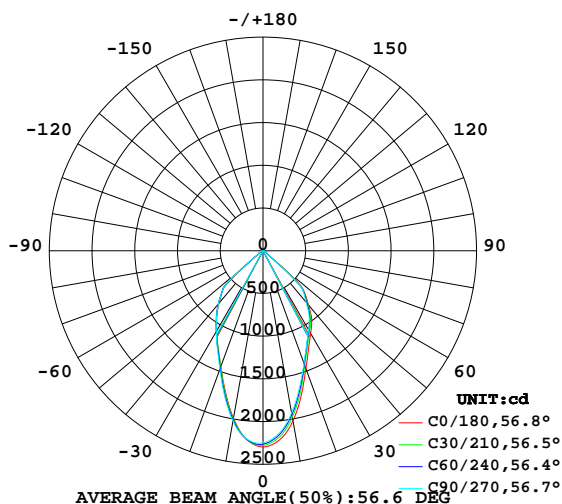


## LUMINAIRE PHOTOMETRIC TEST REPORT

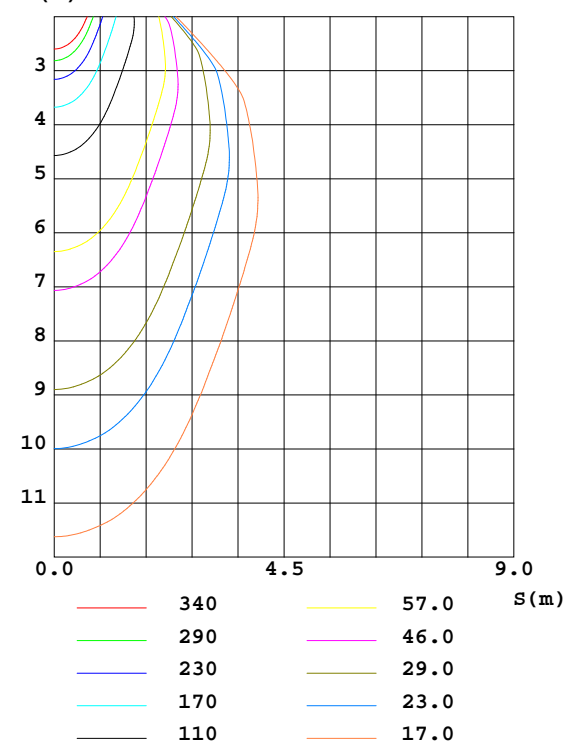
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.81 lm/W			
MODEL	BL061-30W-830-W-60	Imax(cd)	2297	S/MH(C0/180)	0.78
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2526.1	η UP,DN(C0-180)	1.2,48.1
NOMINAL FLUX(lm)	2526.09	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.5
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.5	CIBSE SHR MAX	0.75

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:2015-10-22

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	2023	1971	1929	1917	1992	1996	2025	2000	0- 10	201.7	201.7	7.98,7.98
20	1468	1430	1404	1403	1443	1445	1475	1465	10- 20	474.5	676.2	26.8,26.8
30	1115	1082	1069	1070	1089	1087	1094	1093	20- 30	571.9	1248	49.4,49.4
40	832.7	808.6	786.6	783.2	803.5	807.8	812.3	806.9	30- 40	591.8	1840	72.8,72.8
50	260.4	234.9	193.8	212.1	262.5	294.6	342.9	297.7	40- 50	482.5	2322	91.9,91.9
60	48.83	49.18	48.37	48.63	50.30	49.83	48.64	47.17	50- 60	71.81	2394	94.8,94.8
70	29.87	29.83	29.40	29.94	31.00	30.47	30.33	29.23	60- 70	38.63	2433	96.3,96.3
80	13.34	12.96	12.28	12.07	12.58	12.73	13.28	13.25	70- 80	21.98	2455	97.2,97.2
90	4.706	4.628	4.619	4.557	4.987	4.926	5.071	4.957	80- 90	8.984	2464	97.5,97.5
100	5.710	5.673	5.663	5.607	6.227	6.117	6.003	5.978	90-100	5.767	2470	97.8,97.8
110	7.136	7.098	7.108	7.036	7.734	7.601	7.460	7.435	100-110	6.927	2477	98,98
120	8.994	8.948	8.972	8.882	9.542	9.366	9.204	9.159	110-120	8.103	2485	98.4,98.4
130	11.17	11.13	11.14	11.06	11.67	11.44	11.25	11.18	120-130	9.089	2494	98.7,98.7
140	13.45	13.40	13.37	13.29	13.88	13.62	13.41	13.33	130-140	9.522	2503	99.1,99.1
150	15.22	15.12	15.03	14.95	15.42	15.18	15.00	14.91	140-150	8.980	2512	99.5,99.5
160	16.80	16.65	16.54	16.42	16.78	16.51	16.34	16.25	150-160	7.277	2519	99.7,99.7
170	18.18	18.03	17.86	17.77	18.20	17.91	17.75	17.65	160-170	4.852	2524	99.9,99.9
180	19.25	19.09	18.88	18.80	19.32	19.03	18.91	18.77	170-180	1.746	2526	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

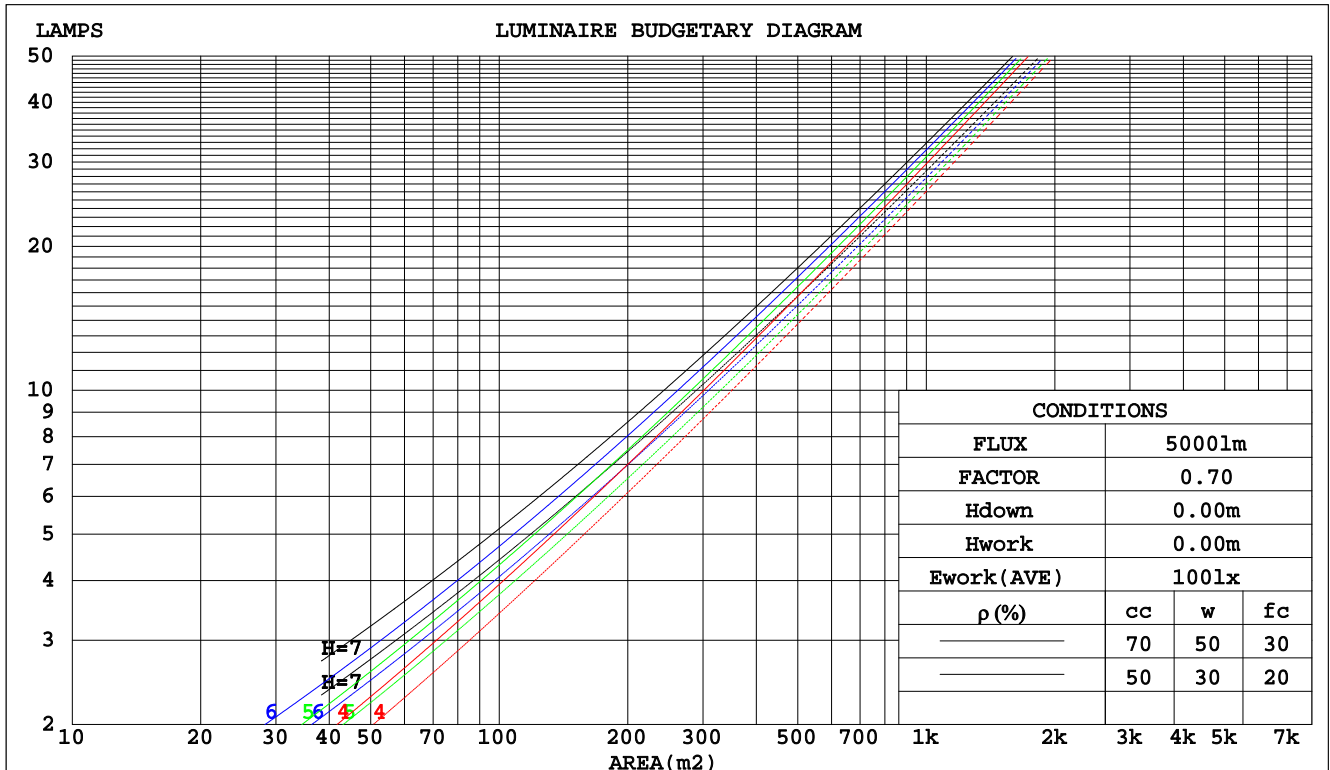
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-22

$\gamma$  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:

### 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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.08	1.06	1.03	1.06	1.03	1.01	1.02	.99	.97	.97	.96	.94	.93	.92	.91	.89
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.90	.87	.85	.87	.85	.82	.81
3.0	.91	.85	.80	.89	.84	.80	.86	.82	.78	.83	.80	.76	.81	.78	.75	.73
4.0	.83	.77	.72	.82	.76	.71	.80	.74	.70	.77	.73	.69	.75	.71	.68	.66
5.0	.77	.70	.65	.76	.69	.65	.74	.68	.64	.72	.67	.63	.70	.65	.62	.60
6.0	.71	.64	.59	.70	.64	.59	.68	.62	.58	.66	.61	.58	.65	.60	.57	.55
7.0	.66	.59	.54	.65	.58	.54	.63	.58	.53	.62	.57	.53	.60	.56	.52	.51
8.0	.61	.54	.50	.60	.54	.49	.59	.53	.49	.58	.52	.49	.57	.52	.48	.47
9.0	.57	.50	.46	.56	.50	.46	.55	.49	.45	.54	.49	.45	.53	.48	.45	.43
10.0	.53	.47	.42	.53	.47	.42	.52	.46	.42	.51	.45	.42	.50	.45	.42	.40



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-22

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	.210 .119 .038	.202 .115 .037	.188 .108 .034	.175 .101 .032	.163 .095 .030	
2.0	.202 .111 .034	.195 .108 .033	.183 .102 .032	.172 .096 .030	.162 .091 .029	
3.0	.192 .102 .031	.187 .100 .030	.176 .095 .029	.166 .091 .028	.157 .087 .027	
4.0	.183 .095 .028	.178 .093 .027	.168 .089 .027	.160 .086 .026	.152 .082 .025	
5.0	.174 .088 .026	.169 .087 .025	.161 .084 .025	.153 .081 .024	.146 .078 .023	
6.0	.165 .083 .024	.161 .081 .023	.154 .079 .023	.147 .076 .022	.140 .074 .022	
7.0	.157 .077 .022	.153 .076 .022	.147 .074 .021	.140 .072 .021	.134 .070 .021	
8.0	.149 .073 .020	.146 .072 .020	.140 .070 .020	.134 .068 .020	.129 .066 .019	
9.0	.142 .069 .019	.139 .068 .019	.134 .066 .019	.129 .065 .018	.124 .063 .018	
10.0	.136 .065 .018	.133 .064 .018	.128 .063 .018	.123 .061 .017	.119 .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	.192 .176 .161	.165 .151 .139	.113 .104 .096	.065 .060 .056	.021 .019 .018	
2.0	.179 .151 .128	.154 .130 .111	.105 .090 .077	.061 .052 .045	.019 .017 .015	
3.0	.169 .133 .104	.145 .115 .091	.099 .080 .064	.057 .047 .037	.018 .015 .012	
4.0	.160 .119 .087	.137 .103 .076	.094 .072 .054	.055 .042 .032	.018 .014 .010	
5.0	.152 .108 .075	.131 .093 .065	.090 .065 .046	.052 .038 .027	.017 .012 .009	
6.0	.145 .099 .066	.125 .086 .057	.086 .060 .040	.050 .035 .024	.016 .012 .008	
7.0	.139 .092 .058	.120 .079 .051	.083 .056 .036	.048 .033 .021	.016 .011 .007	
8.0	.133 .086 .053	.115 .074 .046	.079 .052 .033	.046 .031 .019	.015 .010 .006	
9.0	.128 .081 .048	.110 .070 .042	.077 .049 .030	.045 .029 .018	.014 .010 .006	
10.0	.123 .076 .045	.106 .066 .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:2015-10-22

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	2H	23.1	24.3	23.4	24.5	24.7	22.8	23.9	23.1	24.2	24.4
	3H	23.1	24.1	23.4	24.3	24.6	22.7	23.8	23.1	24.0	24.3
	4H	23.0	24.0	23.3	24.2	24.5	22.7	23.7	23.0	23.9	24.2
	6H	23.0	23.9	23.3	24.2	24.5	22.7	23.6	23.0	23.8	24.2
	8H	23.0	23.8	23.3	24.1	24.4	22.6	23.5	23.0	23.8	24.1
	12H	22.9	23.8	23.3	24.1	24.4	22.6	23.4	23.0	23.8	24.1
4H	2H	22.9	23.9	23.2	24.1	24.4	22.6	23.5	22.9	23.8	24.1
	3H	22.9	23.7	23.2	24.0	24.3	22.6	23.4	22.9	23.7	24.0
	4H	22.9	23.6	23.2	23.9	24.3	22.6	23.3	22.9	23.6	24.0
	6H	22.8	23.5	23.3	23.9	24.3	22.5	23.2	23.0	23.6	24.0
	8H	22.8	23.4	23.3	23.8	24.3	22.5	23.1	23.0	23.5	24.0
	12H	22.8	23.4	23.3	23.8	24.3	22.5	23.1	23.0	23.5	24.0
8H	4H	22.8	23.4	23.2	23.8	24.2	22.5	23.1	22.9	23.5	23.9
	6H	22.8	23.3	23.3	23.7	24.2	22.5	23.0	23.0	23.4	23.9
	8H	22.8	23.2	23.3	23.7	24.2	22.5	22.9	23.0	23.4	23.9
	12H	22.8	23.2	23.4	23.7	24.2	22.5	22.9	23.0	23.4	23.9
12H	4H	22.7	23.3	23.2	23.7	24.1	22.4	23.0	22.9	23.4	23.8
	6H	22.8	23.2	23.2	23.6	24.1	22.5	22.9	22.9	23.4	23.8
	8H	22.8	23.2	23.3	23.6	24.2	22.5	22.9	23.0	23.3	23.9
Variations with the observer position at spacings:											
S = 1.0H	+ 2.3 / - 5.5					+ 2.4 / - 5.5					
1.5H	+ 2.4 / - 6.9					+ 2.5 / - 6.9					
2.0H	+ 6.4 / - 5.0					+ 6.5 / - 5.0					

CIE Pub.117 Corrected 2526 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.2)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-22

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:

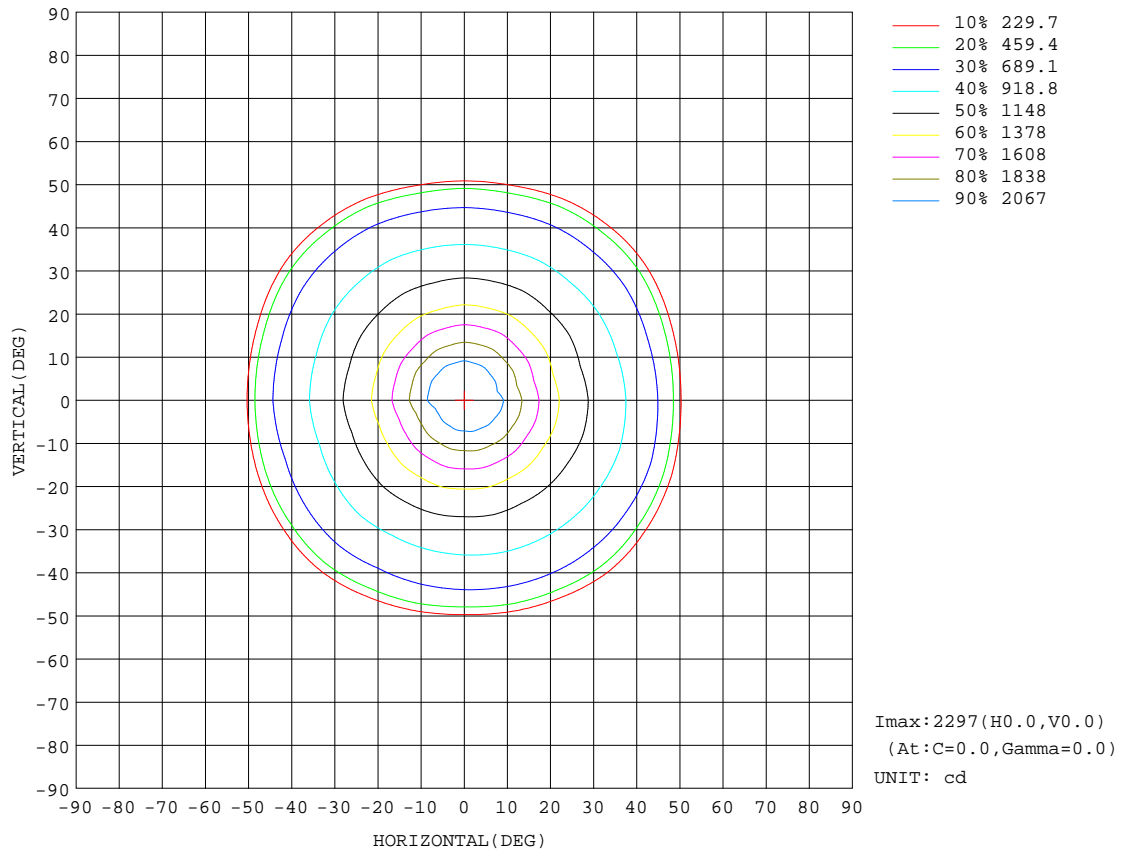
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	75	66	61	74	66	61	73	65	61	56
0.80	84	76	71	83	75	70	81	74	70	65
1.00	90	83	78	89	82	78	87	83	77	72
1.25	96	89	84	95	88	84	92	87	83	77
1.50	100	93	89	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	102	99	96	89
4.00	111	107	104	108	105	102	104	102	99	91
5.00	112	109	106	110	107	105	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: 2015-10-22

$\gamma$  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:



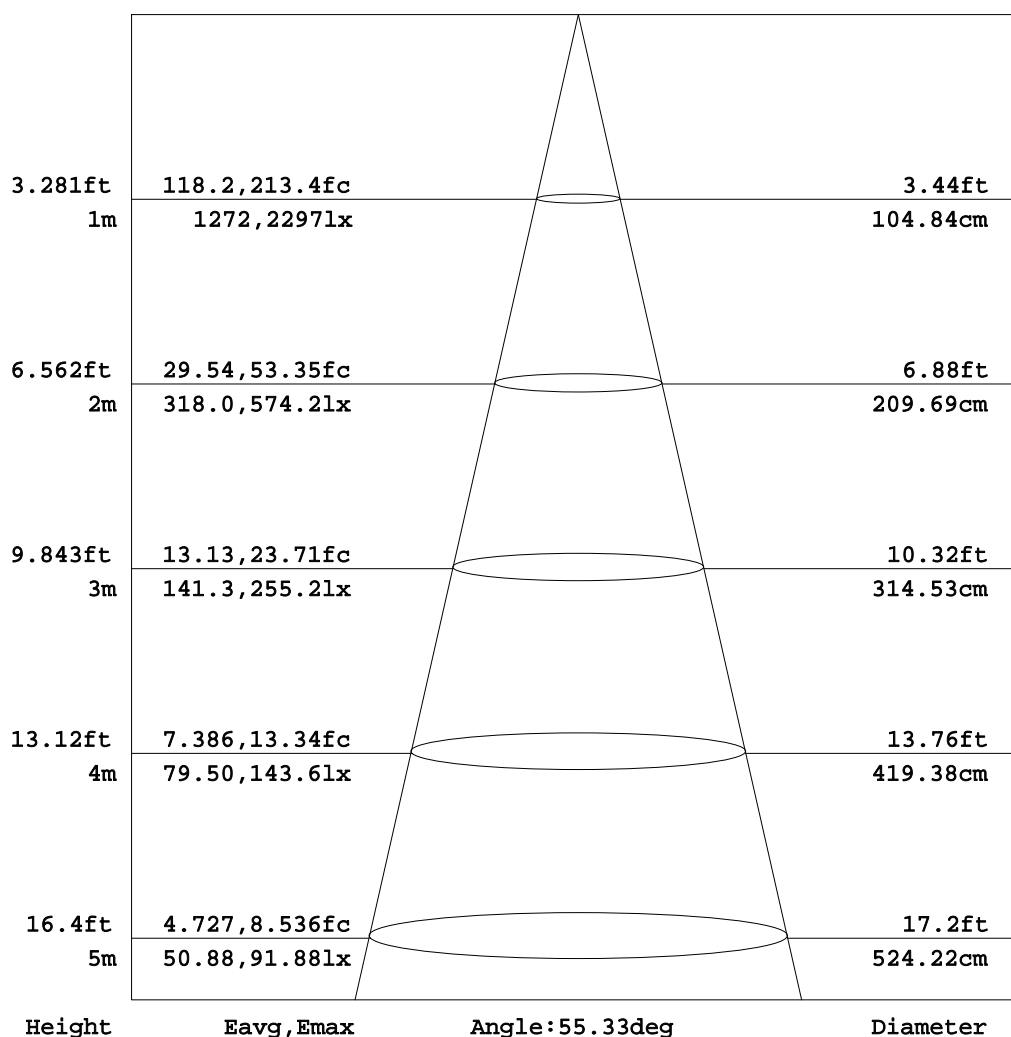
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-22

$\gamma$  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:

### AAI Figure

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

Flux out:1130 lm



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

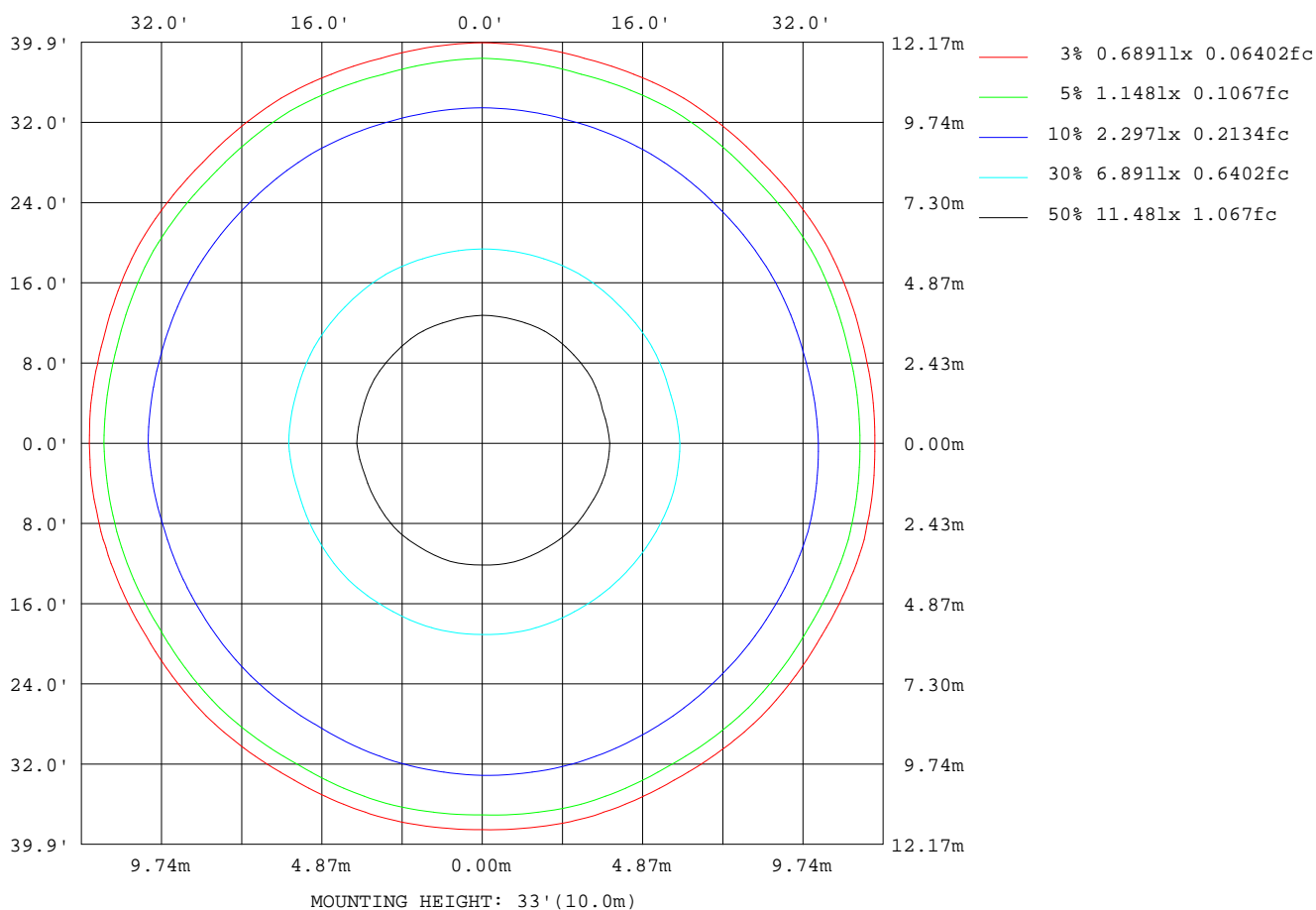
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-22

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

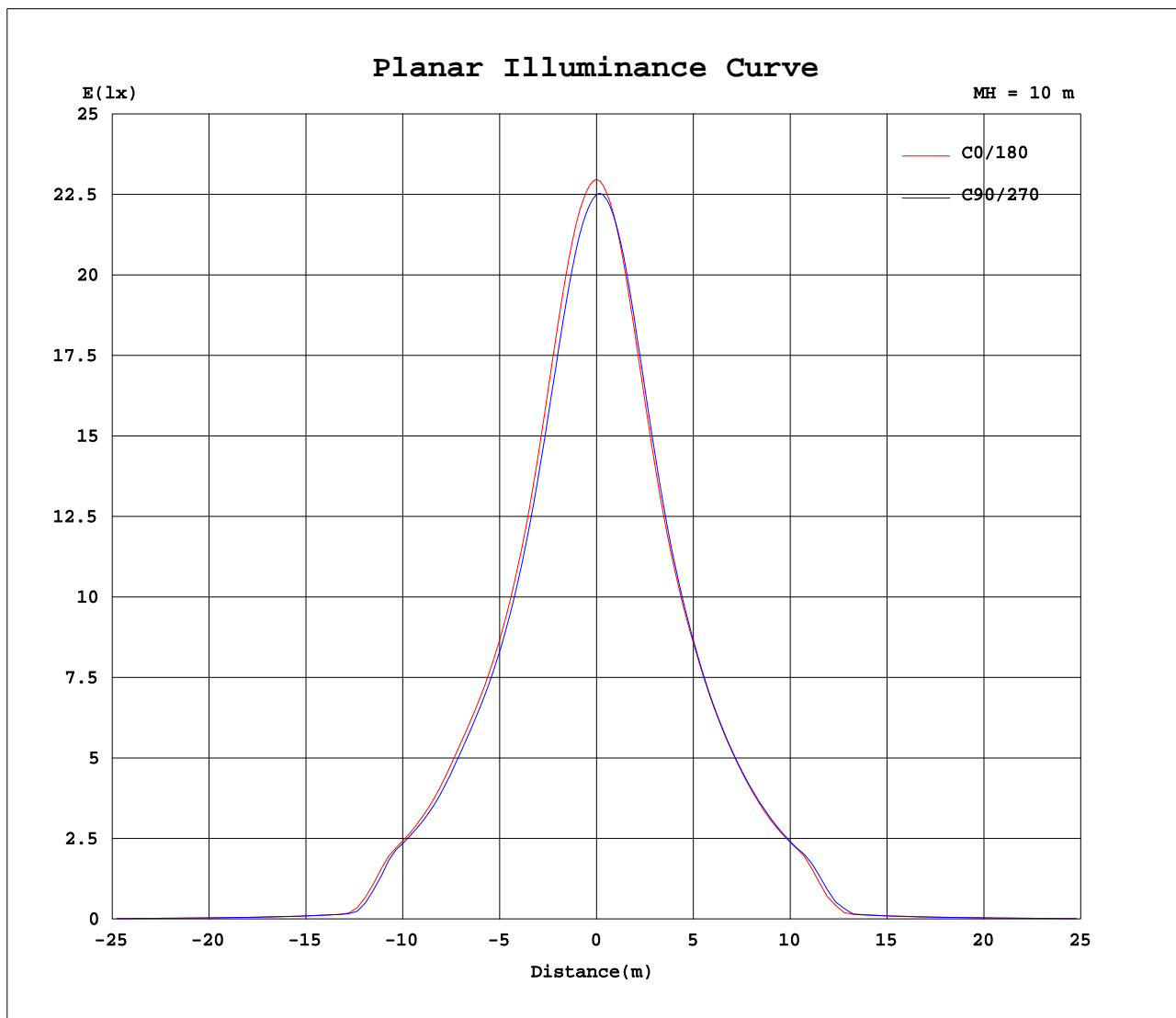
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: QiuMing  
 Test Date: 2015-10-22

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: 2015-10-22

$\gamma$  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	2297	2287	2278	2271	2263	2258	2250	2247	2239	2236	2231	2228	2297	2287	2278	2271	2263	2258	2250
5	2224	2210	2190	2181	2164	2160	2148	2148	2137	2140	2133	2142	2215	2208	2215	2211	2214	2207	2210
10	2023	2008	1979	1971	1949	1945	1929	1928	1914	1917	1909	1920	1992	1985	2000	1996	2014	2010	2025
15	1743	1733	1701	1699	1677	1673	1656	1660	1644	1651	1637	1648	1707	1697	1716	1712	1737	1730	1749
20	1468	1458	1432	1430	1413	1416	1404	1410	1397	1403	1395	1400	1443	1430	1445	1445	1464	1459	1475
25	1264	1255	1233	1228	1215	1221	1210	1218	1212	1219	1211	1215	1248	1235	1245	1245	1256	1252	1264
30	1115	1112	1093	1082	1074	1076	1069	1070	1063	1070	1061	1060	1089	1079	1088	1087	1095	1089	1094
35	996	998	973	960	954	956	943	933	922	929	920	917	944	938	950	949	956	950	950
40	833	837	816	809	802	796	787	780	770	783	775	777	804	799	808	808	815	812	812
45	686	694	676	667	666	667	663	652	637	643	643	650	674	669	675	676	682	677	680
50	260	266	232	235	207	216	194	203	191	212	206	238	262	260	300	295	331	315	343
55	61.4	61.9	61.3	61.7	60.5	60.8	60.5	60.8	60.7	61.1	60.7	61.6	64.2	63.4	64.3	63.5	62.8	61.1	60.6
60	48.8	49.2	49.1	49.2	48.5	48.6	48.4	48.6	48.4	48.6	48.3	48.6	50.3	49.9	50.4	49.8	50.0	48.8	48.6
65	39.0	39.1	38.8	39.0	38.5	38.7	38.5	38.8	38.6	38.9	38.6	38.8	40.1	39.7	39.9	39.4	39.8	39.0	39.1
70	29.9	30.0	29.6	29.8	29.4	29.6	29.4	29.7	29.5	29.9	29.6	29.9	31.0	30.7	30.8	30.5	30.8	30.2	30.3
75	20.5	20.6	20.2	20.4	20.0	20.3	20.0	20.4	20.1	20.5	20.3	20.7	21.6	21.3	21.7	21.3	21.7	21.2	21.4
80	13.3	13.3	12.9	13.0	12.6	12.6	12.3	12.3	12.0	12.1	11.8	12.0	12.6	12.5	12.8	12.7	13.0	13.0	13.3
85	8.24	8.23	7.97	7.96	7.73	7.72	7.51	7.53	7.36	7.42	7.32	7.44	7.96	7.93	8.10	8.10	8.28	8.26	8.43
90	4.71	4.68	4.66	4.63	4.64	4.61	4.62	4.59	4.59	4.56	4.56	4.53	4.99	4.97	4.94	4.93	5.00	4.97	5.07
95	5.16	5.13	5.13	5.10	5.12	5.09	5.10	5.06	5.08	5.05	5.08	5.06	5.64	5.64	5.63	5.62	5.60	5.57	5.49
100	5.71	5.68	5.69	5.67	5.68	5.66	5.66	5.64	5.64	5.61	5.61	5.57	6.23	6.20	6.14	6.12	6.06	6.05	6.00
105	6.37	6.34	6.36	6.33	6.35	6.32	6.34	6.30	6.32	6.27	6.28	6.23	6.95	6.92	6.85	6.83	6.77	6.76	6.70
110	7.14	7.11	7.12	7.10	7.12	7.09	7.11	7.07	7.09	7.04	7.05	6.99	7.73	7.70	7.62	7.60	7.53	7.52	7.46
115	8.01	7.98	8.00	7.97	7.99	7.96	7.99	7.94	7.96	7.91	7.92	7.85	8.60	8.55	8.48	8.45	8.37	8.36	8.30
120	8.99	8.96	8.98	8.95	8.98	8.94	8.97	8.93	8.94	8.88	8.89	8.82	9.54	9.49	9.41	9.37	9.29	9.27	9.20
125	10.1	10.0	10.1	10.0	10.1	10.0	10.0	10.00	10.0	9.95	9.95	9.88	10.6	10.5	10.4	10.4	10.3	10.3	10.2
130	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0	11.0	11.7	11.6	11.5	11.4	11.4	11.3	11.3
135	12.3	12.3	12.3	12.3	12.3	12.2	12.3	12.2	12.2	12.2	12.1	12.1	12.8	12.7	12.6	12.5	12.5	12.4	12.3
140	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.2	13.9	13.8	13.7	13.6	13.5	13.5	13.4
145	14.5	14.4	14.4	14.4	14.4	14.3	14.3	14.3	14.3	14.2	14.2	14.2	14.8	14.7	14.6	14.5	14.5	14.4	14.3
150	15.2	15.2	15.1	15.1	15.1	15.1	15.0	15.0	15.0	14.9	14.9	14.9	15.4	15.3	15.3	15.2	15.1	15.1	15.0
155	16.0	16.0	15.9	15.9	15.9	15.8	15.8	15.8	15.7	15.7	15.7	15.6	16.1	15.9	15.9	15.8	15.7	15.7	15.6
160	16.8	16.8	16.7	16.7	16.6	16.6	16.5	16.5	16.5	16.4	16.4	16.4	16.8	16.7	16.6	16.5	16.5	16.4	16.3
165	17.5	17.5	17.4	17.4	17.3	17.3	17.2	17.2	17.2	17.1	17.1	17.1	17.5	17.4	17.3	17.2	17.2	17.1	17.1
170	18.2	18.2	18.1	18.0	18.0	17.9	17.9	17.8	17.8	17.8	17.7	17.7	18.2	18.1	18.0	17.9	17.9	17.8	17.8
175	18.8	18.8	18.7	18.6	18.6	18.5	18.5	18.4	18.4	18.4	18.3	18.3	18.8	18.7	18.7	18.6	18.5	18.4	18.4
180	19.3	19.2	19.1	19.1	19.0	19.0	18.9	18.9	18.8	18.8	18.7	18.7	19.3	19.2	19.2	19.0	19.0	18.9	18.9

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-22

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

$\gamma$ (DEG) \ C (DEG)	285	300	315	330	345													
0	2247	2239	2236	2231	2228													
5	2199	2195	2180	2177	2162													
10	2014	2018	2000	1996	1974													
15	1743	1753	1732	1733	1703													
20	1468	1480	1465	1464	1436													
25	1261	1269	1258	1259	1240													
30	1095	1101	1093	1100	1092													
35	950	955	951	964	969													
40	809	812	807	816	816													
45	675	677	672	676	673													
50	318	331	298	306	266													
55	59.5	59.7	58.8	58.8	58.6													
60	47.6	47.9	47.2	47.4	46.8													
65	38.2	38.5	37.9	38.0	37.6													
70	29.7	29.8	29.2	29.4	28.9													
75	20.9	21.0	20.4	20.5	20.0													
80	13.2	13.4	13.3	13.4	13.1													
85	8.38	8.49	8.37	8.42	8.25													
90	5.01	5.07	4.96	4.99	4.86													
95	5.49	5.44	5.45	5.38	5.39													
100	6.00	5.97	5.98	5.95	5.98													
105	6.71	6.67	6.68	6.65	6.68													
110	7.47	7.42	7.43	7.40	7.43													
115	8.30	8.25	8.26	8.22	8.25													
120	9.20	9.15	9.16	9.13	9.15													
125	10.2	10.1	10.1	10.1	10.1													
130	11.2	11.2	11.2	11.2	11.2													
135	12.3	12.3	12.3	12.2	12.3													
140	13.4	13.3	13.3	13.3	13.3													
145	14.3	14.3	14.3	14.2	14.2													
150	15.0	14.9	14.9	14.9	14.9													
155	15.6	15.5	15.5	15.5	15.5													
160	16.3	16.3	16.2	16.2	16.2													
165	17.0	17.0	16.9	16.9	16.9													
170	17.7	17.7	17.6	17.6	17.6													
175	18.4	18.3	18.3	18.3	18.2													
180	18.8	18.8	18.8	18.8	18.7													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-22

$\gamma$  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: