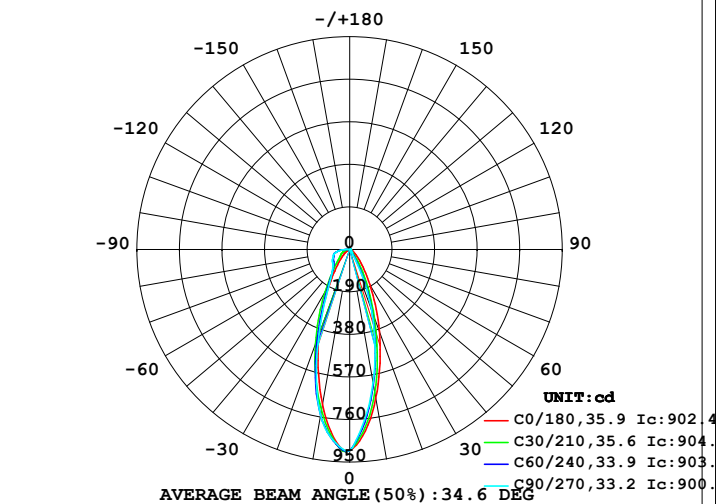


## LUMINAIRE PHOTOMETRIC TEST REPORT

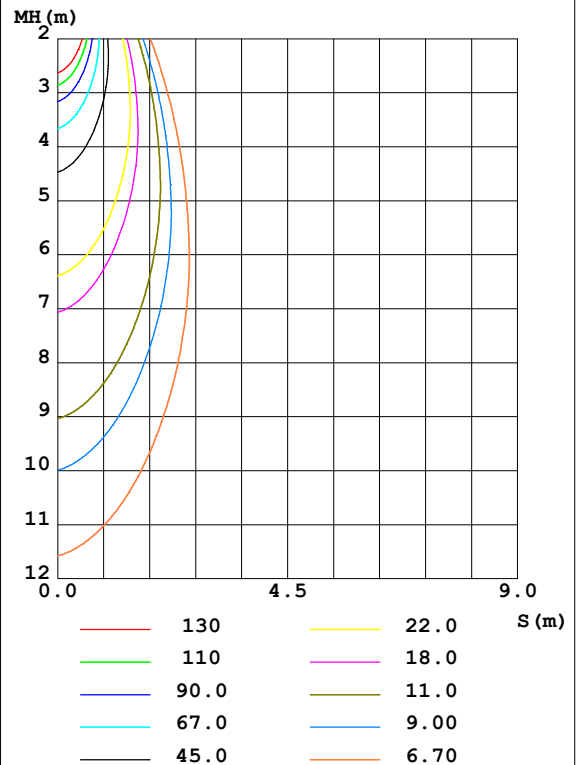
Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm					
NAME: REG2075RW-11E40-F		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:66		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 50.12 lm/W
MODEL	4000K CRI80	I <sub>max</sub> (cd)	904.1	S/MH (C0/180)	0.59	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.60	
RATED VOLTAGE (V)	226	TOTAL FLUX (lm)	526.24	η UP, DN (C0-180)	0.0, 32.5	
NOMINAL FLUX (lm)	526.237	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 67.5	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	225.3	η down (%)	100.0	CIBSE SHR MAX	0.60	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: BingYu  
 Test Date: 2019-11-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity: 65.0%  
 Test Distance: 7.240m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	674.4	631.2	604.4	640.3	702.0	738.9	751.9	728.8	0- 10	73.87	73.87	14,14
20	389.3	307.2	284.2	314.6	404.4	437.5	401.8	431.0	10- 20	144.3	218.1	41.5,41.5
30	180.5	90.86	43.67	93.64	181.9	207.7	187.2	204.4	20- 30	111.9	330.1	62.7,62.7
40	78.38	14.81	11.02	14.29	75.76	114.0	120.3	111.1	30- 40	61.89	392.0	74.5,74.5
50	35.27	4.039	2.292	3.541	34.25	80.64	99.04	77.63	40- 50	40.07	432.0	82.1,82.1
60	14.30	0.2695	1.779	0.0588	14.55	69.95	89.69	67.55	50- 60	32.07	464.1	88.2,88.2
70	4.323	0.3321	0.6198	0.1882	3.676	64.66	77.62	56.69	60- 70	28.71	492.8	93.6,93.6
80	1.449	0.5237	0.9901	0.4508	0.9106	44.08	55.90	37.12	70- 80	22.94	515.7	98,98
90	0.4928	1.001	1.896	0.9525	0.3130	0.5211	0.7570	0.1344	80- 90	10.45	526.2	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0391	526.2	100,100
110	0	0	0	0	0	0	0	0	100-110	0	526.2	100,100
120	0	0	0	0	0	0	0	0	110-120	0	526.2	100,100
130	0	0	0	0	0	0	0	0	120-130	0	526.2	100,100
140	0	0	0	0	0	0	0	0	130-140	0	526.2	100,100
150	0	0	0	0	0	0	0	0	140-150	0	526.2	100,100
160	0	0	0	0	0	0	0	0	150-160	0	526.2	100,100
170	0	0	0	0	0	0	0	0	160-170	0	526.2	100,100
180	0	0	0	0	0	0	0	0	170-180	0	526.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 413.56 lm

%lum = 78.6%

%lamp = 78.6%

Conical surface Flux(120deg): 464.1 lm

%lum = 88.2%

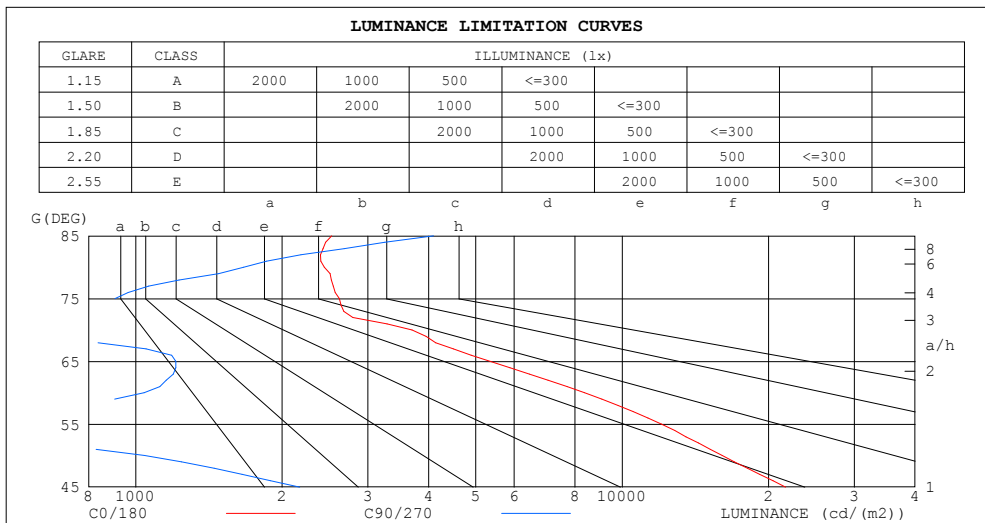
%lamp = 88.2%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:BingYu  
 Test Date:2019-11-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:7.240m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2526	4095
80	2442	1667
75	2620	906
70	3699	530
65	5352	1208
60	8370	1040
55	12047	515
50	16061	1043
45	21659	2173

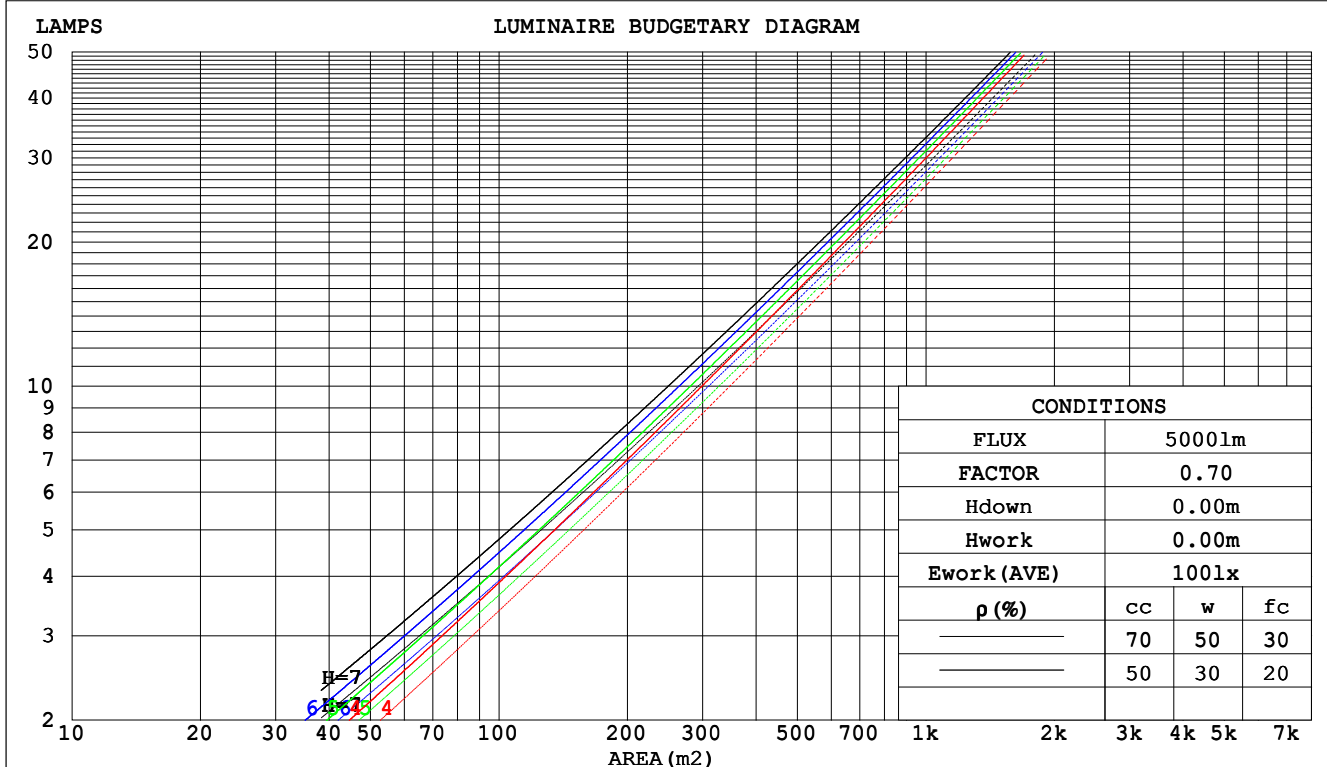
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.08	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.97	.96	.94	.94	.92	.91	.89
2.0	.98	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.84	.87	.84	.82	.80
3.0	.90	.84	.79	.89	.83	.79	.86	.81	.77	.84	.80	.76	.81	.78	.75	.73
4.0	.84	.77	.72	.83	.76	.72	.80	.75	.71	.78	.74	.70	.76	.72	.69	.67
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.66	.74	.69	.65	.72	.68	.64	.63
6.0	.73	.67	.62	.72	.66	.61	.71	.65	.61	.69	.64	.61	.68	.64	.60	.59
7.0	.69	.62	.58	.68	.62	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.55
8.0	.65	.59	.54	.65	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.53	.52
9.0	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.59	.54	.51	.49
10.0	.59	.53	.49	.58	.52	.49	.57	.52	.48	.57	.52	.48	.56	.51	.48	.47



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:BingYu  
 Test Date:2019-11-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:7.240m [K=1.0000]  
 Remarks:

### WEC AND CCEC

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm								
NAME: REG2075RW-11E40-F				TYPE:			WEIGHT:	
SPEC.:				DIM.:			SERIAL No.:	
MFR.:				SUR.:66			Shielding Angle:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.238	.135	.043	.231	.132	.042	.218	.125	.040	.206	.119	.038	.195	.113	.036	
2.0	.217	.119	.037	.211	.116	.036	.200	.111	.035	.190	.107	.033	.181	.102	.032	
3.0	.199	.106	.032	.194	.104	.031	.185	.100	.030	.176	.096	.030	.168	.093	.029	
4.0	.184	.096	.028	.180	.094	.028	.171	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.025	.153	.081	.024	.147	.079	.024	
6.0	.160	.080	.023	.156	.079	.023	.150	.077	.022	.144	.075	.022	.138	.073	.022	
7.0	.150	.074	.021	.147	.073	.021	.141	.071	.021	.136	.070	.020	.131	.068	.020	
8.0	.141	.069	.019	.138	.068	.019	.133	.067	.019	.129	.065	.019	.124	.064	.019	
9.0	.133	.064	.018	.131	.064	.018	.126	.062	.018	.122	.061	.018	.118	.060	.017	
10.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.016	.113	.057	.016	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.175	.157	.140	.150	.135	.121	.103	.093	.083	.059	.054	.049	.019	.017	.016	
2.0	.162	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.151	.114	.084	.129	.098	.073	.089	.068	.051	.051	.040	.030	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.124	.079	.047	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.101	.062	.035	.069	.044	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.065	.034	.095	.057	.030	.066	.040	.021	.038	.024	.013	.012	.008	.004	
9.0	.105	.060	.030	.090	.052	.026	.063	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.100	.056	.027	.086	.048	.023	.060	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm											
NAME: REG2075RW-11E40-F					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.:66			Shielding 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	17.1	18.2	17.4	18.4	18.6	6.2	7.3	6.5	7.5	7.7	
	17.1	18.1	17.4	18.3	18.5	6.3	7.3	6.6	7.6	7.8	
	17.1	18.0	17.4	18.3	18.5	6.5	7.4	6.7	7.7	7.9	
	17.0	18.0	17.4	18.2	18.5	7.0	7.9	7.3	8.2	8.4	
	17.0	17.9	17.4	18.2	18.5	7.6	8.5	7.9	8.8	9.1	
	17.0	17.9	17.4	18.2	18.4	8.7	9.6	9.1	9.9	10.1	
4H	2H	16.8	17.8	17.1	18.0	18.3	6.1	7.1	6.4	7.3	7.6
	3H	16.8	17.7	17.1	18.0	18.2	6.2	7.1	6.6	7.4	7.7
	4H	16.8	17.6	17.1	17.9	18.2	6.4	7.2	6.8	7.5	7.8
	6H	16.8	17.5	17.1	17.8	18.2	7.2	7.9	7.6	8.3	8.6
	8H	16.8	17.4	17.2	17.8	18.2	8.2	8.8	8.6	9.2	9.6
	12H	16.8	17.4	17.2	17.8	18.2	9.7	10.3	10.1	10.7	11.1
8H	4H	16.6	17.3	17.0	17.6	18.0	6.4	7.1	6.8	7.4	7.8
	6H	16.6	17.2	17.1	17.6	18.0	7.4	8.0	7.9	8.4	8.8
	8H	16.6	17.1	17.1	17.6	18.0	8.6	9.1	9.1	9.5	10.0
	12H	16.7	17.1	17.2	17.6	18.0	10.6	11.0	11.0	11.4	11.9
12H	4H	16.6	17.2	17.0	17.6	18.0	6.4	7.0	6.8	7.4	7.8
	6H	16.6	17.1	17.0	17.5	17.9	7.5	8.0	8.0	8.4	8.9
	8H	16.6	17.0	17.1	17.5	18.0	8.8	9.2	9.3	9.7	10.2
Variations with the observer position at spacings:											
S = 1.0H	+ 4.1 / - 5.3					+ 1.4 / - 1.4					
1.5H	+ 5.3 / - 8.7					+ 2.7 / - 1.5					
2.0H	+ 6.6 / - 9.5					+ 1.3 / - 0.7					

CIE Pub.117, 526.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

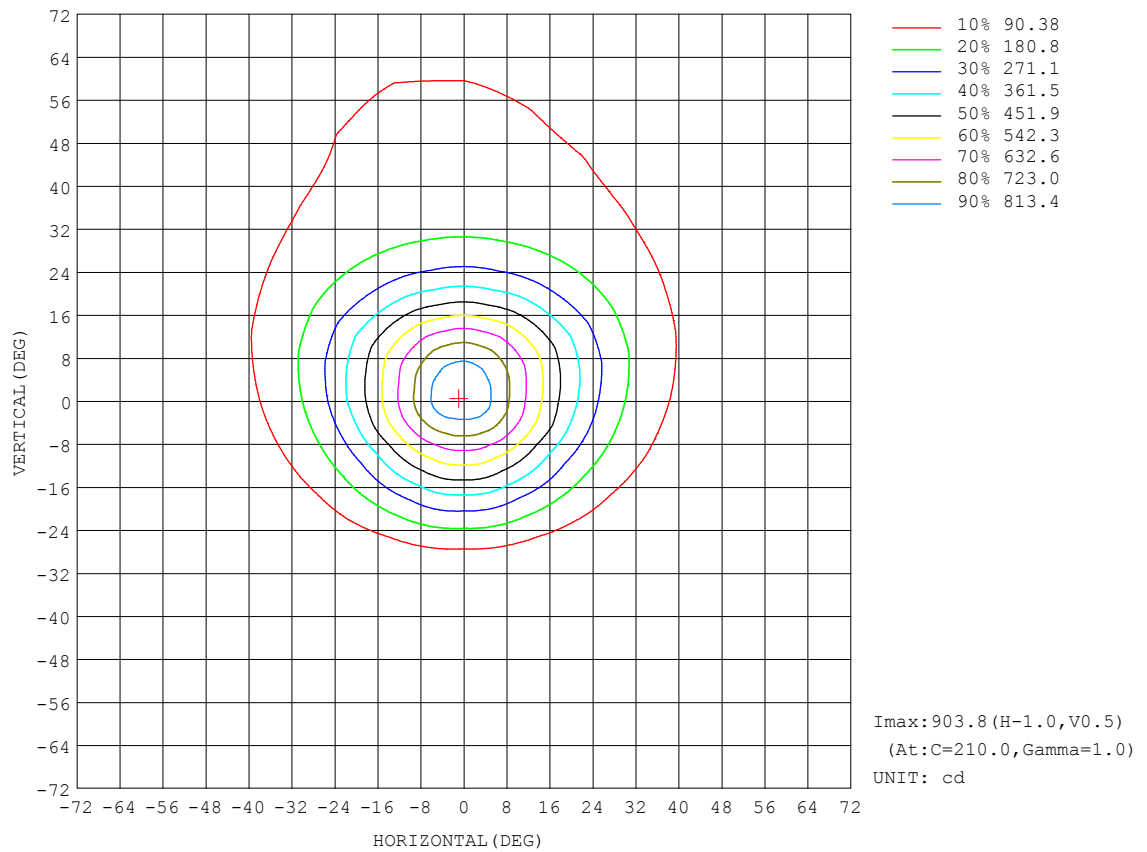
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	76	68	63	75	67	63	58
0.80	84	76	71	83	76	71	82	75	70	65
1.00	90	82	77	89	81	77	87	82	76	71
1.25	95	87	82	94	87	82	91	85	81	76
1.50	98	91	86	97	90	86	94	89	85	79
2.00	102	96	92	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	96	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	106	110	107	104	105	103	101	93
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



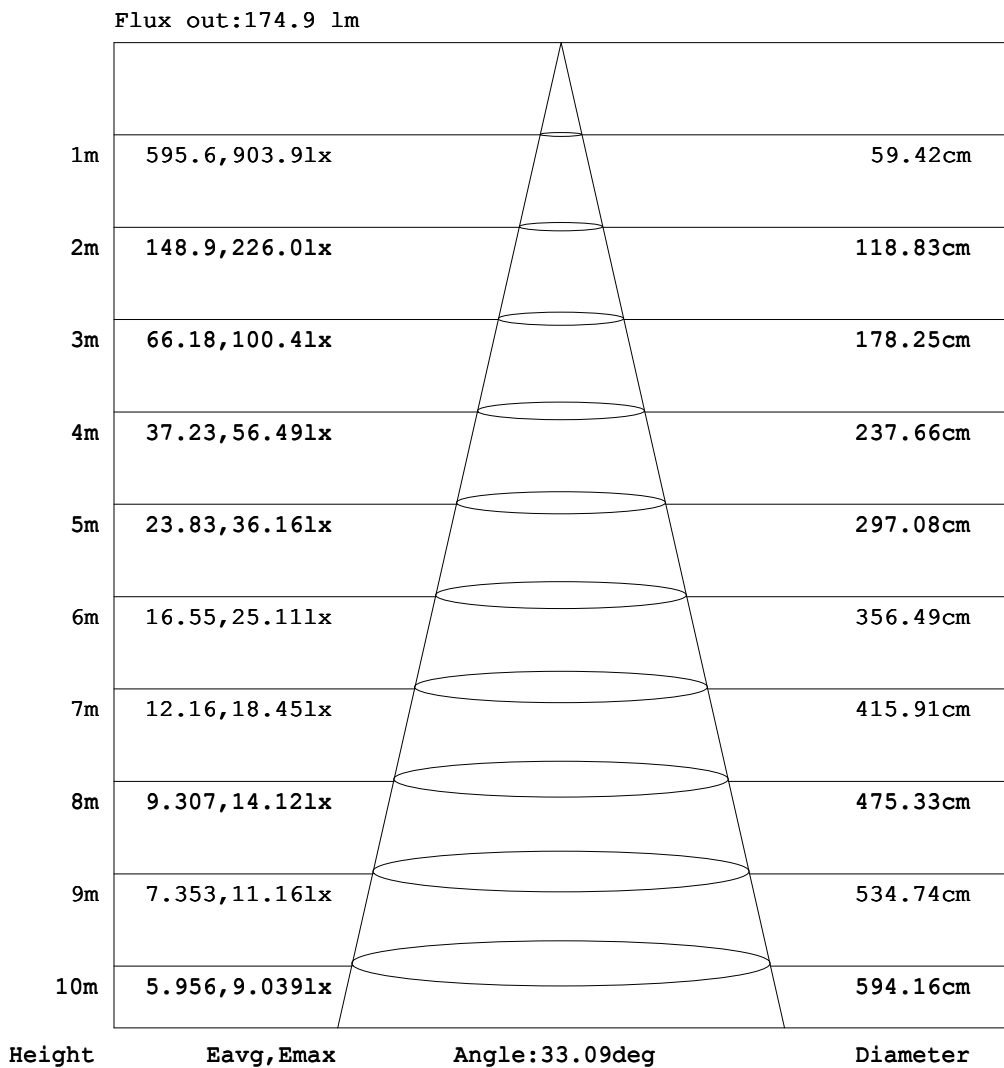
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: BingYu  
Test Date: 2019-11-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 7.240m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



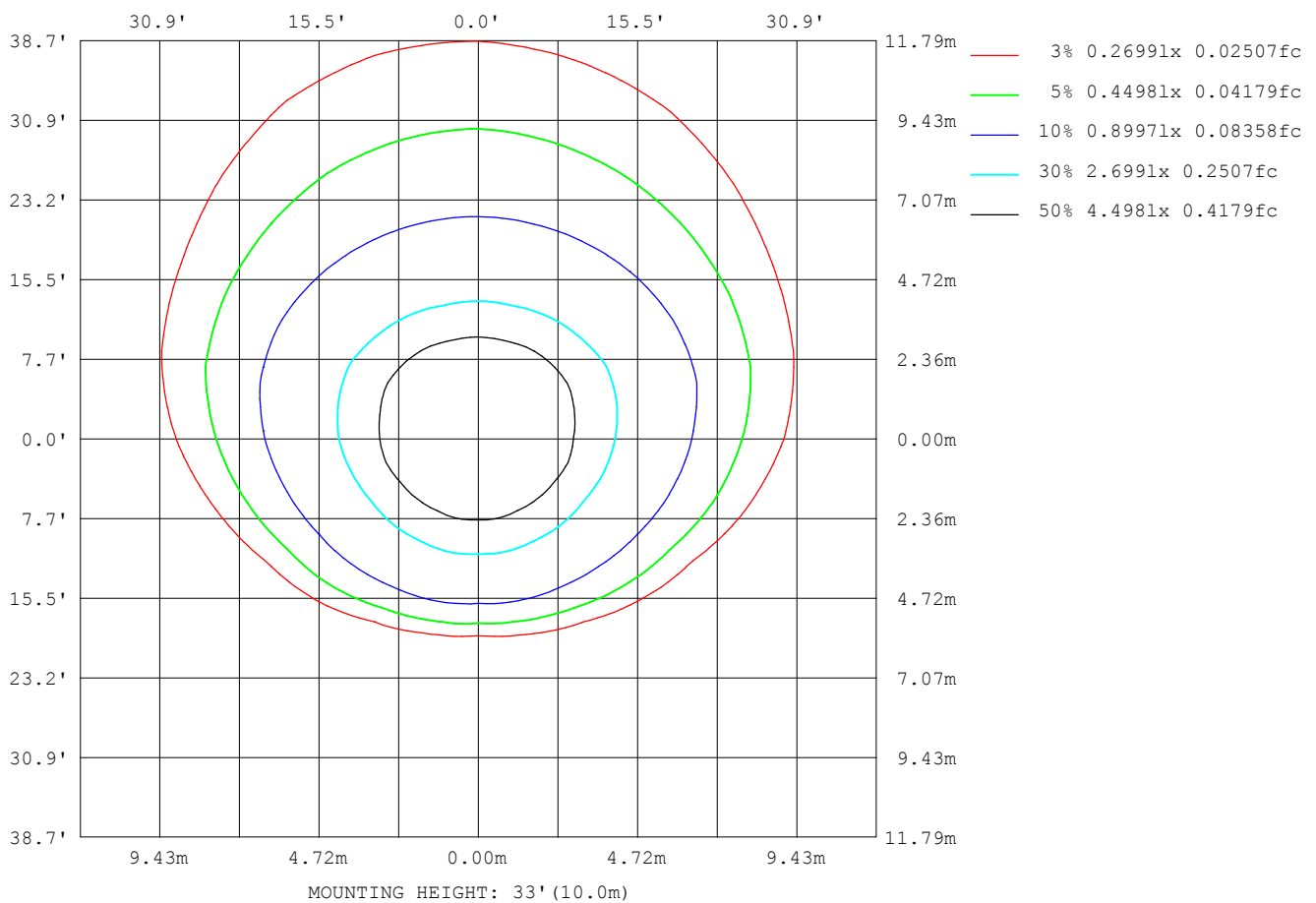
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

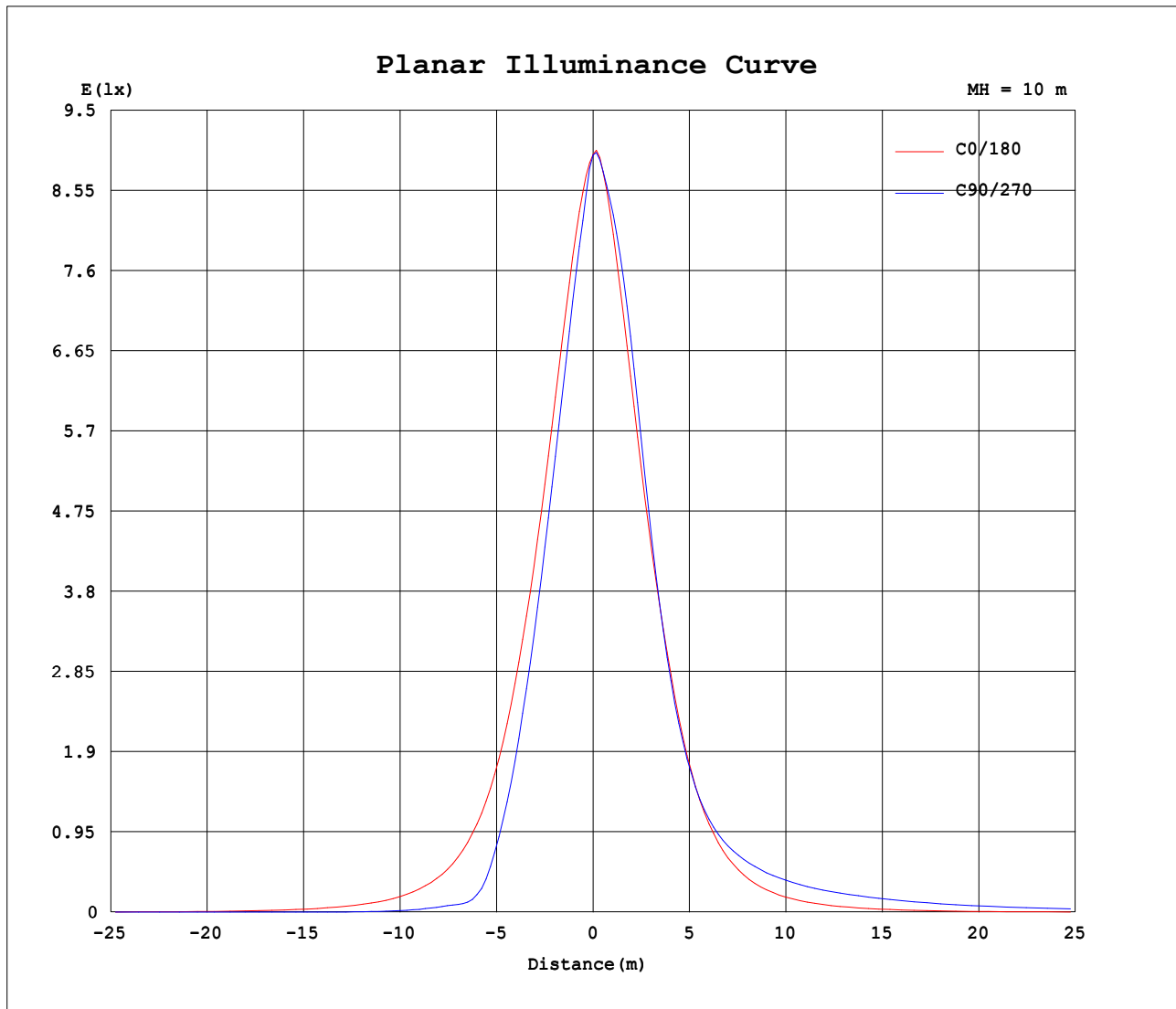
AvgL	cd/m2
L_0~180 (65) av	5418
L_0~180 (75) av	2115
L_0~180 (85) av	2114
L_90~270 (65) av	28744
L_90~270 (75) av	39878
L_90~270 (85) av	56549
L_45 (65) av	24372
L_45 (75) av	28729
L_45 (85) av	38793

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:BingYu  
 Test Date:2019-11-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:7.240m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: BingYu  
Test Date: 2019-11-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 7.240m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897	897
5	814	808	798	789	777	770	767	773	779	797	814	831	841	843	852	851	857	854	855
10	674	666	649	631	612	608	604	611	618	640	666	690	702	708	729	739	751	748	752
15	525	512	477	458	444	444	440	448	451	468	489	529	547	561	590	593	594	577	578
20	389	359	324	307	289	288	284	293	297	315	331	368	404	424	449	437	424	402	402
25	271	238	204	181	161	154	147	157	167	187	208	241	278	307	323	303	288	272	272
30	180	149	118	90.9	67.8	51.9	43.7	51.5	68.2	93.6	117	148	182	211	221	208	197	189	187
35	119	91.0	59.9	39.6	22.2	19.1	16.7	19.0	22.3	40.0	58.9	87.5	117	142	150	148	145	143	143
40	78.4	53.8	28.3	14.8	8.92	9.87	11.0	9.73	8.74	14.3	27.0	50.1	75.8	98.8	109	114	118	119	120
45	52.3	31.8	13.3	6.74	5.10	4.99	5.25	4.73	4.75	6.11	12.1	27.8	50.7	69.0	81.3	93.1	103	106	107
50	35.3	18.5	7.29	4.04	2.79	2.32	2.29	2.18	2.44	3.54	6.41	15.4	34.2	49.3	62.9	80.6	94.1	98.7	99.0
55	23.6	10.3	4.28	1.82	0.70	0.73	1.01	0.61	0.60	1.46	3.75	8.76	23.2	37.0	51.7	72.9	89.1	94.8	95.0
60	14.3	5.31	1.71	0.27	0.31	1.17	1.78	1.02	0.16	0.06	1.15	4.48	14.5	30.5	45.4	70.0	84.9	90.3	89.7
65	7.73	2.47	0.51	0.31	0.29	1.06	1.75	0.99	0.21	0.11	0.09	1.95	7.93	27.2	38.5	72.1	80.1	83.8	81.3
70	4.32	0.78	0.36	0.33	0.37	0.44	0.62	0.41	0.29	0.19	0.09	0.32	3.68	16.4	31.4	64.7	77.1	80.4	77.6
75	2.32	0.54	0.38	0.41	0.43	0.56	0.80	0.57	0.41	0.31	0.18	0.17	1.43	10.1	27.8	53.6	71.1	72.6	69.8
80	1.45	0.49	0.44	0.52	0.59	0.76	0.99	0.76	0.58	0.45	0.31	0.24	0.91	7.56	23.8	44.1	58.0	58.4	55.9
85	0.75	0.51	0.59	0.72	0.81	1.05	1.22	1.05	0.80	0.65	0.48	0.33	0.51	3.21	13.1	25.5	34.0	33.8	32.5
90	0.49	0.59	0.80	1.00	1.21	1.48	1.90	1.46	1.14	0.95	0.74	0.50	0.31	0.41	0.47	0.52	0.85	0.63	0.76
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.3V I:0.0510A P:10.50W PF:0.9190 Freq:50.00Hz Lamp Flux:526.237x1 lm		
NAME: REG2075RW-11E40-F	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	897	897	897	897	897														
5	850	846	835	830	819														
10	745	744	729	715	690														
15	574	588	586	580	550														
20	400	420	431	441	417														
25	270	285	298	317	303														
30	187	194	204	216	210														
35	141	142	146	148	144														
40	117	114	111	107	98.3														
45	103	98.8	90.3	79.1	67.7														
50	95.3	89.5	77.6	60.6	47.5														
55	90.6	83.6	69.6	49.8	35.2														
60	85.2	78.2	67.5	44.9	34.4														
65	77.9	72.3	68.4	39.3	33.5														
70	74.0	68.3	56.7	31.9	17.2														
75	65.5	60.4	47.4	27.5	11.0														
80	51.8	47.3	37.1	22.6	8.30														
85	29.0	25.9	19.4	11.1	3.40														
90	0.28	0.09	0.13	0.26	0.16														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:BingYu  
Test Date:2019-11-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:7.240m [K=1.0000]  
Remarks: