	40.3
75	42.4	40.3	38.5	36.6	34.8	33.3	31.7	30.0	28.7	27.8	27.0	26.2	25.5	24.9	24.5	24.1	23.9	23.8	23.8
80	24.4	22.7	21.1	19.5	17.9	16.8	15.6	14.4	13.3	12.2	11.1	10.2	9.39	8.70	8.17	7.77	7.57	7.52	7.65
85	9.35	8.04	6.89	5.52	4.13	4.11	4.10	4.10	4.09	4.09	4.07	4.05	4.02	3.99	3.95	3.89	3.84	3.76	3.69
90	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 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:230.3V I:0.0371A P:7.674W PF:0.8988 Lamp Flux:781.693x1 lm		
NAME: 5RS024-4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Su Zhou Radiant Lighting Technology Co.,	LDSUR.:0.005407	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316				
5	307	307	307	307	307	307	308	308	309	309	310	310	311	312	312				
10	297	297	297	297	297	297	297	298	298	299	300	301	302	303	304				
15	280	281	281	281	282	283	284	285	286	286	287	288	289	290	292				
20	264	264	264	264	265	265	266	267	269	270	271	272	273	275	277				
25	243	243	244	245	246	247	247	248	249	250	252	254	255	257	259				
30	221	222	222	223	223	224	226	228	229	230	231	233	235	236	239				
35	198	199	199	200	201	202	203	205	206	208	209	211	214	215	217				
40	175	176	176	177	178	179	181	182	183	185	187	188	191	193	195				
45	152	152	153	154	155	156	157	158	160	162	164	166	167	170	172				
50	128	129	129	130	131	132	134	135	137	139	140	143	145	147	149				
55	105	106	106	107	108	109	110	112	114	115	117	119	122	123	126				
60	82.4	82.9	83.6	84.5	85.5	86.6	87.9	89.3	91.0	93.0	94.6	96.7	98.7	101	103				
65	61.3	61.7	62.2	62.9	63.6	64.8	66.1	67.6	69.1	70.7	72.8	74.6	76.6	79.2	81.0				
70	40.6	41.2	41.9	42.8	43.8	44.8	45.9	47.0	48.5	50.1	51.8	53.7	55.5	57.5	59.5				
75	24.0	24.2	24.6	25.1	25.6	26.2	27.2	28.7	30.1	31.4	32.9	34.4	36.2	37.9	40.0				
80	7.96	8.39	8.96	9.67	10.5	11.3	12.3	13.2	14.2	15.1	16.5	18.0	19.3	20.9	22.4				
85	3.61	3.50	3.39	3.27	3.13	2.98	2.83	2.66	2.47	2.26	3.52	4.65	5.45	6.73	7.95				
90	0.10	0.10	0.10	0.10	0.10	0.10	0.12	0.12	0.11	0.11	0.11	0.12	0.10	0.10	0.10				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2016-12-16

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks: