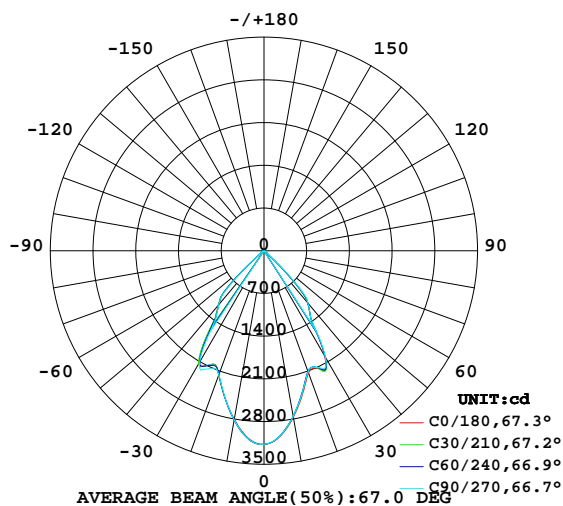


LUMINAIRE PHOTOMETRIC TEST REPORT

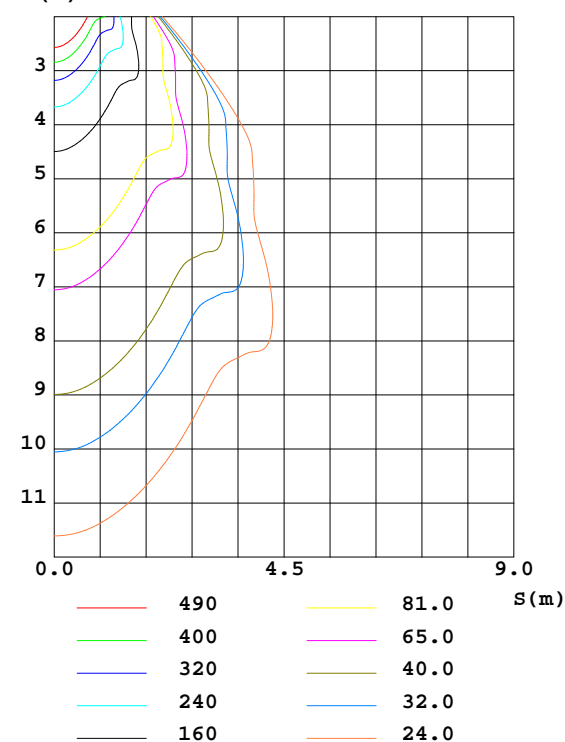
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.89 lm/W			
MODEL	BL07-40W-840-W-60	Imax(cd)	3174	S/MH(C0/180)	0.94
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.91
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3553.7	η UP,DN(C0-180)	1.3,47.9
NOMINAL FLUX(lm)	3553.72	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.4
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	1.05

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:2015-10-27

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	2771	2766	2755	2782	2804	2805	2816	2787	0- 10	283.3	283.3	7.97,7.97
20	2132	2114	2112	2136	2171	2150	2162	2139	10- 20	686.2	969.6	27.3,27.3
30	1988	2036	2010	2068	2137	2116	2111	2024	20- 30	977.3	1947	54.8,54.8
40	1119	1122	1120	1126	1167	1150	1151	1117	30- 40	923.4	2870	80.8,80.8
50	78.08	82.97	87.20	98.17	142.5	97.78	97.48	81.28	40- 50	489.3	3360	94.5,94.5
60	35.55	37.08	39.65	41.51	43.06	42.36	40.72	36.41	50- 60	55.11	3415	96.1,96.1
70	10.71	11.03	11.77	13.42	14.83	14.65	13.57	12.03	60- 70	24.64	3439	96.8,96.8
80	8.757	8.690	8.667	8.726	9.331	9.512	9.357	9.109	70- 80	10.10	3449	97.1,97.1
90	6.595	6.542	6.463	7.946	9.395	9.442	8.660	6.951	80- 90	9.807	3459	97.3,97.3
100	8.103	8.062	8.032	7.805	8.343	8.377	8.478	8.662	90-100	8.060	3467	97.6,97.6
110	10.38	10.36	10.58	10.46	11.06	11.14	11.20	11.13	100-110	10.03	3477	97.8,97.8
120	13.11	13.18	13.35	13.16	13.68	13.86	14.00	13.93	110-120	12.02	3489	98.2,98.2
130	16.53	16.69	16.90	16.54	16.81	17.08	17.36	17.33	120-130	13.57	3503	98.6,98.6
140	20.46	20.67	20.85	20.33	20.07	20.39	20.92	21.03	130-140	14.46	3517	99.99
150	24.26	24.42	24.31	23.49	22.74	23.09	23.94	24.43	140-150	13.97	3531	99.4,99.4
160	27.16	27.70	27.01	25.89	24.78	25.12	26.28	27.26	150-160	11.58	3543	99.7,99.7
170	33.86	33.44	30.87	28.68	27.69	27.62	29.23	31.84	160-170	7.963	3551	99.9,99.9
180	30.52	29.56	28.64	29.08	30.67	29.49	28.70	29.03	170-180	2.887	3554	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

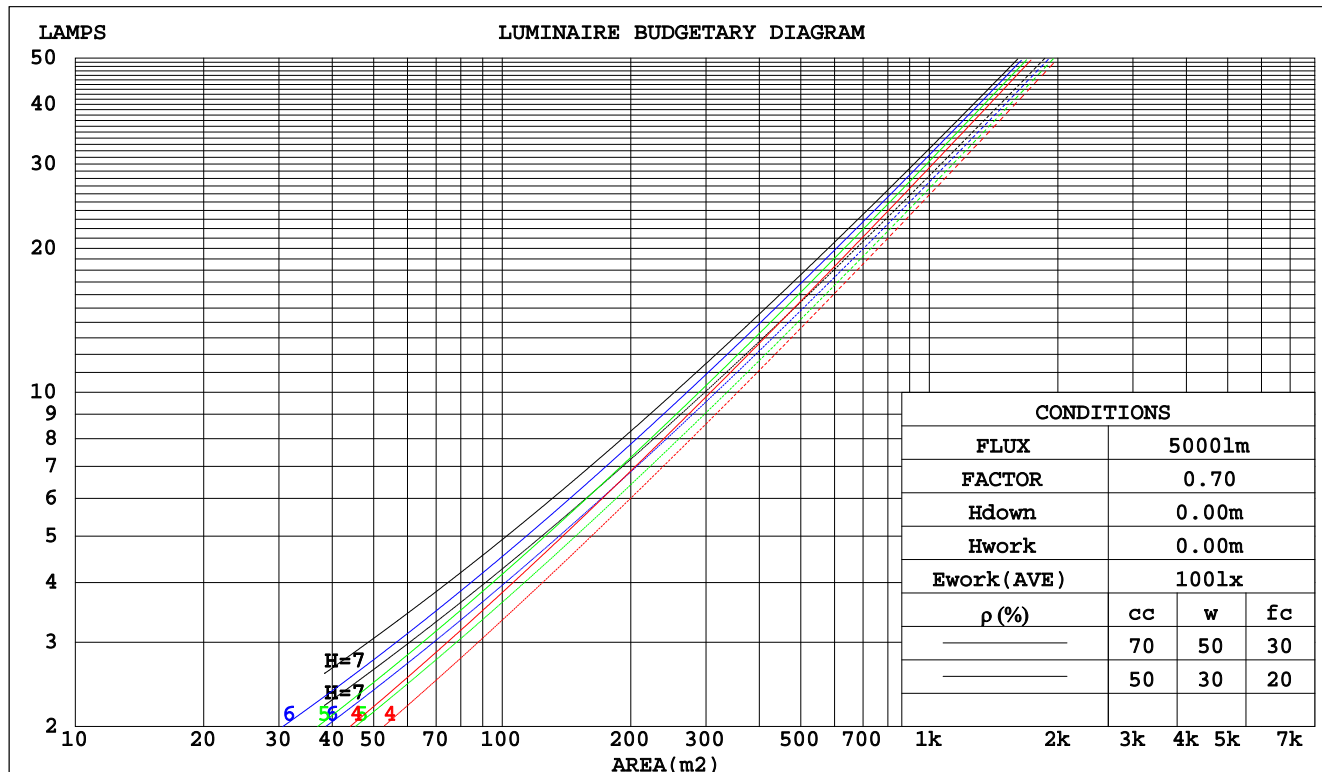
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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	1.04	1.04	1.04	.00	.00	.00	.97														
1.0	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90														
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.88	.91	.88	.86	.88	.86	.84	.82														
3.0	.92	.87	.82	.91	.86	.82	.88	.83	.80	.85	.81	.78	.82	.79	.77	.75														
4.0	.85	.79	.74	.84	.78	.74	.81	.77	.73	.79	.75	.71	.77	.73	.70	.69														
5.0	.79	.72	.68	.78	.72	.67	.76	.70	.66	.74	.69	.65	.72	.68	.65	.63														
6.0	.73	.67	.62	.72	.66	.61	.70	.65	.61	.69	.64	.60	.67	.63	.59	.58														
7.0	.68	.61	.57	.67	.61	.56	.66	.60	.56	.64	.59	.55	.63	.58	.55	.53														
8.0	.63	.57	.52	.63	.56	.52	.61	.56	.52	.60	.55	.51	.59	.54	.51	.49														
9.0	.59	.53	.48	.59	.52	.48	.57	.52	.48	.56	.51	.48	.55	.51	.47	.46														
10.0	.55	.49	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.52	.47	.44	.43														



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-10-27

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	.198 .113 .036	.191 .109 .035	.177 .101 .032	.164 .094 .030	.152 .088 .028	
2.0	.191 .105 .032	.184 .102 .031	.172 .096 .030	.161 .090 .028	.151 .085 .027	
3.0	.182 .097 .029	.177 .095 .028	.166 .090 .027	.156 .086 .026	.147 .081 .025	
4.0	.174 .090 .027	.169 .088 .026	.159 .085 .025	.151 .081 .024	.143 .078 .024	
5.0	.166 .084 .024	.161 .083 .024	.153 .080 .023	.145 .077 .023	.138 .074 .022	
6.0	.158 .079 .023	.154 .078 .022	.147 .075 .022	.140 .073 .021	.133 .070 .021	
7.0	.151 .074 .021	.147 .073 .021	.140 .071 .020	.134 .069 .020	.128 .067 .020	
8.0	.144 .070 .020	.141 .069 .020	.135 .067 .019	.129 .065 .019	.124 .064 .019	
9.0	.137 .066 .019	.134 .066 .018	.129 .064 .018	.124 .062 .018	.119 .061 .017	
10.0	.131 .063 .017	.129 .062 .017	.124 .061 .017	.119 .059 .017	.115 .058 .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	.211 .211 .211	.180 .180 .180	.123 .123 .123	.071 .071 .071	.023 .023 .023	
1.0	.193 .178 .164	.165 .152 .141	.113 .105 .097	.065 .061 .057	.021 .020 .018	
2.0	.179 .153 .131	.154 .132 .113	.105 .091 .079	.061 .053 .046	.019 .017 .015	
3.0	.168 .134 .107	.144 .116 .093	.099 .081 .065	.057 .047 .038	.018 .015 .013	
4.0	.159 .120 .090	.136 .104 .078	.094 .072 .055	.054 .042 .033	.017 .014 .011	
5.0	.151 .109 .078	.130 .094 .068	.089 .066 .048	.052 .039 .028	.017 .013 .009	
6.0	.144 .100 .068	.124 .087 .059	.086 .061 .042	.050 .036 .025	.016 .012 .008	
7.0	.138 .093 .061	.119 .080 .053	.082 .056 .038	.048 .033 .022	.015 .011 .007	
8.0	.133 .087 .055	.114 .075 .048	.079 .053 .034	.046 .031 .020	.015 .010 .007	
9.0	.128 .082 .051	.110 .071 .044	.076 .050 .031	.044 .029 .019	.014 .010 .006	
10.0	.123 .077 .047	.106 .067 .041	.074 .047 .029	.043 .028 .017	.014 .009 .006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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					22.2	23.3	22.5	23.5	23.7	22.3	23.3	22.6	23.6	23.8
3H					22.0	23.0	22.3	23.3	23.5	22.1	23.1	22.4	23.3	23.6
4H					22.0	22.9	22.3	23.1	23.4	22.0	22.9	22.4	23.2	23.5
6H					21.9	22.7	22.2	23.0	23.3	21.9	22.8	22.3	23.1	23.4
8H					21.8	22.6	22.2	23.0	23.3	21.9	22.7	22.3	23.0	23.3
12H					21.8	22.6	22.2	22.9	23.2	21.9	22.7	22.2	23.0	23.3
4H 2H					21.9	22.9	22.3	23.1	23.4	22.0	22.9	22.3	23.2	23.5
3H					21.8	22.5	22.1	22.9	23.2	21.8	22.6	22.2	22.9	23.3
4H					21.7	22.4	22.1	22.7	23.1	21.8	22.5	22.2	22.8	23.2
6H					21.6	22.2	22.0	22.6	23.0	21.7	22.3	22.1	22.7	23.1
8H					21.6	22.2	22.0	22.6	23.0	21.7	22.2	22.1	22.6	23.1
12H					21.6	22.1	22.0	22.5	23.0	21.6	22.2	22.1	22.6	23.0
8H 4H					21.5	22.1	22.0	22.5	22.9	21.6	22.2	22.1	22.6	23.0
6H					21.5	21.9	22.0	22.4	22.9	21.6	22.0	22.0	22.5	22.9
8H					21.5	21.9	22.0	22.3	22.8	21.5	21.9	22.0	22.4	22.9
12H					21.5	21.8	22.0	22.3	22.9	21.6	21.9	22.1	22.4	22.9
12H 4H					21.5	22.0	21.9	22.4	22.9	21.6	22.1	22.0	22.5	23.0
6H					21.4	21.8	21.9	22.3	22.8	21.5	21.9	22.0	22.4	22.9
8H					21.4	21.8	21.9	22.3	22.8	21.5	21.9	22.0	22.3	22.9
Variations with the observer position at spacings:														
S = 1.0H					+ 3.1 / - 9.7					+ 3.2 / - 9.5				
1.5H					+ 4.1 / - 9.2					+ 3.9 / - 9.1				
2.0H					+ 7.9 / - 4.7					+ 8.0 / - 5.3				

CIE Pub.117 Corrected 3554 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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:

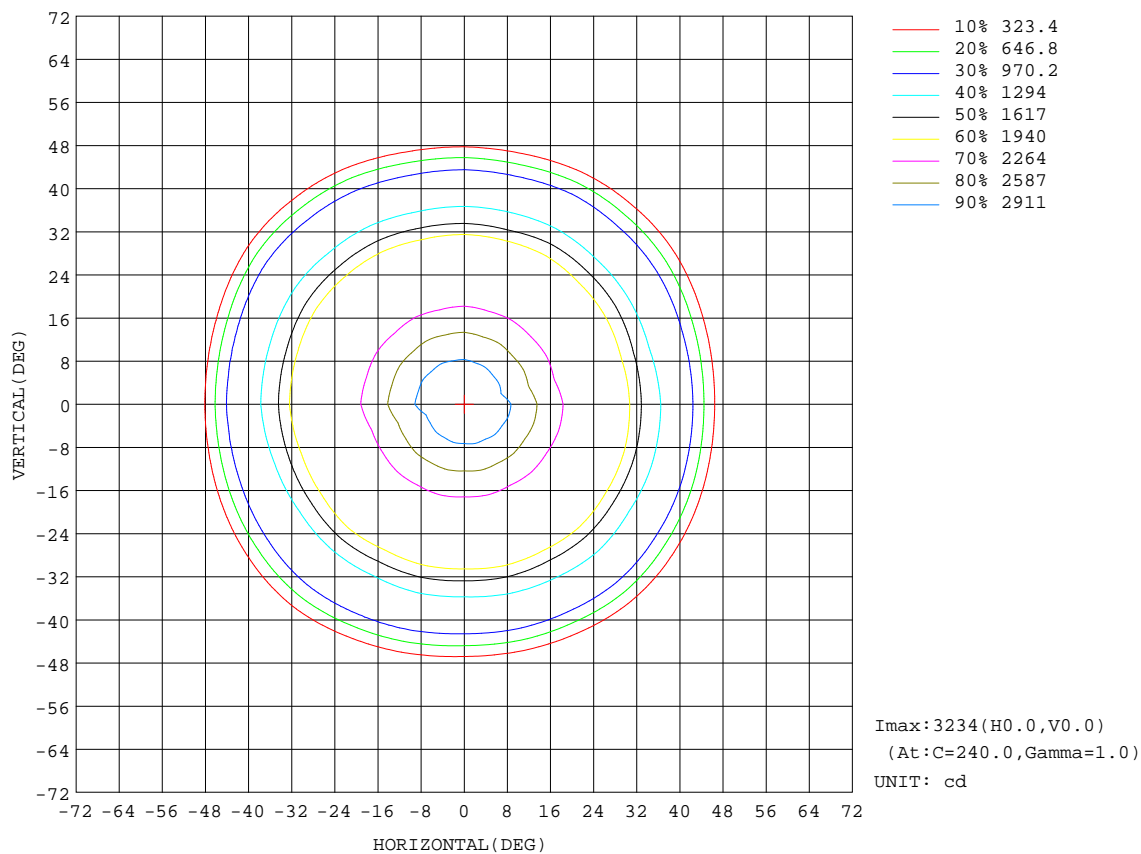
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	79	72	67	79	72	67	78	71	67	63
0.80	88	81	76	87	80	76	86	80	76	71
1.00	94	87	83	93	87	82	91	86	82	77
1.25	99	93	88	97	92	88	95	90	87	82
1.50	102	96	92	100	95	92	98	94	90	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	98	102	99	96	89
3.00	109	105	102	107	104	101	103	101	98	91
4.00	112	108	106	109	106	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
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: 2015-10-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:



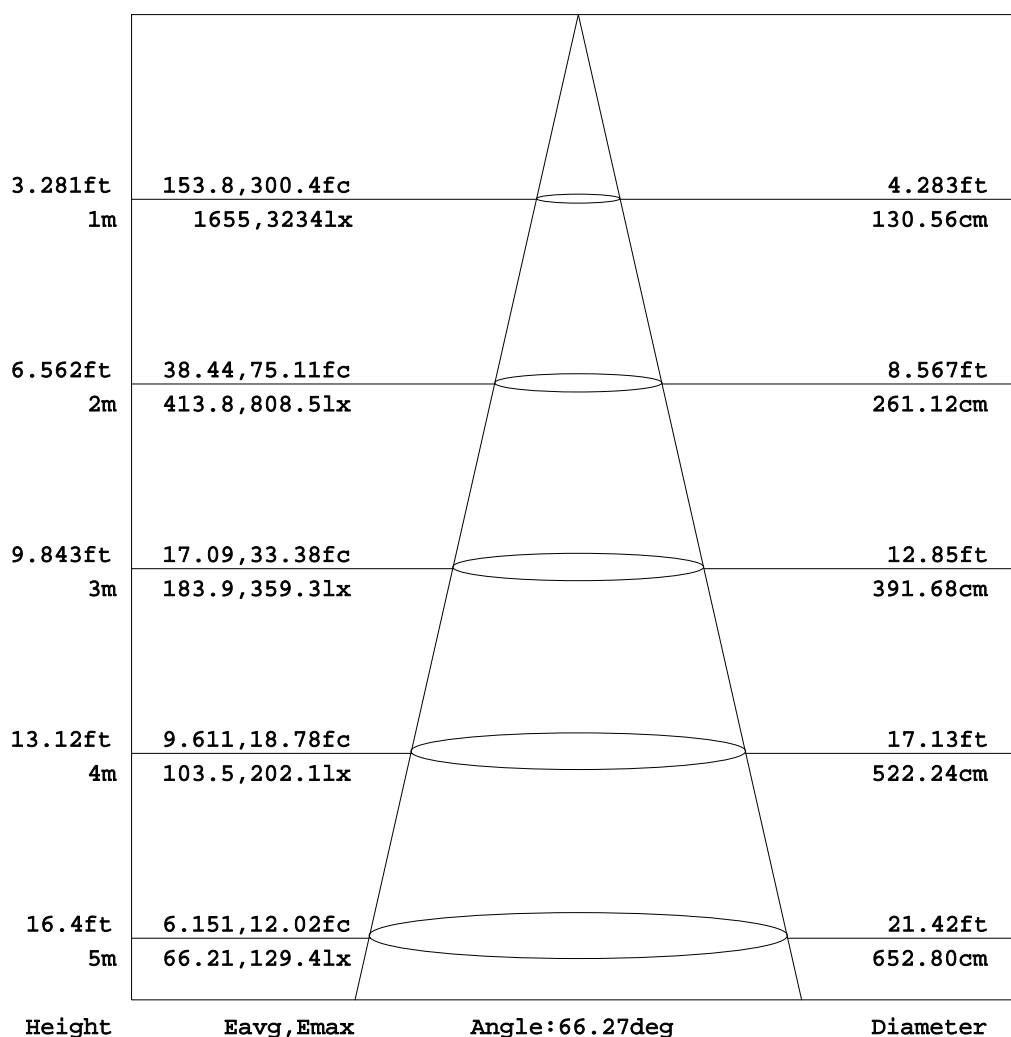
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-10-27

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:2366 lm



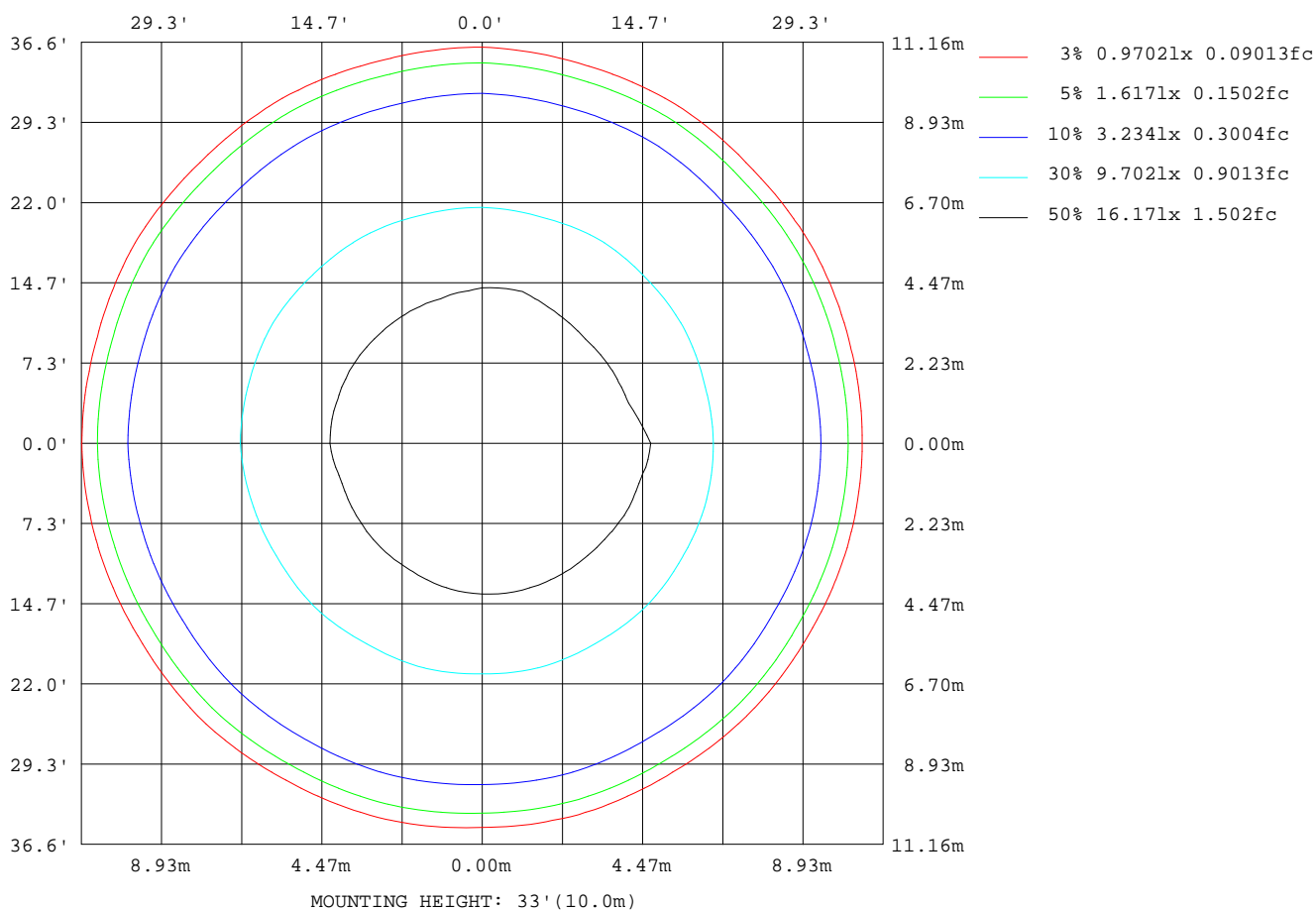
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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

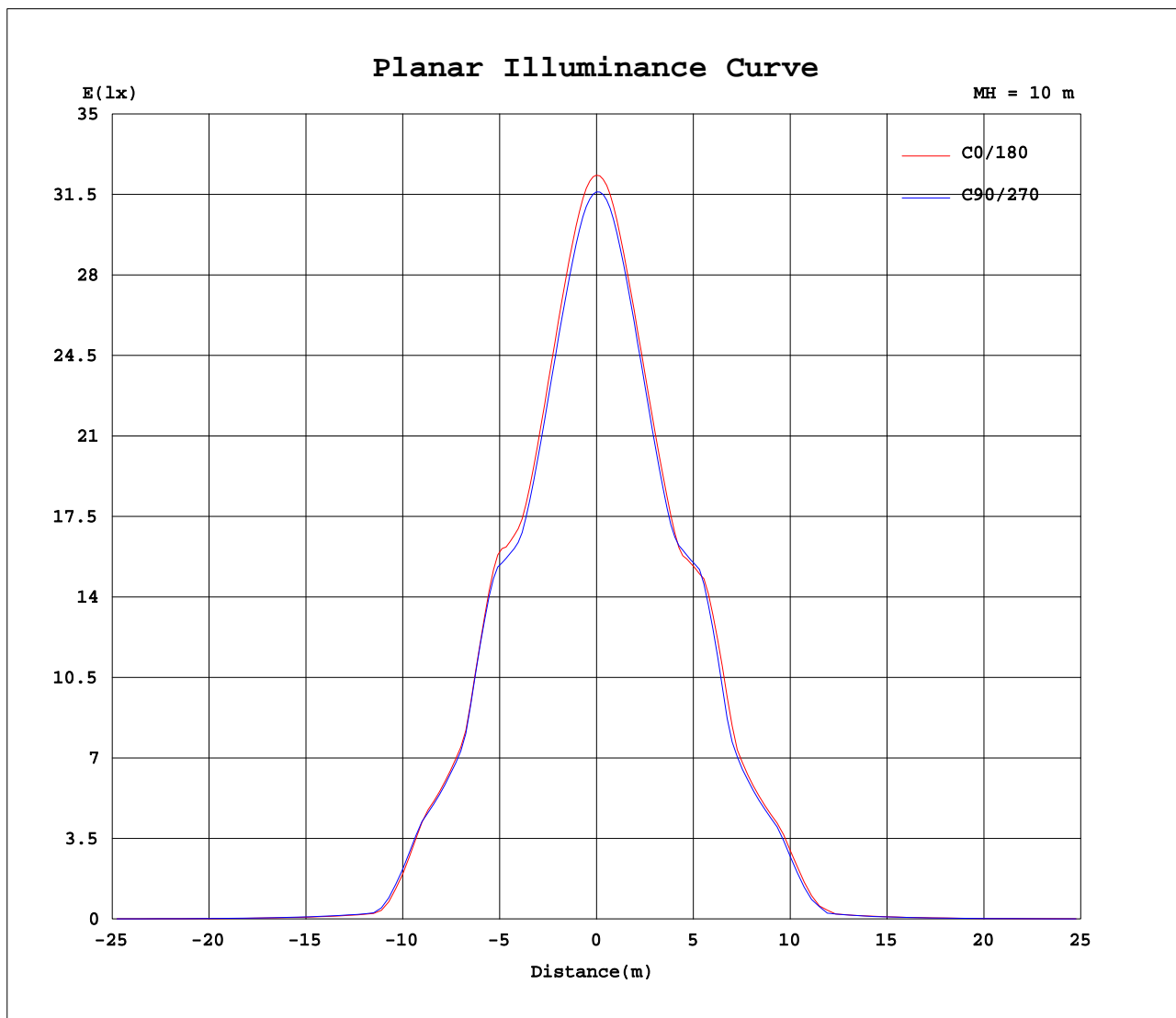
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-10-27

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: 2015-10-27

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--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	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172	3172
5	3052	3055	3045	3049	3040	3046	3042	3051	3045	3058	3056	3070	3075	3071	3085	3080	3089	3080	3088
10	2771	2775	2760	2766	2754	2761	2755	2770	2765	2782	2783	2797	2804	2797	2815	2805	2820	2806	2816
15	2435	2436	2417	2422	2411	2423	2416	2438	2435	2458	2457	2477	2486	2472	2488	2474	2490	2470	2484
20	2132	2130	2113	2114	2101	2111	2112	2124	2117	2136	2139	2161	2171	2159	2170	2150	2161	2147	2162
25	2132	2119	2136	2123	2118	2108	2115	2101	2094	2084	2072	2063	2062	2054	2051	2064	2075	2104	2132
30	1988	2018	2006	2036	2007	2031	2010	2028	2010	2068	2059	2098	2137	2134	2142	2116	2108	2091	2111
35	1335	1335	1324	1336	1335	1340	1333	1343	1330	1355	1372	1460	1500	1474	1494	1445	1454	1412	1405
40	1119	1117	1111	1122	1116	1126	1120	1122	1115	1126	1137	1157	1167	1162	1167	1150	1151	1143	1151
45	544	545	523	558	554	608	615	671	690	743	753	803	828	817	837	801	806	769	772
50	78.1	79.3	80.6	83.0	84.3	86.8	87.2	89.2	91.8	98.2	99.3	134	142	103	146	97.8	136	94.5	97.5
55	54.2	54.7	55.7	57.9	59.8	62.7	62.8	63.7	63.4	65.0	64.9	64.3	63.6	62.7	63.2	62.0	62.1	61.0	60.9
60	35.5	35.8	35.8	37.1	37.6	39.6	39.7	40.3	40.2	41.5	41.5	42.6	43.1	42.8	43.5	42.4	42.4	41.1	40.7
65	21.7	22.0	21.6	22.5	22.6	23.9	23.9	24.6	24.6	25.5	25.7	26.8	27.3	27.1	27.8	26.7	26.8	25.7	25.6
70	10.7	10.9	10.5	11.0	11.0	11.8	11.8	12.5	12.6	13.4	13.7	14.3	14.8	14.9	15.4	14.6	14.5	13.9	13.6
75	8.84	8.82	8.78	8.79	8.78	8.78	8.78	8.80	8.83	8.89	9.01	9.18	9.46	9.60	9.66	9.65	9.64	9.54	9.44
80	8.76	8.72	8.72	8.69	8.67	8.67	8.67	8.66	8.67	8.73	8.84	8.97	9.33	9.45	9.51	9.51	9.48	9.42	9.36
85	8.87	8.84	8.84	8.80	8.77	8.73	8.70	8.66	8.67	8.71	8.80	8.92	9.38	9.50	9.57	9.60	9.58	9.55	9.48
90	6.59	6.57	6.58	6.54	6.54	6.47	6.46	6.38	6.50	7.95	8.17	8.61	9.39	9.45	9.65	9.44	9.48	8.97	8.66
95	7.25	7.24	7.25	7.20	7.19	7.12	7.11	7.03	6.99	6.92	6.89	6.83	7.38	7.40	7.36	7.40	7.39	7.47	7.49
100	8.10	8.09	8.11	8.06	8.05	7.99	8.03	7.94	7.91	7.81	7.78	7.71	8.34	8.38	8.32	8.38	8.37	8.44	8.48
105	9.18	9.18	9.19	9.14	9.18	9.12	9.34	9.27	9.25	9.13	9.09	8.98	9.67	9.73	9.69	9.76	9.76	9.84	9.83
110	10.4	10.4	10.4	10.4	10.5	10.4	10.6	10.6	10.6	10.5	10.4	10.3	11.1	11.1	11.1	11.1	11.2	11.2	11.2
115	11.7	11.7	11.7	11.7	11.8	11.7	11.9	11.9	11.9	11.7	11.7	11.5	12.3	12.4	12.4	12.5	12.5	12.6	12.6
120	13.1	13.1	13.1	13.2	13.3	13.2	13.3	13.3	13.3	13.2	13.1	12.9	13.7	13.7	13.7	13.9	13.9	14.0	14.0
125	14.7	14.7	14.7	14.8	14.9	14.9	15.0	14.9	14.9	14.8	14.7	14.5	15.2	15.2	15.2	15.4	15.5	15.6	15.6
130	16.5	16.5	16.6	16.7	16.8	16.8	16.9	16.7	16.7	16.5	16.5	16.2	16.8	16.8	16.9	17.1	17.2	17.3	17.4
135	18.4	18.4	18.5	18.6	18.7	18.8	18.9	18.7	18.6	18.4	18.3	18.0	18.4	18.4	18.5	18.7	19.0	19.1	19.1
140	20.5	20.5	20.5	20.7	20.7	20.8	20.9	20.7	20.5	20.3	20.2	19.9	20.1	20.1	20.2	20.4	20.7	20.8	20.9
145	22.5	22.6	22.6	22.6	22.7	22.8	22.7	22.5	22.3	22.1	21.9	21.6	21.6	21.6	21.7	21.9	22.2	22.5	22.6
150	24.3	24.3	24.4	24.4	24.5	24.5	24.3	24.0	23.8	23.5	23.2	22.9	22.7	22.7	22.8	23.1	23.4	23.7	23.9
155	25.8	25.7	25.9	26.1	26.1	25.9	25.6	25.3	24.9	24.6	24.3	24.0	23.7	23.7	23.8	24.0	24.4	24.7	25.0
160	27.2	27.4	27.6	27.7	27.6	27.3	27.0	26.6	26.2	25.9	25.6	25.2	24.8	24.7	24.9	25.1	25.6	25.9	26.3
165	29.8	30.0	30.0	29.8	29.6	29.2	28.8	28.3	27.8	27.4	27.1	26.7	26.2	26.1	26.1	26.5	27.0	27.4	27.8
170	33.9	34.0	33.8	33.4	32.8	31.8	30.9	30.0	29.3	28.7	28.2	27.8	27.7	27.3	27.4	27.6	28.2	28.6	29.2
175	32.3	32.5	32.1	31.9	31.4	31.0	30.4	29.8	29.0	28.6	28.2	28.0	28.4	28.0	27.9	27.8	28.1	28.4	29.0
180	30.5	30.2	29.7	29.6	29.2	28.9	28.6	28.6	28.7	29.1	29.4	29.8	30.7	30.1	29.9	29.5	29.3	28.9	28.7

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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	3172	3172	3172	3172	3172														
5	3077	3080	3068	3073	3058														
10	2798	2805	2787	2795	2779														
15	2464	2470	2451	2461	2445														
20	2150	2153	2139	2152	2139														
25	2154	2118	2081	2091	2124														
30	2092	2078	2024	2017	1997														
35	1373	1375	1345	1348	1338														
40	1143	1144	1117	1117	1117														
45	715	696	615	604	567														
50	92.0	86.7	81.3	80.6	78.9														
55	58.5	57.4	55.1	55.2	54.6														
60	38.5	37.7	36.4	36.4	35.7														
65	24.4	24.0	22.8	22.8	22.0														
70	12.9	12.7	12.0	11.9	11.2														
75	9.32	9.18	9.10	9.03	9.01														
80	9.27	9.17	9.11	9.03	9.01														
85	9.41	9.32	9.29	9.23	9.23														
90	6.97	6.86	6.95	6.95	7.01														
95	7.57	7.60	7.69	7.70	7.78														
100	8.57	8.58	8.66	8.65	8.74														
105	9.92	9.87	9.84	9.79	9.86														
110	11.3	11.2	11.1	11.1	11.1														
115	12.6	12.5	12.5	12.5	12.5														
120	14.0	14.0	13.9	13.9	13.9														
125	15.7	15.6	15.6	15.5	15.5														
130	17.4	17.4	17.3	17.2	17.3														
135	19.2	19.1	19.1	19.0	19.0														
140	21.0	21.0	21.0	20.8	20.8														
145	22.7	22.8	22.8	22.6	22.6														
150	24.2	24.3	24.4	24.4	24.3														
155	25.3	25.5	25.8	25.9	25.9														
160	26.6	26.9	27.3	27.4	27.5														
165	28.4	28.8	29.3	29.6	29.9														
170	30.1	31.0	31.8	32.7	33.6														
175	29.5	30.1	30.6	31.1	31.6														
180	28.5	28.7	29.0	29.4	29.8														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-10-27

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: