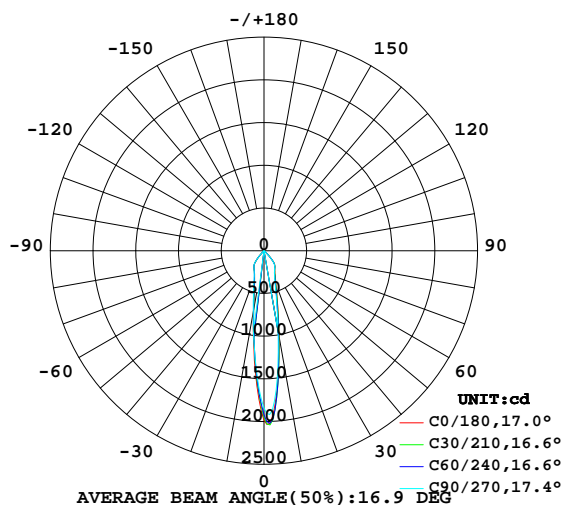


## LUMINAIRE PHOTOMETRIC TEST REPORT

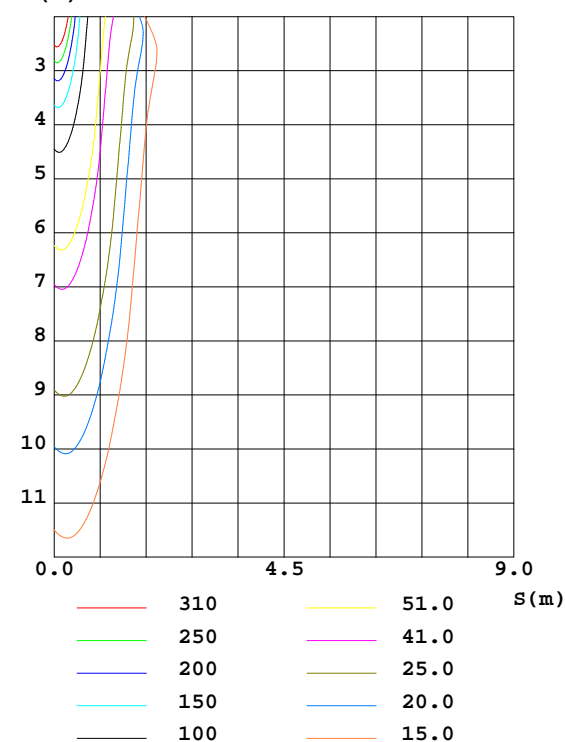
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.53 lm/W			
MODEL	M011-8W-830-S-16	Imax(cd)	2041	S/MH(C0/180)	0.35
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	607.80	η UP,DN(C0-180)	1.2,50.4
NOMINAL FLUX(lm)	607.796	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,47.2
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.6	CIBSE SHR MAX	1.00

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:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [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	1015	1014	958.6	716.1	715.5	675.4	730.3	943.8	0- 10	118.1	118.1	19.4,19.4
20	410.2	399.1	375.4	321.6	326.0	322.5	340.9	399.7	10- 20	148.1	266.2	43.8,43.8
30	254.0	253.3	249.7	233.5	235.0	234.8	235.7	250.4	20- 30	133.2	399.4	65.7,65.7
40	173.1	176.3	167.1	128.7	125.5	116.8	123.2	165.9	30- 40	127.7	527.1	86.7,86.7
50	18.26	20.29	19.77	14.64	14.21	13.17	13.43	15.89	40- 50	46.27	573.3	94.3,94.3
60	7.468	7.926	8.050	7.495	7.442	7.140	6.879	7.272	50- 60	9.529	582.9	95.9,95.9
70	4.694	4.964	4.920	4.689	4.913	4.756	4.896	4.769	60- 70	6.004	588.9	96.9,96.9
80	1.475	1.287	1.214	1.172	1.225	1.288	1.364	1.477	70- 80	2.964	591.8	97.4,97.4
90	1.105	1.025	1.018	0.9708	1.144	1.144	1.165	1.227	80- 90	1.320	593.1	97.6,97.6
100	1.022	1.020	1.010	1.056	1.363	1.355	1.359	1.283	90-100	1.213	594.4	97.8,97.8
110	1.336	1.324	1.317	1.418	1.665	1.658	1.653	1.564	100-110	1.399	595.8	98,98
120	1.747	1.740	1.747	1.872	2.093	2.084	2.057	1.934	110-120	1.675	597.4	98.3,98.3
130	2.395	2.370	2.404	2.636	2.829	2.827	2.776	2.551	120-130	1.985	599.4	98.6,98.6
140	3.358	3.343	3.365	3.556	3.661	3.643	3.603	3.411	130-140	2.357	601.8	99,99
150	3.988	3.976	3.967	4.053	4.121	4.083	4.061	3.968	140-150	2.374	604.1	99.4,99.4
160	4.369	4.347	4.329	4.396	4.460	4.420	4.404	4.322	150-160	1.936	606.1	99.7,99.7
170	4.673	4.656	4.603	4.575	4.639	4.601	4.573	4.590	160-170	1.277	607.4	99.9,99.9
180	4.699	4.646	4.603	4.577	4.699	4.637	4.605	4.579	170-180	0.4397	607.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

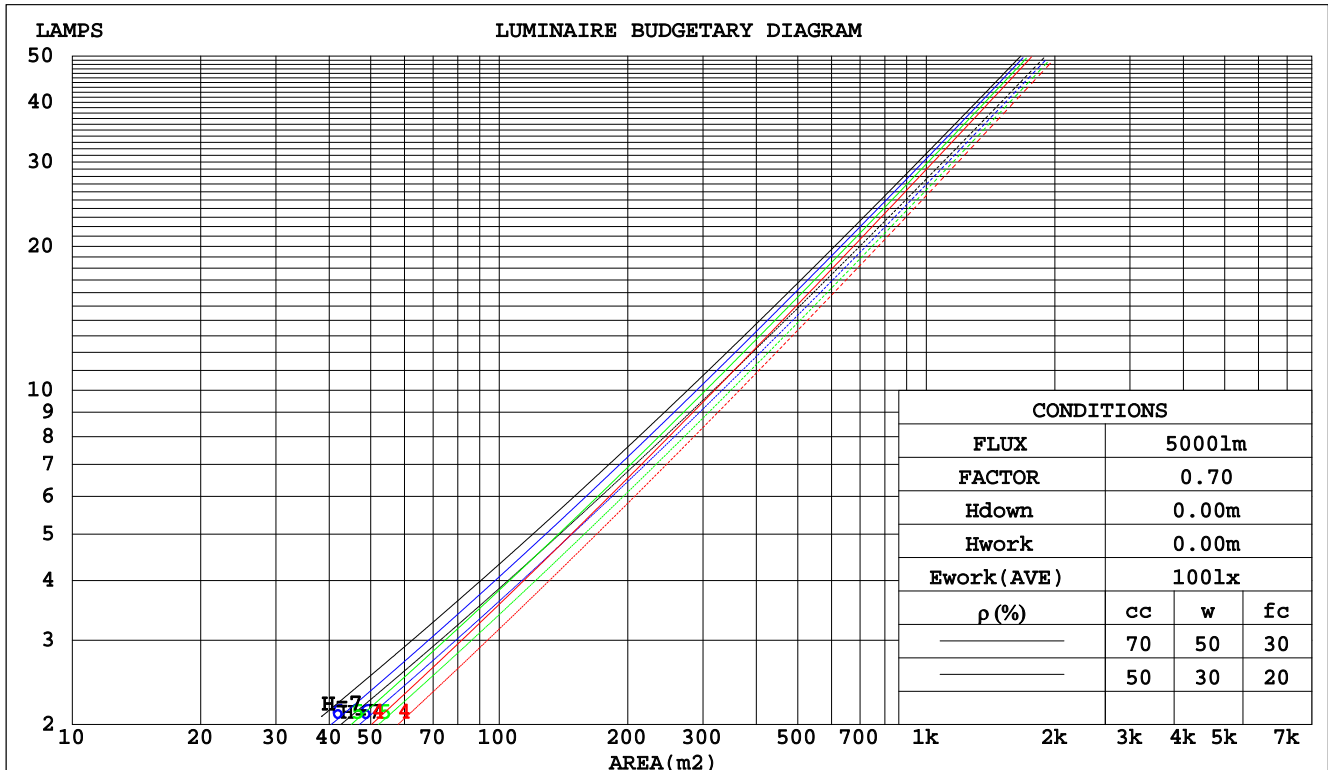
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.10	1.08	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.02	.98	.95	1.00	.97	.94	.97	.94	.91	.93	.91	.89	.90	.88	.87	.85
3.0	.96	.91	.87	.94	.89	.86	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.84	.80	.88	.83	.79	.86	.81	.78	.83	.80	.77	.81	.78	.76	.74
5.0	.84	.78	.74	.83	.78	.74	.81	.76	.73	.79	.75	.72	.77	.74	.71	.69
6.0	.79	.73	.69	.78	.73	.69	.76	.72	.68	.75	.71	.67	.73	.70	.67	.65
7.0	.75	.69	.65	.74	.68	.65	.73	.68	.64	.71	.67	.64	.70	.66	.63	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.59	.55	.64	.58	.55	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## WEC AND CCEC

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	.181 .103 .033	.173 .099 .031	.159 .091 .029	.146 .084 .027	.135 .078 .025	
2.0	.172 .094 .029	.166 .091 .028	.154 .085 .027	.143 .080 .025	.133 .075 .024	
3.0	.163 .087 .026	.157 .084 .025	.147 .080 .024	.138 .075 .023	.129 .071 .022	
4.0	.154 .080 .024	.149 .078 .023	.140 .074 .022	.132 .071 .021	.124 .068 .021	
5.0	.146 .074 .022	.142 .073 .021	.134 .070 .021	.127 .067 .020	.120 .064 .019	
6.0	.139 .070 .020	.135 .068 .020	.128 .066 .019	.122 .063 .019	.116 .061 .018	
7.0	.132 .065 .018	.129 .064 .018	.123 .062 .018	.117 .060 .017	.111 .058 .017	
8.0	.126 .061 .017	.123 .060 .017	.117 .059 .017	.112 .057 .016	.107 .055 .016	
9.0	.120 .058 .016	.117 .057 .016	.112 .056 .016	.108 .054 .015	.103 .052 .015	
10.0	.115 .055 .015	.112 .054 .015	.108 .053 .015	.104 .051 .015	.100 .050 .014	

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	.209 .209 .209	.178 .178 .178	.122 .122 .122	.070 .070 .070	.022 .022 .022	
1.0	.190 .176 .163	.162 .151 .140	.111 .104 .097	.064 .060 .056	.020 .019 .018	
2.0	.175 .151 .131	.150 .130 .113	.103 .090 .079	.059 .052 .046	.019 .017 .015	
3.0	.163 .132 .108	.139 .114 .094	.096 .079 .066	.055 .046 .039	.018 .015 .013	
4.0	.152 .118 .091	.131 .102 .079	.090 .071 .056	.052 .042 .033	.017 .014 .011	
5.0	.143 .106 .079	.123 .092 .068	.085 .064 .048	.049 .038 .029	.016 .012 .009	
6.0	.136 .097 .069	.117 .084 .060	.081 .059 .042	.047 .035 .025	.015 .011 .008	
7.0	.129 .089 .061	.111 .077 .053	.077 .054 .038	.045 .032 .023	.014 .010 .007	
8.0	.123 .083 .055	.106 .072 .048	.073 .051 .034	.043 .030 .020	.014 .010 .007	
9.0	.118 .078 .051	.102 .068 .044	.070 .047 .031	.041 .028 .019	.013 .009 .006	
10.0	.113 .073 .047	.098 .064 .041	.068 .045 .029	.040 .027 .017	.013 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

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	2H	23.3	24.3	23.6	24.5	24.7	23.3	24.2	23.5	24.4	24.6
	3H	23.2	24.1	23.5	24.3	24.6	23.2	24.0	23.5	24.3	24.5
	4H	23.2	24.0	23.5	24.3	24.5	23.2	24.0	23.5	24.2	24.5
	6H	23.1	23.9	23.5	24.2	24.5	23.1	23.8	23.4	24.1	24.4
	8H	23.1	23.8	23.5	24.1	24.4	23.1	23.8	23.4	24.1	24.4
	12H	23.1	23.8	23.4	24.1	24.4	23.0	23.7	23.4	24.0	24.4
4H	2H	23.1	23.9	23.4	24.2	24.4	23.0	23.8	23.4	24.1	24.4
	3H	23.1	23.8	23.4	24.1	24.4	23.0	23.7	23.4	24.0	24.4
	4H	23.0	23.7	23.4	24.0	24.4	23.0	23.7	23.4	24.0	24.4
	6H	23.0	23.5	23.4	23.9	24.3	23.0	23.5	23.4	23.9	24.3
	8H	22.9	23.5	23.4	23.8	24.3	22.9	23.4	23.4	23.8	24.3
	12H	22.9	23.4	23.4	23.8	24.3	22.9	23.4	23.4	23.8	24.2
8H	4H	22.9	23.4	23.3	23.8	24.2	22.9	23.4	23.3	23.8	24.2
	6H	22.9	23.3	23.3	23.7	24.2	22.9	23.3	23.3	23.7	24.2
	8H	22.8	23.2	23.3	23.7	24.2	22.8	23.2	23.3	23.7	24.2
	12H	22.9	23.2	23.4	23.7	24.2	22.8	23.2	23.3	23.6	24.2
12H	4H	22.9	23.3	23.3	23.7	24.2	22.9	23.3	23.3	23.7	24.2
	6H	22.8	23.2	23.3	23.6	24.1	22.8	23.2	23.3	23.6	24.1
	8H	22.8	23.1	23.3	23.6	24.1	22.8	23.1	23.3	23.6	24.1
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 7.4					+ 2.4 / - 7.1				
1.5H		+ 4.6 / - 7.0					+ 4.5 / - 6.5				
2.0H		+ 6.0 / - 2.9					+ 5.6 / - 2.8				

CIE Pub.117 Corrected 607.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

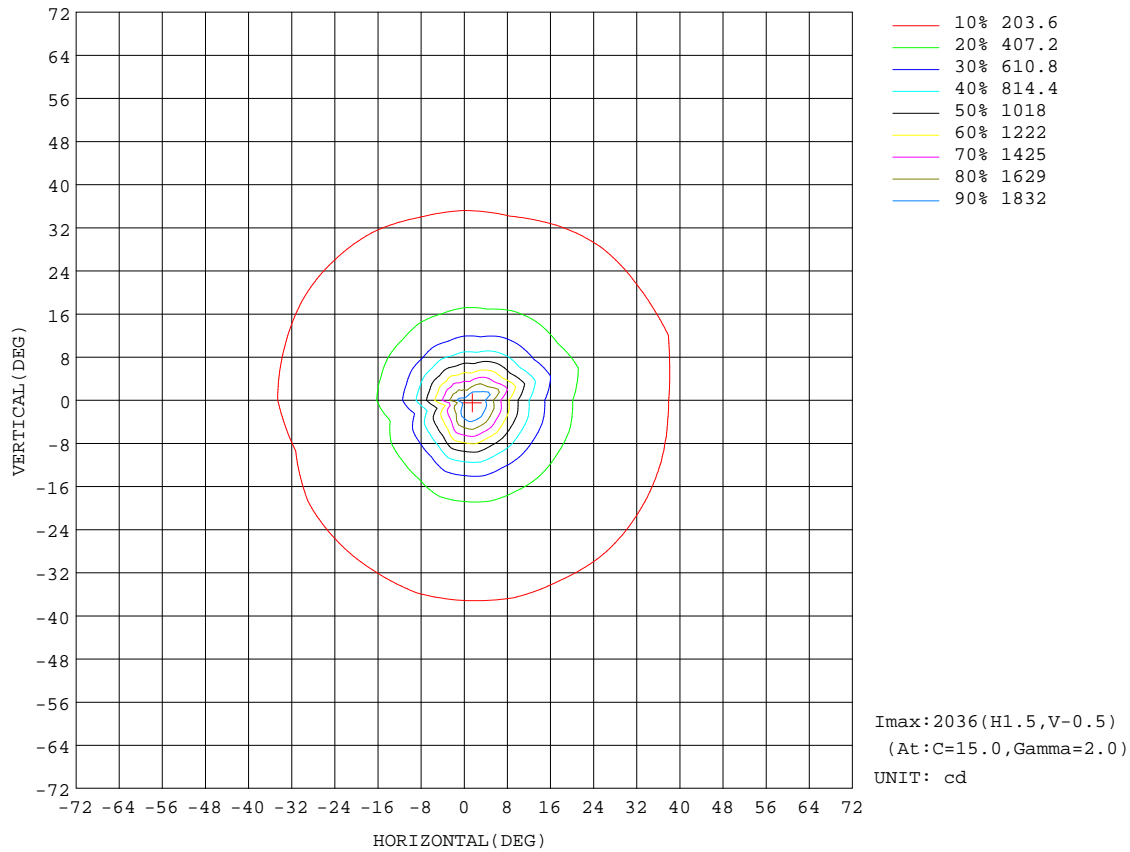
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	90	84	80	89	83	80	76
1.00	96	90	86	95	89	86	93	89	85	80
1.25	100	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	99	96	93	87
2.00	107	102	98	105	101	98	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	100	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: QiuMing  
Test Date: 2015-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



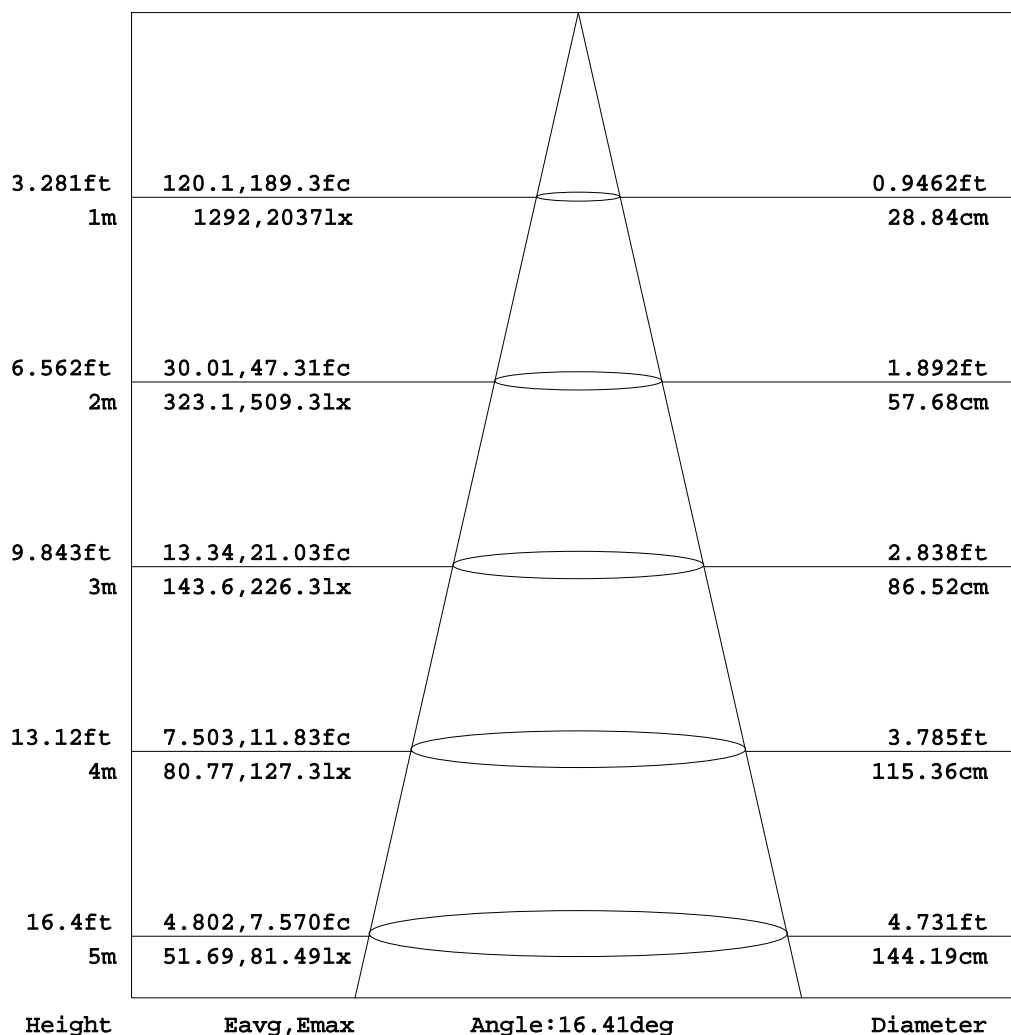
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

### AAI Figure

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:101.8 lm



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

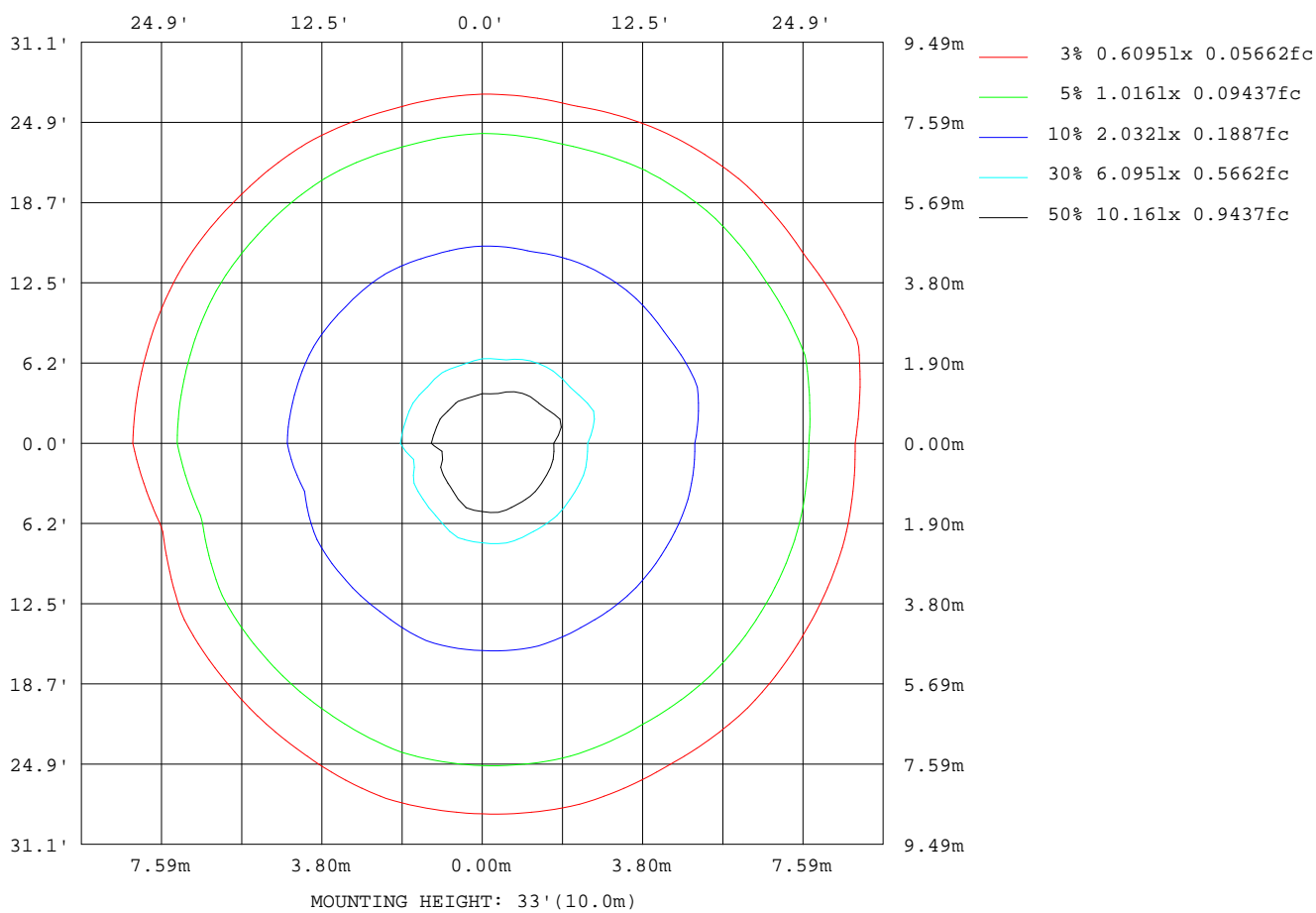
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

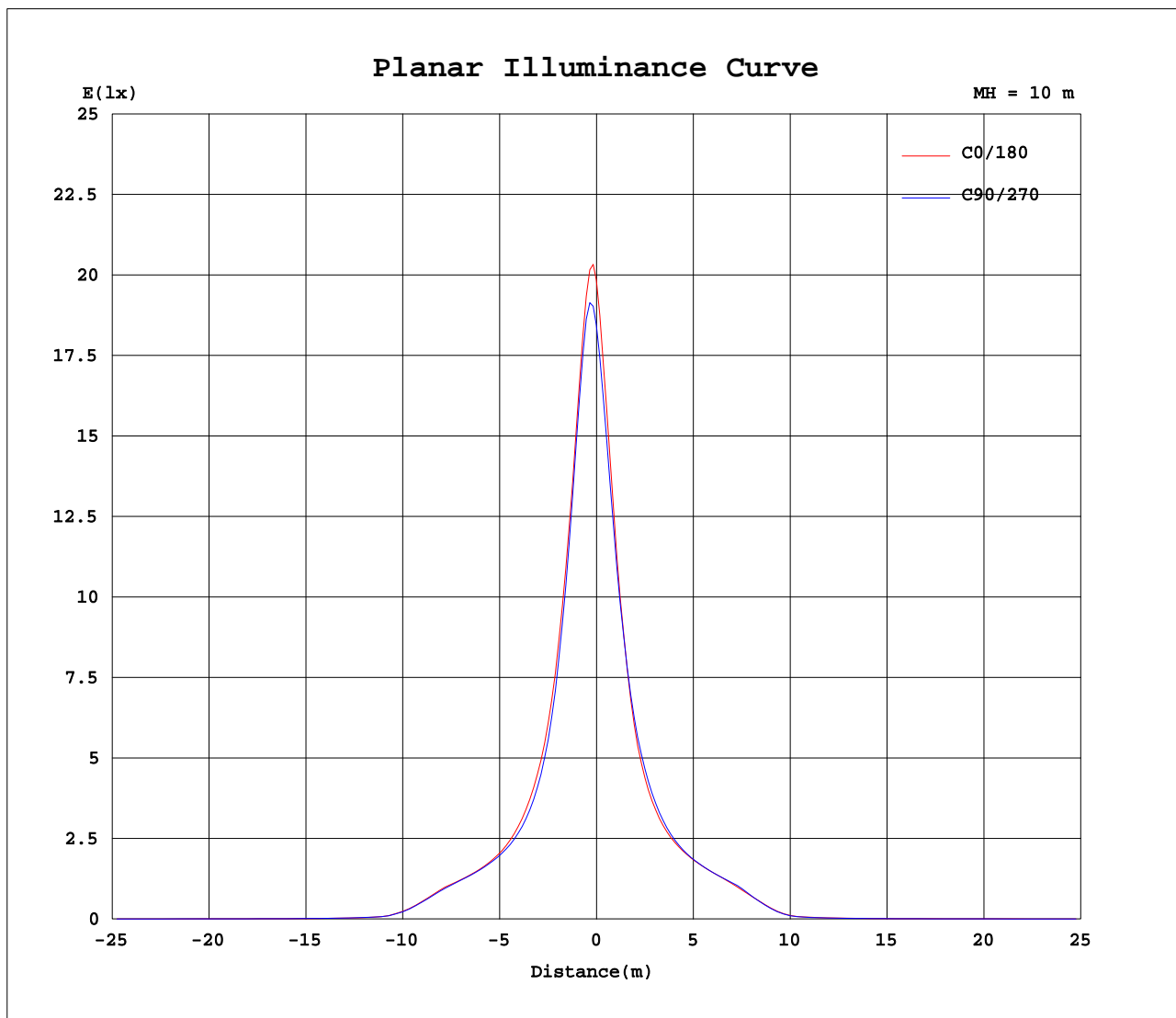
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

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	1983	1954	1951	1906	1921	1854	1843	1809	1805	1865	1870	1740	1983	1954	1951	1906	1921	1854	1843
5	1686	1734	1719	1743	1718	1720	1637	1585	1372	1290	1233	1033	1291	1234	1247	1199	1241	1190	1235
10	1015	1035	1012	1014	990	1008	959	930	780	716	685	578	716	688	695	675	704	693	730
15	607	614	596	590	572	578	557	536	467	438	427	385	445	438	441	435	453	453	474
20	410	414	402	399	389	388	375	366	335	322	316	296	326	322	325	322	330	330	341
25	307	308	303	302	297	299	292	288	273	267	263	253	269	267	268	266	269	268	273
30	254	256	253	253	251	253	250	248	238	233	231	222	235	234	236	235	235	234	236
35	222	224	222	222	220	222	220	217	207	200	194	175	200	200	202	202	204	202	205
40	173	177	175	176	171	175	167	162	142	129	120	87.3	126	121	121	117	120	116	123
45	67.5	72.2	69.8	73.0	67.3	71.1	64.5	60.1	47.1	33.3	29.0	22.2	31.5	28.8	28.3	26.0	27.5	25.8	28.8
50	18.3	19.3	19.5	20.3	20.0	20.6	19.8	19.3	16.3	14.6	14.0	12.1	14.2	13.6	13.6	13.2	13.5	13.1	13.4
55	10.8	10.9	11.1	11.5	11.3	11.6	11.4	11.3	10.3	9.78	9.49	8.68	9.42	9.34	9.28	9.05	9.23	8.95	9.10
60	7.47	7.67	7.76	7.93	8.00	8.16	8.05	7.85	7.58	7.50	7.44	7.08	7.44	7.31	7.26	7.14	7.13	6.94	6.88
65	5.85	5.88	5.96	6.20	6.36	6.45	6.10	5.93	5.94	6.06	6.26	6.23	6.21	6.03	5.97	5.93	6.07	5.91	5.81
70	4.69	4.66	4.71	4.96	5.30	5.31	4.92	4.67	4.54	4.69	4.95	5.00	4.91	4.54	4.59	4.76	5.10	5.13	4.90
75	3.32	2.64	2.20	2.90	3.56	3.68	2.44	2.05	1.67	1.81	2.11	2.05	1.91	1.55	1.75	2.27	3.23	3.26	2.70
80	1.47	1.32	1.29	1.29	1.36	1.32	1.21	1.16	1.16	1.17	1.20	1.23	1.23	1.23	1.23	1.29	1.31	1.38	1.36
85	1.28	1.23	1.24	1.21	1.21	1.16	1.17	1.13	1.12	1.09	1.09	1.07	1.19	1.21	1.22	1.27	1.26	1.30	1.32
90	1.11	1.07	1.06	1.03	1.02	1.01	1.02	0.99	1.00	0.97	0.98	0.97	1.14	1.13	1.15	1.14	1.15	1.16	1.16
95	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.97	1.00	1.24	1.22	1.24	1.23	1.24	1.23	1.24
100	1.02	1.03	1.01	1.02	1.01	1.02	1.01	1.02	1.02	1.06	1.05	1.12	1.36	1.35	1.37	1.36	1.36	1.35	1.36
105	1.14	1.14	1.13	1.14	1.13	1.13	1.13	1.15	1.17	1.22	1.22	1.30	1.50	1.50	1.51	1.50	1.50	1.49	1.50
110	1.34	1.33	1.32	1.32	1.32	1.32	1.32	1.34	1.37	1.42	1.43	1.51	1.66	1.65	1.66	1.66	1.66	1.65	1.65
115	1.53	1.53	1.52	1.53	1.52	1.52	1.52	1.54	1.58	1.63	1.64	1.73	1.86	1.85	1.86	1.85	1.85	1.84	1.83
120	1.75	1.75	1.74	1.74	1.74	1.74	1.75	1.76	1.81	1.87	1.89	1.99	2.09	2.09	2.09	2.08	2.08	2.07	2.06
125	2.02	2.01	2.00	2.01	2.01	2.01	2.03	2.05	2.12	2.20	2.22	2.36	2.41	2.41	2.42	2.41	2.40	2.39	2.36
130	2.39	2.39	2.38	2.37	2.39	2.38	2.40	2.43	2.54	2.64	2.67	2.84	2.83	2.83	2.83	2.83	2.81	2.81	2.78
135	2.88	2.86	2.86	2.85	2.87	2.86	2.89	2.92	3.04	3.13	3.16	3.32	3.28	3.28	3.28	3.27	3.26	3.25	3.22
140	3.36	3.35	3.34	3.34	3.34	3.35	3.37	3.39	3.48	3.56	3.57	3.70	3.66	3.66	3.66	3.64	3.63	3.62	3.60
145	3.73	3.73	3.72	3.72	3.72	3.73	3.73	3.75	3.80	3.86	3.87	3.96	3.94	3.92	3.93	3.91	3.91	3.89	3.88
150	3.99	3.99	3.97	3.98	3.97	3.97	3.97	3.98	4.00	4.05	4.05	4.13	4.12	4.10	4.11	4.08	4.09	4.07	4.06
155	4.17	4.17	4.15	4.16	4.15	4.15	4.14	4.15	4.17	4.22	4.22	4.29	4.27	4.25	4.25	4.23	4.24	4.22	4.21
160	4.37	4.37	4.35	4.35	4.34	4.34	4.33	4.34	4.35	4.40	4.40	4.46	4.46	4.43	4.44	4.42	4.43	4.41	4.40
165	4.55	4.55	4.53	4.53	4.51	4.51	4.49	4.51	4.50	4.54	4.53	4.57	4.59	4.57	4.57	4.55	4.56	4.54	4.54
170	4.67	4.68	4.65	4.66	4.63	4.63	4.60	4.60	4.57	4.57	4.58	4.57	4.64	4.61	4.61	4.60	4.60	4.58	4.57
175	4.70	4.69	4.67	4.66	4.65	4.63	4.62	4.59	4.56	4.54	4.56	4.54	4.64	4.61	4.59	4.58	4.57	4.55	4.54
180	4.70	4.68	4.67	4.65	4.64	4.61	4.60	4.59	4.57	4.58	4.58	4.61	4.70	4.67	4.67	4.64	4.64	4.61	4.60

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

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	1809	1805	1865	1870	1740														
5	1237	1394	1540	1625	1860														
10	744	856	944	1002	1210														
15	483	540	578	606	709														
20	347	378	400	413	465														
25	274	290	302	310	337														
30	236	243	250	255	268														
35	204	211	218	222	231														
40	125	148	166	174	199														
45	30.1	44.7	58.5	67.5	102														
50	13.4	14.8	15.9	17.8	22.8														
55	8.99	9.54	10.2	10.6	12.1														
60	6.80	6.85	7.27	7.49	8.23														
65	5.71	5.53	5.78	5.85	6.19														
70	4.72	4.56	4.77	4.95	5.08														
75	2.23	2.48	3.35	3.87	3.97														
80	1.36	1.36	1.48	1.67	1.71														
85	1.34	1.32	1.34	1.32	1.26														
90	1.20	1.20	1.23	1.21	1.19														
95	1.22	1.21	1.17	1.18	1.13														
100	1.35	1.33	1.28	1.29	1.23														
105	1.47	1.46	1.42	1.42	1.36														
110	1.63	1.61	1.56	1.56	1.50														
115	1.81	1.78	1.74	1.73	1.66														
120	2.04	1.99	1.93	1.92	1.84														
125	2.33	2.26	2.19	2.18	2.07														
130	2.74	2.64	2.55	2.53	2.39														
135	3.19	3.08	3.00	2.96	2.80														
140	3.57	3.49	3.41	3.39	3.25														
145	3.85	3.79	3.74	3.73	3.62														
150	4.03	4.00	3.97	3.97	3.90														
155	4.19	4.17	4.13	4.13	4.07														
160	4.38	4.36	4.32	4.33	4.27														
165	4.52	4.52	4.49	4.50	4.45														
170	4.57	4.58	4.59	4.61	4.59														
175	4.54	4.54	4.60	4.59	4.64														
180	4.58	4.57	4.58	4.58	4.62														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks: