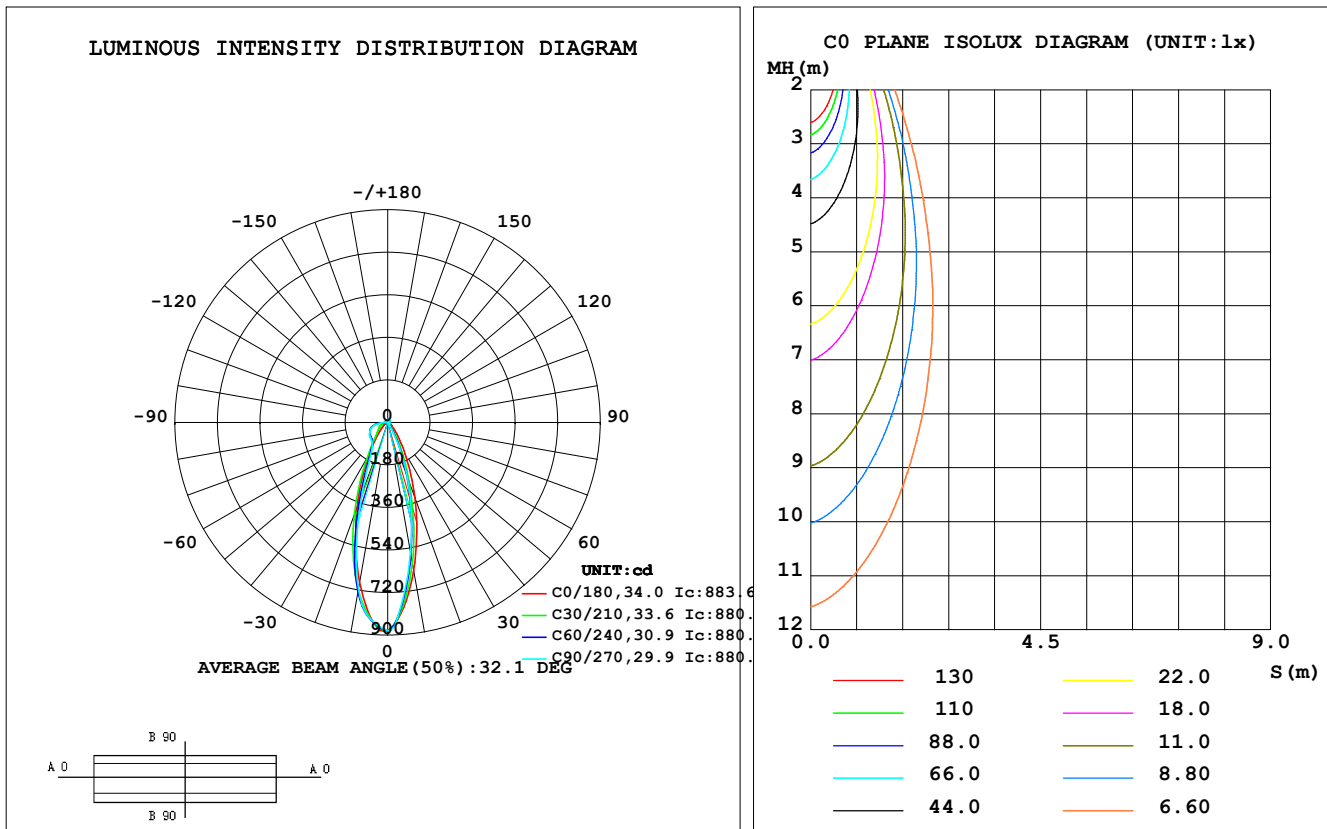


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:225.3V I:0.0510A P:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm					
NAME: REG2075RW-11G30-M			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:66		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 45.36 lm/W
MODEL	3000K CRI90	I _{max} (cd)	884.5	S/MH (C0/180)	0.58	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.55	
RATED VOLTAGE (V)	226	TOTAL FLUX (lm)	485.35	η UP, DN (C0-180)	2.6, 30.9	
NOMINAL FLUX (lm)	485.223	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.9, 64.6	
LAMPS INSIDE	1	η up (%)	4.5	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	225.3	η down (%)	95.5	CIBSE SHR MAX	0.55	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: BingYu
Test Date: 2019-11-15

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	635.2	589.2	559.1	618.8	686.1	722.8	716.9	695.8	0- 10	71.76	71.76	14.8,14.8
20	338.2	251.4	243.4	274.3	379.1	381.8	312.8	367.6	10- 20	131.2	203.0	41.8,41.8
30	138.7	69.42	39.04	79.95	158.1	158.0	136.4	152.1	20- 30	91.70	294.7	60.7,60.7
40	53.77	11.63	6.957	14.89	62.28	95.00	105.4	84.55	30- 40	48.39	343.0	70.7,70.7
50	23.00	3.112	1.937	3.515	28.03	78.07	97.42	64.78	40- 50	33.64	376.7	77.6,77.6
60	9.400	0.1860	0.5315	0	13.19	72.33	88.29	65.20	50- 60	29.61	406.3	83.7,83.7
70	2.550	0.2226	0.4982	0.0787	4.330	61.58	75.56	46.40	60- 70	27.34	433.6	89.3,89.4
80	0.8351	0.4140	0.7043	0.2947	1.172	43.69	49.72	31.92	70- 80	21.30	454.9	93.7,93.8
90	0.3623	0.8399	1.372	0.7229	0.1715	0.2339	0.0548	0	80- 90	8.529	463.5	95.5,95.5
100	0.6896	1.566	2.586	1.402	0.4368	0.4578	0.0902	0.3569	90-100	0.7965	464.3	95.7,95.7
110	1.161	2.198	3.562	2.125	0.7995	0.8041	0.3762	0.8478	100-110	1.294	465.6	95.9,95.9
120	1.998	2.944	4.309	2.961	1.423	1.295	1.141	1.475	110-120	1.783	467.3	96.3,96.3
130	3.475	3.921	5.612	3.994	2.722	3.386	4.941	3.857	120-130	2.704	470.0	96.8,96.9
140	5.057	5.065	7.365	5.267	4.210	5.815	6.757	5.737	130-140	3.817	473.9	97.6,97.7
150	6.300	6.811	8.873	7.015	5.061	8.346	9.041	7.283	140-150	4.127	478.0	98.5,98.5
160	8.915	9.587	10.44	9.606	7.311	6.572	6.412	7.132	150-160	3.582	481.6	99.2,99.2
170	11.37	11.88	12.10	12.00	9.864	9.375	9.485	10.10	160-170	2.686	484.3	99.8,99.8
180	12.41	12.38	12.53	12.87	12.39	12.35	12.51	12.87	170-180	1.097	485.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 360.73 lm

%lum = 74.3%

%lamp = 74.3%

Conical surface Flux(120deg): 406.29 lm

%lum = 83.7%

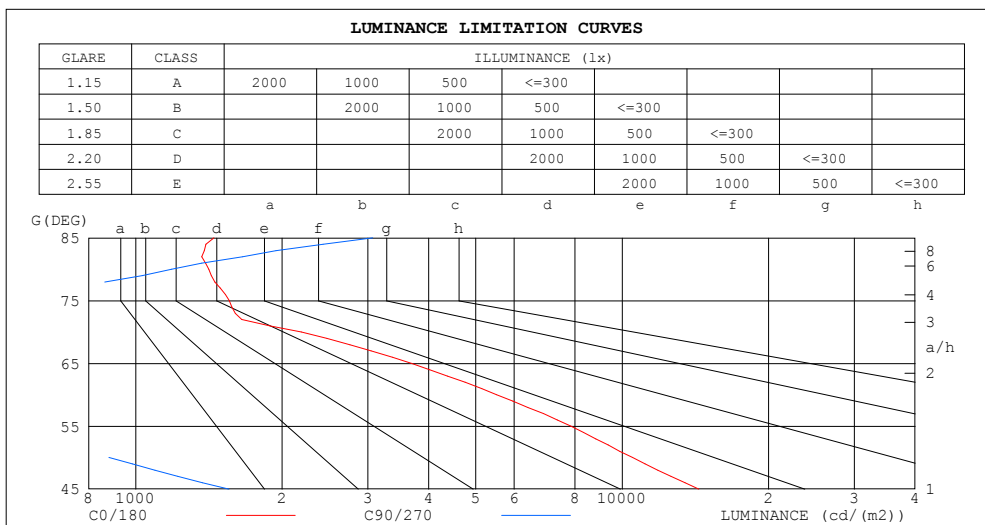
%lamp = 83.7%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:BingYu
 Test Date:2019-11-15

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:

LUMINANCE LIMITATION CURVES

Test:U:225.3V I:0.0510A P:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1447	3071
80	1412	1186
75	1558	618
70	2189	426
65	3686	555
60	5521	311
55	7836	281
50	10506	881
45	14383	1555

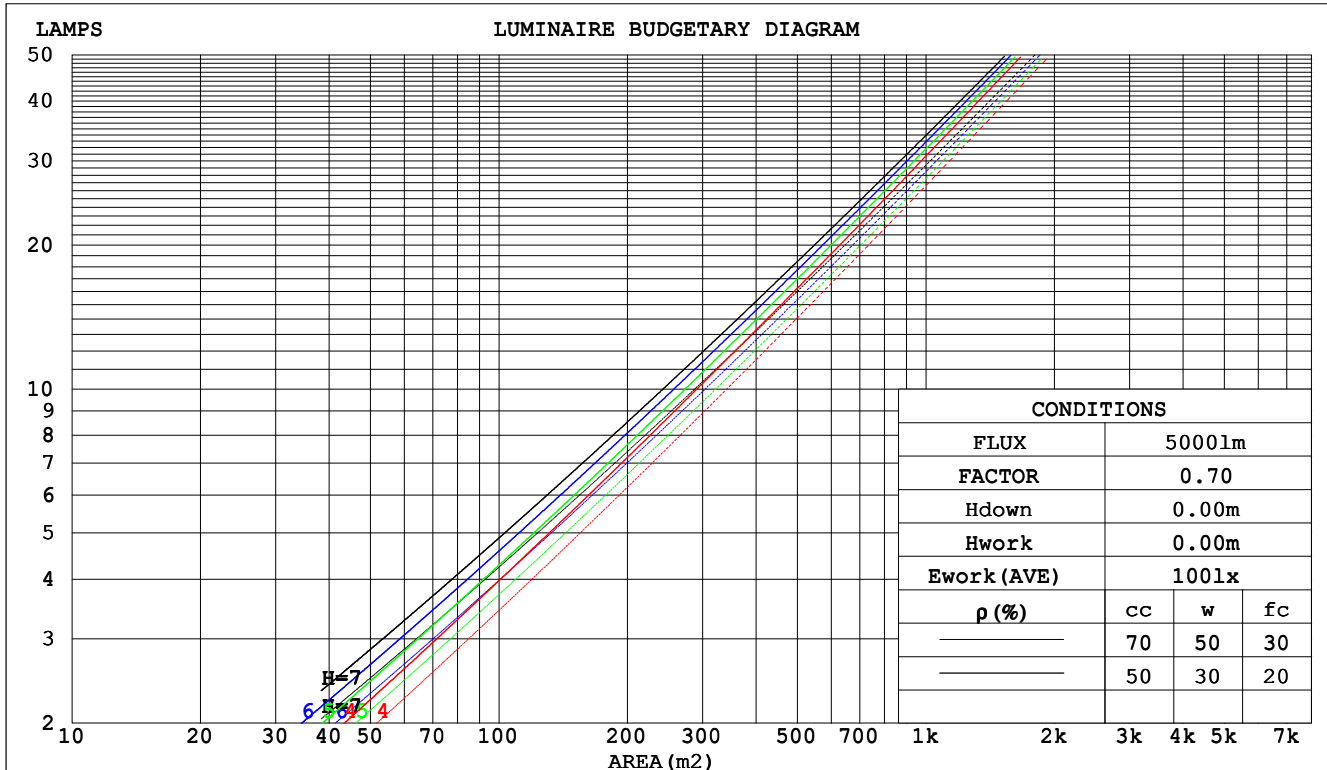
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:225.3V I:0.0510A P:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.07	1.03	1.00	1.04	1.01	.98	.99	.97	.94	.94	.93	.91	.90	.89	.87	.85
2.0	.97	.92	.88	.95	.90	.86	.91	.87	.84	.87	.84	.81	.84	.81	.79	.77
3.0	.89	.83	.78	.87	.82	.77	.84	.79	.76	.81	.77	.74	.78	.75	.72	.70
4.0	.83	.76	.71	.81	.75	.71	.78	.73	.69	.76	.71	.68	.73	.70	.67	.65
5.0	.77	.70	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.69	.65	.62	.60
6.0	.72	.66	.61	.71	.65	.60	.69	.64	.60	.67	.63	.59	.66	.61	.58	.56
7.0	.68	.62	.57	.67	.61	.57	.66	.60	.56	.64	.59	.55	.62	.58	.55	.53
8.0	.64	.58	.54	.64	.58	.53	.62	.57	.53	.61	.56	.52	.59	.55	.52	.50
9.0	.61	.55	.51	.61	.55	.50	.59	.54	.50	.58	.53	.50	.57	.52	.49	.48
10.0	.58	.52	.48	.58	.52	.48	.57	.51	.48	.55	.51	.47	.54	.50	.47	.46



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:BingYu
 Test Date:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm					
NAME: REG2075RW-11G30-M			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	.237	.135	.043	.229	.131	.042	.214	.123	.039	.200	.115	.037	.186	.108	.035	
2.0	.217	.119	.037	.210	.116	.036	.197	.110	.034	.185	.104	.032	.173	.098	.031	
3.0	.200	.106	.032	.193	.104	.031	.182	.098	.030	.171	.094	.029	.161	.089	.028	
4.0	.184	.096	.028	.179	.093	.028	.168	.089	.027	.159	.085	.026	.150	.081	.025	
5.0	.171	.087	.025	.166	.085	.025	.157	.082	.024	.148	.078	.023	.140	.075	.023	
6.0	.159	.080	.023	.155	.078	.022	.147	.075	.022	.139	.072	.021	.132	.069	.021	
7.0	.149	.074	.021	.145	.072	.021	.138	.070	.020	.131	.067	.020	.125	.065	.019	
8.0	.140	.068	.019	.137	.067	.019	.130	.065	.019	.124	.063	.018	.118	.061	.018	
9.0	.132	.064	.018	.129	.063	.018	.123	.061	.017	.118	.059	.017	.112	.057	.016	
10.0	.125	.060	.017	.122	.059	.016	.117	.057	.016	.112	.056	.016	.107	.054	.015	

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	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024	
1.0	.210	.191	.175	.180	.164	.150	.123	.113	.104	.071	.065	.060	.023	.021	.020	
2.0	.197	.167	.142	.169	.144	.123	.116	.100	.086	.067	.058	.050	.021	.019	.016	
3.0	.186	.149	.119	.159	.128	.103	.109	.089	.073	.063	.052	.043	.020	.017	.014	
4.0	.176	.135	.103	.151	.116	.090	.104	.081	.063	.060	.048	.037	.019	.015	.012	
5.0	.167	.124	.091	.144	.107	.080	.099	.075	.056	.057	.044	.033	.018	.014	.011	
6.0	.159	.115	.082	.137	.099	.072	.094	.069	.051	.055	.041	.030	.018	.013	.010	
7.0	.152	.107	.076	.131	.093	.066	.090	.065	.047	.053	.038	.028	.017	.013	.009	
8.0	.146	.101	.070	.125	.088	.061	.087	.061	.043	.051	.036	.026	.016	.012	.009	
9.0	.140	.096	.066	.121	.083	.057	.084	.058	.041	.049	.034	.024	.016	.011	.008	
10.0	.135	.091	.062	.116	.079	.054	.081	.056	.039	.047	.033	.023	.015	.011	.008	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm										
NAME: REG2075RW-11G30-M					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	15.0	16.0	15.3	16.3	16.5	4.5	5.6	4.8	5.8	6.1
3H	15.0	15.9	15.3	16.2	16.5	4.5	5.5	4.9	5.8	6.1
4H	14.9	15.8	15.2	16.1	16.4	4.6	5.6	5.0	5.9	6.2
6H	14.8	15.7	15.2	16.1	16.4	5.2	6.1	5.6	6.4	6.8
8H	14.8	15.7	15.2	16.0	16.4	5.9	6.7	6.3	7.1	7.4
12H	14.8	15.6	15.2	16.0	16.3	7.1	7.9	7.5	8.2	8.6
4H 2H	14.7	15.6	15.0	15.9	16.2	4.4	5.3	4.8	5.6	6.0
3H	14.6	15.5	15.0	15.8	16.2	4.4	5.2	4.8	5.6	6.0
4H	14.6	15.3	15.0	15.7	16.1	4.6	5.4	5.0	5.7	6.2
6H	14.5	15.2	15.0	15.6	16.1	5.5	6.2	6.0	6.6	7.0
8H	14.5	15.1	15.0	15.6	16.0	6.5	7.1	7.0	7.6	8.0
12H	14.5	15.1	15.0	15.5	16.0	8.1	8.7	8.6	9.2	9.6
8H 4H	14.4	15.0	14.9	15.5	15.9	4.6	5.2	5.0	5.6	6.1
6H	14.4	14.9	14.9	15.4	15.9	5.7	6.3	6.2	6.7	7.3
8H	14.4	14.8	14.9	15.3	15.9	7.1	7.5	7.6	8.0	8.6
12H	14.4	14.8	15.0	15.3	15.9	9.2	9.6	9.7	10.1	10.7
12H 4H	14.4	14.9	14.8	15.4	15.9	4.6	5.1	5.0	5.6	6.1
6H	14.3	14.8	14.9	15.3	15.8	5.8	6.3	6.4	6.8	7.3
8H	14.3	14.7	14.9	15.3	15.8	7.3	7.7	7.8	8.2	8.8
Variations with the observer position at spacings:										
S = 1.0H	+ 4.3 / - 5.4					+ 0.9 / - 1.1				
1.5H	+ 5.7 / - 8.5					+ 1.5 / - 1.1				
2.0H	+ 6.6 / - 9.4					+ 1.1 / - 0.6				

CIE Pub.117, 485.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

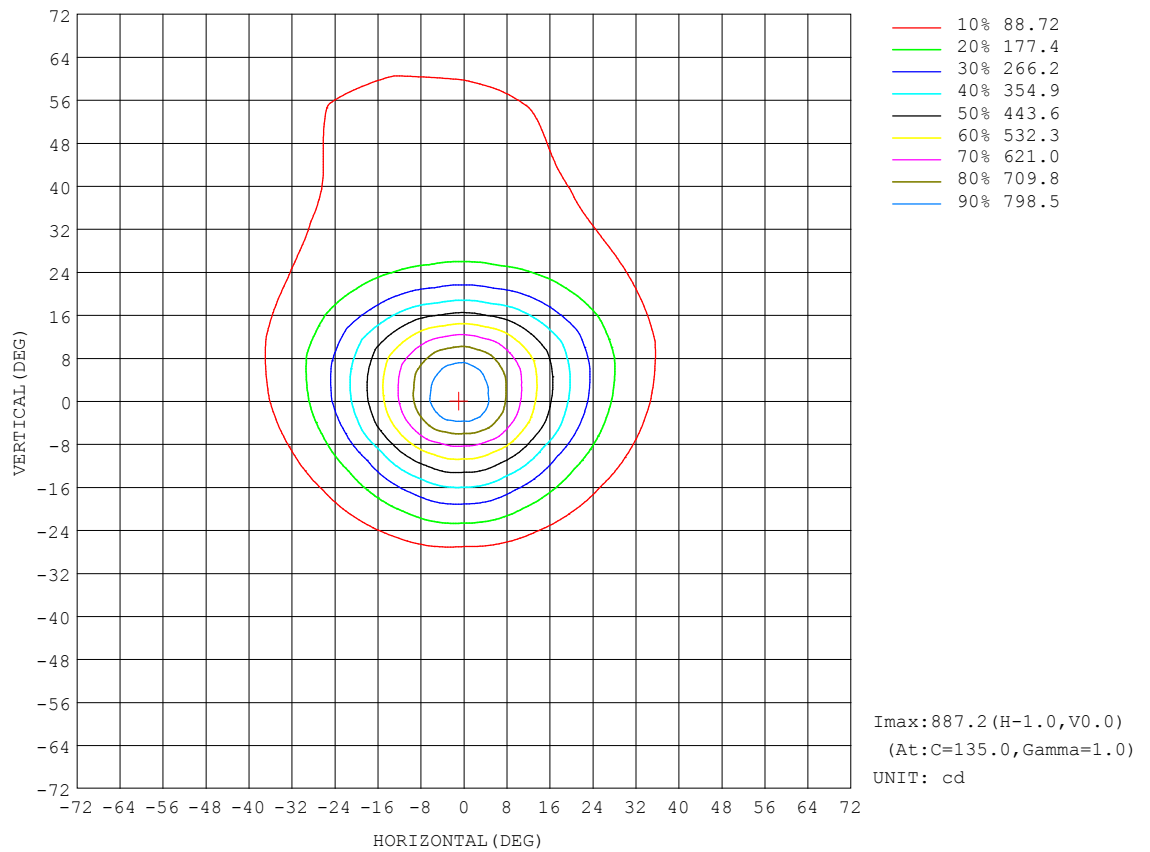
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) × RCR = 5									
k = 0.60	74	65	60	73	65	60	72	64	60	55
0.80	82	74	68	81	73	68	79	72	68	62
1.00	88	79	74	86	79	74	84	79	73	67
1.25	93	85	80	91	84	79	88	82	78	72
1.50	96	89	84	94	88	83	91	86	82	75
2.00	101	94	89	99	93	88	95	90	86	79
2.50	103	98	93	101	96	92	97	93	89	81
3.00	106	101	96	103	99	95	99	95	92	83
4.00	109	104	101	106	102	99	101	98	96	86
5.00	111	107	104	108	105	102	103	100	98	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:

ISOCANDELA DIAGRAM

Test:U:225.3V I:0.0510A P:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

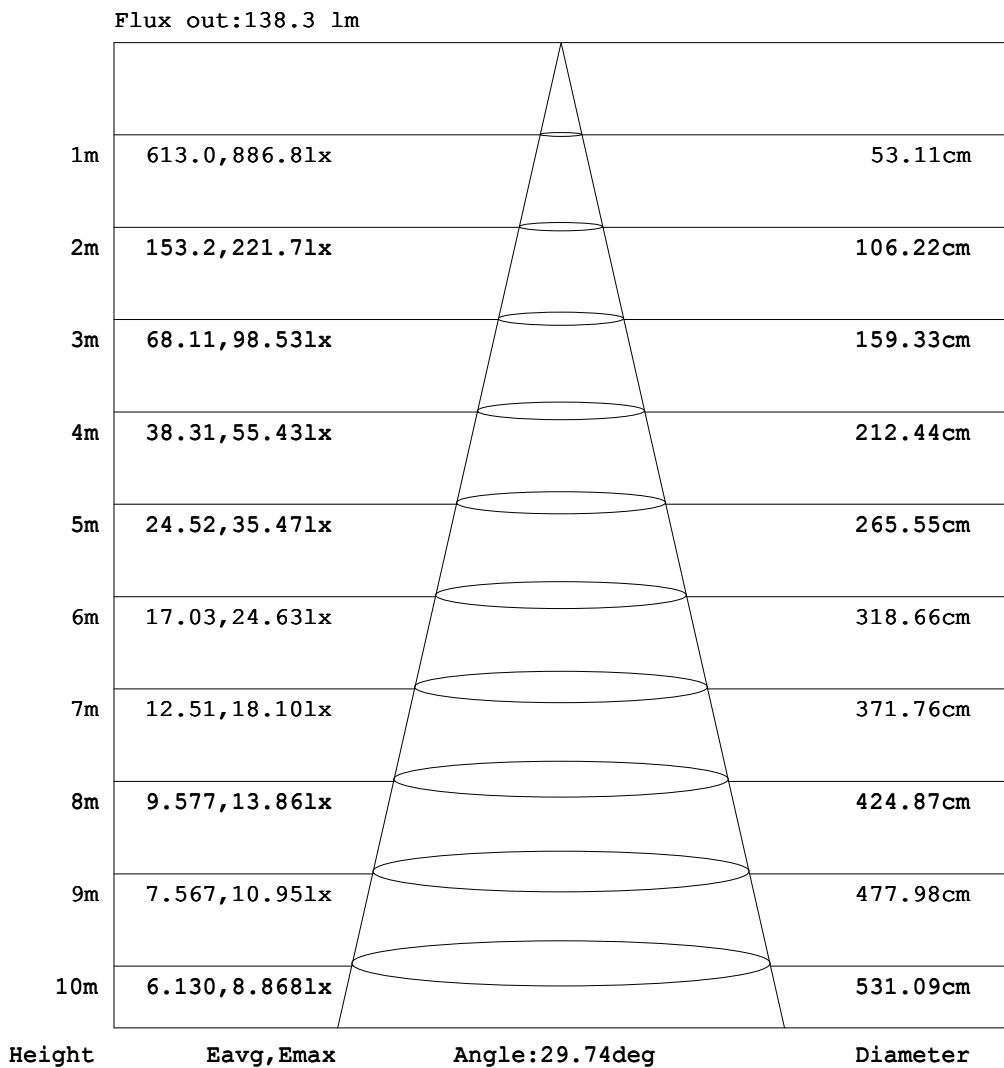


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:

AAI Figure

Test:U:225.3V I:0.0510A P:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:



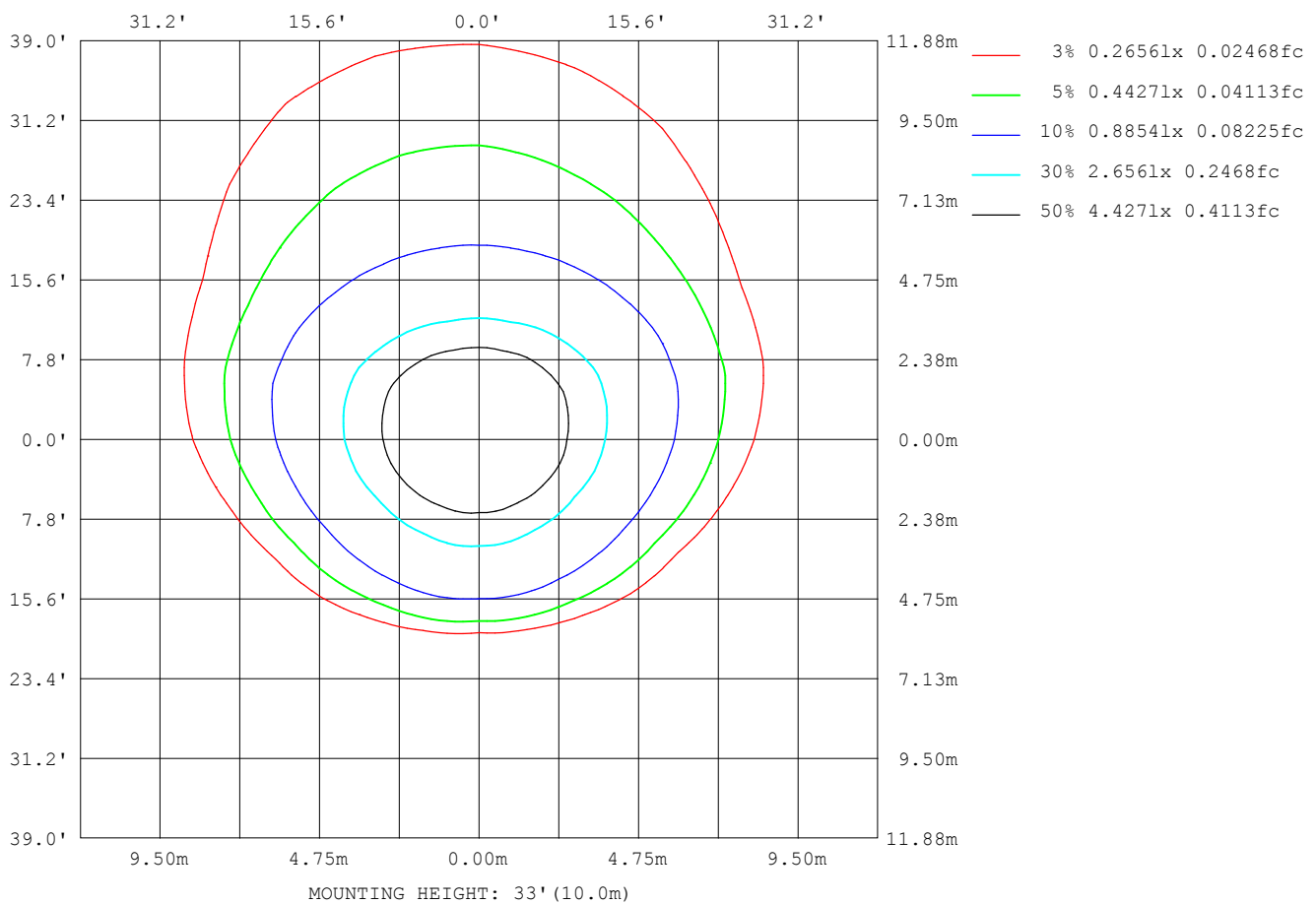
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	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:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:66	Shielding Angle:

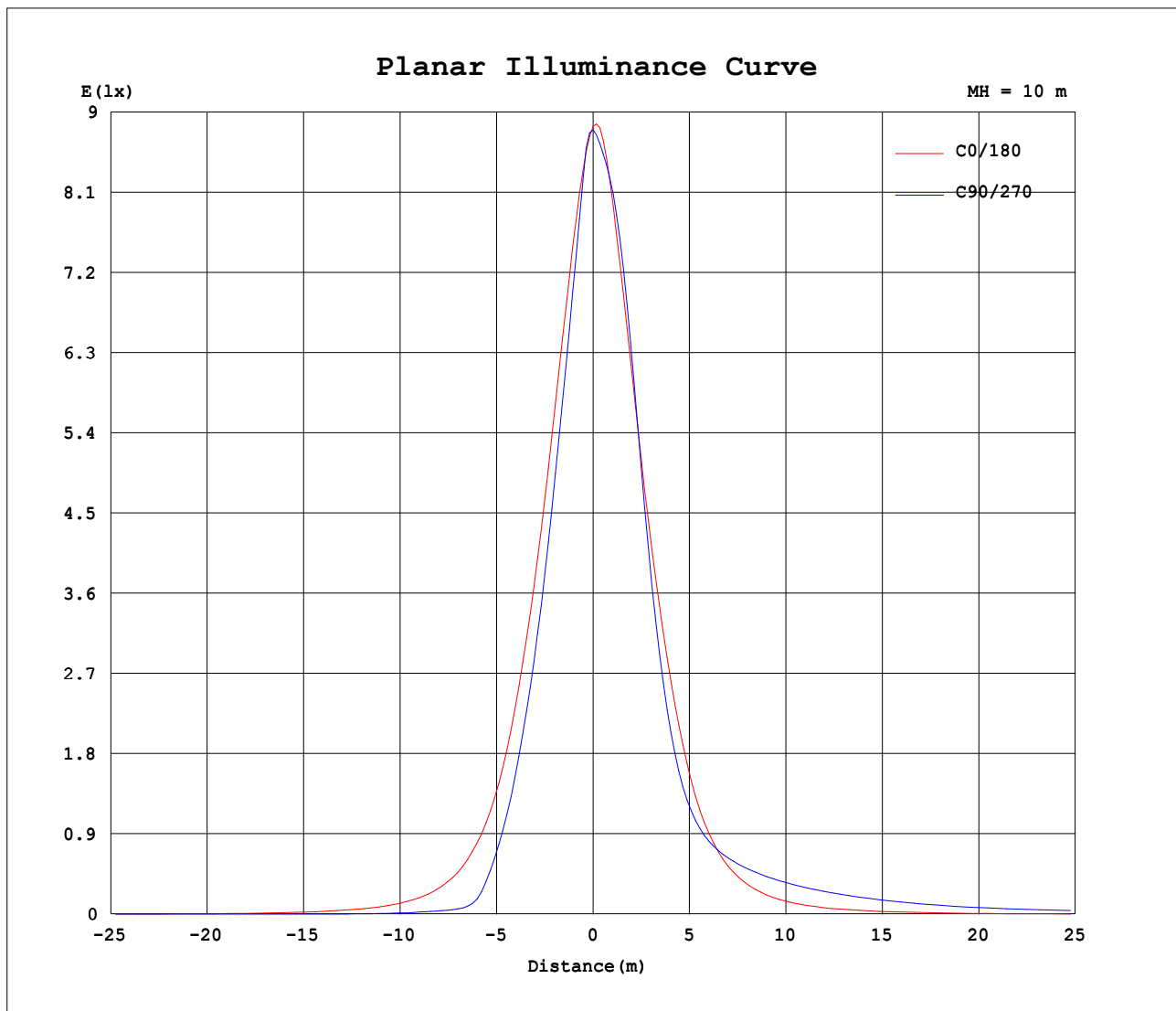
AvgL	cd/m2
L_0~180 (65) av	4670
L_0~180 (75) av	1856
L_0~180 (85) av	1556
L_90~270 (65) av	28528
L_90~270 (75) av	36982
L_90~270 (85) av	43134
L_45 (65) av	24038
L_45 (75) av	27135
L_45 (85) av	33017

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:BingYu
 Test Date:2019-11-15

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: 2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	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	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881
5	785	782	775	771	759	755	747	759	770	796	810	823	830	828	834	834	838	836	836
10	635	623	604	589	566	563	559	572	584	619	645	672	686	697	718	723	728	717	717
15	478	459	422	401	385	387	386	397	404	431	464	503	526	546	568	556	540	510	506
20	338	306	267	251	239	244	243	252	255	274	296	348	379	400	413	382	350	316	313
25	221	188	158	142	131	130	128	137	144	158	176	212	255	277	277	242	213	195	192
30	139	110	84.8	69.4	55.3	44.8	39.0	49.5	62.6	79.9	97.2	125	158	183	178	158	146	139	136
35	85.6	63.2	41.6	30.9	17.1	13.1	10.8	14.0	20.5	36.9	49.8	72.0	97.8	118	117	115	116	115	115
40	53.8	35.8	19.7	11.6	6.63	7.01	6.96	7.28	7.64	14.9	24.1	41.4	62.3	77.7	83.9	95.0	103	106	105
45	34.6	20.6	9.72	5.27	3.79	3.85	3.76	3.94	4.01	6.19	12.0	24.2	41.3	53.4	65.0	84.2	97.0	101	101
50	23.0	11.8	5.41	3.11	2.20	1.97	1.94	1.98	2.31	3.51	6.45	14.6	28.0	38.5	53.5	78.1	94.0	98.5	97.4
55	15.3	6.78	3.22	1.48	0.77	0.58	0.55	0.61	0.83	1.74	3.77	8.67	19.7	30.4	47.1	74.1	91.5	95.8	94.5
60	9.40	3.60	1.18	0.19	0.14	0.34	0.53	0.23	0.00	0.00	1.48	4.73	13.2	28.1	42.6	72.3	87.6	90.4	88.3
65	5.30	1.69	0.29	0.18	0.19	0.47	0.80	0.38	0.07	0.01	0.34	2.25	8.19	33.0	37.0	75.2	82.6	84.0	81.6
70	2.55	0.45	0.25	0.22	0.24	0.35	0.50	0.29	0.16	0.08	0.00	0.54	4.33	17.0	31.5	61.6	77.6	78.0	75.6
75	1.37	0.35	0.27	0.30	0.36	0.46	0.55	0.40	0.25	0.18	0.05	0.09	1.91	11.1	28.6	54.5	68.4	67.4	64.9
80	0.84	0.35	0.31	0.41	0.46	0.62	0.70	0.57	0.42	0.29	0.17	0.11	1.17	8.96	24.7	43.7	53.9	52.0	49.7
85	0.43	0.37	0.43	0.57	0.68	0.88	0.92	0.82	0.60	0.47	0.30	0.17	0.50	4.06	14.0	23.9	28.7	26.3	24.8
90	0.36	0.46	0.67	0.84	0.98	1.19	1.37	1.11	0.87	0.72	0.48	0.29	0.17	0.26	0.30	0.23	0.14	0.13	0.05
95	0.45	0.61	0.92	1.18	1.54	1.93	2.33	1.81	1.42	1.05	0.75	0.47	0.29	0.46	0.64	0.31	0.17	0.07	0.04
100	0.69	0.88	1.18	1.57	1.97	2.26	2.59	2.13	1.80	1.40	1.04	0.75	0.44	0.55	0.67	0.46	0.23	0.06	0.09
105	0.91	1.13	1.44	1.88	2.28	2.82	3.12	2.63	2.14	1.76	1.35	1.03	0.60	0.82	1.07	0.67	0.33	0.18	0.20
110	1.16	1.44	1.75	2.20	2.61	3.21	3.56	3.01	2.48	2.12	1.70	1.37	0.80	0.97	1.25	0.80	0.49	0.37	0.38
115	1.50	1.79	2.11	2.56	2.99	3.60	3.84	3.37	2.86	2.55	2.10	1.76	1.06	1.17	1.33	0.99	0.75	0.61	0.62
120	2.00	2.19	2.50	2.94	3.45	4.11	4.31	3.81	3.32	2.96	2.53	2.19	1.42	1.47	1.54	1.30	1.15	1.29	1.14
125	2.71	2.76	2.98	3.41	3.97	4.76	4.92	4.32	3.81	3.44	3.05	2.82	1.99	2.07	2.10	1.94	2.33	2.80	2.83
130	3.47	3.39	3.55	3.92	4.48	5.48	5.61	4.86	4.33	3.99	3.61	3.50	2.72	2.86	3.01	3.39	4.24	5.11	4.94
135	4.31	4.04	4.14	4.46	5.05	6.29	6.31	5.40	4.89	4.59	4.27	4.16	3.45	3.71	4.00	4.61	5.70	6.79	6.55
140	5.06	4.69	4.84	5.06	5.58	7.43	7.36	6.09	5.48	5.27	5.00	4.80	4.21	4.70	5.26	5.81	7.18	7.18	6.76
145	5.56	5.50	5.68	5.79	6.21	8.88	8.32	7.09	6.19	6.04	5.86	5.61	4.45	5.62	6.71	8.19	8.38	7.83	7.84
150	6.30	6.58	6.76	6.81	7.10	9.85	8.87	8.40	7.12	7.01	6.92	6.69	5.06	6.13	7.66	8.35	8.94	9.19	9.04
155	7.61	7.83	8.08	8.13	8.40	10.1	9.47	9.65	8.35	8.23	8.16	7.94	6.13	5.85	6.17	7.68	8.28	8.10	8.02
160	8.91	9.22	9.48	9.59	9.89	10.6	10.4	10.4	9.78	9.61	9.53	9.34	7.31	7.00	6.74	6.57	6.40	6.37	6.41
165	10.3	10.5	10.8	10.9	11.2	11.4	11.5	11.4	11.1	11.0	10.9	10.7	8.55	8.28	8.08	7.95	7.85	7.86	7.89
170	11.4	11.6	11.7	11.9	11.9	12.0	12.1	12.1	12.0	12.0	12.0	11.9	9.86	9.64	9.48	9.37	9.34	9.39	9.49
175	12.1	12.2	12.3	12.4	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.7	11.2	11.0	10.9	10.9	10.9	10.9	11.1
180	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.7	12.8	12.9	13.0	13.0	12.4	12.3	12.4	12.3	12.4	12.4	12.5

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:BingYu
Test Date:2019-11-15

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:10.70W PF:0.9220 Freq:50.00Hz Lamp Flux:485.223x1 lm		
NAME: REG2075RW-11G30-M	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	881	881	881	881	881														
5	830	824	813	806	794														
10	708	709	696	683	657														
15	505	527	533	534	507														
20	315	344	368	387	367														
25	193	210	234	261	252														
30	137	142	152	167	164														
35	111	109	108	108	106														
40	100	94.1	84.5	74.9	69.4														
45	95.3	86.7	72.0	54.8	45.7														
50	92.3	82.7	64.8	43.1	31.7														
55	89.2	79.6	61.0	37.3	24.4														
60	83.8	75.5	65.2	34.9	23.5														
65	77.8	70.2	63.6	29.2	20.1														
70	71.9	65.1	46.4	23.6	9.46														
75	61.2	55.7	41.1	22.1	7.77														
80	46.2	42.1	31.9	18.0	5.66														
85	21.6	19.5	14.4	7.37	2.02														
90	0.03	0.00	0.00	0.25	0.10														
95	0.00	0.02	0.29	0.82	0.38														
100	0.05	0.16	0.36	0.72	0.60														
105	0.18	0.33	0.68	1.03	0.85														
110	0.34	0.46	0.85	1.24	1.01														
115	0.60	0.76	1.07	1.37	1.26														
120	1.34	1.20	1.48	1.70	1.75														
125	2.85	2.51	2.44	2.44	2.46														
130	5.31	4.43	3.86	3.43	3.37														
135	6.87	5.94	5.10	4.55	4.29														
140	5.96	7.11	5.74	5.87	5.40														
145	7.12	5.83	7.37	7.65	6.21														
150	8.42	5.78	7.28	7.97	6.17														
155	7.85	5.94	6.88	6.19	6.70														
160	6.58	6.76	7.13	7.48	7.92														
165	8.06	8.26	8.62	8.94	9.28														
170	9.65	9.84	10.1	10.3	10.6														
175	11.2	11.4	11.5	11.7	11.8														
180	12.6	12.7	12.9	12.9	13.0														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:BingYu
 Test Date:2019-11-15

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: