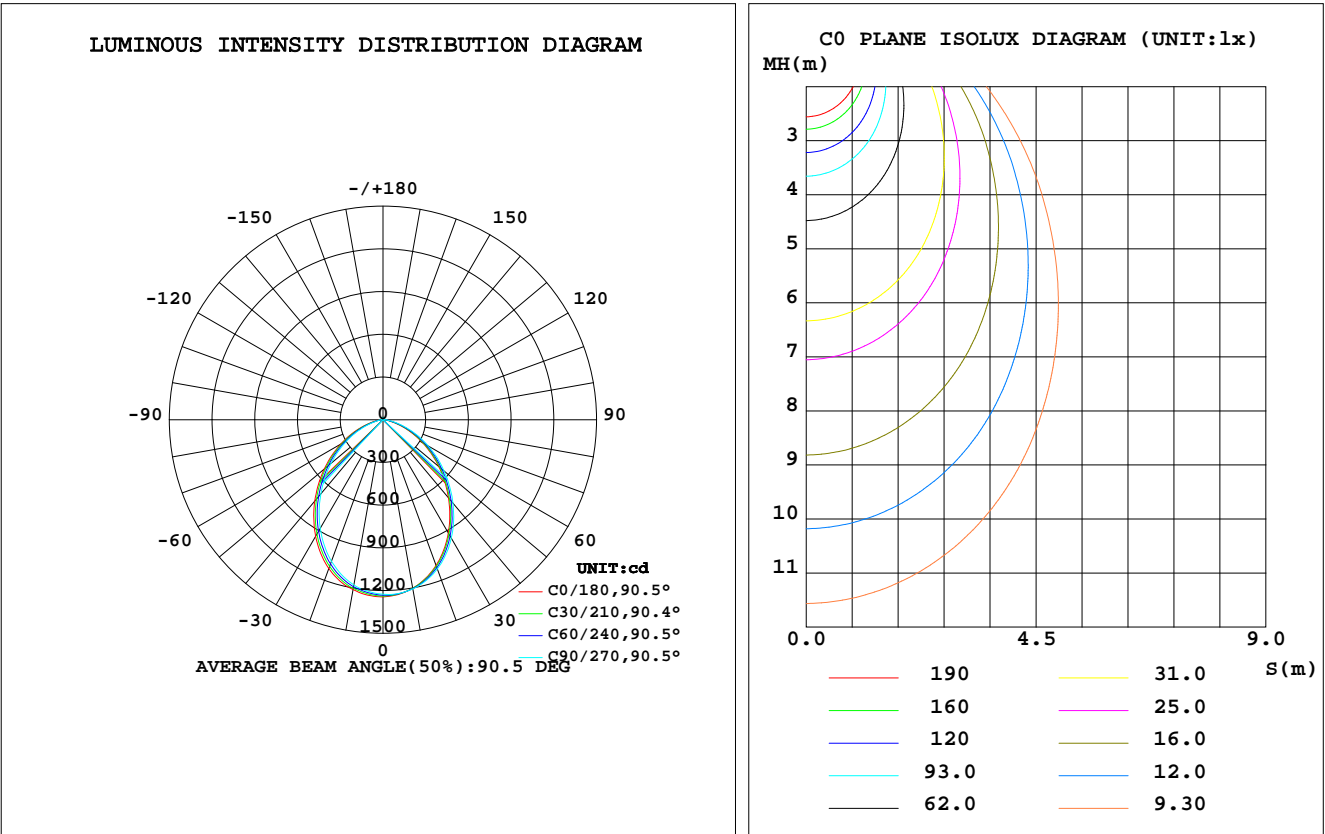


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.46 lm/W
MODEL	BL182-30W-830-W-90	Imax(cd)	1244	S/MH(C0/180)	1.12	
NOMINAL POWER(W)	34	LOR(%)	100.0	S/MH(C90/270)	1.17	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2712.6	η UP,DN(C0-180)	1.3,50.8	
NOMINAL FLUX(lm)	2712.56	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,46.5	
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	226.9	η down(%)	97.3	CIBSE SHR MAX	1.25	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.050m [K=1.0000]  
Remarks: 34W

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	1201	1205	1206	1200	1211	1192	1178	1163	0- 10	115.5	115.5	4.26,4.26
20	1090	1107	1115	1115	1112	1080	1058	1041	10- 20	323.1	438.6	16.2,16.2
30	917.6	942.8	959.5	962.6	946.2	909.4	881.9	864.4	20- 30	464.2	902.9	33.3,33.3
40	715.8	741.7	764.5	769.4	745.2	709.7	679.3	664.5	30- 40	514.3	1417	52.2,52.2
50	512.4	535.3	559.9	565.7	538.7	508.4	477.3	466.1	40- 50	477.8	1895	69.9,69.9
60	318.5	340.0	365.8	370.9	343.9	316.9	289.9	279.3	50- 60	376.9	2272	83.8,83.8
70	150.2	168.7	190.8	196.6	171.4	150.5	129.4	122.3	60- 70	237.8	2510	92.5,92.5
80	42.23	50.33	62.42	65.69	51.69	42.75	35.58	33.63	70- 80	102.1	2612	96.3,96.3
90	7.751	8.695	13.71	15.36	10.23	8.185	8.205	8.177	80- 90	27.84	2640	97.3,97.3
100	8.661	8.443	8.251	8.222	8.877	8.954	9.042	9.019	90-100	9.218	2649	97.7,97.7
110	9.982	9.722	9.476	9.420	9.989	10.09	10.21	10.17	100-110	9.770	2659	98,98
120	11.45	11.17	10.90	10.81	11.30	11.40	11.51	11.45	110-120	10.45	2669	98.4,98.4
130	12.87	12.61	12.33	12.23	12.62	12.69	12.78	12.69	120-130	10.67	2680	98.8,98.8
140	14.15	13.92	13.64	13.52	13.85	13.87	13.93	13.87	130-140	10.21	2690	99.2,99.2
150	15.34	15.16	14.92	14.77	15.09	15.03	15.08	15.02	140-150	9.033	2699	99.5,99.5
160	16.50	16.41	16.21	16.05	16.38	16.23	16.21	16.10	150-160	7.210	2706	99.8,99.8
170	17.47	17.31	17.12	17.03	17.36	17.27	17.23	17.10	160-170	4.726	2711	99.9,99.9
180	18.06	17.98	17.86	17.77	18.10	17.95	17.87	17.77	170-180	1.668	2713	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

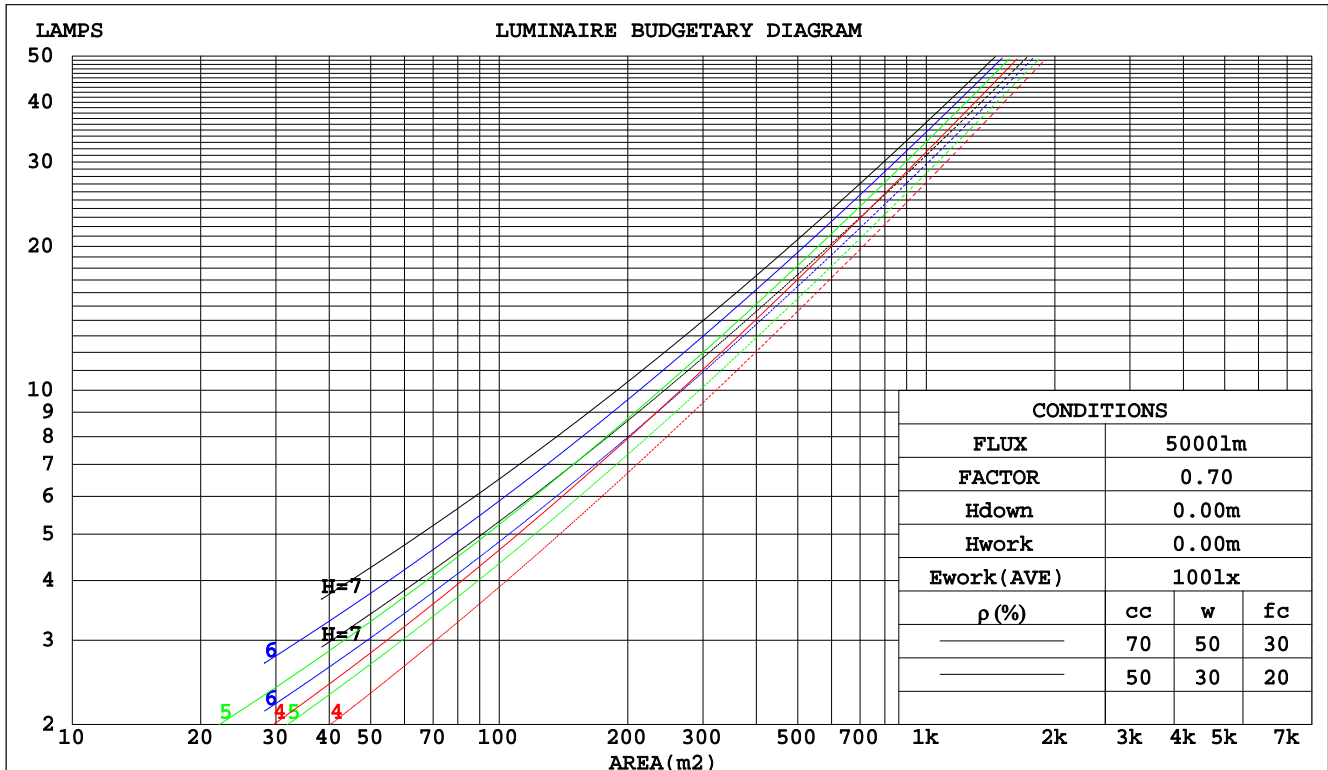
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.050m [K=1.0000]  
Remarks: 34W

### 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.92	.89	.90	.88	.86	.84
2.0	.93	.87	.82	.91	.86	.81	.87	.83	.79	.84	.80	.76	.80	.77	.74	.72
3.0	.83	.75	.70	.81	.74	.69	.78	.72	.67	.75	.70	.66	.72	.68	.64	.62
4.0	.74	.66	.60	.73	.65	.59	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.67	.59	.52	.66	.58	.52	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.45	.56	.49	.45	.54	.48	.44	.42
7.0	.55	.47	.41	.54	.47	.41	.53	.46	.41	.51	.45	.40	.49	.44	.40	.38
8.0	.51	.43	.37	.50	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.34
9.0	.47	.39	.34	.46	.39	.34	.45	.38	.33	.43	.37	.33	.42	.37	.33	.31
10.0	.43	.36	.31	.43	.35	.31	.42	.35	.30	.40	.34	.30	.39	.34	.30	.28



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.050m [K=1.0000]  
Remarks: 34W

# 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	.271 .154 .049	.263 .150 .048	.249 .143 .046	.235 .136 .044	.223 .129 .042	
2.0	.259 .142 .044	.252 .139 .043	.239 .133 .041	.228 .128 .040	.217 .123 .039	
3.0	.243 .129 .039	.237 .127 .038	.226 .122 .037	.215 .118 .036	.206 .114 .035	
4.0	.227 .118 .035	.222 .116 .034	.212 .112 .034	.202 .109 .033	.194 .105 .032	
5.0	.212 .108 .031	.207 .106 .031	.198 .103 .030	.190 .100 .030	.182 .097 .029	
6.0	.198 .099 .028	.194 .098 .028	.186 .095 .028	.178 .093 .027	.171 .090 .027	
7.0	.186 .092 .026	.182 .091 .026	.175 .088 .025	.168 .086 .025	.161 .084 .025	
8.0	.174 .085 .024	.171 .084 .024	.164 .082 .023	.158 .080 .023	.153 .078 .023	
9.0	.164 .079 .022	.161 .079 .022	.155 .077 .022	.150 .075 .021	.144 .073 .021	
10.0	.155 .074 .021	.152 .074 .021	.147 .072 .020	.142 .070 .020	.137 .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	.211 .211 .211	.180 .180 .180	.123 .123 .123	.071 .071 .071	.023 .023 .023	
1.0	.198 .177 .158	.170 .152 .136	.116 .105 .094	.067 .061 .055	.021 .019 .018	
2.0	.189 .153 .123	.162 .132 .106	.111 .091 .074	.064 .053 .043	.020 .017 .014	
3.0	.180 .135 .099	.155 .116 .086	.106 .081 .060	.061 .047 .035	.020 .015 .012	
4.0	.172 .121 .083	.148 .105 .072	.102 .073 .051	.059 .043 .030	.019 .014 .010	
5.0	.165 .111 .071	.142 .096 .062	.098 .067 .044	.057 .039 .026	.018 .013 .009	
6.0	.158 .102 .063	.136 .089 .054	.094 .062 .039	.054 .037 .023	.018 .012 .008	
7.0	.152 .096 .056	.130 .083 .049	.090 .058 .035	.052 .034 .021	.017 .011 .007	
8.0	.146 .090 .051	.125 .078 .045	.087 .055 .032	.050 .032 .019	.016 .011 .006	
9.0	.140 .085 .048	.120 .074 .042	.083 .052 .029	.049 .031 .018	.016 .010 .006	
10.0	.134 .081 .045	.116 .070 .039	.080 .049 .028	.047 .029 .017	.015 .010 .005	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.050m [K=1.0000]  
Remarks: 34W

### 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					25.5	26.9	25.8	27.1	27.4	26.0	27.3	26.3	27.6	27.8
3H					26.3	27.6	26.7	27.9	28.2	27.0	28.3	27.3	28.5	28.8
4H					26.5	27.7	26.9	28.0	28.3	27.3	28.5	27.7	28.8	29.1
6H					26.6	27.7	27.0	28.1	28.4	27.5	28.6	27.9	28.9	29.2
8H					26.6	27.7	27.0	28.0	28.4	27.5	28.6	27.9	28.9	29.3
12H					26.6	27.7	27.0	28.0	28.4	27.6	28.6	27.9	28.9	29.3
4H 2H					26.0	27.1	26.3	27.4	27.7	26.3	27.5	26.7	27.8	28.1
3H					26.9	28.0	27.3	28.3	28.6	27.5	28.5	27.9	28.9	29.2
4H					27.2	28.1	27.6	28.5	28.9	27.9	28.8	28.3	29.2	29.6
6H					27.4	28.2	27.8	28.6	29.0	28.2	29.0	28.6	29.4	29.8
8H					27.4	28.2	27.8	28.6	29.0	28.2	29.0	28.7	29.4	29.8
12H					27.4	28.1	27.9	28.6	29.0	28.3	29.0	28.8	29.4	29.9
8H 4H					27.3	28.1	27.8	28.5	28.9	28.0	28.7	28.4	29.1	29.6
6H					27.5	28.2	28.0	28.6	29.1	28.3	28.9	28.8	29.4	29.9
8H					27.6	28.2	28.1	28.6	29.2	28.4	29.0	28.9	29.4	30.0
12H					27.7	28.2	28.2	28.7	29.2	28.5	29.0	29.1	29.5	30.0
12H 4H					27.3	28.0	27.8	28.4	28.9	27.9	28.6	28.4	29.1	29.5
6H					27.5	28.1	28.0	28.6	29.1	28.3	28.8	28.8	29.3	29.8
8H					27.6	28.1	28.2	28.6	29.1	28.4	28.9	29.0	29.4	29.9
Variations with the observer position at spacings:														
S = 1.0H					+ 0.4 / - 0.4					+ 0.3 / - 0.3				
1.5H					+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H					+ 0.5 / - 0.6					+ 0.5 / - 0.5				

CIE Pub.117 Corrected 2713 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.050m [K=1.0000]  
Remarks: 34W

## UTILIZATION FACTORS TABLE

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

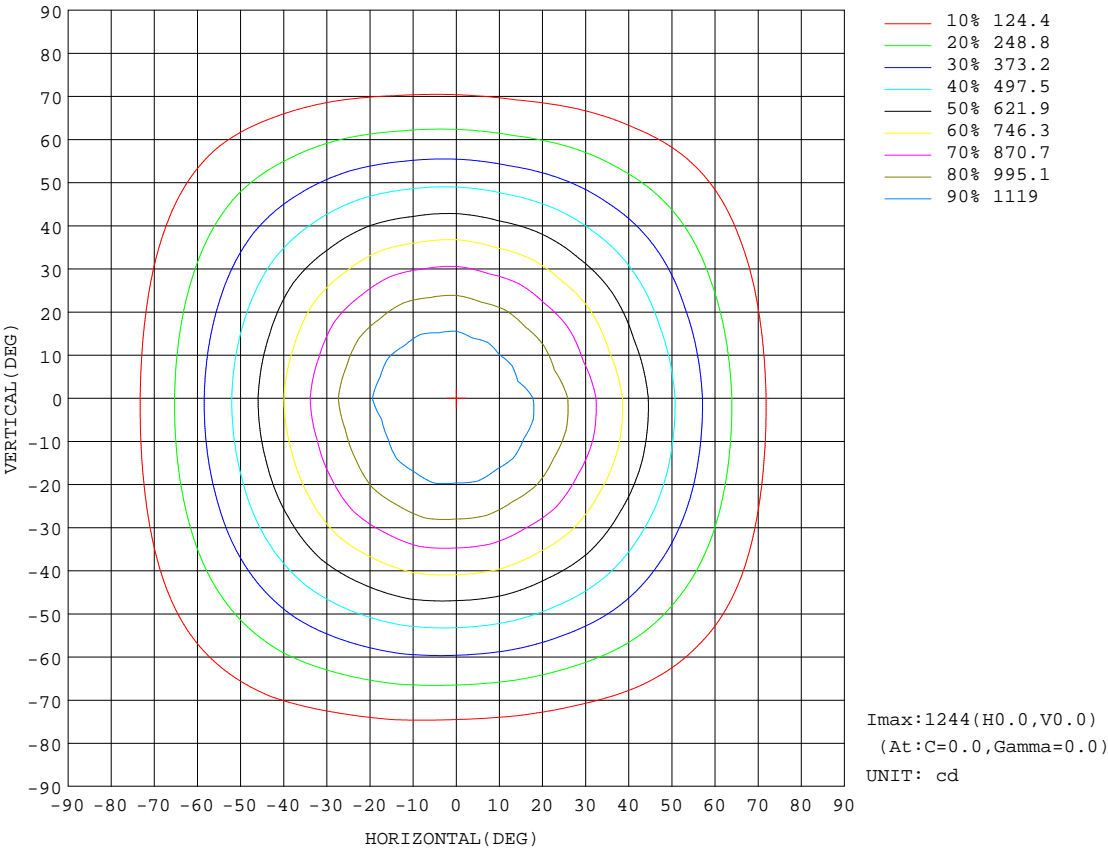
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	62	51	45	61	51	44	60	50	44	38
0.80	72	61	54	71	61	54	69	60	54	47
1.00	80	70	63	79	69	63	76	70	62	56
1.25	87	77	71	85	76	70	82	75	69	62
1.50	91	82	76	90	82	76	86	80	74	67
2.00	97	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	92	88	95	90	85	77
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	102	98	105	100	97	100	97	94	84
5.00	109	105	102	107	103	100	102	99	96	87
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: 2015-02-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.050m [K=1.0000]  
Remarks: 34W

ISOCANDELA DIAGRAM

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

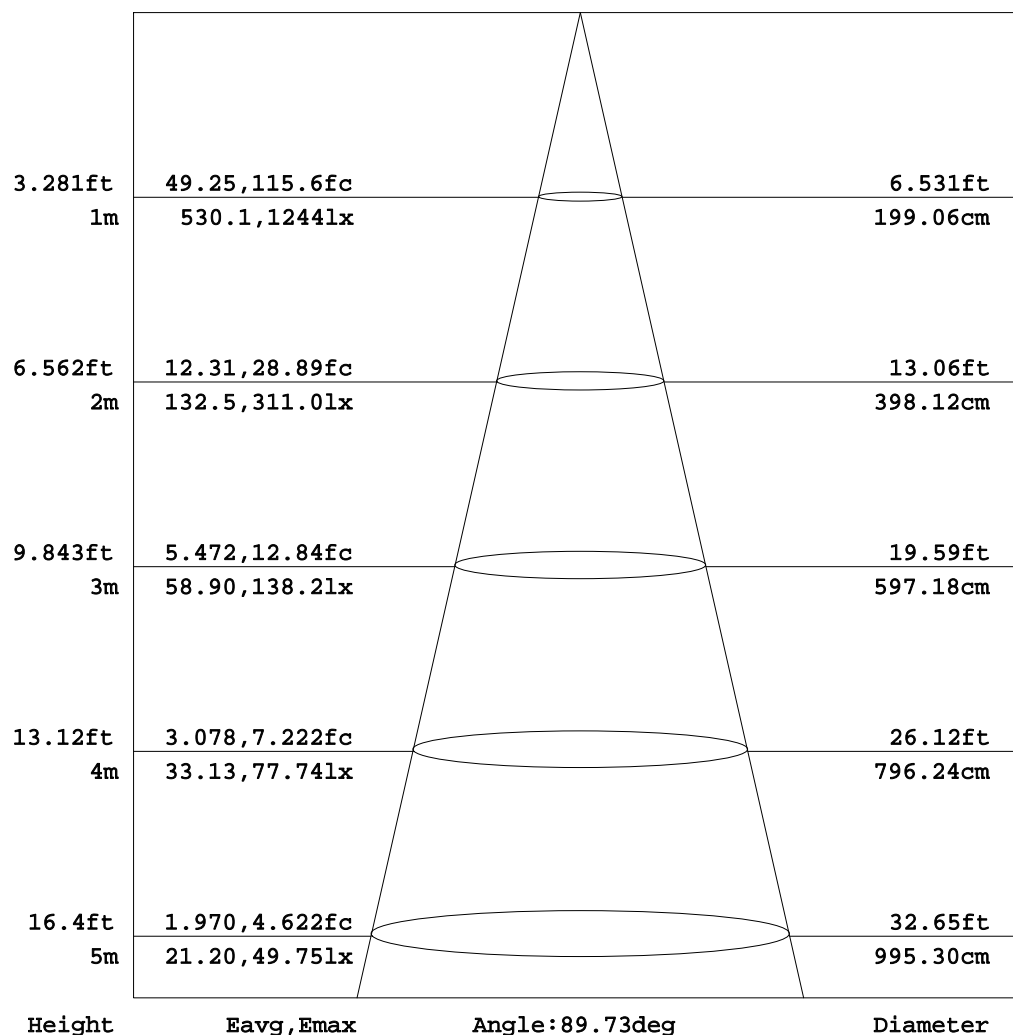


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:QiuMing	Test Distance:6.050m [K=1.0000]
Test Date:2015-02-06	Remarks: 34W

### AAI Figure

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

Flux out:1665 lm



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

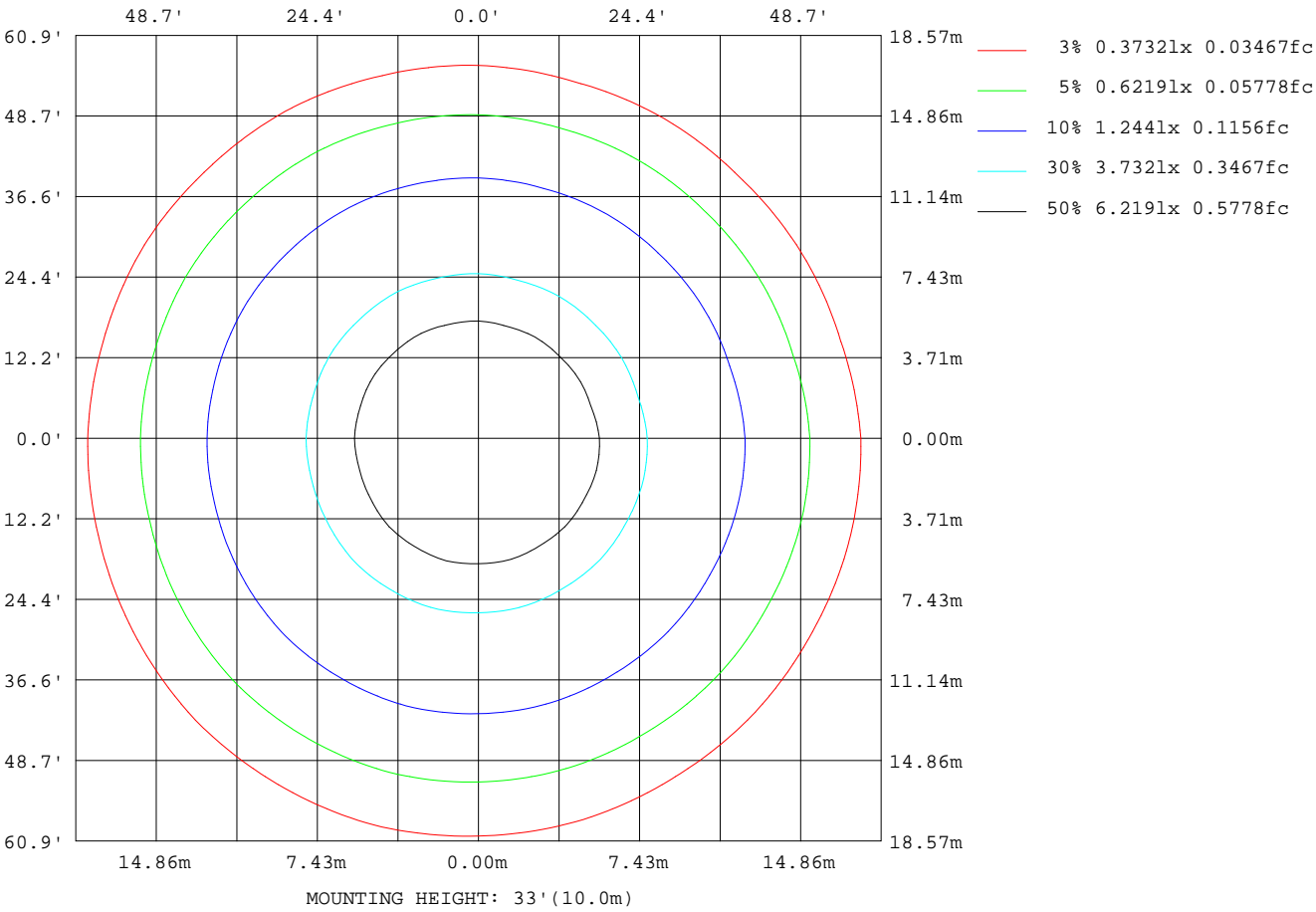
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.050m [K=1.0000]  
Remarks: 34W



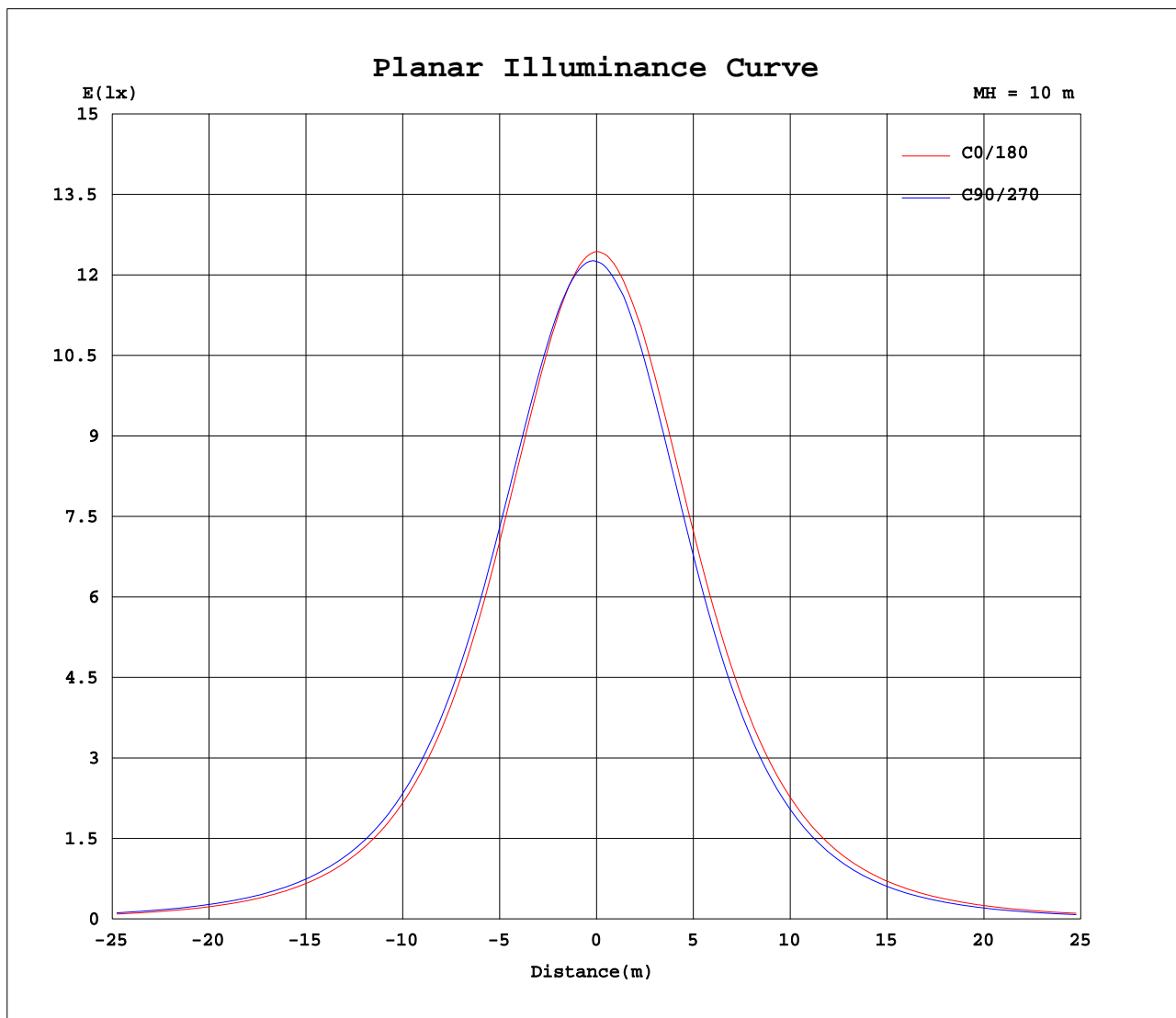
ISOLUX DIAGRAM

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: 6.050m [K=1.0000]
Test Date: 2015-02-06	Remarks: 34W

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-02-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.050m [K=1.0000]  
Remarks: 34W

## 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	1244	1240	1238	1235	1232	1230	1225	1223	1221	1217	1215	1212	1244	1240	1238	1235	1232	1230	1225
5	1232	1231	1229	1228	1227	1228	1225	1224	1221	1218	1213	1208	1236	1231	1228	1222	1218	1213	1209
10	1201	1203	1202	1205	1204	1208	1206	1207	1204	1200	1192	1191	1211	1204	1201	1192	1192	1179	1178
15	1154	1162	1157	1167	1163	1174	1169	1176	1167	1168	1154	1151	1172	1159	1159	1144	1143	1127	1126
20	1090	1099	1095	1107	1105	1117	1115	1123	1114	1115	1100	1095	1112	1097	1096	1080	1077	1061	1058
25	1010	1021	1018	1032	1031	1046	1045	1055	1046	1046	1029	1022	1036	1019	1018	1001	997	979	975
30	918	929	927	943	943	959	960	972	961	963	944	936	946	930	928	909	905	887	882
35	819	830	829	845	846	863	865	876	869	868	851	842	848	833	829	812	806	788	782
40	716	726	727	742	745	761	765	776	770	769	752	742	745	730	727	710	704	685	679
45	612	622	624	638	642	657	662	674	668	667	651	641	641	628	624	607	602	583	578
50	512	519	522	535	539	554	560	571	566	566	550	540	539	527	522	508	501	486	477
55	413	420	425	435	442	454	462	471	469	466	455	442	439	429	424	411	403	389	381
60	319	325	329	340	347	358	366	375	373	371	360	349	344	334	329	317	310	297	290
65	230	237	240	250	257	268	275	283	282	280	270	260	254	245	241	229	223	211	205
70	150	156	160	169	174	185	191	199	198	197	187	179	171	164	160	150	145	135	129
75	85.4	89.8	92.8	99.5	104	113	118	125	123	123	115	108	102	96.5	92.8	85.8	81.2	74.4	70.1
80	42.2	44.7	46.2	50.3	53.7	58.4	62.4	66.8	66.4	65.7	61.0	56.1	51.7	48.5	46.5	42.7	40.4	37.2	35.6
85	21.6	23.1	24.0	26.2	27.6	30.0	31.5	33.4	33.2	33.0	31.1	29.2	27.3	25.8	24.7	22.5	21.0	18.6	17.1
90	7.75	7.69	7.69	8.70	10.1	12.3	13.7	15.5	15.4	15.4	13.7	12.1	10.2	8.92	8.26	8.19	8.17	8.21	8.20
95	8.14	8.07	8.02	7.96	7.91	7.84	7.80	7.76	7.78	7.78	7.84	7.89	8.45	8.47	8.47	8.51	8.51	8.56	8.57
100	8.66	8.58	8.53	8.44	8.39	8.30	8.25	8.20	8.21	8.22	8.29	8.34	8.88	8.89	8.90	8.95	8.96	9.03	9.04
105	9.28	9.20	9.14	9.04	8.98	8.88	8.82	8.75	8.77	8.77	8.84	8.91	9.39	9.42	9.43	9.49	9.51	9.58	9.59
110	9.98	9.89	9.82	9.72	9.65	9.54	9.48	9.41	9.42	9.42	9.49	9.55	9.99	10.0	10.0	10.1	10.1	10.2	10.2
115	10.7	10.6	10.5	10.4	10.4	10.2	10.2	10.1	10.1	10.1	10.2	10.2	10.6	10.7	10.7	10.7	10.8	10.8	10.9
120	11.4	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.8	10.8	10.9	10.9	11.3	11.3	11.3	11.4	11.4	11.5	11.5
125	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.5	11.5	11.6	11.7	12.0	12.0	12.0	12.1	12.1	12.1	12.2
130	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.3	12.3	12.6	12.6	12.6	12.7	12.7	12.8	12.8
135	13.5	13.5	13.4	13.3	13.2	13.1	13.0	12.9	12.9	12.9	12.9	13.0	13.2	13.2	13.3	13.3	13.3	13.4	13.4
140	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.6	13.5	13.5	13.5	13.6	13.8	13.8	13.8	13.9	13.9	13.9	13.9
145	14.7	14.7	14.6	14.5	14.5	14.4	14.3	14.2	14.2	14.1	14.2	14.2	14.5	14.4	14.4	14.4	14.5	14.5	14.5
150	15.3	15.3	15.2	15.2	15.1	15.0	14.9	14.8	14.8	14.8	14.8	14.8	15.1	15.0	15.0	15.0	15.0	15.1	15.1
155	15.9	15.9	15.9	15.8	15.7	15.7	15.6	15.5	15.4	15.4	15.4	15.4	15.7	15.7	15.6	15.6	15.7	15.7	15.7
160	16.5	16.4	16.4	16.4	16.4	16.3	16.2	16.1	16.1	16.1	16.1	16.0	16.4	16.3	16.2	16.2	16.2	16.2	16.2
165	17.0	17.0	16.9	16.8	16.8	16.7	16.7	16.6	16.6	16.6	16.5	16.5	16.9	16.8	16.8	16.8	16.8	16.8	16.7
170	17.5	17.4	17.4	17.3	17.3	17.2	17.1	17.1	17.1	17.0	17.0	17.0	17.4	17.3	17.3	17.3	17.3	17.3	17.2
175	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.5	17.5	17.5	17.5	17.4	17.8	17.7	17.7	17.7	17.7	17.7	17.6
180	18.1	18.1	18.0	18.0	17.9	17.9	17.9	17.8	17.8	17.8	17.7	17.7	18.1	18.0	18.0	18.0	17.9	17.9	17.9

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.050m [K=1.0000]  
Remarks: 34W

# LUMINOUS DISTRIBUTION INTENSITY DATA

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

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1223	1221	1217	1215	1212														
5	1204	1202	1199	1200	1198														
10	1166	1171	1163	1170	1166														
15	1112	1118	1109	1119	1117														
20	1043	1048	1041	1052	1052														
25	959	964	958	970	972														
30	866	871	864	878	881														
35	766	770	766	779	783														
40	665	668	665	677	683														
45	563	567	563	576	582														
50	466	467	466	476	485														
55	370	371	371	380	389														
60	279	281	279	289	297														
65	195	196	195	204	211														
70	122	123	122	129	136														
75	65.0	65.5	65.7	70.4	75.4														
80	33.5	33.6	33.6	35.6	37.7														
85	15.1	15.2	15.2	16.9	18.7														
90	8.22	8.19	8.18	8.12	8.08														
95	8.59	8.56	8.54	8.48	8.43														
100	9.07	9.03	9.02	8.93	8.87														
105	9.63	9.59	9.56	9.47	9.39														
110	10.2	10.2	10.2	10.1	9.98														
115	10.9	10.8	10.8	10.7	10.6														
120	11.5	11.5	11.4	11.3	11.2														
125	12.2	12.1	12.1	12.0	11.9														
130	12.8	12.8	12.7	12.6	12.5														
135	13.4	13.3	13.3	13.2	13.0														
140	14.0	13.9	13.9	13.7	13.6														
145	14.5	14.5	14.5	14.3	14.2														
150	15.1	15.0	15.0	14.9	14.8														
155	15.6	15.6	15.6	15.5	15.3														
160	16.2	16.1	16.1	16.0	15.9														
165	16.7	16.7	16.6	16.6	16.5														
170	17.2	17.1	17.1	17.0	17.0														
175	17.6	17.6	17.5	17.5	17.4														
180	17.8	17.8	17.8	17.7	17.7														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-02-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.050m [K=1.0000]  
Remarks: 34W