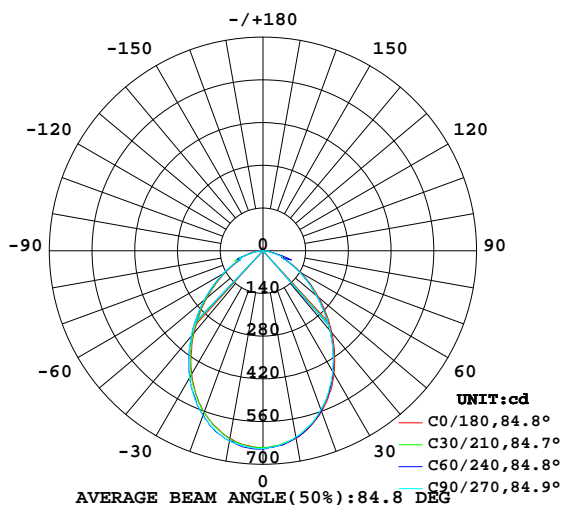


## LUMINAIRE PHOTOMETRIC TEST REPORT

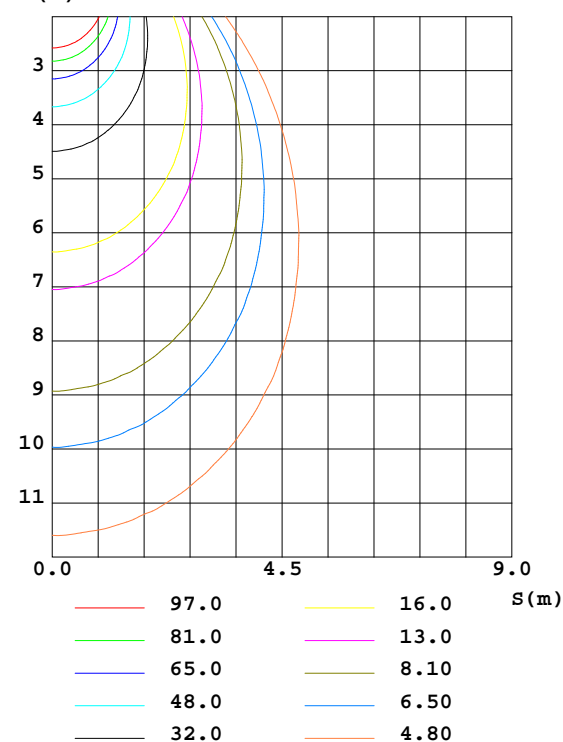
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.56 lm/W			
MODEL	BL172-15W-840-W-90	Imax(cd)	651.3	S/MH(C0/180)	1.10
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1293.0	η UP,DN(C0-180)	0.1,48.8
NOMINAL FLUX(lm)	1293.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,50.9
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.9	η down(%)	99.7	CIBSE SHR MAX	1.15

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:2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	624.6	621.6	619.5	616.1	624.3	624.9	633.4	623.8	0- 10	60.48	60.48	4.68,4.68
20	561.0	557.1	554.5	553.6	565.0	566.4	575.7	563.9	10- 20	167.8	228.3	17.7,17.7
30	465.3	460.4	456.3	455.8	467.6	472.4	481.2	472.2	20- 30	237.4	465.7	36,36
40	351.1	344.4	341.0	340.5	352.1	359.8	365.8	357.1	30- 40	255.3	721.0	55.8,55.8
50	238.8	233.5	229.9	230.4	240.2	244.6	251.2	243.5	40- 50	226.4	947.4	73.3,73.3
60	142.3	139.0	134.7	136.7	143.0	147.4	153.1	147.4	50- 60	168.9	1116	86.3,86.3
70	68.82	80.58	68.20	75.69	97.91	70.52	74.46	72.70	60- 70	103.0	1219	94.3,94.3
80	26.04	32.57	23.87	19.64	36.70	28.47	28.98	24.83	70- 80	58.28	1278	98.8,98.8
90	0	0	0	0	0.0001	0	0	0	80- 90	11.43	1289	99.7,99.7
100	0	0	0	0	0.4076	0	0	0	90-100	0.0023	1289	99.7,99.7
110	0	0	0	0	2.097	0	0	0	100-110	0.0342	1289	99.7,99.7
120	0	0	0	0	4.262	0	0	0	110-120	0.1115	1289	99.7,99.7
130	0	0	0	0	5.965	0	0.4895	0	120-130	0.2455	1289	99.7,99.7
140	0.0069	0.9040	0	0	6.141	0.0020	2.367	0	130-140	0.4835	1290	99.8,99.8
150	1.649	0.1416	0	1.060	8.288	1.019	2.920	0.0028	140-150	0.8245	1291	99.8,99.8
160	3.258	3.394	0.2032	1.916	8.737	2.640	3.898	1.236	150-160	1.034	1292	99.9,99.9
170	3.052	2.725	1.717	2.579	9.656	3.796	4.482	3.329	160-170	0.9079	1293	100,100
180	5.136	4.806	2.553	1.905	10.29	4.448	6.023	2.589	170-180	0.3728	1293	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

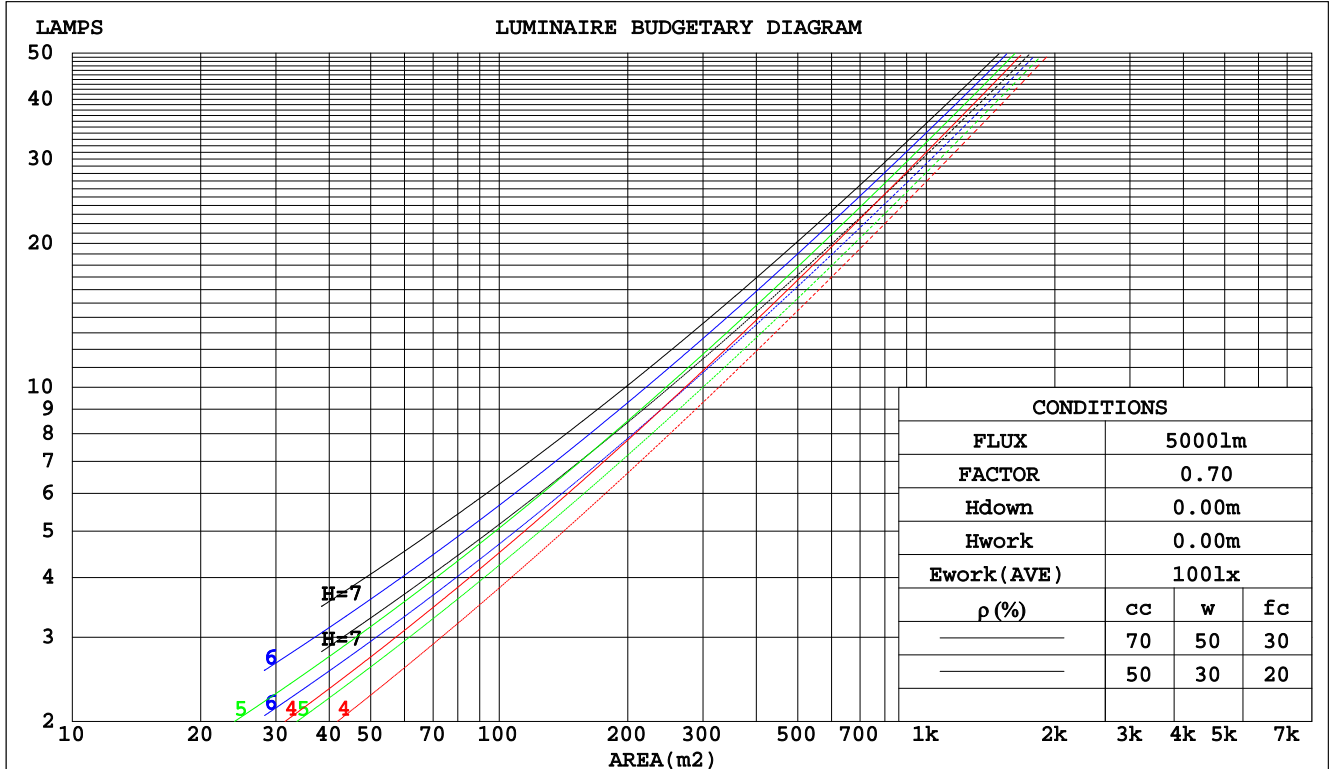
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.82	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.75	.67	.61	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.54	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.51	.47	.56	.51	.46	.44
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [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	.268 .152 .048	.261 .149 .047	.247 .142 .045	.235 .136 .044	.224 .130 .042	
2.0	.256 .140 .043	.250 .138 .042	.238 .133 .041	.228 .128 .040	.218 .123 .039	
3.0	.240 .128 .038	.235 .126 .038	.225 .122 .037	.215 .118 .036	.206 .114 .035	
4.0	.224 .116 .034	.219 .115 .034	.210 .112 .033	.202 .109 .033	.194 .106 .032	
5.0	.209 .107 .031	.205 .105 .031	.197 .103 .030	.190 .100 .030	.183 .098 .029	
6.0	.196 .098 .028	.192 .097 .028	.185 .095 .028	.178 .093 .027	.172 .091 .027	
7.0	.183 .091 .026	.180 .090 .026	.174 .088 .025	.168 .086 .025	.162 .084 .025	
8.0	.172 .084 .024	.170 .083 .024	.164 .082 .023	.159 .080 .023	.154 .079 .023	
9.0	.163 .079 .022	.160 .078 .022	.155 .077 .022	.150 .075 .022	.145 .074 .021	
10.0	.154 .074 .020	.151 .073 .020	.147 .072 .020	.142 .071 .020	.138 .069 .020	

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	.193 .193 .193	.165 .165 .165	.112 .112 .112	.065 .065 .065	.021 .021 .021	
1.0	.180 .159 .140	.154 .136 .121	.105 .094 .083	.061 .054 .048	.019 .017 .016	
2.0	.170 .134 .105	.146 .116 .091	.100 .080 .063	.057 .047 .037	.018 .015 .012	
3.0	.161 .117 .081	.138 .101 .070	.095 .070 .049	.055 .041 .029	.018 .013 .010	
4.0	.153 .103 .064	.131 .089 .056	.090 .062 .039	.052 .036 .023	.017 .012 .008	
5.0	.146 .092 .053	.125 .080 .046	.086 .056 .032	.050 .033 .019	.016 .011 .006	
6.0	.139 .084 .044	.119 .072 .038	.082 .051 .027	.048 .030 .016	.015 .010 .005	
7.0	.132 .077 .038	.114 .066 .033	.078 .047 .023	.046 .027 .014	.015 .009 .005	
8.0	.126 .071 .033	.108 .061 .029	.075 .043 .020	.044 .025 .012	.014 .008 .004	
9.0	.120 .066 .029	.104 .057 .025	.072 .040 .018	.042 .024 .011	.014 .008 .004	
10.0	.115 .062 .026	.099 .053 .023	.069 .038 .016	.040 .022 .010	.013 .007 .003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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					24.5	25.9	24.8	26.1	26.3	24.4	25.7	24.6	25.9	26.1
3H					25.5	26.8	25.8	27.0	27.2	25.3	26.5	25.6	26.8	27.0
4H					26.0	27.2	26.3	27.5	27.7	25.8	27.0	26.1	27.3	27.5
6H					26.3	27.4	26.6	27.7	28.0	26.0	27.1	26.3	27.4	27.7
8H					26.3	27.4	26.7	27.7	28.0	26.0	27.1	26.4	27.4	27.7
12H					26.3	27.4	26.7	27.7	28.0	26.0	27.1	26.4	27.4	27.7
4H 2H					24.8	26.0	25.2	26.3	26.6	24.7	25.9	25.0	26.1	26.4
3H					26.0	27.1	26.4	27.4	27.7	26.0	27.0	26.3	27.3	27.6
4H					26.7	27.6	27.1	28.0	28.3	26.7	27.6	27.1	28.0	28.3
6H					27.1	27.9	27.5	28.3	28.6	27.0	27.8	27.4	28.2	28.5
8H					27.2	27.9	27.6	28.3	28.7	27.0	27.8	27.5	28.2	28.6
12H					27.2	27.9	27.6	28.3	28.7	27.1	27.8	27.5	28.2	28.6
8H 4H					26.9	27.7	27.3	28.0	28.4	26.9	27.7	27.3	28.0	28.4
6H					27.4	28.0	27.8	28.4	28.8	27.3	27.9	27.7	28.3	28.7
8H					27.5	28.1	28.0	28.5	29.0	27.3	27.9	27.8	28.3	28.8
12H					27.6	28.1	28.1	28.5	29.0	27.4	27.9	27.9	28.3	28.8
12H 4H					26.9	27.6	27.3	28.0	28.4	26.9	27.6	27.3	28.0	28.4
6H					27.4	27.9	27.8	28.4	28.8	27.3	27.9	27.7	28.3	28.7
8H					27.5	28.0	28.0	28.5	29.0	27.4	27.9	27.9	28.3	28.8
Variations with the observer position at spacings:														
S = 1.0H					+ 0.4 / - 0.4					+ 0.5 / - 0.7				
1.5H					+ 0.5 / - 0.4					+ 0.4 / - 0.6				
2.0H					+ 0.4 / - 0.8					+ 0.5 / - 1.0				

CIE Pub.117 Corrected 1293 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

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

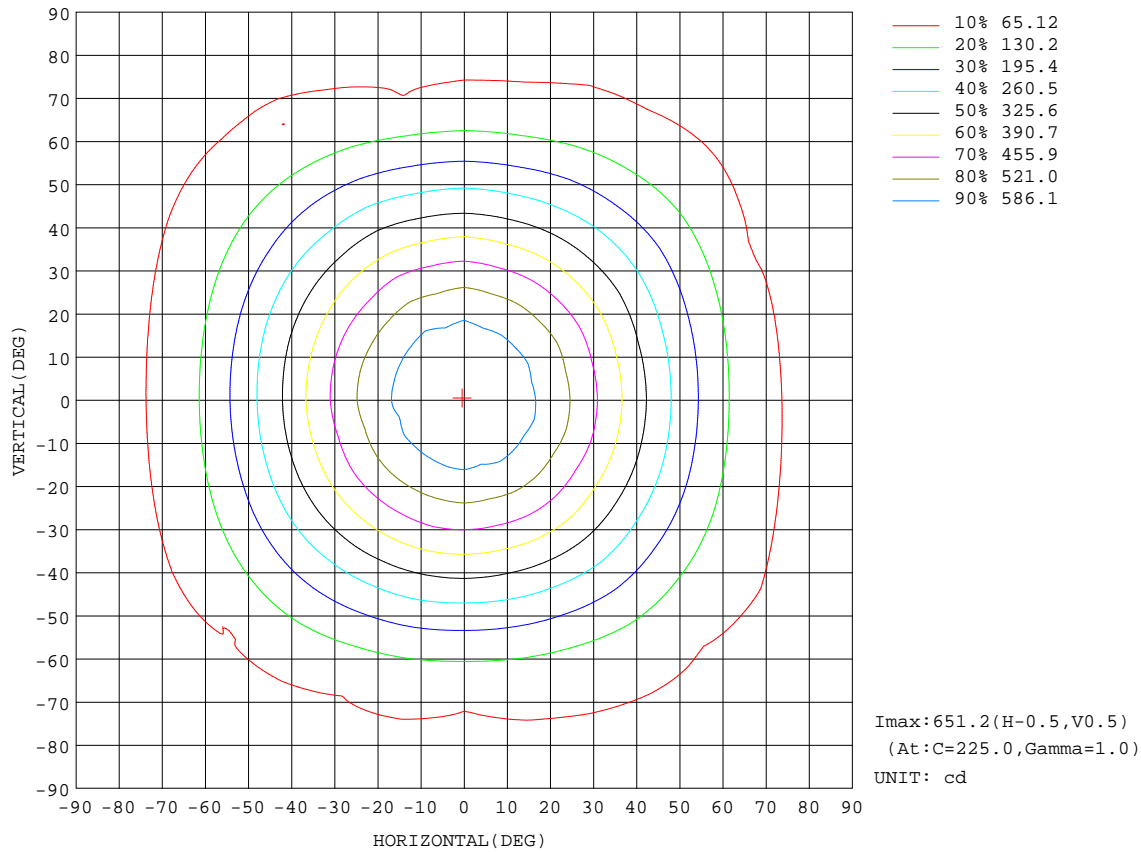
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	64	54	47	63	53	47	62	53	47	41
0.80	74	64	57	73	63	57	71	62	56	50
1.00	82	72	66	81	72	65	79	73	65	59
1.25	88	79	73	87	79	73	84	77	72	65
1.50	93	84	78	91	84	78	88	82	77	70
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	98	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
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: 2015-04-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

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



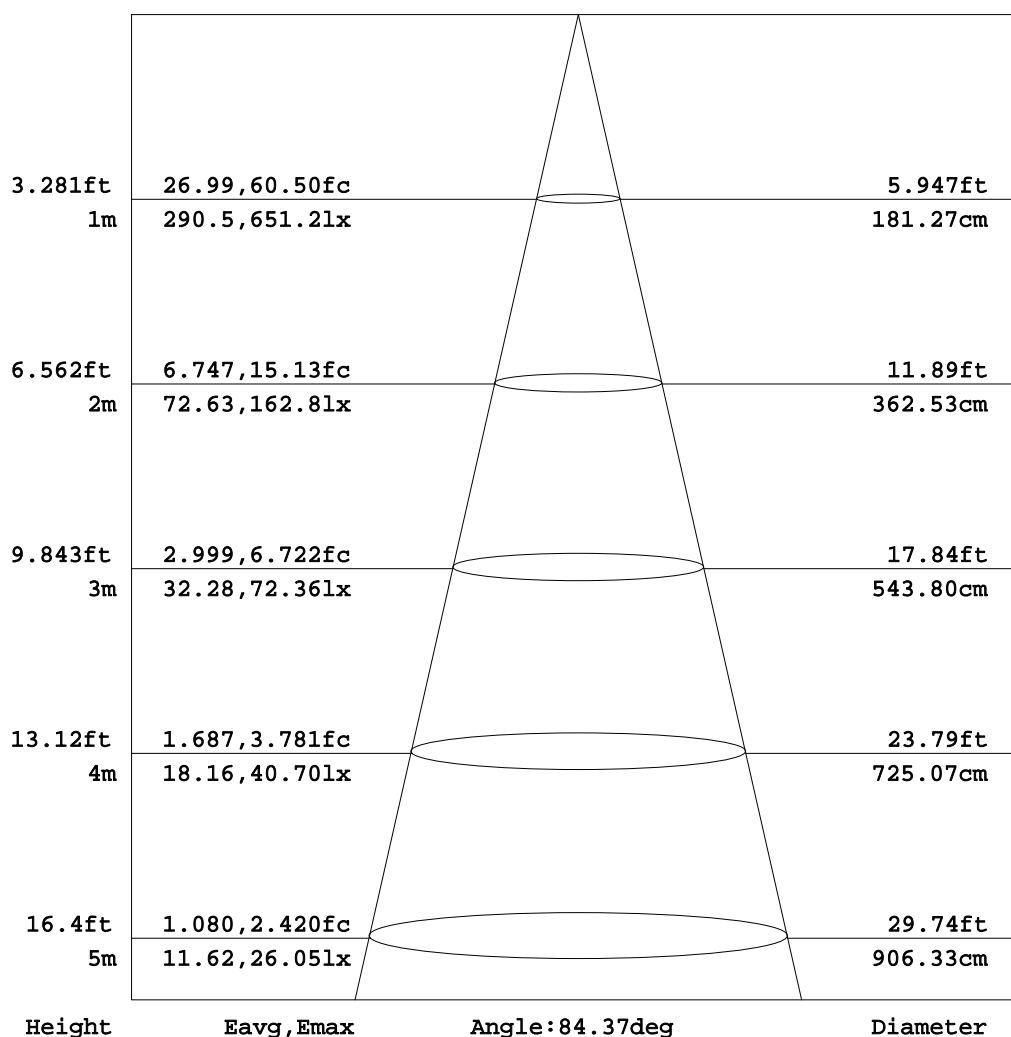
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:

### AAI Figure

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

Flux out:793.6 lm



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

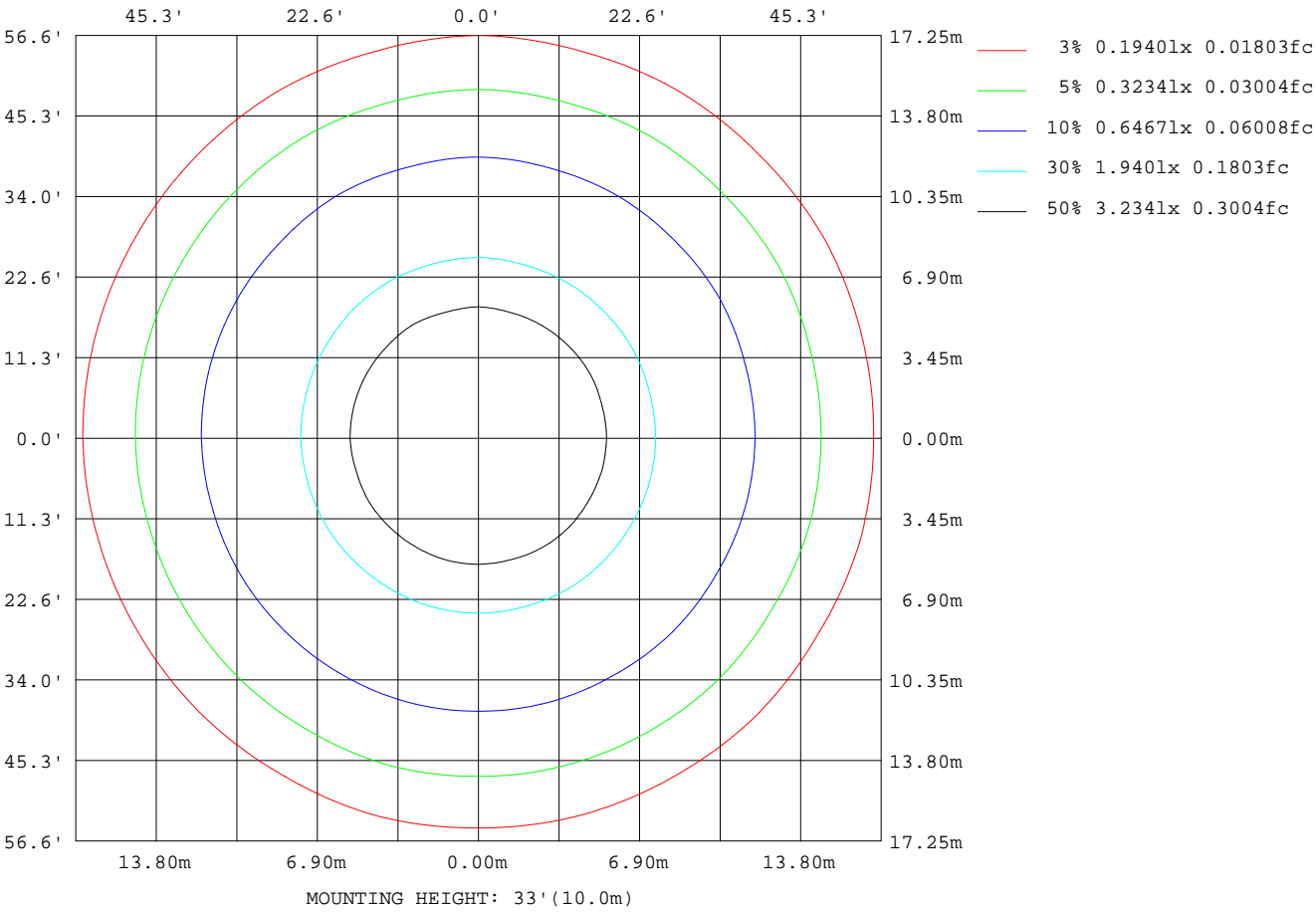
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:



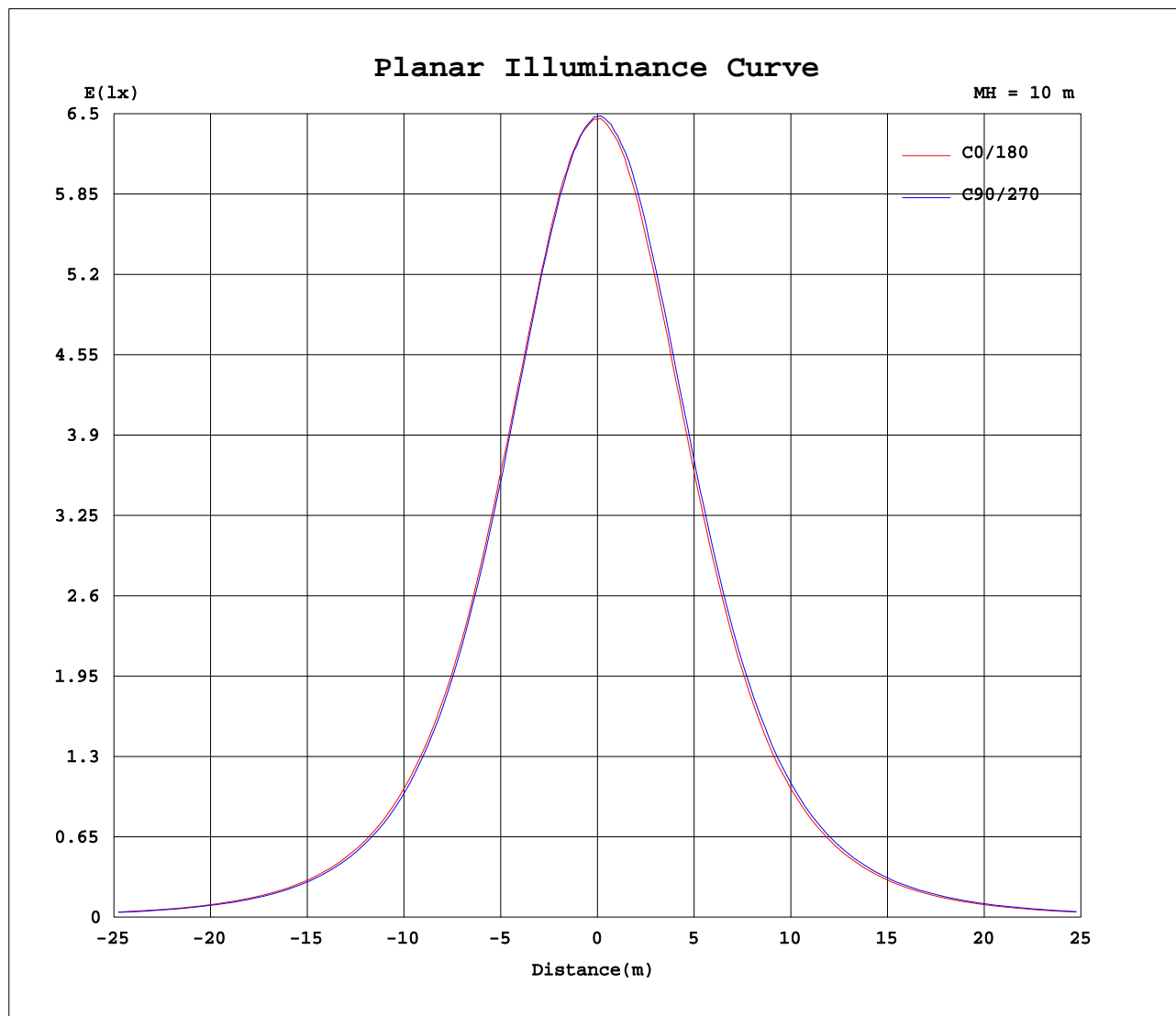
ISOLUX DIAGRAM

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:6.200m [K=1.0000]
Test Date:2015-04-21	Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [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	645	646	645	651	650	644	648	643	640	648	643	642	645	646	645	651	650	644	648
5	640	638	638	641	641	636	639	637	633	636	637	634	640	643	641	641	647	640	643
10	625	627	622	622	621	619	620	619	615	616	618	617	624	622	627	625	633	626	633
15	596	597	592	594	595	588	593	591	591	592	592	589	597	599	598	601	611	601	608
20	561	561	556	557	559	552	554	554	551	554	556	556	565	566	564	566	572	568	576
25	516	515	512	514	512	508	509	508	507	509	510	512	520	521	521	523	530	525	533
30	465	465	458	460	458	455	456	457	454	456	459	459	468	468	470	472	481	475	481
35	408	407	403	403	401	398	399	400	398	399	402	405	410	412	413	419	424	421	424
40	351	348	344	344	342	340	341	342	339	340	345	347	352	355	356	360	365	362	366
45	294	291	287	287	285	283	283	285	283	284	287	290	294	299	298	300	307	304	308
50	239	236	233	233	229	230	230	230	230	230	233	235	240	243	244	245	251	248	251
55	188	187	183	183	182	180	180	182	180	181	182	185	189	191	192	195	198	197	199
60	142	142	138	139	136	136	135	136	134	137	137	141	143	144	145	147	150	149	153
65	102	103	98.7	99.6	97.2	96.6	95.8	96.6	95.9	97.4	97.1	99.7	103	103	105	106	108	107	110
70	68.8	83.9	66.0	80.6	64.4	80.5	68.2	97.6	67.3	75.7	63.7	74.6	97.9	68.5	97.2	70.5	83.3	71.4	74.5
75	56.1	64.1	48.5	57.2	64.3	62.0	46.3	57.8	43.8	40.9	41.4	54.5	56.7	59.9	55.9	71.1	61.4	53.2	59.8
80	26.0	31.5	24.4	32.6	24.1	28.1	23.9	20.3	20.9	19.6	21.0	24.7	36.7	28.9	28.9	28.5	29.8	28.4	29.0
85	6.83	11.2	8.97	10.6	5.46	9.55	7.81	5.64	7.02	5.08	4.26	9.74	15.8	8.41	9.48	10.1	12.6	12.7	13.1
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	4.26	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.16	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	1.07	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.00	5.97	0.00	0.00	0.00	0.88	0.00	0.49
135	0.00	1.26	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.16	6.47	0.00	1.11	0.00	1.67	0.00	1.19
140	0.01	2.76	0.00	0.90	0.00	2.60	0.00	0.57	0.00	0.00	0.00	0.76	6.14	0.00	0.46	0.00	1.23	0.90	2.37
145	1.35	3.11	0.00	0.85	0.00	3.62	0.00	0.65	0.00	0.00	0.00	0.69	7.38	1.64	1.66	0.22	2.51	1.06	2.02
150	1.65	3.72	0.00	0.14	0.00	4.34	0.00	1.74	0.00	1.06	0.00	1.41	8.29	2.12	2.29	1.02	2.93	1.25	2.92
155	2.55	4.19	1.06	2.39	0.11	5.50	0.00	3.32	0.00	1.14	1.13	1.64	7.83	2.07	2.36	1.36	4.20	2.34	3.62
160	3.26	5.09	0.87	3.39	1.46	4.69	0.20	2.28	0.00	1.92	2.11	2.16	8.74	2.60	2.59	2.64	3.87	3.05	3.90
165	3.56	5.59	1.08	3.16	2.57	5.61	1.52	3.77	0.52	2.25	3.16	3.40	9.43	3.53	2.01	3.21	4.62	2.72	3.74
170	3.05	6.26	2.44	2.72	3.66	6.18	1.72	3.47	0.24	2.58	2.01	2.10	9.66	3.77	1.44	3.80	3.51	4.07	4.48
175	4.31	6.67	2.24	3.98	4.02	6.26	1.96	4.48	0.16	1.79	2.13	3.50	10.6	6.06	3.77	5.23	3.99	3.68	5.67
180	5.14	5.39	3.56	4.81	3.72	6.30	2.55	2.53	0.76	1.91	2.47	4.03	10.3	5.34	4.16	4.45	5.34	5.62	6.02

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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	643	640	648	643	642														
5	637	637	640	638	635														
10	624	625	624	625	619														
15	601	600	598	598	594														
20	568	567	564	567	560														
25	525	525	521	522	515														
30	474	473	472	471	466														
35	417	416	415	414	408														
40	357	360	357	356	350														
45	303	302	299	300	293														
50	246	247	244	245	239														
55	196	197	194	195	190														
60	149	150	147	148	145														
65	108	109	106	107	104														
70	72.5	94.2	72.7	83.3	70.4														
75	58.2	66.2	52.6	58.0	48.2														
80	26.3	33.2	24.8	28.2	25.3														
85	9.79	14.2	12.8	13.2	7.30														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.09	0.00	0.00	0.00														
130	0.00	0.62	0.00	0.00	0.00														
135	0.00	2.03	0.00	0.00	0.00														
140	0.00	2.41	0.00	0.17	0.00														
145	0.61	2.75	0.00	0.81	0.00														
150	1.68	3.48	0.00	0.98	0.00														
155	3.12	4.84	1.15	1.05	0.00														
160	2.97	4.90	1.24	2.48	0.25														
165	3.63	6.03	2.35	2.73	0.46														
170	3.85	5.84	3.33	2.77	1.35														
175	5.66	8.52	3.26	4.02	1.20														
180	5.25	6.41	2.59	3.76	2.17														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [K=1.0000]  
Remarks: