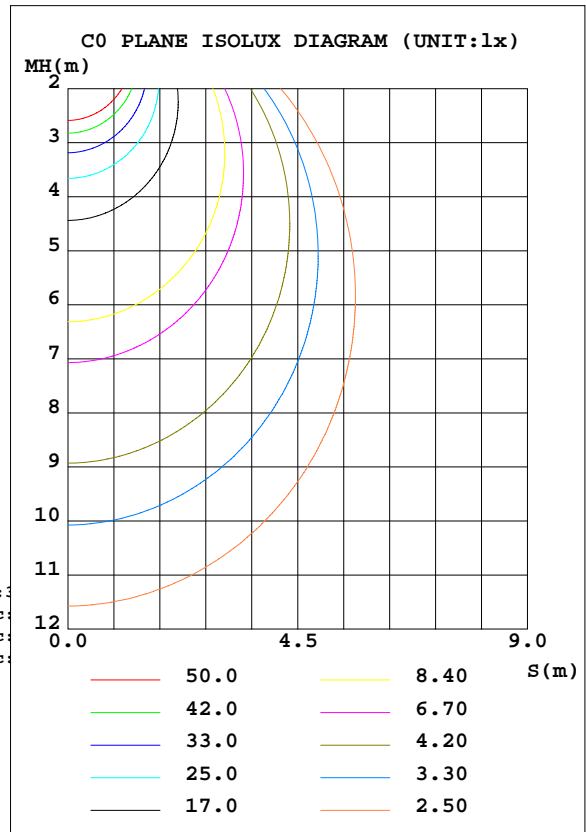
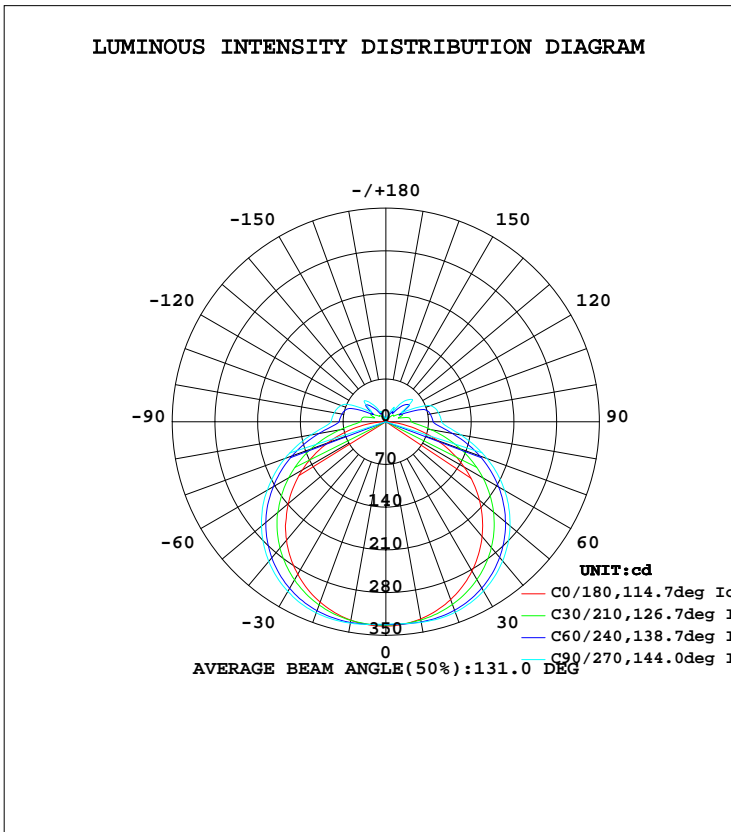


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.82 lm/W			
MODEL	LEDVL08AC25-R1	Imax(cd)	335.5	S/MH(C0/180)	1.28
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1420.3	$\eta$ UP, DN(C0-180)	7.2,42.6
NOMINAL FLUX(lm)	1420.33	CIE CLASS	SEMI-D.	$\eta$ UP, DN(C180-360)	7.1,43.1
LAMPS INSIDE	1	$\eta$ up(%)	14.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		$\eta$ down(%)	85.7	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	328.1	331.4	333.8	328.7	330.4	332.3	335.1	331.2	0- 10	31.66	31.66	2.23,2.23
20	310.4	324.5	332.2	321.4	314.6	324.8	333.3	324.6	10- 20	92.76	124.4	8.76,8.76
30	282.3	308.2	320.1	304.8	288.8	308.0	321.3	308.6	20- 30	145.5	269.9	19,19
40	245.4	281.6	297.8	278.7	253.3	281.4	298.6	282.5	30- 40	183.2	453.1	31.9,31.9
50	200.3	245.6	265.7	242.9	208.8	245.1	266.2	246.8	40- 50	200.9	653.9	46,46
60	148.0	200.3	224.8	197.8	158.2	200.5	224.3	202.7	50- 60	195.9	849.8	59.8,59.8
70	90.15	149.2	176.4	147.2	101.4	149.2	175.9	152.1	60- 70	168.6	1018	71.7,71.7
80	33.53	96.14	125.2	94.95	43.92	95.46	124.6	98.22	70- 80	123.3	1142	80.4,80.4
90	3.440	62.01	91.44	63.27	4.904	61.51	89.94	62.59	80- 90	75.87	1218	85.7,85.7
100	3.589	58.76	87.51	60.18	4.067	58.24	85.92	58.89	90-100	59.64	1277	89.9,89.9
110	3.759	32.72	78.05	33.44	4.206	40.53	78.16	43.38	100-110	51.14	1328	93.5,93.5
120	3.913	40.95	29.77	42.50	4.337	29.55	42.26	28.34	110-120	32.15	1360	95.8,95.8
130	4.071	31.24	57.02	33.32	4.433	32.24	41.31	32.08	120-130	23.99	1384	97.5,97.5
140	4.275	18.84	41.26	20.30	4.537	14.66	41.47	15.14	130-140	19.44	1404	98.8,98.8
150	4.487	10.74	27.76	10.19	4.656	12.55	17.92	12.00	140-150	9.551	1413	99.5,99.5
160	4.691	7.003	11.45	7.118	4.776	6.869	10.94	6.221	150-160	4.638	1418	99.8,99.8
170	4.868	4.999	6.209	5.057	4.899	5.130	5.750	4.987	160-170	1.765	1420	100,100
180	4.976	5.180	5.319	5.122	4.984	5.168	5.326	5.122	170-180	0.4881	1420	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

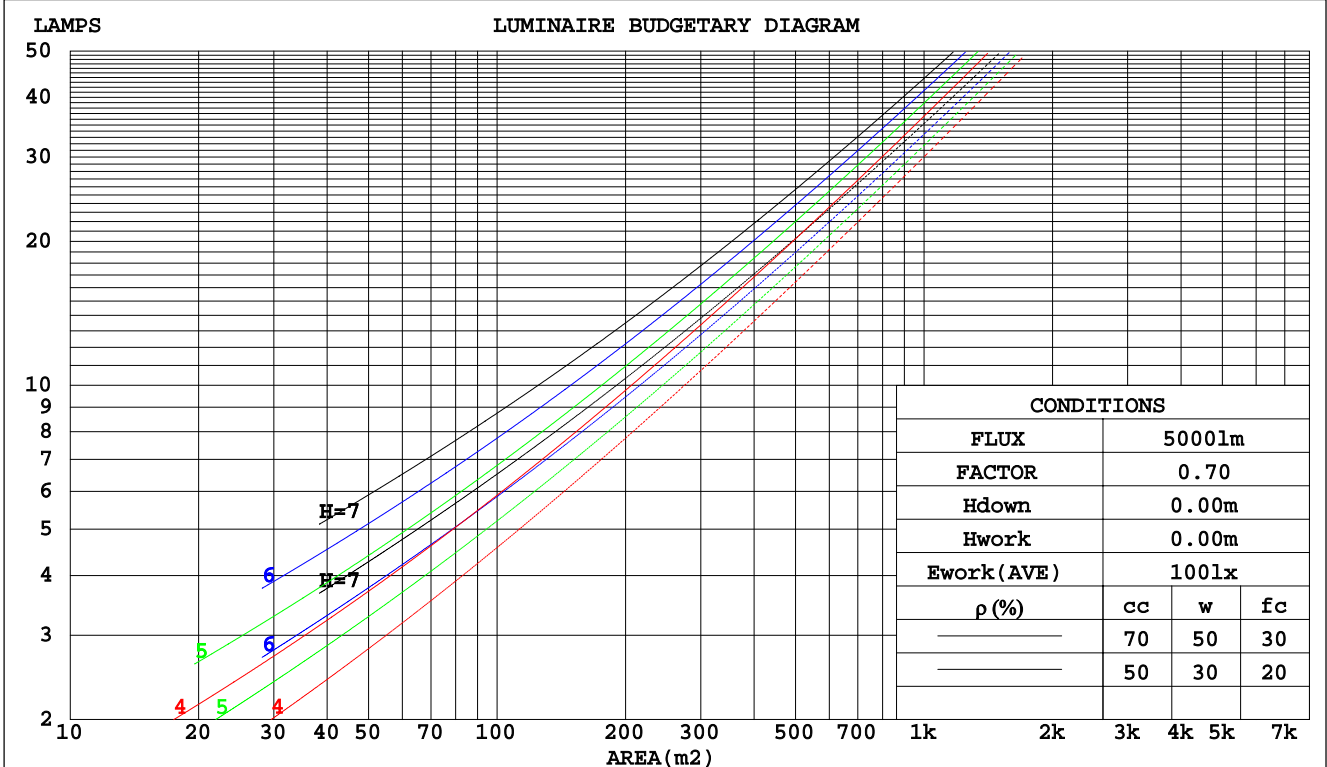
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:牛建龙  
Test Date:2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:7.500m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION 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	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.98	.93	.88	.94	.90	.86	.87	.84	.80	.81	.78	.75	.75	.73	.71	.67
2.0	.84	.76	.70	.81	.74	.68	.75	.69	.64	.69	.65	.61	.64	.61	.57	.54
3.0	.73	.64	.57	.70	.62	.56	.65	.59	.53	.61	.55	.50	.56	.52	.48	.45
4.0	.64	.55	.48	.62	.53	.47	.58	.50	.44	.53	.47	.42	.50	.45	.40	.38
5.0	.57	.48	.41	.55	.46	.40	.51	.44	.38	.48	.41	.36	.44	.39	.35	.32
6.0	.51	.42	.35	.49	.41	.34	.46	.39	.33	.43	.36	.32	.40	.34	.30	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.34	.29	.39	.33	.28	.36	.31	.27	.24
8.0	.42	.33	.27	.40	.32	.27	.38	.31	.26	.36	.29	.25	.33	.28	.24	.21
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.26	.22	.31	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.21	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.360	.205	.065	.348	.199	.063	.327	.187	.060	.307	.177	.057	.288	.167	.054	
2.0	.320	.175	.054	.310	.171	.053	.290	.161	.050	.272	.153	.048	.256	.145	.046	
3.0	.288	.153	.046	.279	.149	.045	.261	.142	.043	.245	.134	.041	.230	.127	.039	
4.0	.262	.136	.040	.253	.133	.039	.237	.126	.038	.223	.120	.036	.209	.114	.035	
5.0	.239	.122	.035	.232	.119	.035	.217	.113	.033	.204	.107	.032	.191	.102	.031	
6.0	.220	.110	.032	.213	.108	.031	.200	.102	.030	.188	.098	.029	.176	.093	.028	
7.0	.203	.101	.029	.197	.098	.028	.185	.094	.027	.174	.089	.026	.163	.085	.025	
8.0	.189	.092	.026	.183	.090	.026	.172	.086	.025	.162	.082	.024	.152	.078	.023	
9.0	.176	.085	.024	.171	.083	.023	.161	.080	.023	.152	.076	.022	.143	.073	.021	
10.0	.165	.079	.022	.160	.078	.022	.151	.074	.021	.142	.071	.020	.134	.068	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.299	.299	.299	.256	.256	.256	.175	.175	.175	.100	.100	.100	.032	.032	.032	
1.0	.293	.265	.240	.251	.228	.207	.172	.157	.143	.099	.091	.083	.032	.029	.027	
2.0	.286	.242	.205	.245	.208	.177	.168	.144	.124	.097	.084	.072	.031	.027	.024	
3.0	.279	.225	.183	.239	.194	.158	.164	.135	.111	.095	.079	.065	.030	.026	.021	
4.0	.271	.213	.168	.233	.184	.146	.160	.128	.103	.093	.075	.061	.030	.024	.020	
5.0	.264	.203	.158	.227	.175	.137	.156	.123	.097	.090	.072	.057	.029	.023	.019	
6.0	.257	.195	.150	.221	.169	.131	.152	.118	.093	.088	.069	.055	.028	.023	.018	
7.0	.250	.188	.145	.215	.163	.126	.148	.114	.090	.086	.067	.053	.028	.022	.018	
8.0	.243	.183	.141	.209	.158	.123	.145	.111	.087	.084	.066	.052	.027	.022	.017	
9.0	.237	.178	.138	.204	.154	.120	.141	.108	.085	.082	.064	.051	.027	.021	.017	
10.0	.231	.174	.135	.199	.151	.118	.138	.106	.084	.081	.063	.050	.026	.021	.017	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:牛建龙  
 Test Date:2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: RISINGSUN LIGHTING					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	15.9	17.3	16.4	17.8	18.3	17.5	18.9	17.9	19.3	19.8
3H	17.4	18.7	17.9	19.2	19.7	19.7	21.0	20.2	21.5	22.0
4H	18.0	19.2	18.5	19.7	20.3	20.9	22.1	21.4	22.6	23.2
6H	18.3	19.5	18.9	20.0	20.6	22.1	23.2	22.6	23.7	24.3
8H	18.4	19.5	19.0	20.1	20.7	22.7	23.8	23.2	24.3	24.9
12H	18.4	19.5	19.0	20.1	20.7	23.4	24.5	23.9	25.0	25.6
4H 2H	16.9	18.1	17.4	18.6	19.2	18.1	19.3	18.6	19.8	20.3
3H	18.7	19.7	19.2	20.3	20.9	20.5	21.6	21.1	22.1	22.7
4H	19.4	20.4	20.0	20.9	21.6	21.8	22.8	22.4	23.4	24.0
6H	19.9	20.8	20.5	21.4	22.1	23.2	24.1	23.8	24.7	25.4
8H	20.1	20.9	20.7	21.5	22.2	24.0	24.8	24.6	25.4	26.1
12H	20.1	20.9	20.8	21.5	22.2	24.8	25.6	25.4	26.2	26.9
8H 4H	20.1	20.9	20.7	21.5	22.2	22.1	23.0	22.8	23.6	24.3
6H	21.0	21.6	21.6	22.3	23.0	23.8	24.5	24.4	25.1	25.8
8H	21.3	21.9	21.9	22.5	23.3	24.7	25.3	25.4	26.0	26.7
12H	21.5	22.0	22.2	22.7	23.5	25.8	26.3	26.5	27.0	27.8
12H 4H	20.3	21.1	20.9	21.7	22.4	22.2	22.9	22.8	23.5	24.2
6H	21.3	21.9	22.0	22.6	23.3	23.9	24.5	24.5	25.1	25.9
8H	21.8	22.3	22.4	23.0	23.7	24.9	25.4	25.6	26.1	26.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1420 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.2)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:牛建龙  
 Test Date:2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

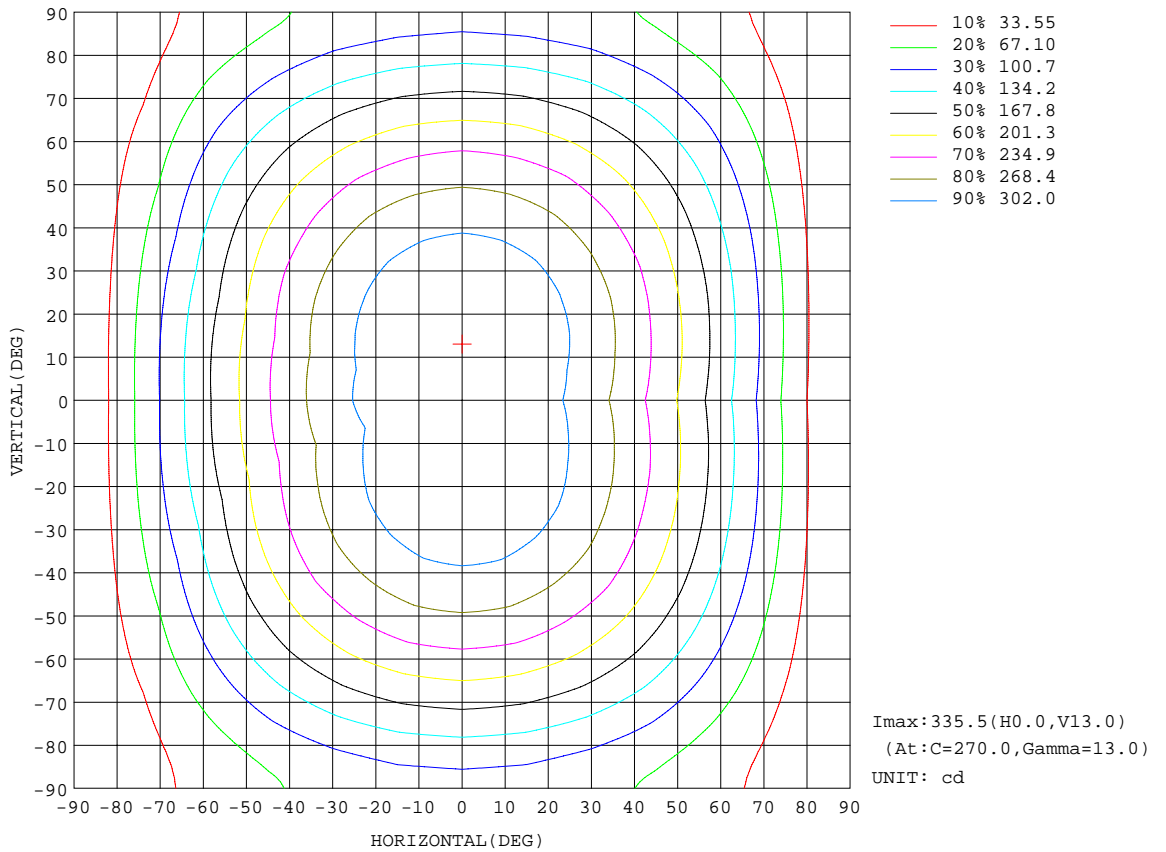
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	37	30	49	37	30	47	36	30	23
0.80	59	46	39	58	46	38	55	44	37	30
1.00	67	55	46	65	54	46	62	54	45	37
1.25	74	62	54	72	61	53	68	59	52	42
1.50	79	68	60	77	66	59	72	63	57	47
2.00	87	76	68	84	74	67	79	71	64	54
2.50	91	81	74	88	79	72	82	75	69	58
3.00	95	86	79	91	84	77	85	79	74	61
4.00	99	92	86	96	89	84	89	84	79	66
5.00	102	96	90	98	93	88	91	87	83	69
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: 牛建龙  
 Test Date: 2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

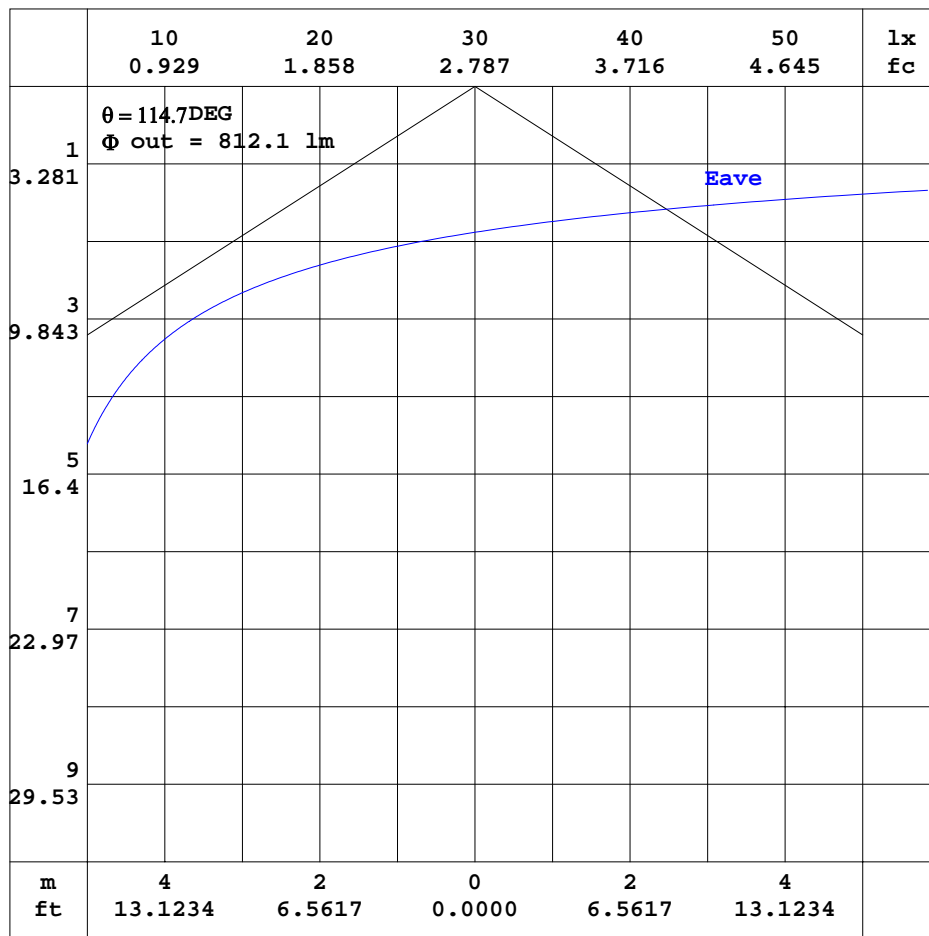


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

AAI CURVES

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:



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

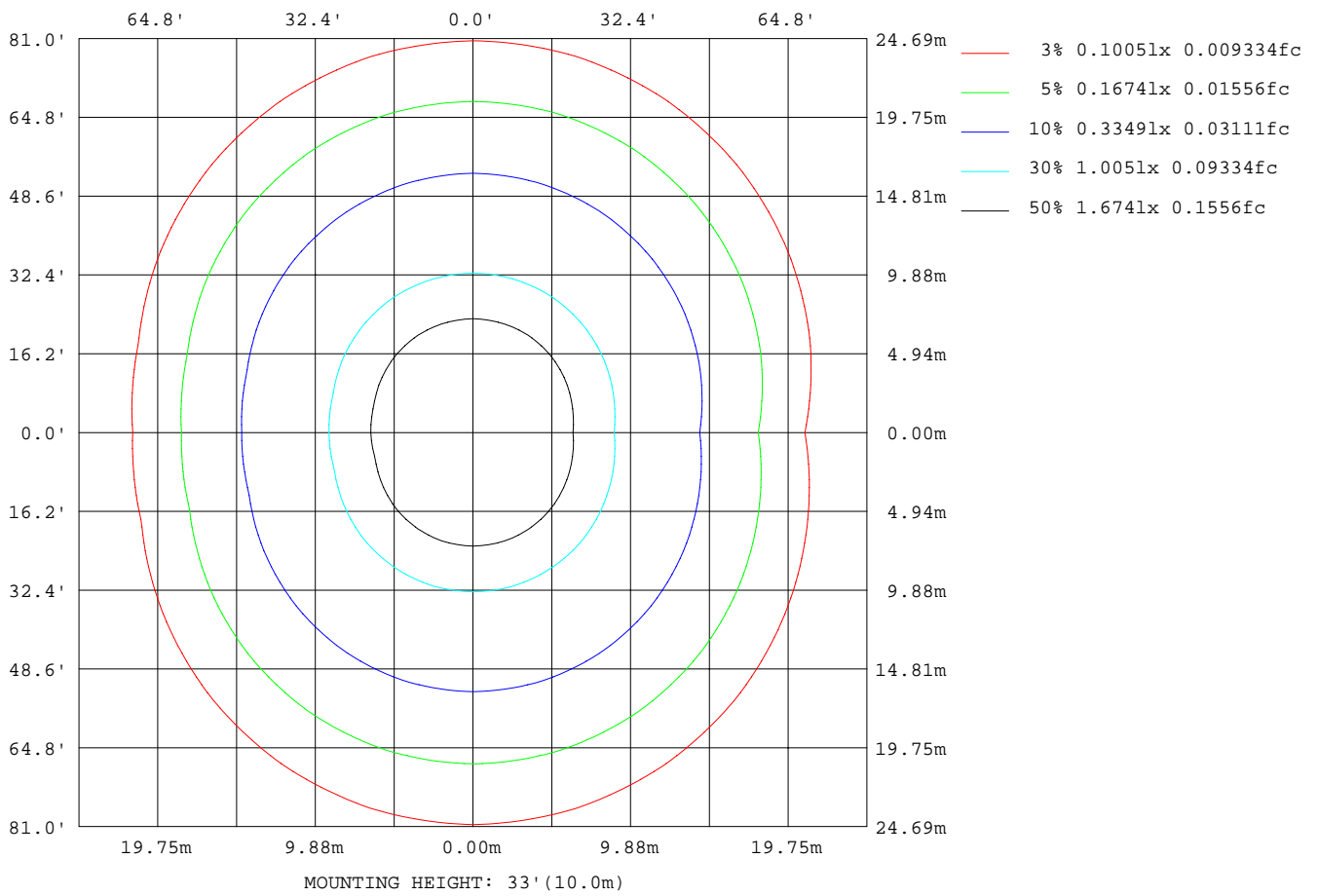
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

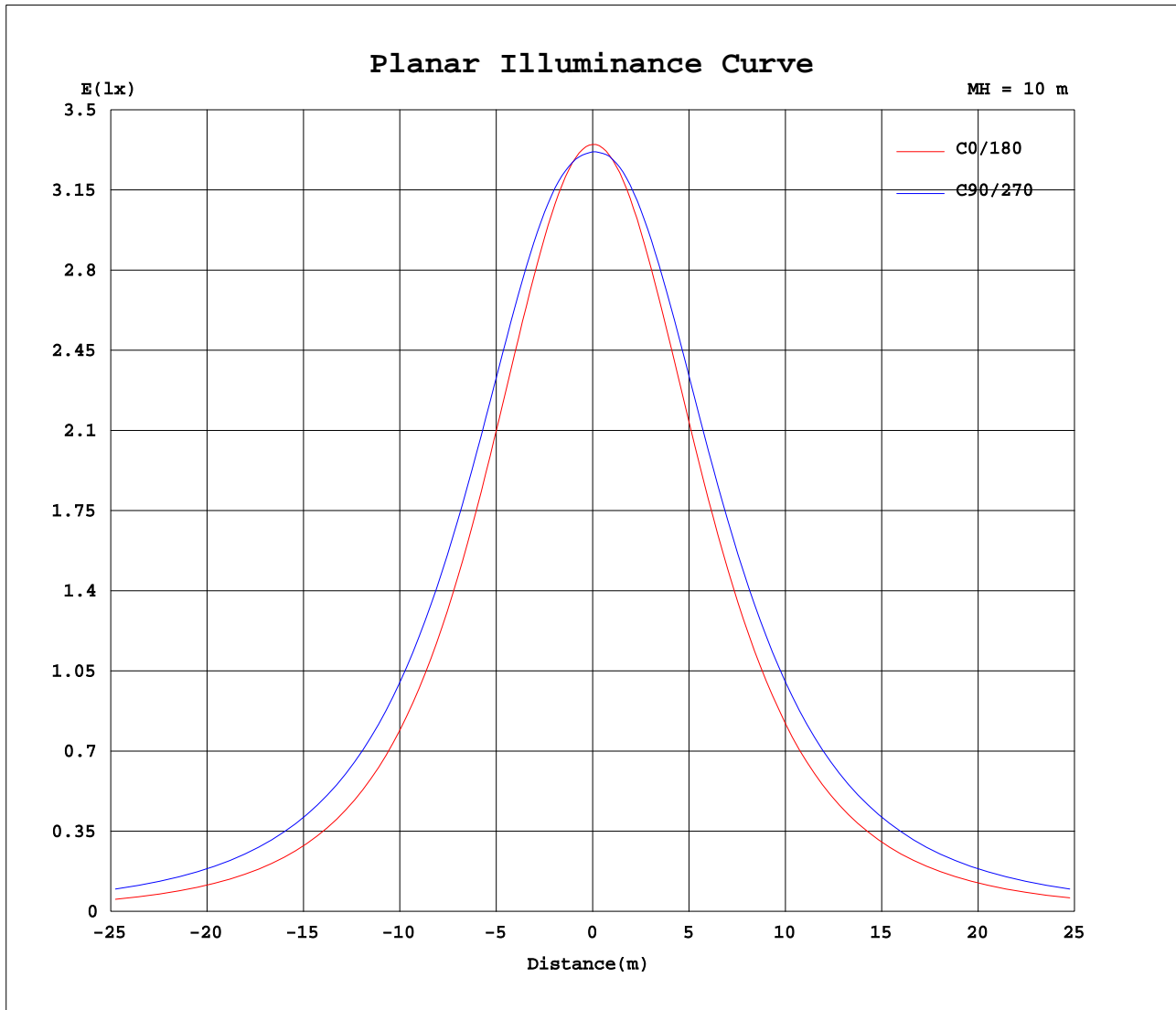
AvgL	cd/m2
L_0~180(65)av	2954
L_0~180(75)av	2570
L_0~180(85)av	1763
L_90~270(65)av	4760
L_90~270(75)av	5806
L_90~270(85)av	11756
L_45(65)av	4154
L_45(75)av	4735
L_45(85)av	8485

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 牛建龙  
 Test Date: 2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 牛建龙  
Test Date: 2019-10-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 7.500m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION 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	335	334	333	333	333	332	332	331	331	331	331	330	335	334	333	333	333	332	332
5	333	333	332	332	333	333	332	332	331	330	329	329	334	333	333	333	333	334	333
10	328	329	330	331	333	334	334	333	331	329	326	324	330	329	331	332	334	335	335
15	320	323	326	329	332	334	334	333	330	326	321	318	324	323	326	330	333	335	335
20	310	314	319	325	329	332	332	331	327	321	315	309	315	314	320	325	330	332	333
25	298	303	310	318	323	327	328	326	321	314	306	298	303	303	311	318	324	327	329
30	282	290	298	308	315	319	320	318	313	305	295	284	289	290	299	308	315	320	321
35	265	274	285	296	304	309	310	308	302	293	281	269	272	274	286	296	304	309	311
40	245	257	269	282	290	296	298	295	288	279	265	252	253	256	270	281	291	296	299
45	224	237	251	265	274	281	283	280	273	262	247	232	232	236	252	264	275	281	283
50	200	214	230	246	256	264	266	263	254	243	227	210	209	214	231	245	257	263	266
55	175	191	208	223	236	244	246	244	234	221	204	186	184	191	208	224	236	243	247
60	148	165	183	200	213	222	225	221	212	198	180	161	158	165	184	200	213	222	224
65	119	138	158	176	189	198	201	198	188	173	155	134	130	138	158	176	189	198	201
70	90.2	110	131	149	164	173	176	173	163	147	128	107	101	110	131	149	164	173	176
75	60.8	81.7	102	122	137	147	150	147	136	121	100.0	78.5	72.2	80.8	103	122	137	147	150
80	33.5	54.1	75.8	96.1	111	121	125	121	110	94.9	74.1	51.8	43.9	53.3	76.6	95.5	111	121	125
85	11.6	30.9	53.1	73.8	88.7	99.5	103	99.6	88.8	73.5	52.6	30.0	19.2	30.3	53.8	73.1	88.9	98.2	102
90	3.44	19.1	41.8	62.0	77.5	87.8	91.4	88.4	78.6	63.3	43.3	20.4	4.90	19.2	41.9	61.5	76.8	86.3	89.9
95	3.51	18.1	40.5	60.5	75.9	86.1	89.8	86.7	77.1	61.9	42.1	19.7	4.01	18.1	40.5	60.0	75.1	84.7	88.2
100	3.59	15.4	38.3	58.8	73.9	83.9	87.5	84.6	75.1	60.2	39.3	16.8	4.07	14.8	38.9	58.2	73.1	82.5	85.9
105	3.68	15.1	24.7	54.9	70.1	80.8	84.4	81.4	71.3	55.2	25.3	16.5	4.14	14.0	29.1	55.2	70.2	79.6	83.0
110	3.76	13.1	26.0	32.7	56.9	73.9	78.0	74.3	57.6	33.4	28.8	14.6	4.21	12.7	20.0	40.5	64.0	74.4	78.2
115	3.85	10.6	29.2	26.7	30.6	48.2	54.1	48.8	32.1	28.9	30.3	11.7	4.28	9.61	27.5	21.6	43.1	59.9	67.0
120	3.91	9.14	24.9	40.9	30.8	27.9	29.8	28.8	32.4	42.5	25.9	9.83	4.34	8.83	25.1	29.5	23.8	35.1	42.3
125	3.99	7.74	16.9	38.9	47.3	43.2	42.8	43.4	48.1	39.7	17.3	8.25	4.38	7.70	18.4	37.4	32.7	28.7	28.6
130	4.07	6.83	16.9	31.2	44.1	53.0	57.0	52.8	45.4	33.3	16.9	6.94	4.43	7.02	14.1	32.2	43.2	43.2	41.3
135	4.17	5.88	14.9	18.0	35.9	46.0	50.9	46.3	37.7	19.4	16.0	6.28	4.49	6.37	14.7	23.3	37.6	45.5	49.2
140	4.27	5.36	10.5	18.8	20.1	35.2	41.3	36.0	21.7	20.3	10.2	5.82	4.54	5.75	12.3	14.7	28.4	36.5	41.5
145	4.38	4.93	8.89	16.2	20.1	19.4	21.9	19.1	21.2	18.5	8.51	5.43	4.60	5.13	8.79	16.2	16.5	26.7	31.2
150	4.49	4.61	7.36	10.7	17.1	24.5	27.8	24.7	19.3	10.2	7.89	4.87	4.66	4.75	7.56	12.6	16.9	16.9	17.9
155	4.59	4.56	6.05	8.82	10.5	17.0	20.8	17.6	10.3	8.42	6.52	4.63	4.72	4.79	6.48	8.64	13.0	17.1	19.2
160	4.69	4.67	5.30	7.00	8.89	10.7	11.4	10.5	8.85	7.12	5.56	4.69	4.78	4.84	5.45	6.87	8.56	9.94	10.9
165	4.79	4.77	4.83	5.82	7.04	8.31	8.76	8.31	6.53	5.81	4.98	4.77	4.84	4.89	5.00	5.61	6.35	7.70	7.98
170	4.87	4.87	4.91	5.00	5.42	5.98	6.21	5.81	5.38	5.06	4.94	4.85	4.90	4.94	5.03	5.13	5.28	5.56	5.75
175	4.93	4.94	5.00	5.10	5.18	5.23	5.26	5.24	5.19	5.09	4.99	4.90	4.96	4.99	5.08	5.16	5.25	5.30	5.31
180	4.98	5.01	5.08	5.18	5.24	5.31	5.32	5.29	5.21	5.12	5.02	4.95	4.98	5.00	5.08	5.17	5.25	5.30	5.33

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:牛建龙  
 Test Date:2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2040A P:24.15W PF:0.9873 Lamp Flux:1420.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: RISINGSUN LIGHTING	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C( DEG) γ (DEG)	285	300	315	330	345														
0	331	331	331	331	330														
5	333	332	331	330	330														
10	335	333	331	329	327														
15	335	332	329	325	321														
20	332	330	325	319	313														
25	327	324	318	311	303														
30	320	316	309	300	290														
35	309	305	297	287	275														
40	296	292	283	271	257														
45	281	276	266	254	238														
50	264	258	247	234	217														
55	244	238	226	211	194														
60	222	215	203	187	169														
65	199	191	178	162	142														
70	174	165	152	135	114														
75	147	139	125	107	85.2														
80	122	113	98.2	80.3	57.6														
85	99.0	90.6	75.4	56.8	34.0														
90	86.8	77.6	62.6	43.4	20.9														
95	85.0	75.7	60.7	41.5	19.4														
100	82.7	73.6	58.9	39.6	16.5														
105	79.9	70.8	55.4	31.1	15.8														
110	74.7	65.1	43.4	21.3	14.1														
115	61.4	46.6	24.4	28.0	10.7														
120	37.2	26.1	28.3	26.3	9.69														
125	28.9	31.3	36.9	20.5	8.09														
130	41.9	42.0	32.1	14.2	6.70														
135	44.8	37.6	23.9	13.4	5.85														
140	36.0	27.6	15.1	11.1	5.26														
145	26.2	17.0	13.4	7.62	4.89														
150	16.1	14.5	12.0	6.57	4.58														
155	15.3	12.4	7.49	5.99	4.64														
160	9.02	7.63	6.22	5.13	4.70														
165	7.28	6.36	5.35	4.83	4.77														
170	5.43	5.10	4.99	4.90	4.84														
175	5.25	5.16	5.06	4.96	4.90														
180	5.28	5.21	5.12	5.02	4.95														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:牛建龙  
 Test Date:2019-10-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks: