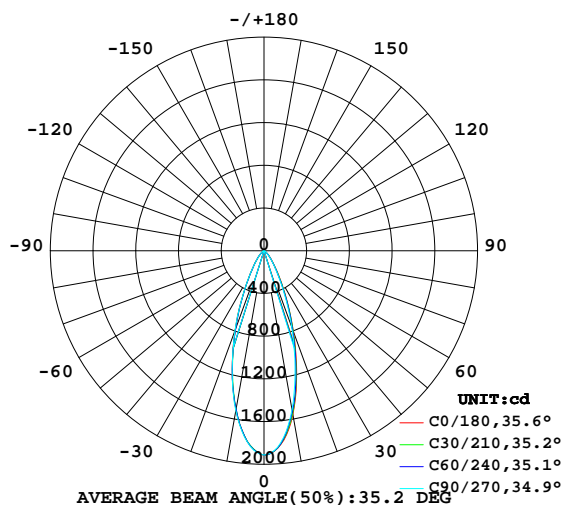


## LUMINAIRE PHOTOMETRIC TEST REPORT

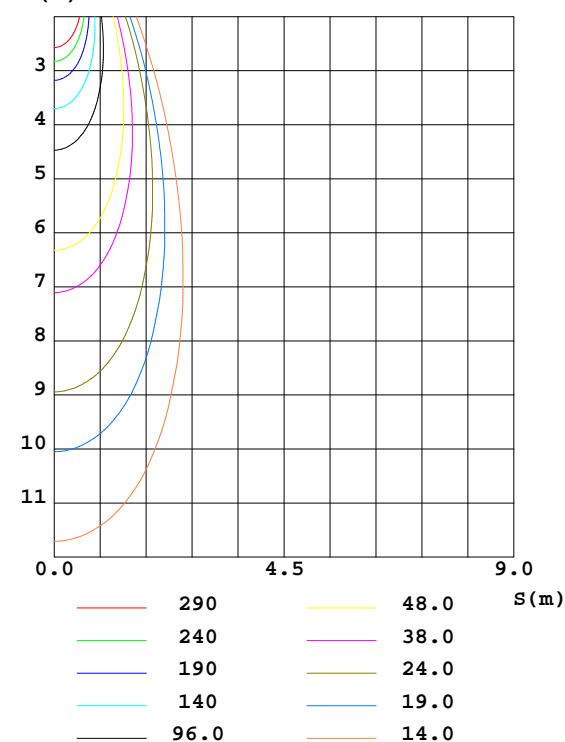
Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.25 lm/W			
MODEL	M032-11W-930-S-38	Imax(cd)	1912	S/MH(C0/180)	0.59
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	922.92	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	922.917	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.7
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.4	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:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [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	1560	1551	1510	1513	1513	1495	1521	1539	0- 10	163.2	163.2	17.7,17.7
20	807.1	801.3	758.3	779.8	791.2	777.0	794.9	793.0	10- 20	315.9	479.1	51.9,51.9
30	295.0	285.4	268.2	275.9	280.4	269.5	277.8	280.9	20- 30	223.6	702.7	76.1,76.1
40	104.9	99.95	95.31	95.25	101.2	93.52	97.65	98.68	30- 40	104.5	807.2	87.5,87.5
50	40.06	36.69	35.21	36.67	36.73	35.01	37.94	37.22	40- 50	48.22	855.4	92.7,92.7
60	16.77	17.14	16.18	16.73	16.13	16.30	16.07	16.56	50- 60	21.95	877.4	95.1,95.1
70	8.655	8.841	8.725	9.180	8.534	8.633	8.722	8.715	60- 70	12.04	889.4	96.4,96.4
80	4.808	4.121	5.662	4.268	5.004	4.127	5.032	4.262	70- 80	6.736	896.1	97.1,97.1
90	1.842	1.608	2.013	1.742	2.116	1.961	2.351	2.061	80- 90	3.199	899.3	97.4,97.4
100	1.783	1.585	1.968	1.705	2.295	2.107	2.489	2.182	90-100	2.141	901.5	97.7,97.7
110	2.180	1.879	2.201	2.007	2.645	2.406	2.809	2.460	100-110	2.255	903.7	97.9,97.9
120	2.871	2.664	3.128	2.796	3.318	3.078	3.338	3.103	110-120	2.615	906.3	98.2,98.2
130	3.990	3.923	4.151	4.059	4.287	4.219	4.355	4.211	120-130	3.185	909.5	98.5,98.5
140	5.368	5.346	5.567	5.467	5.578	5.554	5.685	5.549	130-140	3.729	913.3	99.99
150	6.537	6.450	6.690	6.533	6.700	6.588	6.750	6.602	140-150	3.818	917.1	99.4,99.4
160	6.966	6.970	6.985	6.980	7.067	7.053	7.067	7.056	150-160	3.177	920.3	99.7,99.7
170	7.013	7.009	6.997	6.991	7.079	7.061	7.058	7.087	160-170	1.996	922.2	99.9,99.9
180	7.167	7.159	7.144	7.160	7.171	7.154	7.144	7.167	170-180	0.6735	922.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

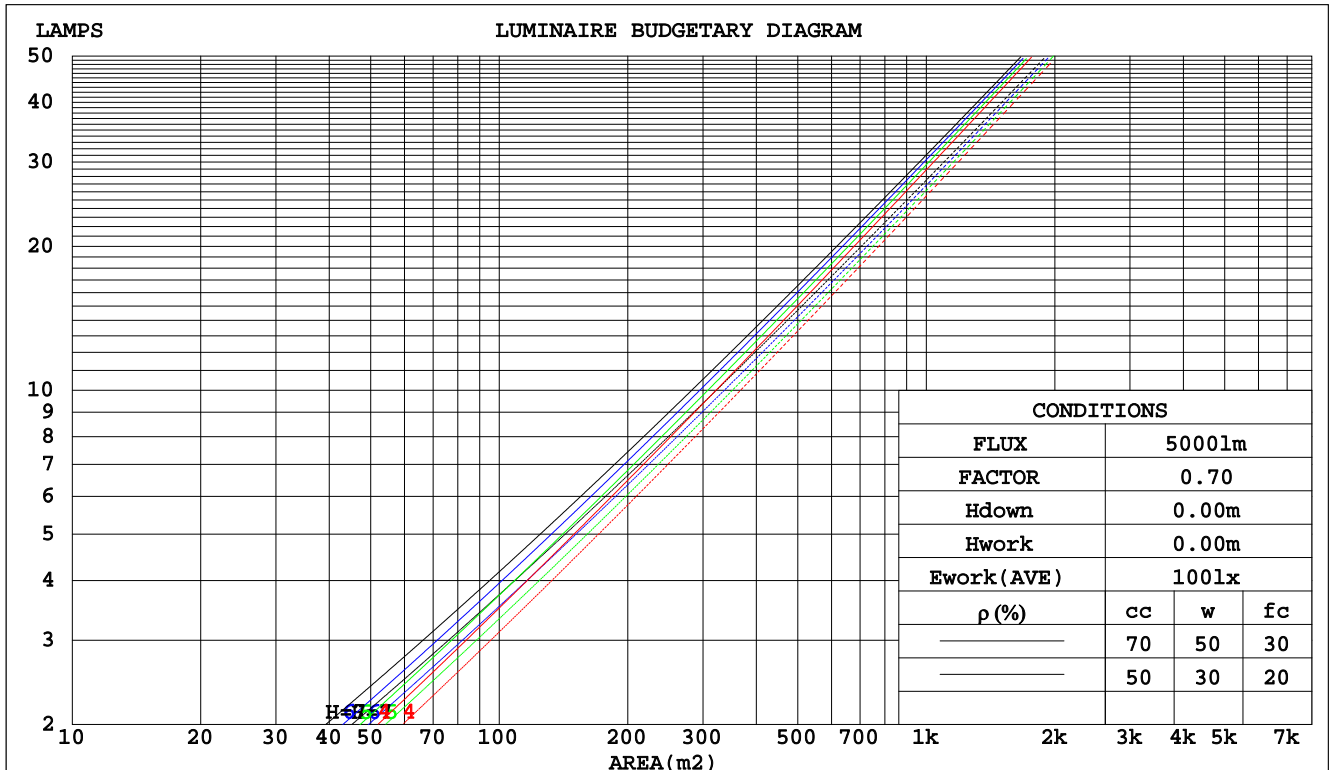
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	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															



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm					
NAME:		TYPE:		WEIGHT:	
DIM.:		SPEC.:		SERIAL No.:	
MFR.: Rayconn		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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.178	.101	.032	.170	.097	.031	.156	.090	.029	.144	.083	.027	.132	.076	.025	
2.0	.167	.092	.028	.161	.089	.027	.149	.083	.026	.138	.078	.024	.128	.072	.023	
3.0	.157	.084	.025	.152	.081	.025	.142	.077	.023	.132	.073	.022	.124	.068	.021	
4.0	.148	.077	.023	.144	.075	.022	.135	.071	.021	.126	.068	.020	.119	.065	.020	
5.0	.140	.071	.021	.136	.070	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	
6.0	.133	.067	.019	.129	.065	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017	
7.0	.126	.062	.018	.123	.061	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	
8.0	.120	.059	.016	.117	.058	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	
9.0	.115	.055	.015	.112	.055	.015	.107	.053	.015	.102	.051	.015	.098	.050	.014	
10.0	.110	.053	.015	.107	.052	.014	.103	.050	.014	.099	.049	.014	.094	.048	.014	

pcc	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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.177	.164	.163	.152	.142	.112	.104	.098	.064	.060	.057	.021	.019	.018	
2.0	.175	.152	.133	.150	.131	.115	.103	.091	.080	.059	.053	.047	.019	.017	.015	
3.0	.163	.133	.110	.139	.115	.095	.096	.080	.067	.055	.047	.039	.018	.015	.013	
4.0	.152	.119	.093	.130	.103	.081	.090	.071	.057	.052	.042	.034	.017	.014	.011	
5.0	.143	.107	.081	.123	.093	.070	.084	.065	.050	.049	.038	.029	.016	.012	.010	
6.0	.135	.098	.071	.116	.085	.062	.080	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.128	.090	.063	.110	.078	.055	.076	.055	.039	.044	.032	.023	.014	.011	.008	
8.0	.122	.084	.057	.105	.073	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007	
9.0	.117	.078	.052	.101	.068	.046	.070	.048	.032	.041	.028	.019	.013	.009	.006	
10.0	.112	.074	.049	.097	.064	.042	.067	.045	.030	.039	.027	.018	.013	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm											
NAME:					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Rayconn					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	21.1	21.9	21.3	22.2	22.4	20.7	21.6	20.9	21.8	22.0	
	3H	21.3	22.1	21.6	22.4	22.6	20.9	21.7	21.2	22.0	22.2
	4H	21.4	22.2	21.8	22.5	22.7	21.1	21.9	21.4	22.1	22.4
	6H	21.6	22.3	21.9	22.6	22.9	21.4	22.2	21.8	22.4	22.7
	8H	21.7	22.4	22.0	22.7	23.0	21.6	22.3	21.9	22.6	22.9
	12H	21.8	22.4	22.1	22.8	23.1	21.7	22.4	22.1	22.7	23.0
4H	2H	21.1	21.8	21.4	22.1	22.4	20.7	21.5	21.0	21.7	22.0
	3H	21.4	22.1	21.8	22.4	22.7	21.1	21.8	21.4	22.1	22.4
	4H	21.6	22.2	22.0	22.6	22.9	21.3	21.9	21.7	22.3	22.6
	6H	21.9	22.4	22.3	22.8	23.2	21.9	22.4	22.3	22.8	23.2
	8H	22.0	22.5	22.4	22.9	23.3	22.2	22.7	22.6	23.1	23.5
	12H	22.2	22.6	22.6	23.0	23.5	22.4	22.9	22.9	23.3	23.7
8H	4H	21.7	22.2	22.1	22.5	23.0	21.4	21.9	21.8	22.3	22.7
	6H	22.0	22.4	22.4	22.8	23.3	22.0	22.4	22.5	22.9	23.3
	8H	22.2	22.5	22.7	23.0	23.5	22.4	22.8	22.9	23.2	23.7
	12H	22.4	22.7	22.9	23.2	23.7	22.8	23.1	23.3	23.6	24.1
12H	4H	21.6	22.1	22.1	22.5	22.9	21.3	21.8	21.8	22.2	22.7
	6H	22.0	22.3	22.5	22.8	23.3	22.0	22.4	22.5	22.8	23.3
	8H	22.2	22.5	22.7	23.0	23.5	22.4	22.7	22.9	23.2	23.8
Variations with the observer position at spacings:											
S = 1.0H	+ 1.3 / - 1.6					+ 1.0 / - 1.4					
1.5H	+ 2.2 / - 1.5					+ 1.8 / - 1.1					
2.0H	+ 2.4 / - 1.2					+ 1.8 / - 0.8					

CIE Pub.117 Corrected 922.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

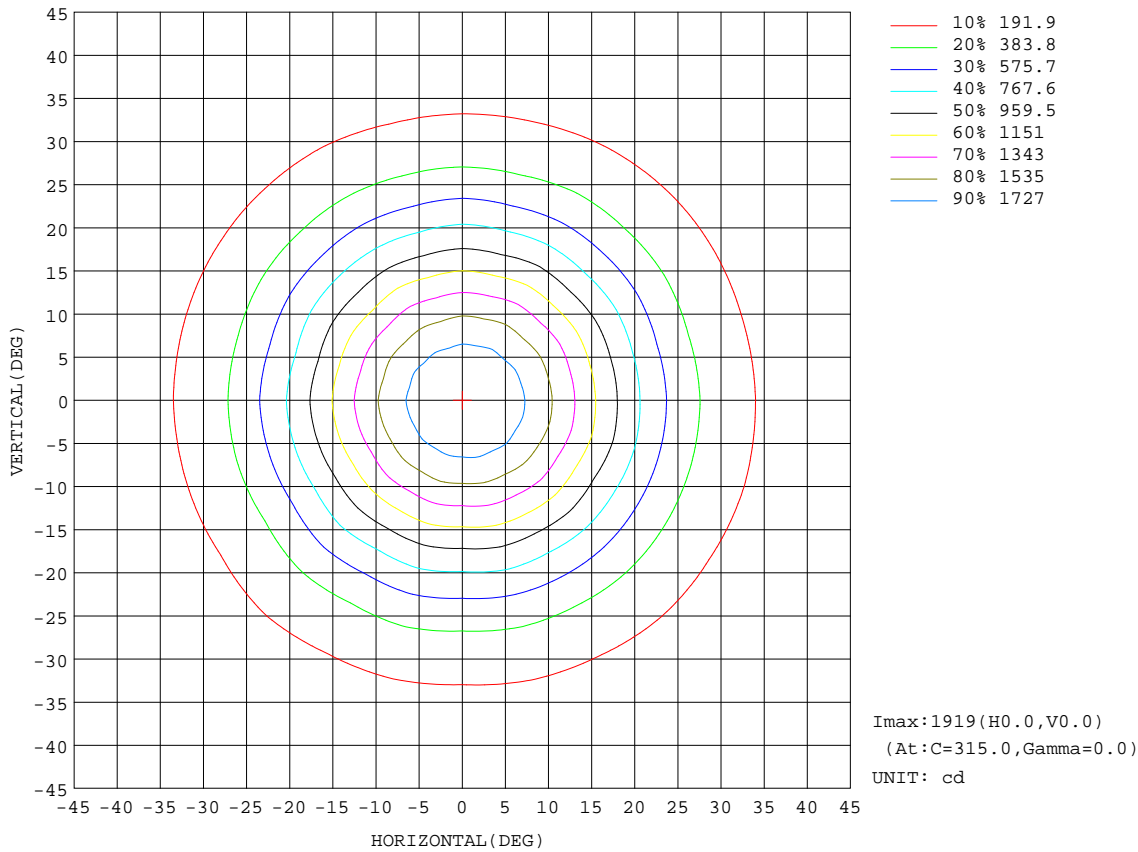
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	77	73	83	77	73	82	76	72	69
0.80	91	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	99	95	93	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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:ZhangXiao  
Test Date:2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

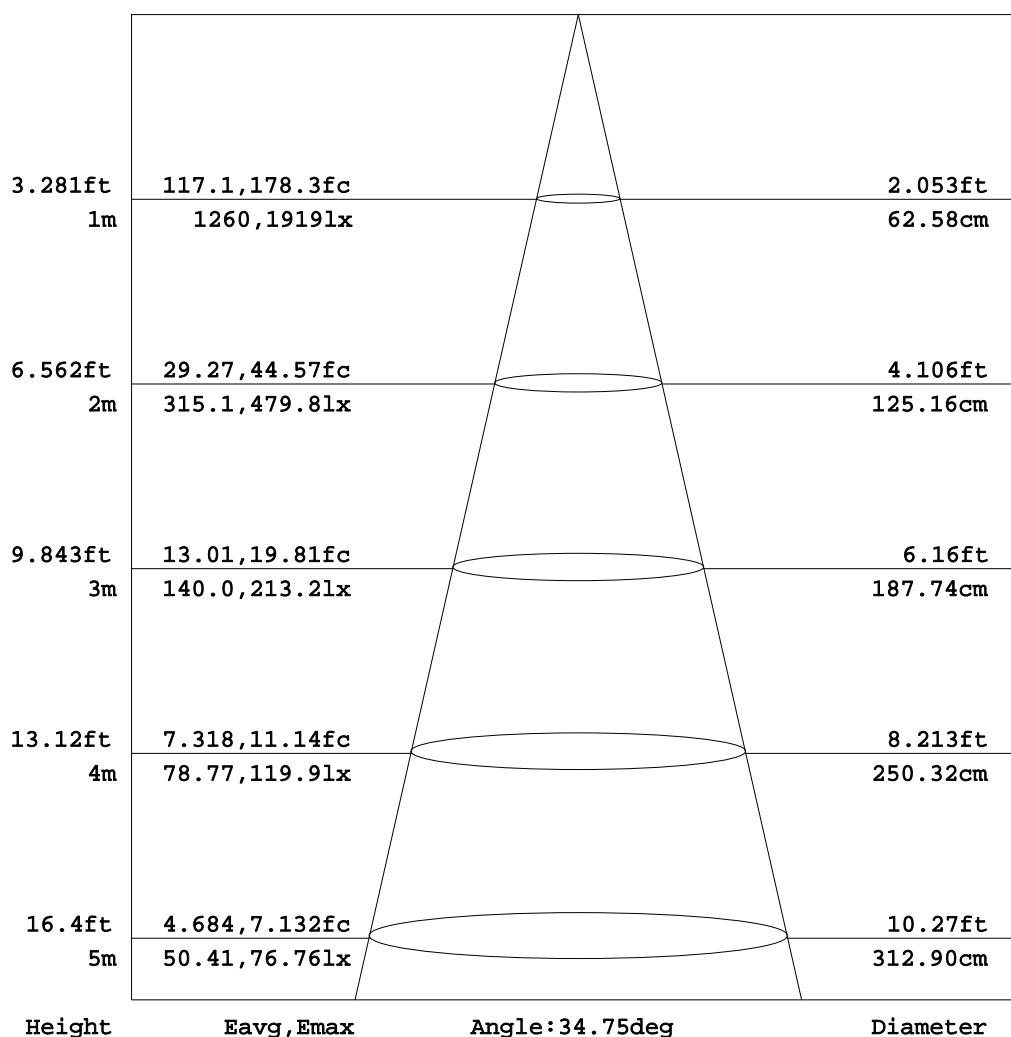


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

### AAI Figure

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:418.0 lm



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

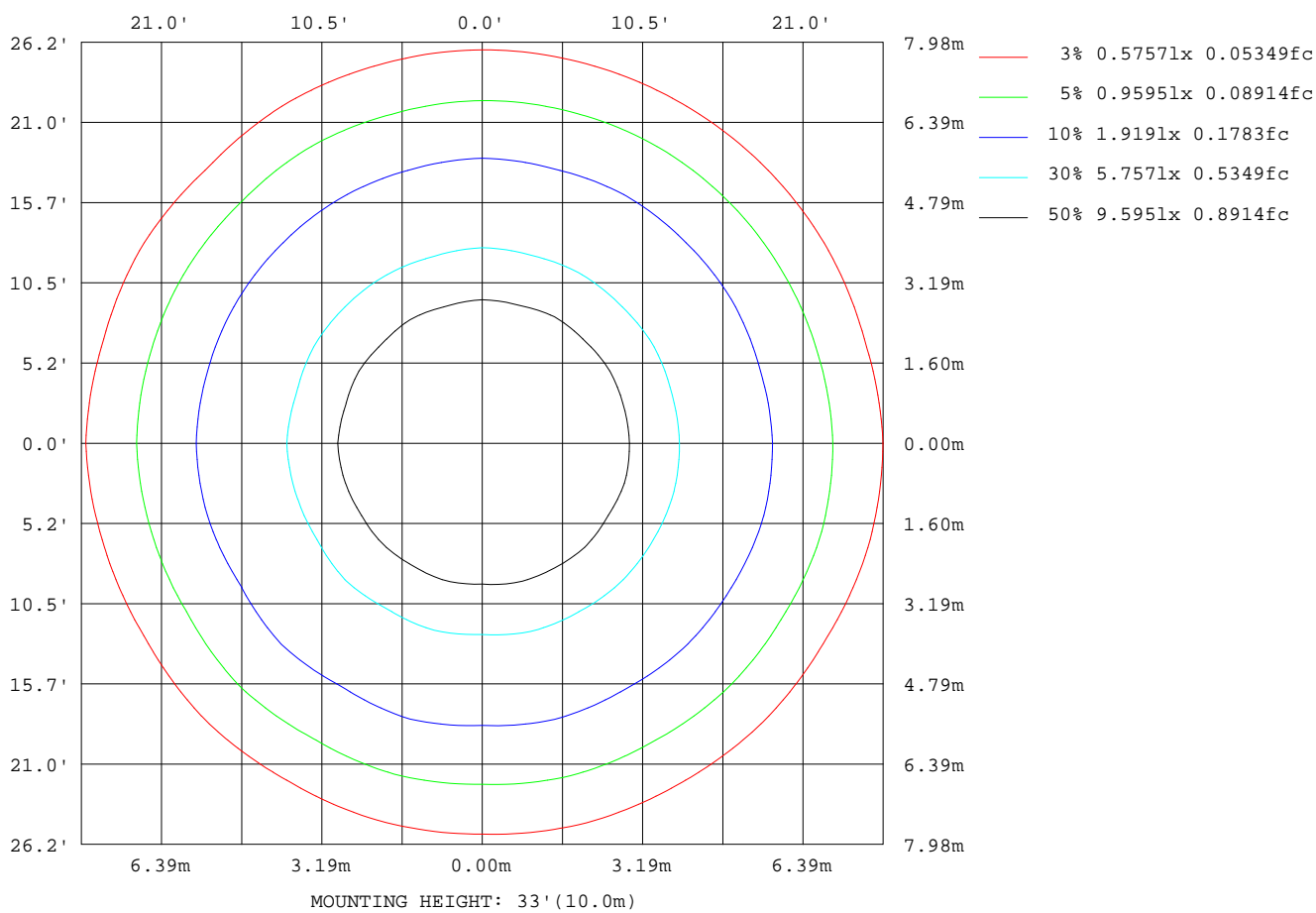
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

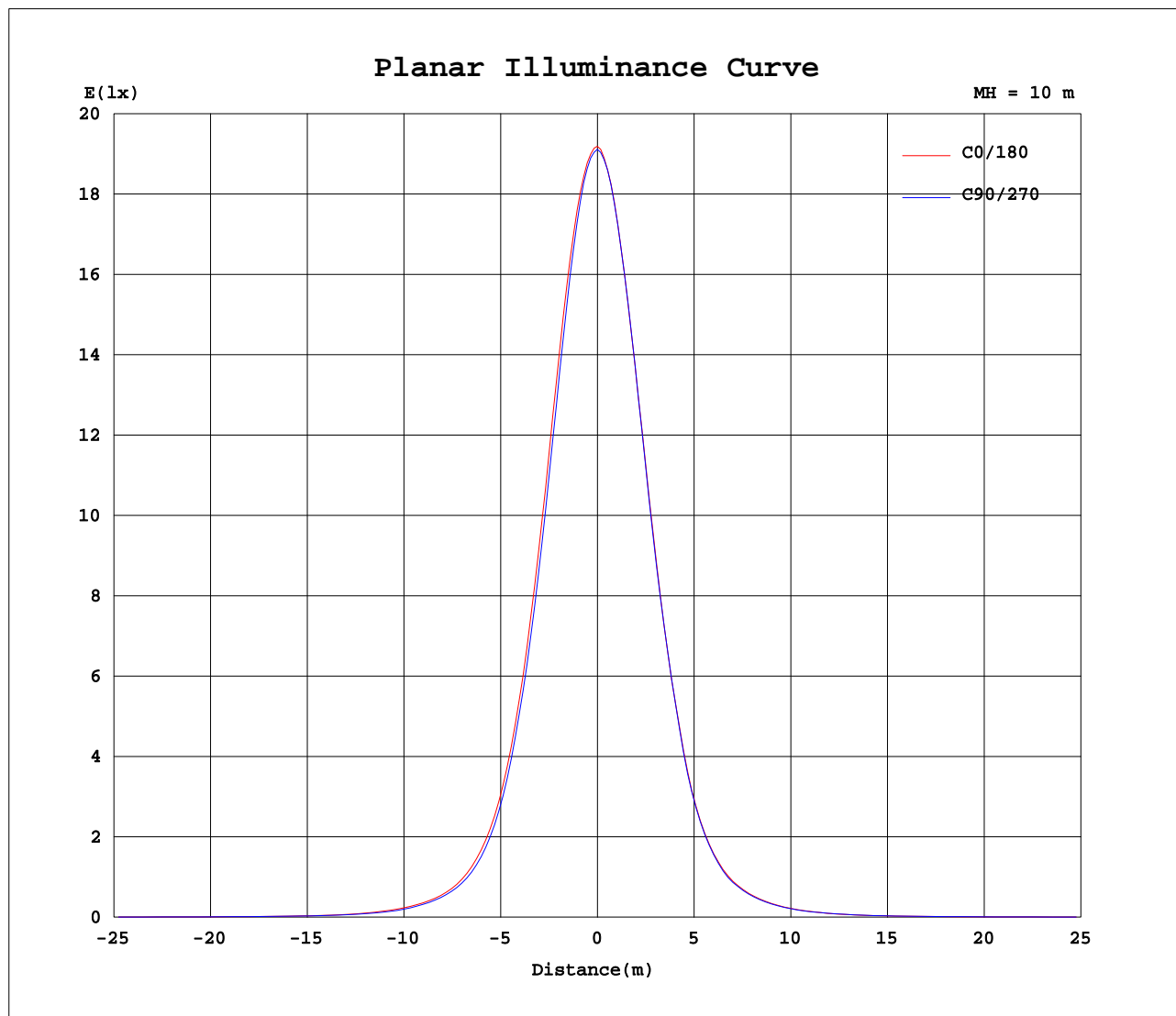
Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										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	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912
5	1821	1823	1815	1823	1814	1815	1805	1807	1798	1799	1789	1796	1794	1786	1792	1784	1794	1790	1798
10	1560	1564	1549	1551	1529	1528	1510	1518	1504	1513	1502	1512	1513	1496	1507	1495	1507	1500	1521
15	1182	1191	1168	1177	1157	1153	1126	1140	1126	1134	1124	1144	1154	1133	1142	1126	1148	1132	1152
20	807	816	799	801	781	786	758	777	757	780	759	778	791	766	784	777	779	773	795
25	501	494	490	490	483	481	464	477	461	479	459	475	485	474	477	470	478	470	480
30	295	297	287	285	275	279	268	278	265	276	262	276	280	274	271	270	271	269	278
35	172	172	165	165	160	160	155	157	153	159	155	158	162	159	160	154	158	156	158
40	105	104	99.1	99.9	98.1	97.1	95.3	94.5	94.7	95.3	93.8	97.3	101	96.5	94.9	93.5	97.6	95.8	97.7
45	66.7	65.2	62.0	60.9	62.5	61.1	57.5	58.9	60.0	58.9	59.7	61.4	62.2	59.2	59.2	56.6	61.0	59.3	60.3
50	40.1	40.6	38.3	36.7	38.2	36.9	35.2	36.9	36.6	36.7	35.5	37.2	36.7	37.1	36.4	35.0	36.8	36.0	37.9
55	24.5	25.2	23.5	23.8	24.4	22.9	22.3	23.9	23.5	23.5	23.3	23.8	22.6	23.1	22.4	22.9	23.9	22.6	23.1
60	16.8	17.5	16.8	17.1	16.7	16.4	16.2	17.1	16.6	16.7	16.6	16.7	16.1	16.6	16.2	16.3	16.4	16.2	16.1
65	12.0	12.5	12.1	12.3	11.8	11.7	11.9	12.2	12.1	12.5	12.2	12.0	11.7	12.2	12.0	12.0	11.7	11.9	11.8
70	8.66	8.80	8.75	8.84	8.64	8.34	8.73	8.87	8.84	9.18	8.77	8.60	8.53	8.55	8.75	8.63	8.55	8.35	8.72
75	6.15	6.13	6.18	6.25	6.10	5.98	6.24	6.28	6.30	6.45	6.18	6.10	6.14	6.02	6.20	6.13	6.08	5.97	6.20
80	4.81	4.03	3.99	4.12	4.00	6.48	5.66	4.21	4.19	4.27	4.09	4.47	5.00	4.06	4.16	4.13	4.12	5.67	5.03
85	3.30	2.42	2.39	2.42	2.38	3.64	3.16	2.56	2.53	2.54	2.48	2.67	3.00	2.59	2.60	2.57	2.58	3.58	3.36
90	1.84	1.61	1.62	1.61	1.63	2.11	2.01	1.76	1.78	1.74	1.77	2.04	2.12	1.97	1.96	1.96	1.95	2.43	2.35
95	1.77	1.58	1.58	1.58	1.58	2.16	1.99	1.71	1.72	1.70	1.71	2.00	2.16	2.02	2.02	2.01	2.02	2.52	2.38
100	1.78	1.59	1.59	1.58	1.59	1.96	1.97	1.71	1.71	1.71	1.73	2.19	2.30	2.11	2.12	2.11	2.11	2.41	2.49
105	1.87	1.68	1.67	1.68	1.66	2.01	2.04	1.81	1.80	1.80	1.82	2.34	2.45	2.23	2.24	2.22	2.23	2.48	2.71
110	2.18	1.88	1.88	1.88	1.88	2.16	2.20	2.01	2.00	2.01	2.04	2.70	2.64	2.41	2.42	2.41	2.41	2.71	2.81
115	2.49	2.21	2.21	2.21	2.22	2.72	2.60	2.34	2.34	2.34	2.38	2.83	2.94	2.70	2.69	2.67	2.68	3.16	3.01
120	2.87	2.66	2.67	2.66	2.68	3.20	3.13	2.80	2.81	2.80	2.86	3.23	3.32	3.09	3.08	3.08	3.07	3.65	3.34
125	3.36	3.25	3.26	3.25	3.28	3.59	3.53	3.39	3.40	3.39	3.45	3.76	3.75	3.62	3.60	3.59	3.58	3.96	3.78
130	3.99	3.92	3.93	3.92	3.95	4.11	4.15	4.06	4.07	4.06	4.12	4.27	4.29	4.24	4.22	4.22	4.20	4.38	4.36
135	4.67	4.63	4.64	4.64	4.67	4.79	4.86	4.77	4.78	4.77	4.84	4.93	4.93	4.91	4.89	4.89	4.87	5.01	5.01
140	5.37	5.34	5.34	5.35	5.37	5.47	5.57	5.47	5.48	5.47	5.53	5.59	5.58	5.57	5.54	5.55	5.54	5.64	5.69
145	5.98	5.95	5.96	5.97	5.99	6.17	6.25	6.08	6.08	6.07	6.12	6.20	6.16	6.14	6.12	6.13	6.12	6.23	6.27
150	6.54	6.44	6.45	6.45	6.48	6.68	6.69	6.55	6.54	6.53	6.60	6.74	6.70	6.60	6.58	6.59	6.58	6.74	6.75
155	6.91	6.79	6.79	6.79	6.80	6.98	7.00	6.86	6.84	6.84	6.90	7.10	6.91	6.91	6.89	6.90	6.90	7.10	7.08
160	6.97	6.97	6.96	6.97	6.97	6.99	6.99	6.98	6.98	6.98	6.98	6.99	7.07	7.06	7.06	7.05	7.06	7.06	7.07
165	7.01	7.01	7.00	7.01	7.01	7.01	7.00	6.99	7.01	7.01	7.01	7.02	7.09	7.09	7.08	7.09	7.09	7.09	7.09
170	7.01	7.01	7.00	7.01	7.01	7.00	7.00	6.99	6.99	6.99	7.00	7.01	7.08	7.07	7.06	7.06	7.06	7.07	7.06
175	7.04	7.05	7.04	7.05	7.04	7.04	7.02	7.02	7.02	7.03	7.04	7.05	7.09	7.08	7.08	7.08	7.08	7.07	7.08
180	7.17	7.17	7.16	7.16	7.16	7.15	7.14	7.15	7.15	7.16	7.17	7.17	7.17	7.16	7.16	7.15	7.16	7.15	7.14

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0590A P:10.70W PF:0.7890 Lamp Flux:922.917x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1912	1912	1912	1912	1912														
5	1797	1812	1808	1819	1820														
10	1520	1545	1539	1561	1560														
15	1144	1174	1167	1187	1181														
20	783	803	793	812	802														
25	473	490	485	493	487														
30	273	282	281	287	287														
35	159	161	162	164	167														
40	96.9	98.4	98.7	100	100														
45	59.5	62.9	61.0	63.8	65.6														
50	37.4	38.3	37.2	38.3	38.9														
55	23.2	23.6	24.4	24.0	23.7														
60	16.4	16.0	16.6	16.5	16.5														
65	11.8	11.8	11.9	11.8	11.7														
70	8.58	8.66	8.71	8.46	8.33														
75	6.11	6.26	6.21	6.08	6.00														
80	4.20	4.29	4.26	4.22	4.55														
85	2.72	2.74	2.73	2.75	2.90														
90	2.06	2.04	2.06	2.07	2.22														
95	2.12	2.11	2.10	2.14	2.32														
100	2.19	2.19	2.18	2.23	2.56														
105	2.31	2.30	2.30	2.34	2.78														
110	2.48	2.47	2.46	2.52	3.09														
115	2.75	2.72	2.72	2.77	3.12														
120	3.12	3.10	3.10	3.15	3.40														
125	3.63	3.60	3.61	3.64	3.81														
130	4.25	4.21	4.21	4.25	4.34														
135	4.92	4.87	4.88	4.91	4.99														
140	5.58	5.54	5.55	5.58	5.63														
145	6.17	6.13	6.13	6.16	6.24														
150	6.63	6.60	6.60	6.63	6.76														
155	6.93	6.92	6.91	6.95	7.17														
160	7.06	7.06	7.06	7.07	7.06														
165	7.09	7.09	7.10	7.10	7.11														
170	7.07	7.08	7.09	7.09	7.09														
175	7.08	7.09	7.09	7.11	7.10														
180	7.15	7.15	7.17	7.17	7.18														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: