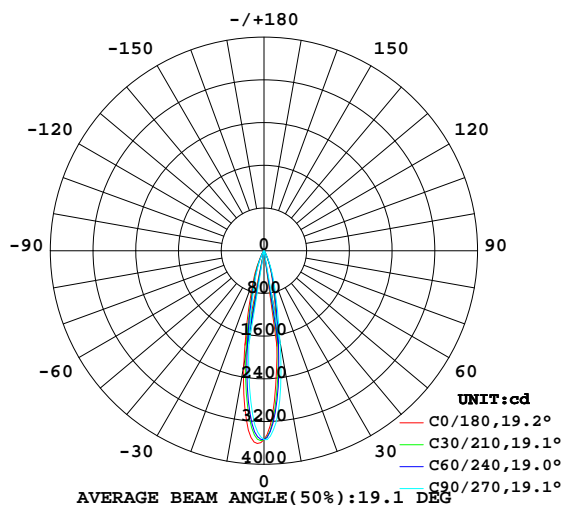


## LUMINAIRE PHOTOMETRIC TEST REPORT

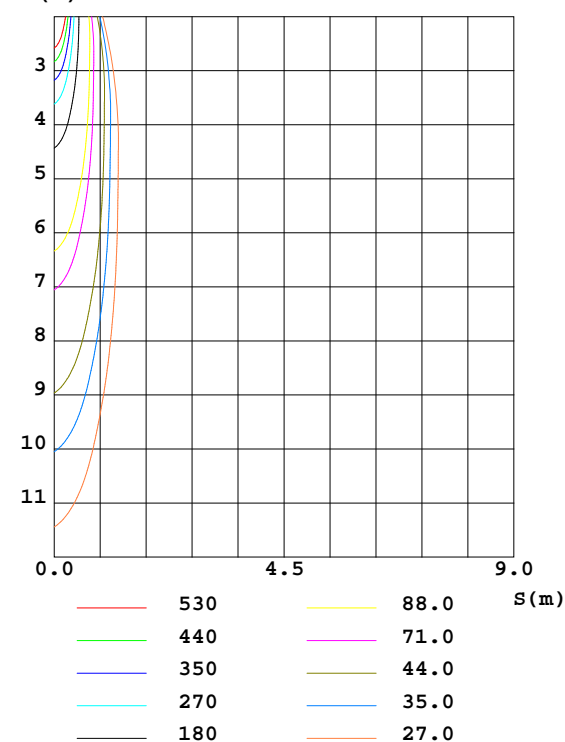
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.86 lm/W			
MODEL	M012-8W-840-S-15	Imax(cd)	3610	S/MH(C0/180)	0.27
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	647.15	η UP,DN(C0-180)	1.2,49.5
NOMINAL FLUX(lm)	647.151	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,47.9
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.4	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:2015-11-19

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	ℓlum, lamp
10	1312	1539	1734	1997	2189	1759	1586	1398	0- 10	238.8	238.8	36.9,36.9
20	350.2	398.9	442.7	510.2	569.2	436.3	382.8	371.6	10- 20	238.0	476.8	73.7,73.7
30	70.12	72.34	80.47	110.8	117.0	75.59	70.49	77.80	20- 30	95.90	572.7	88.5,88.5
40	21.51	23.54	25.20	32.17	31.57	23.31	21.85	22.38	30- 40	28.88	601.6	93,93
50	8.926	8.841	9.298	11.02	11.88	9.411	9.291	9.130	40- 50	12.73	614.3	94.9,94.9
60	6.001	5.684	6.443	6.740	6.362	5.777	5.885	6.048	50- 60	6.754	621.0	96,96
70	3.770	3.667	3.782	4.091	3.591	3.204	3.271	3.356	60- 70	4.672	625.7	96.7,96.7
80	1.814	1.683	1.704	1.658	1.553	1.499	1.492	1.534	70- 80	2.610	628.3	97.1,97.1
90	1.317	1.315	1.285	1.311	1.707	1.497	1.431	1.447	80- 90	1.861	630.2	97.4,97.4
100	1.034	1.003	0.9259	0.9398	1.671	1.533	1.490	1.504	90-100	1.493	631.7	97.6,97.6
110	1.363	1.246	1.135	1.140	1.809	1.602	1.582	1.593	100-110	1.444	633.1	97.8,97.8
120	1.897	1.699	1.604	1.589	2.038	1.911	1.931	1.971	110-120	1.640	634.8	98.1,98.1
130	3.161	2.827	2.659	2.560	2.907	2.877	3.060	3.059	120-130	2.104	636.9	98.4,98.4
140	4.498	4.318	4.158	4.072	4.259	4.293	4.359	4.430	130-140	2.809	639.7	98.8,98.8
150	5.196	5.130	5.028	4.994	5.173	5.125	5.159	5.151	140-150	2.982	642.7	99.3,99.3
160	5.472	5.475	5.400	5.397	5.548	5.452	5.464	5.412	150-160	2.453	645.1	99.7,99.7
170	5.246	5.333	5.363	5.363	5.415	5.356	5.313	5.258	160-170	1.540	646.7	99.9,99.9
180	5.155	5.152	5.153	5.131	5.163	5.154	5.155	5.131	170-180	0.4969	647.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

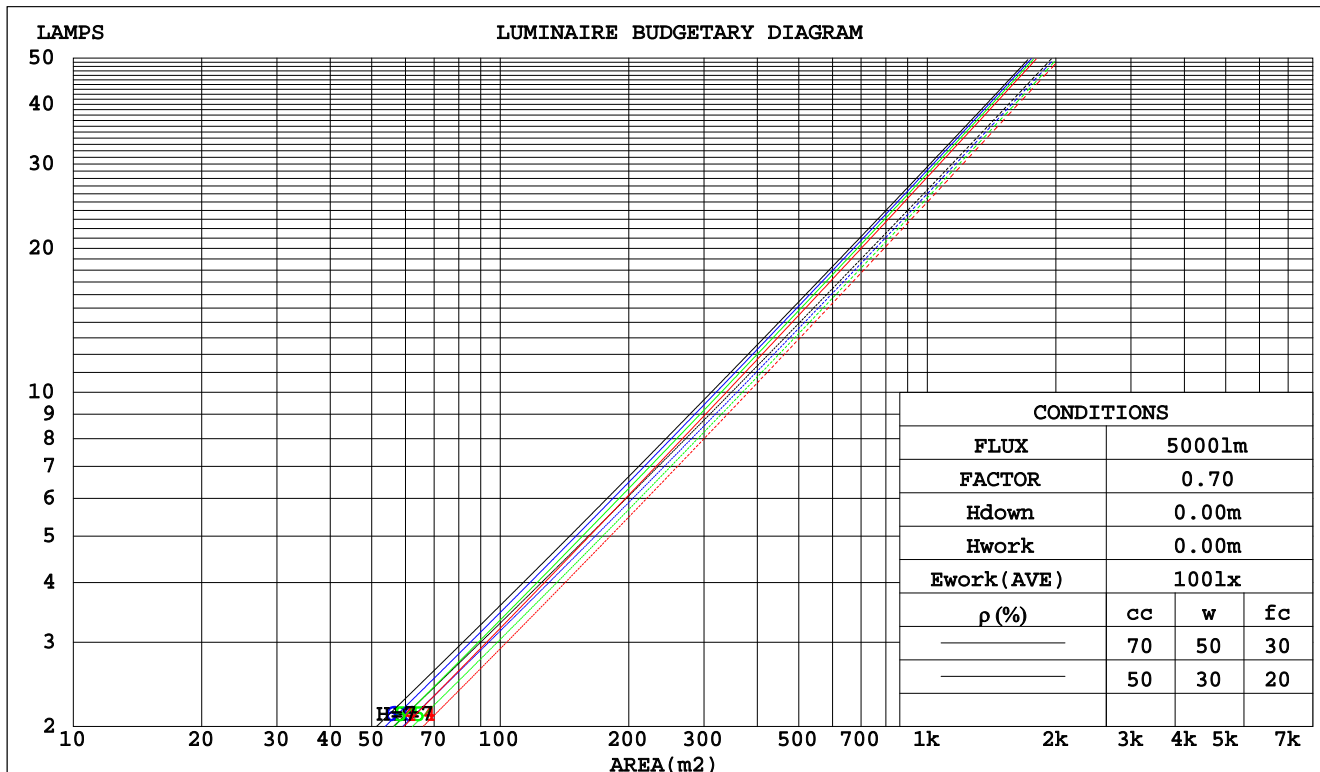
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-19

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	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.12	1.10	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.97	.96	.95	.93
2.0	1.06	1.03	.00	1.04	1.01	.99	1.00	.98	.96	.97	.95	.94	.94	.93	.91	.90
3.0	1.01	.97	.94	.99	.96	.93	.97	.94	.91	.94	.92	.90	.91	.90	.88	.86
4.0	.97	.92	.89	.95	.92	.89	.93	.90	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.93	.89	.85	.92	.88	.85	.90	.86	.84	.88	.85	.83	.86	.84	.82	.81
6.0	.90	.85	.82	.89	.85	.82	.87	.83	.81	.86	.82	.80	.84	.82	.79	.78
7.0	.86	.82	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.82	.79	.77	.76
8.0	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.75	.72	.78	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.70



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

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	.149 .085 .027	.141 .081 .026	.128 .073 .023	.115 .066 .021	.103 .060 .019	
2.0	.137 .075 .023	.131 .072 .022	.119 .066 .021	.109 .061 .019	.099 .056 .018	
3.0	.127 .068 .020	.122 .065 .020	.112 .061 .018	.103 .056 .017	.095 .052 .016	
4.0	.119 .062 .018	.114 .060 .018	.106 .056 .017	.098 .053 .016	.091 .049 .015	
5.0	.112 .057 .016	.108 .055 .016	.100 .052 .015	.093 .049 .015	.087 .047 .014	
6.0	.105 .053 .015	.102 .051 .015	.095 .049 .014	.089 .046 .014	.084 .044 .013	
7.0	.099 .049 .014	.096 .048 .014	.091 .046 .013	.085 .044 .013	.081 .042 .012	
8.0	.094 .046 .013	.092 .045 .013	.087 .043 .012	.082 .042 .012	.078 .040 .012	
9.0	.090 .043 .012	.088 .043 .012	.083 .041 .012	.079 .039 .011	.075 .038 .011	
10.0	.086 .041 .011	.084 .040 .011	.080 .039 .011	.076 .038 .011	.072 .036 .010	

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	.210 .210 .210	.180 .180 .180	.123 .123 .123	.071 .071 .071	.023 .023 .023	
1.0	.189 .178 .167	.162 .153 .144	.111 .105 .100	.064 .061 .058	.020 .020 .019	
2.0	.172 .153 .137	.147 .132 .118	.101 .091 .083	.058 .053 .048	.019 .017 .016	
3.0	.157 .134 .115	.135 .115 .100	.093 .080 .070	.054 .047 .041	.017 .015 .013	
4.0	.145 .119 .098	.125 .102 .085	.086 .071 .060	.050 .042 .036	.016 .014 .012	
5.0	.135 .106 .085	.116 .092 .074	.080 .064 .052	.046 .038 .031	.015 .012 .010	
6.0	.126 .097 .075	.108 .084 .066	.075 .059 .046	.043 .034 .028	.014 .011 .009	
7.0	.119 .088 .067	.102 .077 .059	.070 .054 .042	.041 .032 .025	.013 .010 .008	
8.0	.112 .082 .061	.096 .071 .053	.067 .050 .038	.039 .029 .022	.013 .010 .007	
9.0	.106 .076 .056	.092 .066 .049	.063 .046 .035	.037 .027 .021	.012 .009 .007	
10.0	.101 .071 .052	.087 .062 .045	.061 .044 .032	.035 .026 .019	.011 .008 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-19

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		12.9	13.5	13.1	13.7	13.9	13.5	14.2	13.8	14.4	14.6
3H		13.7	14.4	14.0	14.6	14.8	14.3	14.9	14.5	15.1	15.4
4H		14.0	14.6	14.3	14.9	15.2	14.7	15.3	15.0	15.6	15.8
6H		14.3	14.9	14.6	15.2	15.4	15.0	15.5	15.3	15.8	16.1
8H		14.6	15.1	14.9	15.4	15.7	15.2	15.7	15.5	16.0	16.3
12H		15.0	15.5	15.3	15.8	16.1	15.5	16.0	15.9	16.4	16.7
4H 2H		13.1	13.7	13.4	14.0	14.2	13.7	14.3	14.0	14.5	14.8
3H		14.2	14.7	14.5	15.0	15.3	14.7	15.2	15.0	15.5	15.8
4H		14.6	15.1	15.0	15.4	15.8	15.3	15.8	15.7	16.1	16.5
6H		15.0	15.4	15.4	15.8	16.2	15.7	16.1	16.1	16.5	16.9
8H		15.4	15.8	15.8	16.2	16.6	16.1	16.5	16.5	16.9	17.3
12H		15.9	16.3	16.4	16.7	17.1	16.6	17.0	17.0	17.4	17.8
8H 4H		14.7	15.1	15.2	15.5	16.0	15.4	15.8	15.8	16.2	16.6
6H		15.3	15.6	15.8	16.1	16.5	15.9	16.3	16.4	16.7	17.2
8H		15.8	16.1	16.3	16.6	17.1	16.6	16.9	17.1	17.3	17.8
12H		16.6	16.9	17.1	17.4	17.9	17.5	17.8	18.0	18.2	18.8
12H 4H		14.7	15.1	15.2	15.5	16.0	15.4	15.7	15.8	16.2	16.6
6H		15.4	15.7	15.9	16.1	16.6	16.0	16.3	16.5	16.8	17.2
8H		16.0	16.3	16.5	16.8	17.3	16.7	17.0	17.2	17.5	18.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.7					+ 0.6 / - 0.7				
1.5H		+ 1.4 / - 0.5					+ 1.1 / - 0.7				
2.0H		+ 0.8 / - 0.3					+ 1.3 / - 0.5				

CIE Pub.117 Corrected 647.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

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:

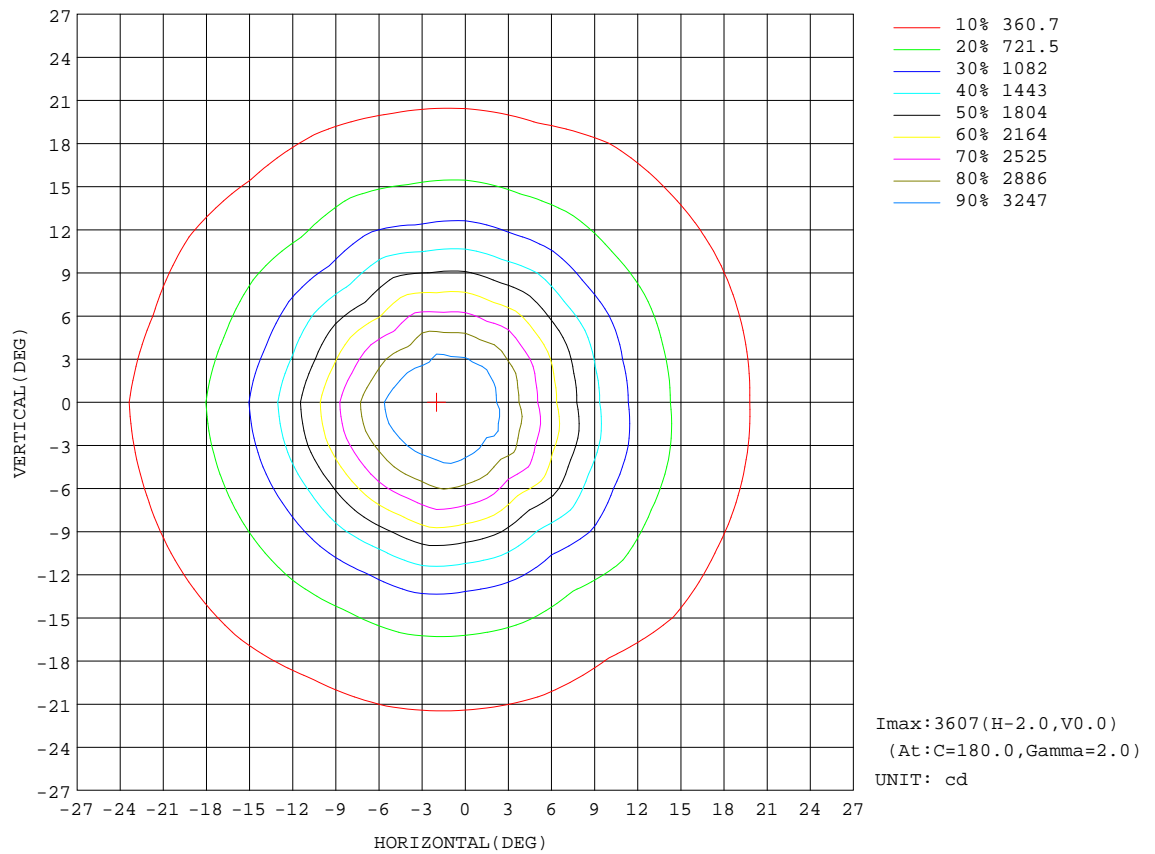
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	92	87	84	81
1.00	99	93	89	98	92	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
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: 2015-11-19

$\gamma$  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:



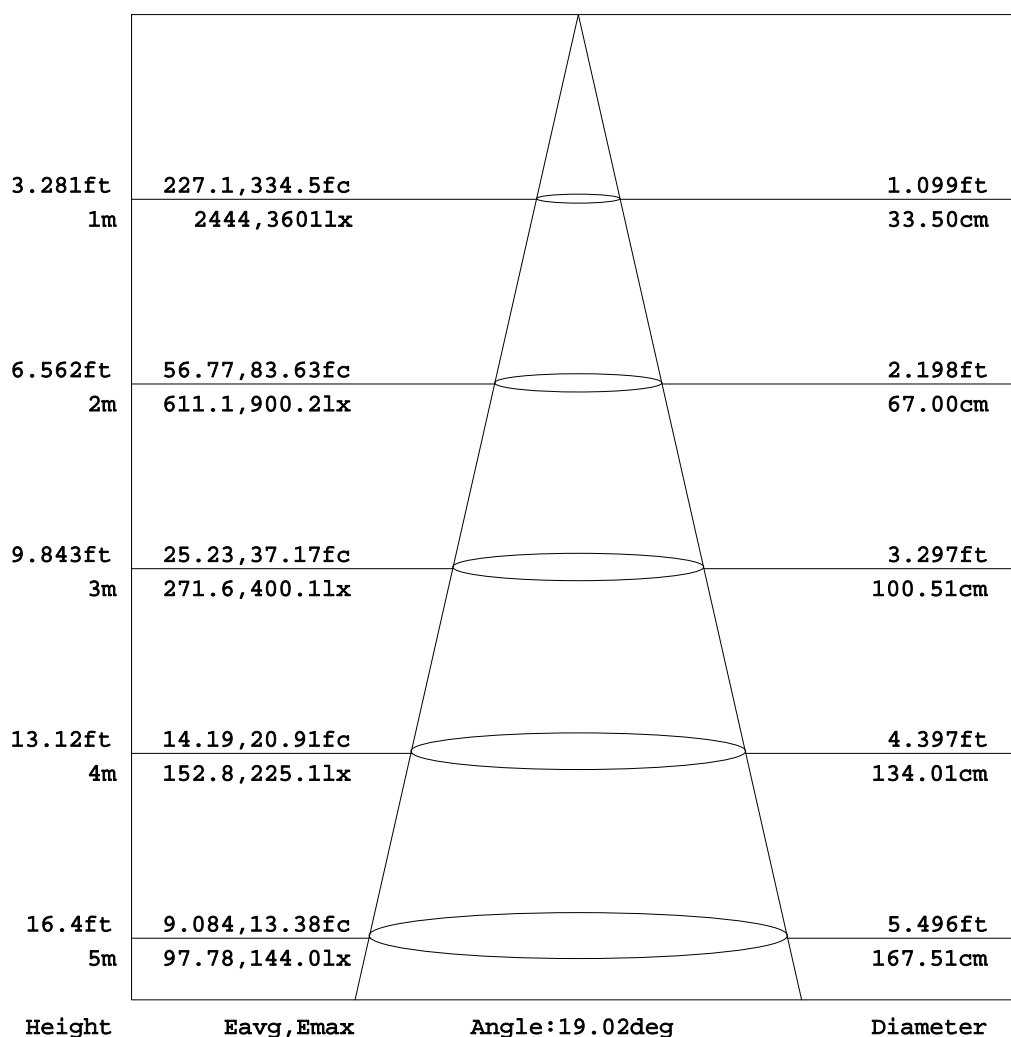
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

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:

### AAI Figure

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

Flux out:238.8 lm



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

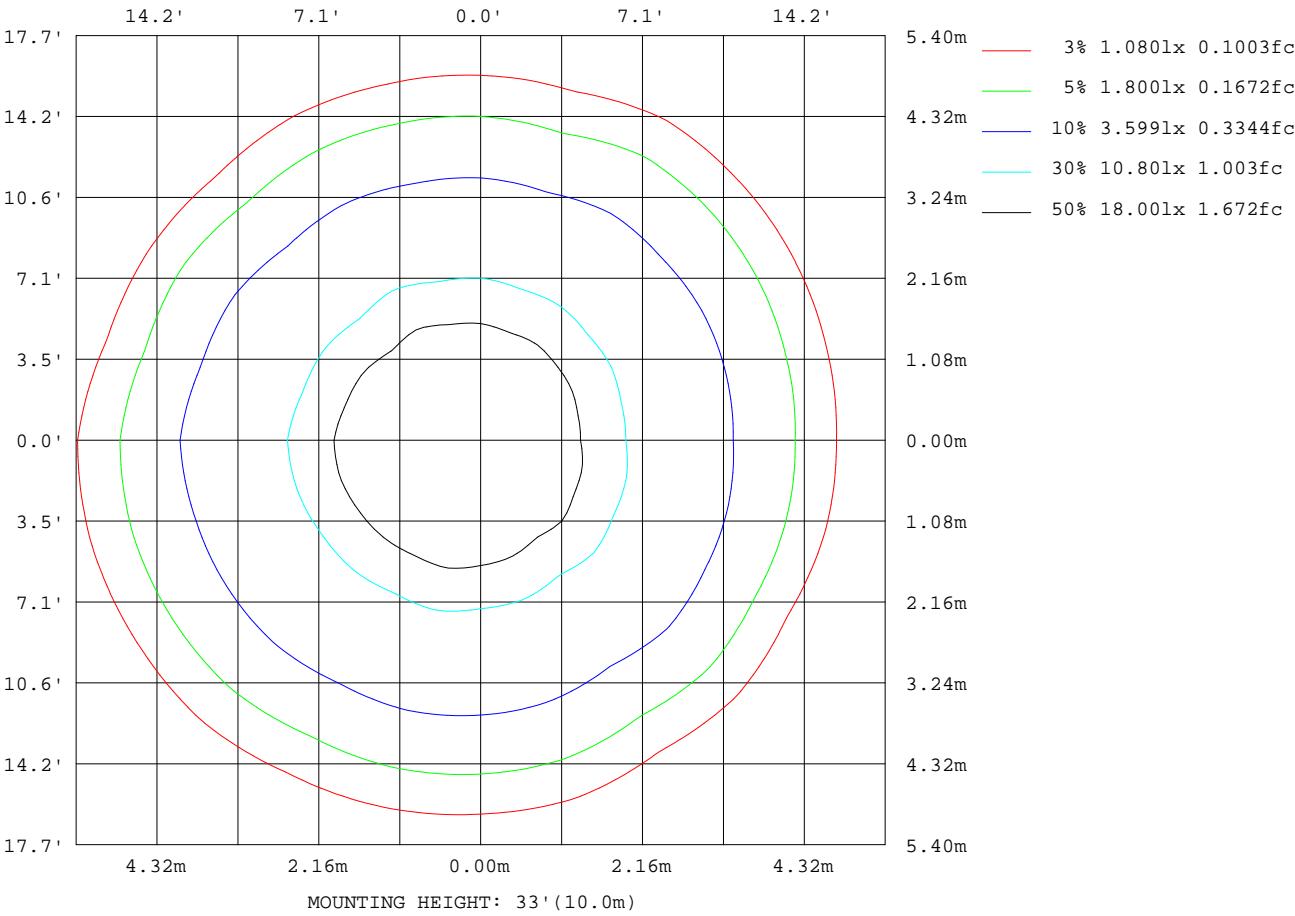
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

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:



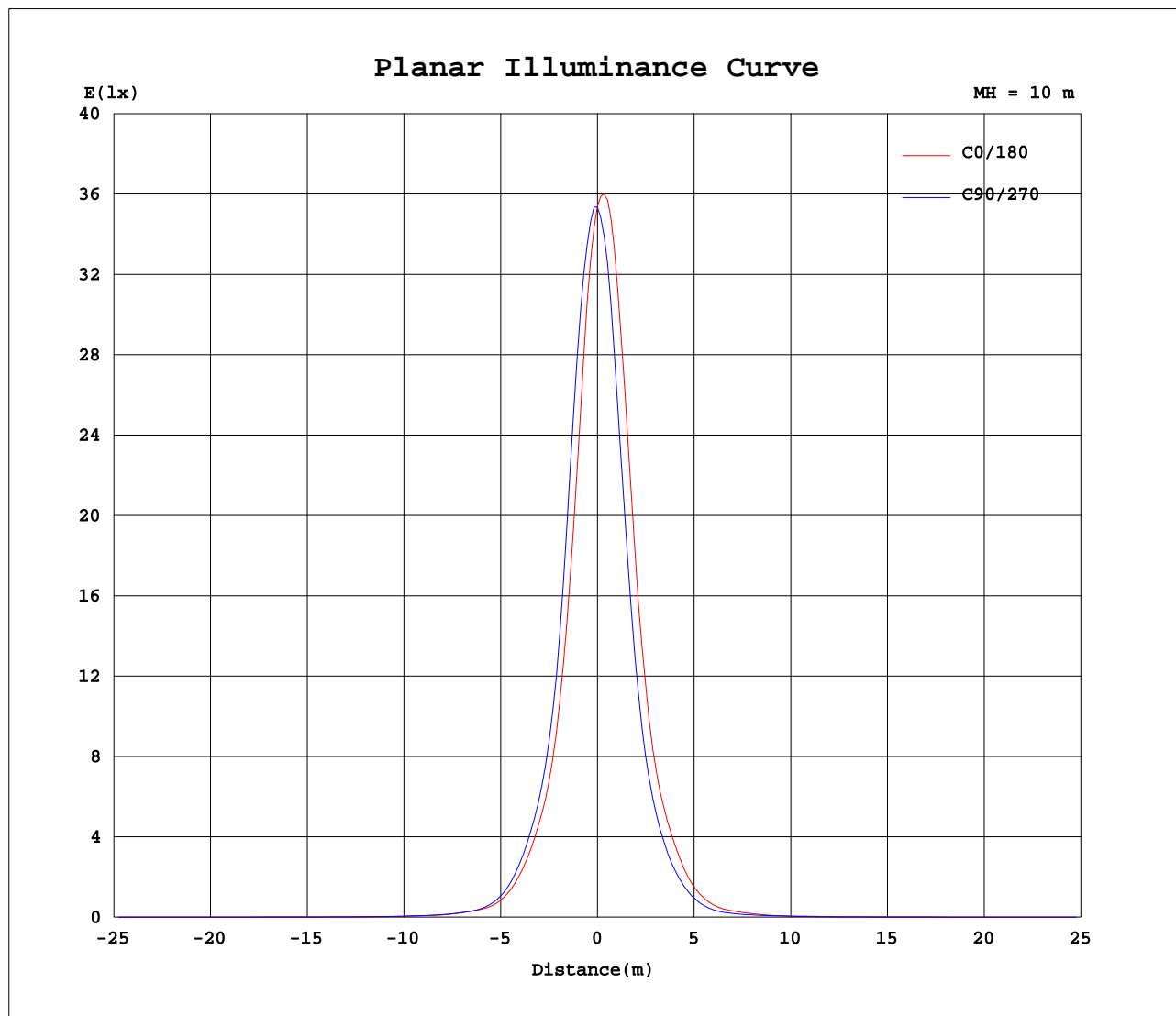
ISOLUX DIAGRAM

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



C Range: 0 - 360DEG	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:QiuMing	Test Distance:5.920m [K=1.0000]
Test Date:2015-11-19	Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

$\gamma$  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	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538	3538
5	2536	2642	2708	2858	2812	2970	3047	3153	3150	3227	3277	3339	3369	3224	3151	3000	3045	2891	2838
10	1312	1383	1424	1539	1489	1644	1734	1880	1890	1997	2072	2166	2189	2034	1950	1759	1811	1640	1586
15	658	688	715	767	730	804	843	893	895	963	998	1045	1089	987	945	840	867	787	767
20	350	359	372	399	379	421	443	465	471	510	532	545	569	516	493	436	433	399	383
25	156	157	152	170	164	188	197	210	217	249	260	270	276	234	227	196	197	183	176
30	70.1	69.8	66.1	72.3	67.5	76.4	80.5	86.3	93.8	111	113	119	117	95.2	85.4	75.6	78.7	74.6	70.5
35	42.7	40.1	36.5	40.0	40.0	42.2	41.8	41.8	49.8	59.7	62.4	64.5	57.6	44.6	37.4	37.5	37.8	37.1	34.7
40	21.5	22.1	22.9	23.5	27.2	28.6	25.2	25.7	28.2	32.2	32.5	33.8	31.6	25.6	23.2	23.3	25.0	24.2	21.9
45	14.4	14.0	14.4	14.8	18.7	18.9	16.3	15.4	16.4	18.4	19.9	19.8	18.3	16.1	15.2	16.0	17.8	18.0	14.4
50	8.93	8.77	8.66	8.84	10.6	11.4	9.30	9.72	10.5	11.0	10.9	11.7	11.9	10.9	9.85	9.41	10.4	9.51	9.29
55	7.19	6.93	6.77	6.93	7.18	7.23	7.48	7.45	7.65	7.81	7.84	7.92	7.77	7.48	7.38	7.17	7.29	7.25	7.37
60	6.00	5.81	5.64	5.68	5.93	6.36	6.44	6.56	6.71	6.74	6.66	6.52	6.36	5.95	5.76	5.78	6.04	5.86	5.89
65	4.81	4.53	4.43	4.51	4.64	4.73	4.81	4.71	4.83	5.31	5.48	5.42	4.67	4.21	4.12	4.14	4.58	4.40	4.20
70	3.77	3.59	3.56	3.67	3.90	3.89	3.78	3.75	3.85	4.09	4.38	4.19	3.59	3.26	3.19	3.20	3.48	3.40	3.27
75	2.25	2.09	2.14	2.65	2.92	2.99	2.83	2.71	2.61	2.97	3.15	3.14	2.50	1.95	1.88	2.02	2.36	2.17	1.84
80	1.81	1.70	1.68	1.68	1.76	1.78	1.70	1.64	1.65	1.66	1.73	1.73	1.55	1.50	1.47	1.50	1.51	1.50	1.49
85	1.69	1.72	1.63	1.62	2.05	2.38	1.56	1.53	1.56	1.55	2.90	2.38	1.80	1.82	1.56	1.53	1.84	1.95	1.48
90	1.32	1.33	1.33	1.32	1.52	1.63	1.28	1.28	1.30	1.31	1.63	1.85	1.71	1.72	1.55	1.50	1.59	1.74	1.43
95	1.10	1.10	1.12	1.08	1.21	1.35	1.04	1.04	1.06	1.06	1.28	1.31	1.68	1.68	1.57	1.51	1.59	1.72	1.46
100	1.03	1.04	1.04	1.00	1.08	1.18	0.93	0.93	0.94	0.94	1.15	1.14	1.67	1.67	1.59	1.53	1.59	1.68	1.49
105	1.17	1.13	1.11	1.07	1.13	1.21	0.96	0.97	0.98	0.98	1.20	1.19	1.70	1.67	1.61	1.56	1.62	1.69	1.52
110	1.36	1.31	1.28	1.25	1.40	1.36	1.13	1.14	1.13	1.14	1.33	1.39	1.81	1.71	1.66	1.60	1.70	1.74	1.58
115	1.58	1.53	1.50	1.45	1.59	1.53	1.35	1.34	1.34	1.35	1.61	1.66	1.90	1.79	1.76	1.71	1.81	1.84	1.71
120	1.90	1.83	1.77	1.70	1.86	1.91	1.60	1.59	1.59	1.59	1.86	1.94	2.04	1.98	1.94	1.91	2.00	2.11	1.93
125	2.43	2.31	2.23	2.13	2.38	2.42	2.02	1.98	1.98	1.97	2.22	2.36	2.36	2.31	2.28	2.28	2.37	2.60	2.41
130	3.16	3.01	2.92	2.83	3.06	3.05	2.66	2.59	2.60	2.56	2.83	3.00	2.91	2.85	2.84	2.88	2.97	3.38	3.06
135	3.91	3.79	3.72	3.62	3.74	3.65	3.44	3.36	3.36	3.32	3.48	3.60	3.62	3.56	3.55	3.61	3.64	3.96	3.74
140	4.50	4.42	4.38	4.32	4.37	4.25	4.16	4.10	4.10	4.07	4.08	4.17	4.26	4.25	4.25	4.29	4.30	4.41	4.36
145	4.89	4.86	4.85	4.80	4.85	4.77	4.68	4.64	4.64	4.63	4.63	4.71	4.82	4.78	4.78	4.79	4.82	4.89	4.84
150	5.20	5.17	5.15	5.13	5.13	5.10	5.03	5.00	4.98	4.99	5.00	5.06	5.17	5.13	5.13	5.13	5.14	5.18	5.16
155	5.39	5.37	5.36	5.34	5.35	5.32	5.27	5.24	5.22	5.24	5.25	5.30	5.41	5.35	5.35	5.33	5.36	5.37	5.36
160	5.47	5.46	5.46	5.47	5.49	5.47	5.40	5.39	5.37	5.40	5.41	5.47	5.55	5.48	5.47	5.45	5.48	5.49	5.46
165	5.44	5.42	5.45	5.45	5.48	5.47	5.45	5.42	5.41	5.46	5.47	5.50	5.57	5.51	5.46	5.45	5.47	5.47	5.42
170	5.25	5.26	5.30	5.33	5.34	5.35	5.36	5.34	5.35	5.36	5.38	5.36	5.42	5.39	5.36	5.36	5.37	5.36	5.31
175	5.03	5.05	5.11	5.13	5.15	5.16	5.18	5.17	5.17	5.19	5.19	5.17	5.24	5.23	5.21	5.19	5.19	5.18	5.12
180	5.16	5.15	5.16	5.15	5.17	5.17	5.15	5.14	5.11	5.13	5.10	5.06	5.16	5.15	5.16	5.15	5.17	5.17	5.16

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-11-19

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	3538	3538	3538	3538	3538														
5	2736	2753	2664	2629	2545														
10	1486	1493	1398	1377	1310														
15	716	715	681	677	658														
20	361	384	372	366	358														
25	165	184	176	167	160														
30	67.6	75.9	77.8	75.5	70.9														
35	34.8	42.5	45.4	45.1	43.1														
40	22.0	22.8	22.4	22.2	22.2														
45	13.8	14.3	15.7	15.8	15.2														
50	8.89	9.12	9.13	9.26	9.01														
55	7.21	7.31	7.33	7.54	7.28														
60	5.51	5.77	6.05	6.29	6.05														
65	4.07	4.28	4.46	4.94	4.86														
70	3.08	3.13	3.36	3.94	3.93														
75	1.62	1.64	1.85	2.42	2.49														
80	1.50	1.50	1.53	3.40	2.01														
85	1.50	1.50	1.52	1.97	2.15														
90	1.44	1.44	1.45	1.53	1.62														
95	1.47	1.47	1.48	1.55	1.65														
100	1.50	1.50	1.50	1.57	1.66														
105	1.53	1.54	1.53	1.69	1.71														
110	1.59	1.60	1.59	1.73	1.84														
115	1.71	1.72	1.73	1.84	2.07														
120	1.94	1.95	1.97	2.13	2.35														
125	2.36	2.38	2.41	2.58	2.88														
130	2.99	3.01	3.06	3.17	3.43														
135	3.74	3.74	3.79	3.84	3.97														
140	4.38	4.39	4.43	4.46	4.53														
145	4.84	4.84	4.88	4.89	4.93														
150	5.14	5.14	5.15	5.17	5.18														
155	5.32	5.32	5.34	5.33	5.33														
160	5.41	5.40	5.41	5.40	5.41														
165	5.41	5.38	5.41	5.36	5.36														
170	5.28	5.25	5.26	5.20	5.19														
175	5.09	5.04	5.06	4.99	4.97														
180	5.13	5.11	5.13	5.09	5.05														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-11-19

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: