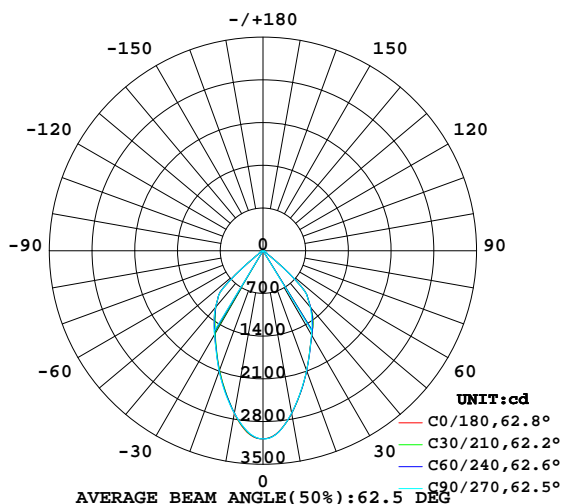


## LUMINAIRE PHOTOMETRIC TEST REPORT

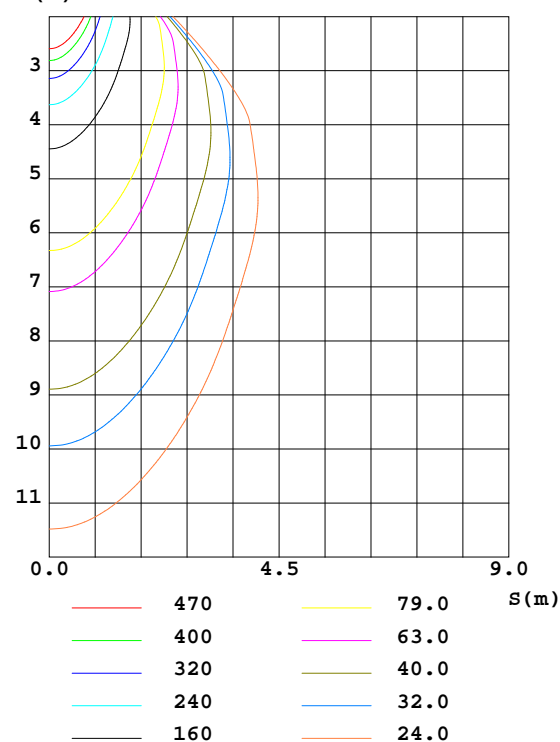
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.32 lm/W			
MODEL	BL061-40W-850-W-60	Imax(cd)	3084	S/MH(C0/180)	0.83
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.83
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3687.8	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	3687.76	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.7
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.5	CIBSE SHR MAX	0.95

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:2015-12-18

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	2706	2715	2701	2710	2709	2690	2705	2704	0- 10	275.2	275.2	7.46,7.46
20	2092	2103	2092	2093	2084	2072	2102	2079	10- 20	669.2	944.4	25.6,25.6
30	1599	1606	1590	1594	1587	1556	1593	1589	20- 30	836.2	1781	48.3,48.3
40	1216	1223	1204	1206	1213	1188	1213	1192	30- 40	876.6	2657	72.1,72.1
50	432.0	440.0	421.1	438.3	448.8	443.3	449.7	431.2	40- 50	719.8	3377	91.6,91.6
60	69.39	69.56	68.55	69.24	68.45	68.73	69.26	70.23	50- 60	119.0	3496	94.8,94.8
70	42.88	43.16	42.15	42.64	42.84	43.13	43.37	43.10	60- 70	55.07	3551	96.3,96.3
80	19.26	19.94	19.29	18.93	18.57	18.15	18.48	18.82	70- 80	31.96	3583	97.2,97.2
90	6.776	6.864	6.799	6.769	7.208	7.213	7.179	7.207	80- 90	13.30	3596	97.5,97.5
100	8.304	8.296	8.311	8.301	9.039	9.031	8.993	9.017	90-100	8.476	3605	97.8,97.8
110	10.40	10.39	10.42	10.41	11.26	11.26	11.20	11.23	100-110	10.26	3615	98,98
120	13.06	13.06	13.08	13.08	13.87	13.85	13.82	13.82	110-120	11.99	3627	98.4,98.4
130	16.15	16.15	16.17	16.18	16.86	16.82	16.79	16.78	120-130	13.39	3640	98.7,98.7
140	19.33	19.34	19.33	19.37	19.96	19.90	19.88	19.85	130-140	13.94	3654	99.1,99.1
150	21.77	21.82	21.80	21.84	22.15	22.07	22.08	22.05	140-150	13.09	3668	99.5,99.5
160	24.09	24.15	24.11	24.14	24.16	24.06	24.06	24.05	150-160	10.61	3678	99.7,99.7
170	26.11	26.18	26.12	26.15	26.24	26.12	26.14	26.09	160-170	7.094	3685	99.9,99.9
180	27.68	27.81	27.68	27.75	27.84	27.69	27.77	27.67	170-180	2.554	3688	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

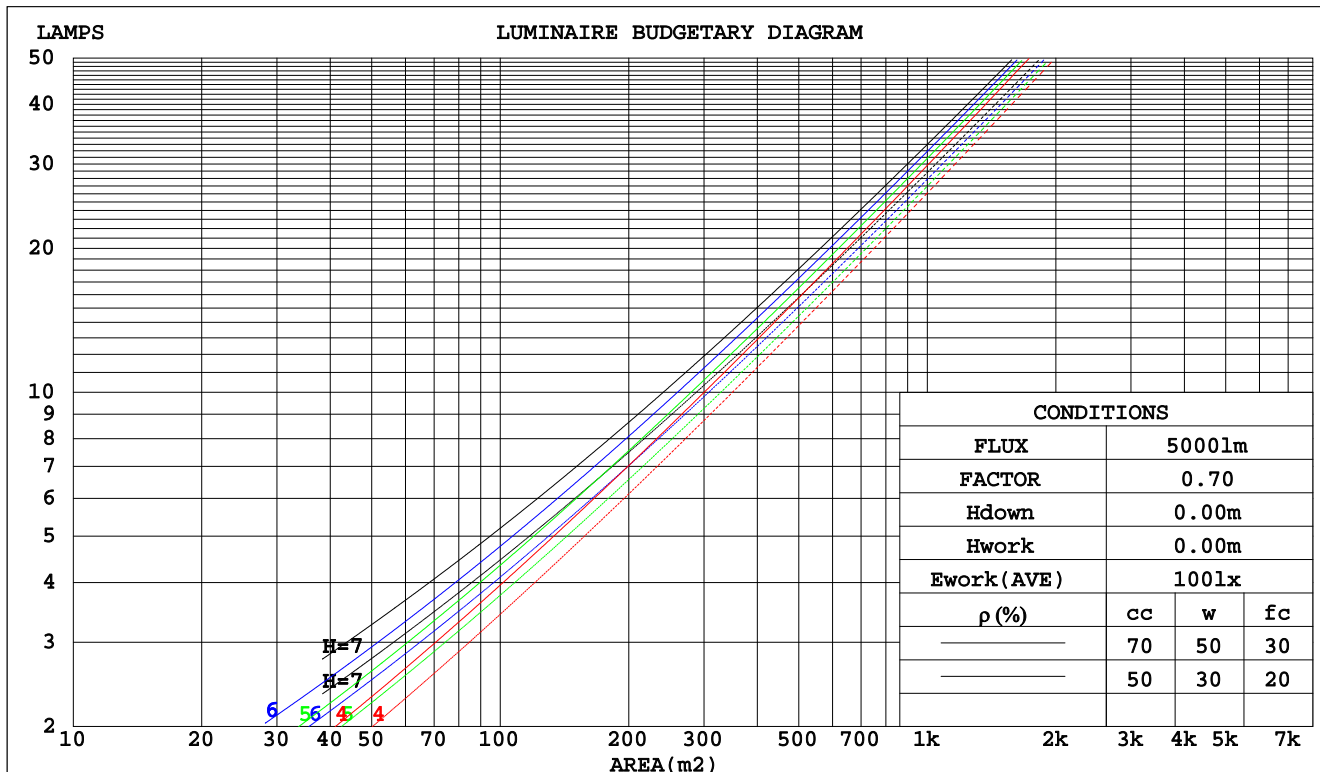
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-18

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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.08	1.05	1.03	1.06	1.03	1.01	1.01	.99	.97	.97	.96	.94	.93	.92	.91	.89
2.0	.99	.94	.90	.97	.93	.89	.93	.90	.87	.90	.87	.84	.87	.84	.82	.80
3.0	.91	.85	.80	.89	.84	.79	.86	.81	.78	.83	.79	.76	.80	.77	.74	.73
4.0	.83	.77	.72	.82	.76	.71	.79	.74	.70	.77	.72	.69	.75	.71	.68	.66
5.0	.76	.70	.64	.75	.69	.64	.73	.67	.63	.71	.66	.62	.69	.65	.62	.60
6.0	.71	.63	.58	.70	.63	.58	.68	.62	.58	.66	.61	.57	.64	.60	.56	.55
7.0	.65	.58	.53	.64	.58	.53	.63	.57	.53	.61	.56	.52	.60	.55	.52	.50
8.0	.61	.54	.49	.60	.53	.49	.58	.53	.48	.57	.52	.48	.56	.51	.48	.46
9.0	.56	.50	.45	.56	.49	.45	.55	.49	.45	.53	.48	.44	.52	.48	.44	.42
10.0	.53	.46	.42	.52	.46	.42	.51	.45	.41	.50	.45	.41	.49	.44	.41	.39



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-18

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	.211 .120 .038	.204 .116 .037	.190 .109 .035	.177 .102 .033	.165 .095 .031	
2.0	.204 .112 .034	.197 .109 .033	.185 .103 .032	.174 .097 .031	.163 .092 .029	
3.0	.194 .103 .031	.188 .101 .030	.178 .096 .029	.168 .092 .028	.159 .088 .027	
4.0	.185 .096 .028	.180 .094 .028	.170 .090 .027	.161 .087 .026	.153 .083 .025	
5.0	.175 .089 .026	.171 .088 .026	.162 .085 .025	.155 .082 .024	.148 .079 .024	
6.0	.166 .083 .024	.163 .082 .024	.155 .079 .023	.148 .077 .023	.142 .075 .022	
7.0	.158 .078 .022	.155 .077 .022	.148 .075 .022	.142 .073 .021	.136 .071 .021	
8.0	.151 .074 .021	.147 .073 .021	.141 .071 .020	.136 .069 .020	.130 .067 .019	
9.0	.143 .069 .019	.141 .069 .019	.135 .067 .019	.130 .065 .019	.125 .064 .018	
10.0	.137 .066 .018	.134 .065 .018	.129 .063 .018	.125 .062 .018	.120 .060 .017	

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	.179 .179 .179	.122 .122 .122	.070 .070 .070	.022 .022 .022	
1.0	.193 .176 .161	.165 .151 .139	.113 .104 .096	.065 .060 .056	.021 .019 .018	
2.0	.180 .152 .128	.154 .130 .111	.105 .090 .077	.061 .052 .045	.020 .017 .015	
3.0	.169 .133 .104	.145 .115 .090	.100 .080 .063	.057 .047 .037	.018 .015 .012	
4.0	.160 .119 .087	.138 .103 .076	.095 .072 .053	.055 .042 .032	.018 .014 .010	
5.0	.153 .108 .075	.131 .093 .065	.090 .065 .046	.052 .038 .027	.017 .012 .009	
6.0	.146 .099 .065	.125 .086 .057	.086 .060 .040	.050 .035 .024	.016 .012 .008	
7.0	.140 .092 .058	.120 .080 .051	.083 .056 .036	.048 .033 .021	.016 .011 .007	
8.0	.134 .086 .053	.115 .074 .046	.080 .052 .033	.046 .031 .019	.015 .010 .006	
9.0	.129 .081 .048	.111 .070 .042	.077 .049 .030	.045 .029 .018	.015 .010 .006	
10.0	.124 .077 .045	.107 .067 .039	.074 .047 .028	.043 .028 .017	.014 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-18

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					24.6	25.8	24.9	26.0	26.2	24.5	25.6	24.8	25.8	26.0
3H					24.5	25.6	24.8	25.8	26.1	24.4	25.4	24.7	25.7	25.9
4H					24.5	25.5	24.8	25.7	26.0	24.3	25.3	24.7	25.6	25.9
6H					24.5	25.4	24.8	25.7	26.0	24.3	25.2	24.6	25.5	25.8
8H					24.4	25.3	24.8	25.6	25.9	24.3	25.1	24.6	25.4	25.8
12H					24.4	25.2	24.8	25.6	25.9	24.3	25.1	24.6	25.4	25.7
4H 2H					24.4	25.4	24.7	25.6	25.9	24.2	25.2	24.6	25.5	25.8
3H					24.3	25.2	24.7	25.5	25.8	24.2	25.0	24.6	25.3	25.7
4H					24.3	25.1	24.7	25.4	25.8	24.2	24.9	24.6	25.3	25.6
6H					24.3	25.0	24.7	25.4	25.8	24.2	24.8	24.6	25.2	25.6
8H					24.3	24.9	24.8	25.3	25.8	24.2	24.8	24.6	25.2	25.6
12H					24.3	24.9	24.8	25.3	25.7	24.2	24.7	24.6	25.1	25.6
8H 4H					24.2	24.8	24.7	25.2	25.7	24.1	24.7	24.5	25.1	25.5
6H					24.3	24.8	24.7	25.2	25.7	24.1	24.6	24.6	25.0	25.5
8H					24.3	24.7	24.8	25.2	25.7	24.1	24.6	24.6	25.0	25.5
12H					24.3	24.7	24.8	25.2	25.7	24.2	24.5	24.7	25.0	25.6
12H 4H					24.2	24.7	24.6	25.2	25.6	24.0	24.6	24.5	25.0	25.5
6H					24.2	24.7	24.7	25.1	25.6	24.1	24.5	24.6	25.0	25.5
8H					24.3	24.6	24.8	25.1	25.7	24.1	24.5	24.6	25.0	25.5
Variations with the observer position at spacings:														
S = 1.0H					+ 2.3 / - 5.6					+ 2.4 / - 5.6				
1.5H					+ 2.3 / - 7.0					+ 2.3 / - 7.0				
2.0H					+ 6.2 / - 5.2					+ 6.3 / - 5.2				

CIE Pub.117 Corrected 3688 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-18

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:

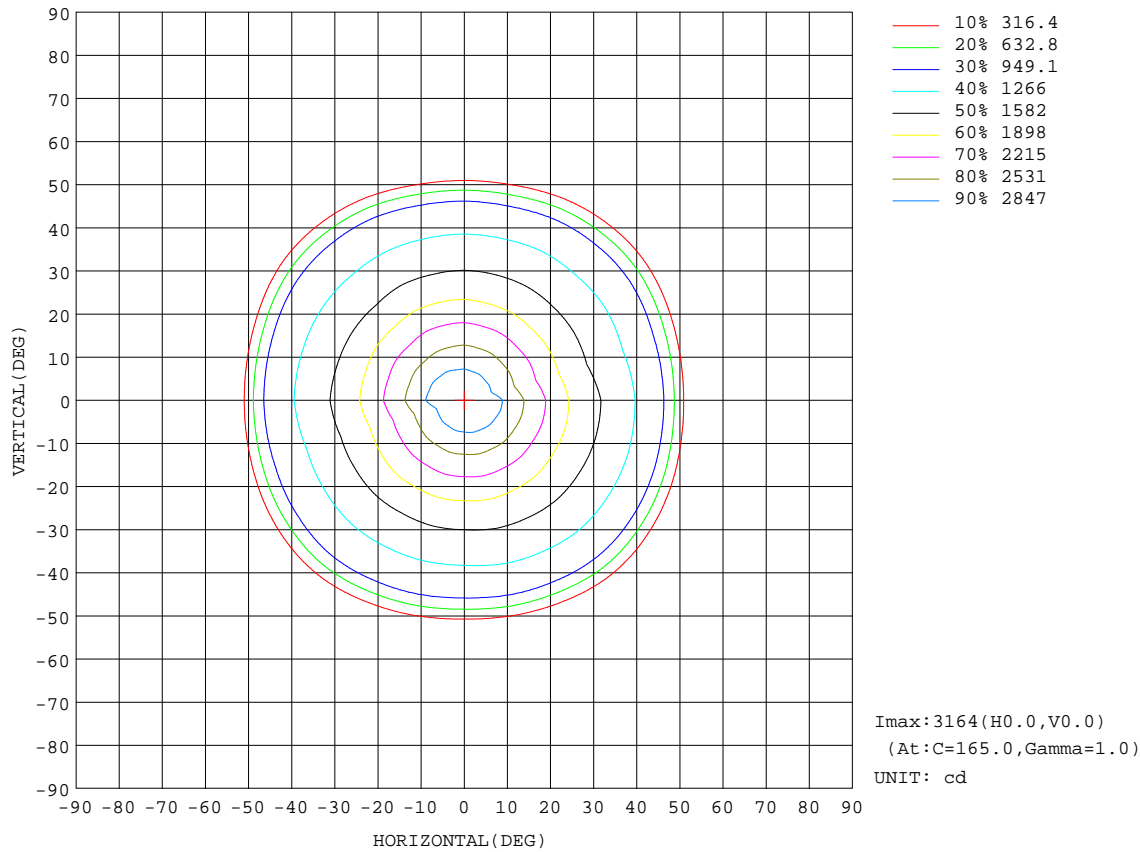
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	74	65	60	73	65	60	72	65	60	55
0.80	83	75	70	82	75	70	81	74	69	64
1.00	90	83	78	89	82	77	87	82	77	71
1.25	96	89	84	94	88	83	92	86	82	77
1.50	99	93	88	98	92	88	95	90	86	81
2.00	104	98	94	102	97	93	99	95	91	85
2.50	106	101	97	104	99	96	100	97	94	87
3.00	108	104	100	106	102	99	102	99	96	89
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	105	103	101	92
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: 2015-12-18

$\gamma$  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:

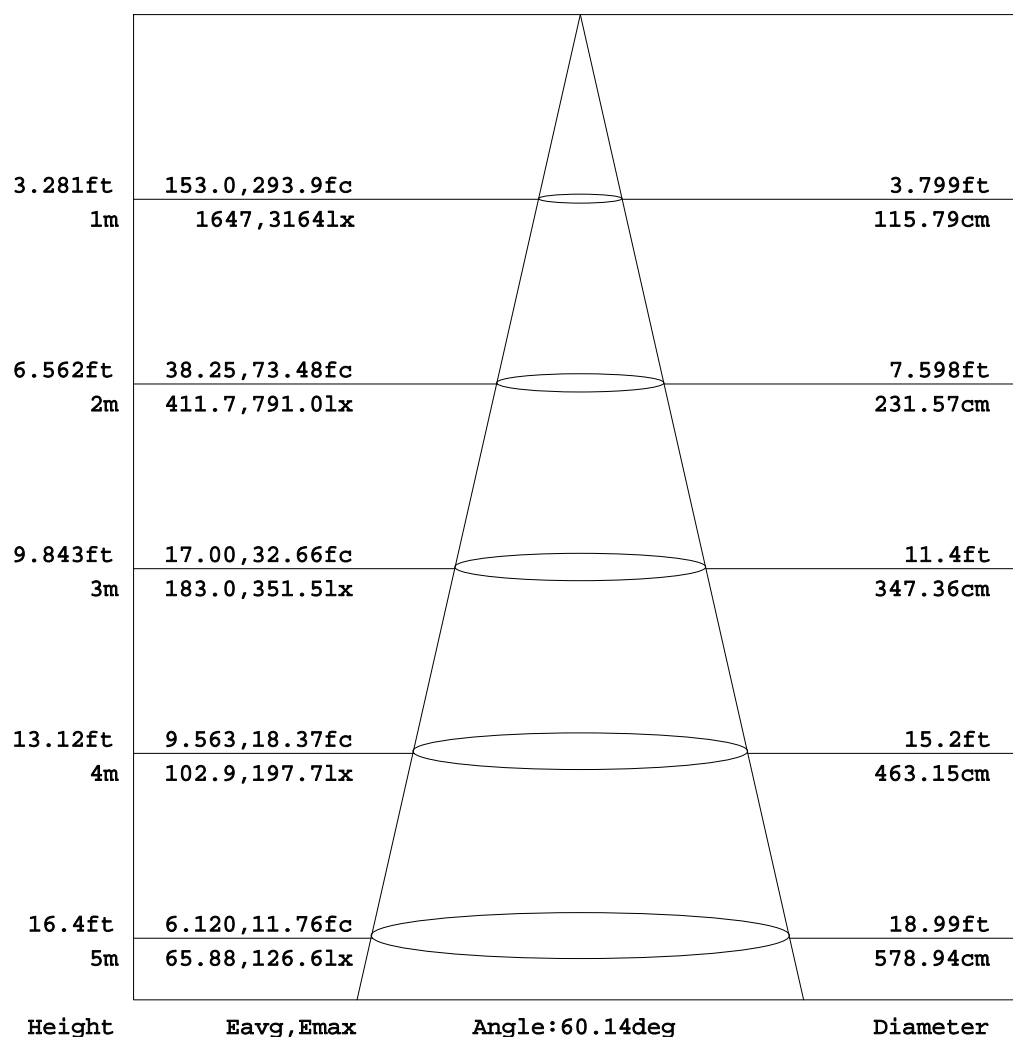


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature: 25.3DEG	Humidity: 65.0%
Operators: QiuMing	Test Distance: 5.920m [K=1.0000]
Test Date: 2015-12-18	Remarks:

### AAI Figure

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

Flux out:1868 lm



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

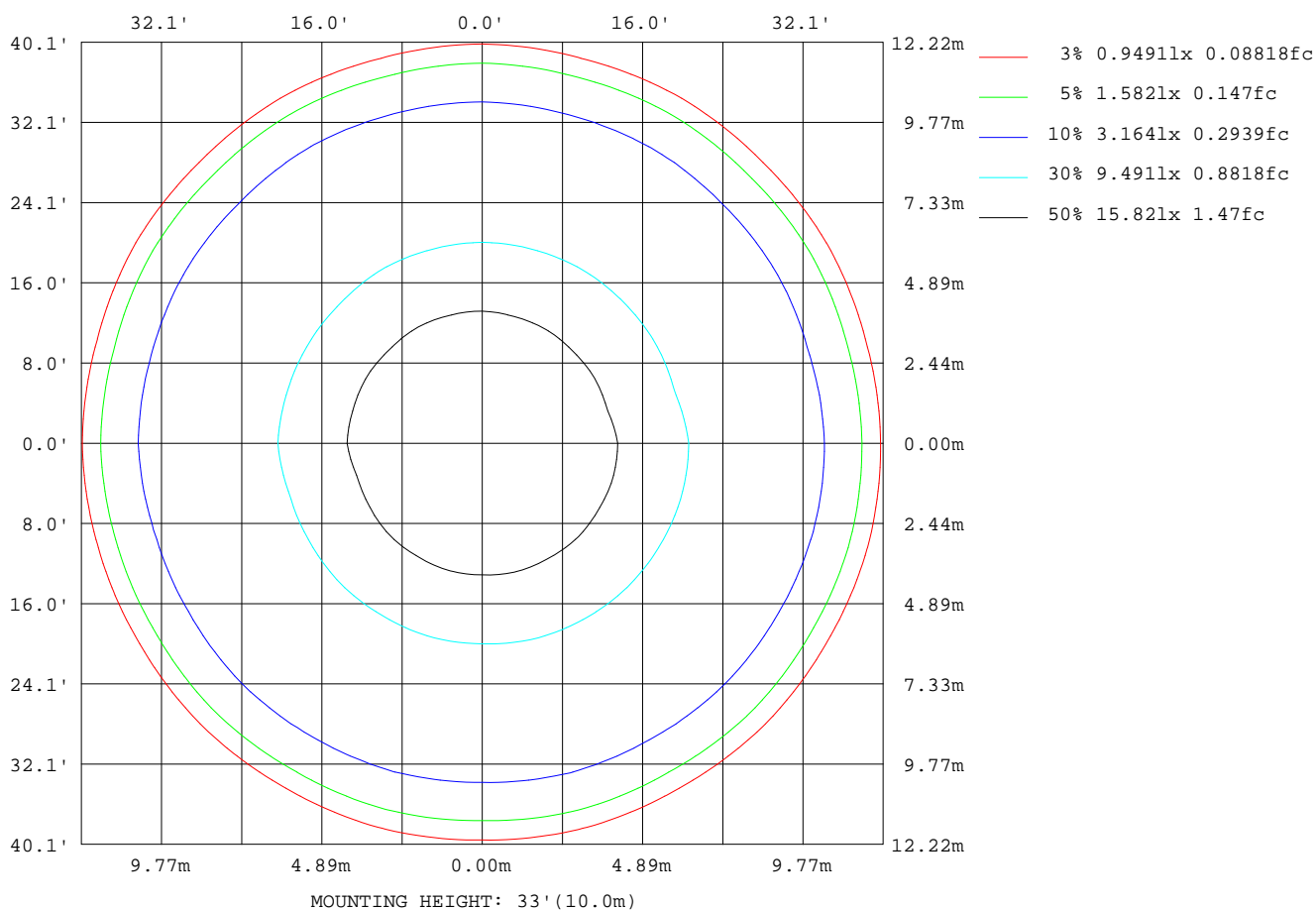
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-18

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

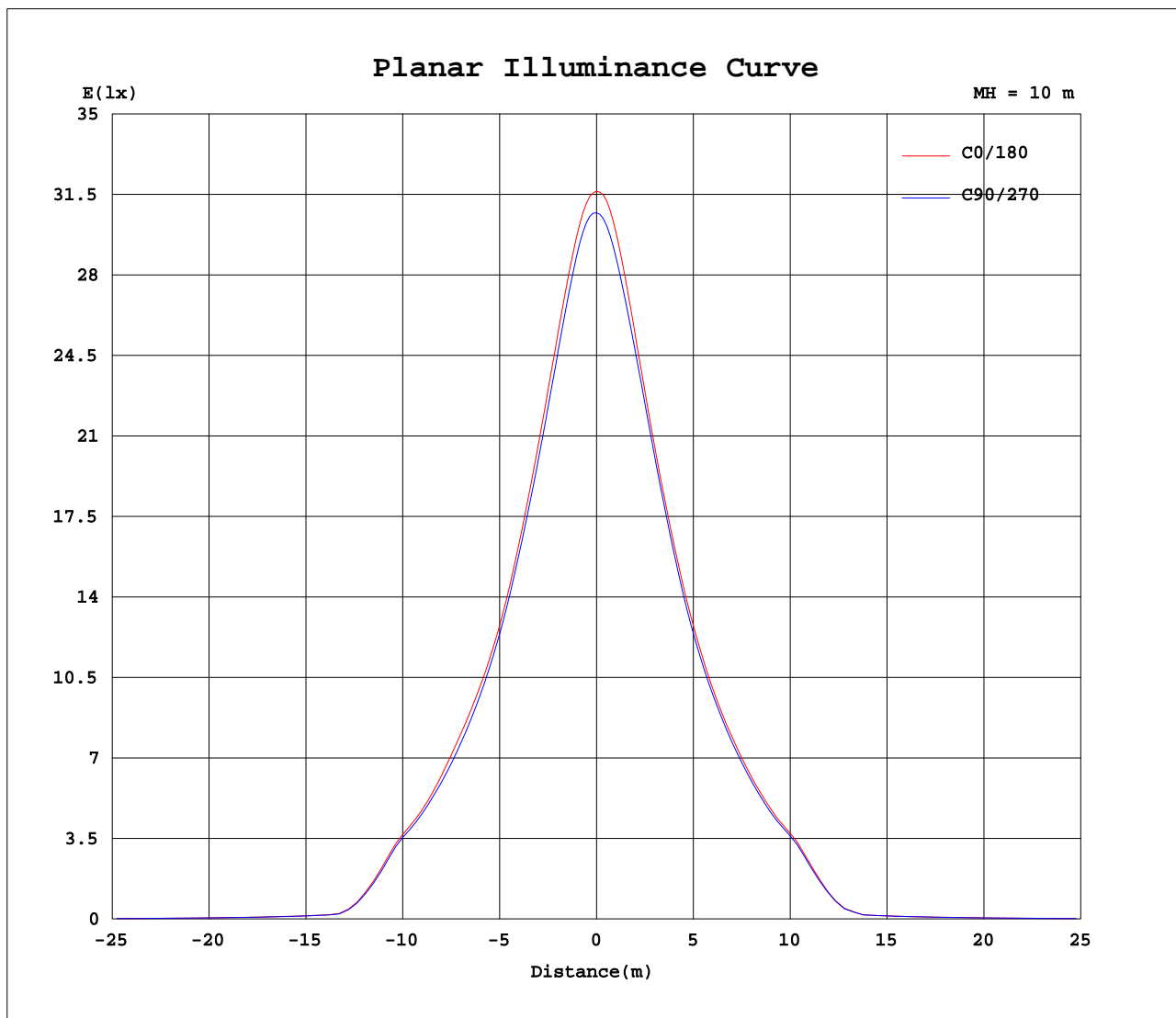
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-18

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: 2015-12-18

$\gamma$  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	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083	3083
5	2974	2982	2979	2985	2980	2987	2981	2987	2982	2990	2982	2988	2987	2975	2982	2968	2972	2961	2967
10	2706	2715	2708	2715	2705	2711	2701	2707	2699	2710	2702	2708	2709	2694	2702	2690	2701	2689	2705
15	2394	2403	2393	2403	2392	2401	2387	2394	2382	2391	2381	2390	2387	2370	2382	2370	2393	2393	2406
20	2092	2101	2092	2103	2094	2103	2092	2097	2086	2093	2082	2088	2084	2071	2084	2072	2097	2092	2102
25	1813	1819	1813	1825	1819	1828	1815	1822	1813	1826	1817	1821	1810	1797	1800	1789	1809	1809	1818
30	1599	1603	1601	1606	1600	1603	1590	1592	1585	1594	1590	1603	1587	1569	1563	1556	1581	1582	1593
35	1429	1438	1434	1433	1421	1417	1398	1402	1394	1402	1397	1407	1401	1374	1368	1370	1384	1391	1402
40	1216	1222	1217	1223	1217	1219	1204	1207	1203	1206	1203	1209	1213	1205	1201	1188	1204	1205	1213
45	1015	1013	1014	1017	1014	1017	1008	1013	1013	1018	1013	1020	1026	1022	1023	1018	1029	1026	1027
50	432	441	432	440	425	435	421	436	427	438	430	442	449	439	458	443	454	437	450
55	87.7	87.8	86.5	87.0	86.2	86.5	85.9	86.3	85.8	86.8	85.9	85.7	85.2	84.4	86.1	86.5	87.3	85.5	86.5
60	69.4	69.7	69.0	69.6	68.6	69.0	68.6	68.8	68.5	69.2	68.5	68.7	68.4	67.6	68.9	68.7	69.7	68.6	69.3
65	55.5	55.5	55.3	55.4	55.0	55.0	54.6	55.0	54.7	55.2	55.1	55.2	55.2	54.8	55.4	55.5	55.8	55.4	55.7
70	42.9	43.2	42.7	43.2	42.6	42.8	42.2	42.4	42.1	42.6	42.6	42.7	42.8	42.6	43.2	43.1	43.5	43.0	43.4
75	29.8	30.3	29.8	30.2	29.6	30.0	29.4	29.8	29.3	29.8	29.5	30.0	30.2	30.0	30.6	30.2	30.6	30.1	30.4
80	19.3	19.8	19.6	19.9	19.6	19.7	19.3	19.3	18.9	18.9	18.5	18.5	18.6	18.2	18.4	18.1	18.3	18.2	18.5
85	11.9	12.1	12.1	12.2	12.1	12.2	11.9	11.9	11.7	11.7	11.5	11.5	11.8	11.5	11.6	11.5	11.6	11.5	11.7
90	6.78	6.82	6.80	6.86	6.81	6.86	6.80	6.81	6.78	6.77	6.77	6.74	7.21	7.22	7.19	7.21	7.19	7.21	7.18
95	7.45	7.44	7.46	7.44	7.46	7.44	7.46	7.44	7.46	7.45	7.46	7.44	8.06	8.07	8.05	8.06	8.03	8.05	8.03
100	8.30	8.29	8.31	8.30	8.31	8.30	8.31	8.29	8.32	8.30	8.31	8.29	9.04	9.04	9.02	9.03	9.01	9.02	8.99
105	9.28	9.27	9.28	9.27	9.29	9.27	9.30	9.28	9.31	9.29	9.31	9.28	10.1	10.1	10.1	10.1	10.1	10.1	10.1
110	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	11.3	11.3	11.2	11.3	11.2	11.2	11.2
115	11.7	11.6	11.7	11.6	11.7	11.6	11.7	11.6	11.7	11.7	11.7	11.7	12.5	12.5	12.5	12.5	12.5	12.5	12.5
120	13.1	13.1	13.1	13.1	13.1	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.9	13.9	13.9	13.9	13.8	13.8	13.8
125	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	15.3	15.3	15.3	15.3	15.3	15.3	15.3
130	16.1	16.2	16.2	16.2	16.2	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.9	16.8	16.8	16.8	16.8	16.8	16.8
135	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8	18.4	18.4	18.4	18.4	18.4	18.4	18.4
140	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.4	20.0	19.9	19.9	19.9	19.9	19.9	19.9
145	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.8	21.2	21.2	21.2	21.2	21.2	21.1	21.2
150	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	22.2	22.1	22.1	22.1	22.1	22.1	22.1
155	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.0	23.0	23.0	23.0	23.0	23.0
160	24.1	24.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.2	24.1	24.1	24.1	24.1	24.0	24.1
165	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.1	25.2	25.1	25.1	25.1	25.1
170	26.1	26.2	26.1	26.2	26.1	26.2	26.1	26.1	26.1	26.2	26.1	26.1	26.2	26.1	26.2	26.1	26.2	26.1	26.1
175	27.0	27.1	27.0	27.1	27.0	27.1	27.0	27.1	27.0	27.1	27.0	27.1	27.2	27.1	27.2	27.1	27.1	27.0	27.1
180	27.7	27.8	27.7	27.8	27.7	27.8	27.7	27.7	27.7	27.7	27.7	27.7	27.8	27.7	27.8	27.7	27.8	27.7	27.8

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-18

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	3083	3083	3083	3083	3083														
5	2959	2969	2965	2975	2970														
10	2699	2713	2704	2713	2705														
15	2392	2404	2390	2403	2392														
20	2086	2092	2079	2097	2090														
25	1805	1806	1794	1807	1810														
30	1589	1593	1589	1594	1594														
35	1406	1419	1418	1429	1422														
40	1206	1208	1192	1211	1211														
45	1016	1019	1016	1021	1019														
50	431	443	431	445	434														
55	86.6	88.4	88.3	88.8	87.7														
60	69.1	70.3	70.2	70.5	69.5														
65	55.5	55.8	55.9	55.9	55.2														
70	43.0	43.3	43.1	43.4	42.9														
75	30.0	30.3	30.0	30.3	29.9														
80	18.5	18.8	18.8	19.2	19.2														
85	11.6	11.8	11.8	12.0	12.1														
90	7.20	7.17	7.21	7.19	7.22														
95	8.04	8.02	8.04	8.02	8.05														
100	9.01	8.99	9.02	8.99	9.03														
105	10.1	10.0	10.1	10.1	10.1														
110	11.2	11.2	11.2	11.2	11.2														
115	12.5	12.5	12.5	12.4	12.5														
120	13.8	13.8	13.8	13.8	13.8														
125	15.3	15.3	15.3	15.2	15.3														
130	16.8	16.8	16.8	16.8	16.8														
135	18.3	18.3	18.3	18.3	18.3														
140	19.9	19.9	19.8	19.8	19.9														
145	21.1	21.1	21.1	21.1	21.1														
150	22.0	22.1	22.1	22.1	22.0														
155	23.0	23.0	23.0	23.0	23.0														
160	24.0	24.1	24.0	24.0	24.0														
165	25.0	25.1	25.1	25.1	25.1														
170	26.1	26.1	26.1	26.1	26.1														
175	27.0	27.1	27.0	27.1	27.1														
180	27.7	27.7	27.7	27.7	27.7														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-18

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: