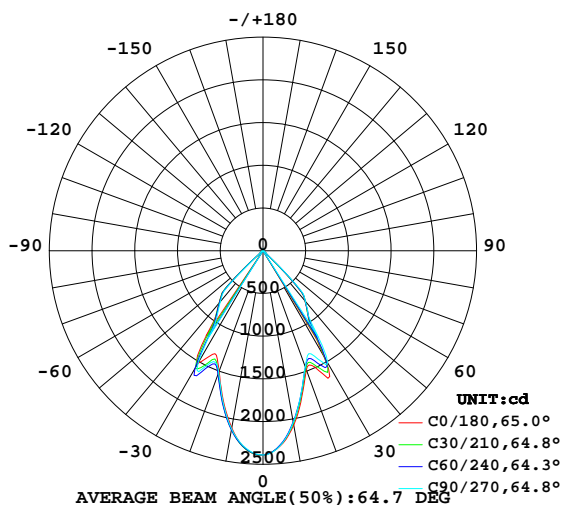


## LUMINAIRE PHOTOMETRIC TEST REPORT

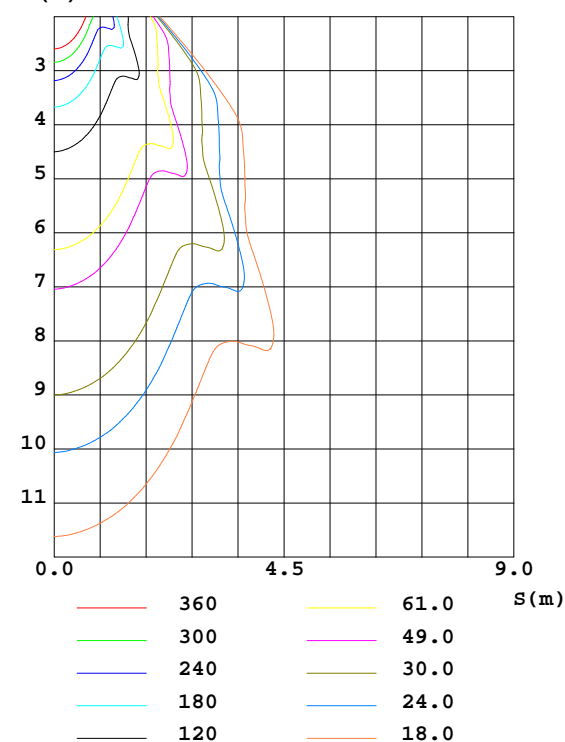
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.69 lm/W			
MODEL	BL07-30W-850-W-60	Imax(cd)	2392	S/MH(C0/180)	0.76
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.73
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2493.7	η UP,DN(C0-180)	1.3,48.0
NOMINAL FLUX(lm)	2493.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.3
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	0.90

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:2015-12-10

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	2072	2050	2042	2070	2105	2121	2118	2093	0- 10	213.2	213.2	8.55,8.55
20	1487	1467	1446	1465	1503	1529	1518	1496	10- 20	495.9	709.2	28.4,28.4
30	1423	1485	1515	1458	1520	1584	1522	1404	20- 30	681.5	1391	55.8,55.8
40	766.1	774.5	772.9	787.0	799.7	796.8	777.1	763.9	30- 40	637.5	2028	81.3,81.3
50	54.65	54.24	57.45	60.31	57.98	61.99	55.21	53.11	40- 50	333.2	2361	94.7,94.7
60	24.11	25.27	25.77	27.73	27.82	26.33	25.09	24.52	50- 60	35.50	2397	96.1,96.1
70	6.813	7.635	8.615	9.856	10.49	9.598	8.724	7.263	60- 70	16.38	2413	96.8,96.8
80	5.612	5.640	5.879	6.325	6.749	6.564	6.122	5.866	70- 80	6.808	2420	97,97
90	4.588	4.495	4.940	6.346	6.984	6.458	4.776	4.890	80- 90	6.648	2427	97.3,97.3
100	5.605	5.624	5.501	5.320	5.870	5.955	5.979	6.109	90-100	5.636	2432	97.5,97.5
110	7.270	7.479	7.346	7.203	7.810	7.935	7.777	7.829	100-110	7.033	2439	97.8,97.8
120	9.264	9.442	9.327	9.029	9.768	9.869	9.759	9.698	110-120	8.449	2448	98.2,98.2
130	11.84	12.01	11.80	11.34	12.13	12.30	12.21	12.09	120-130	9.573	2457	98.5,98.5
140	14.68	14.91	14.59	13.99	14.56	14.90	14.89	14.79	130-140	10.27	2468	99,99
150	17.49	17.49	16.93	16.25	16.52	17.09	17.40	17.50	140-150	9.984	2478	99.4,99.4
160	19.82	19.43	18.89	18.03	17.99	18.49	18.99	19.62	150-160	8.298	2486	99.7,99.7
170	23.71	22.21	21.12	20.09	19.80	20.38	21.19	23.22	160-170	5.668	2492	99.9,99.9
180	21.22	20.50	20.50	20.92	21.30	20.45	20.55	20.89	170-180	2.041	2494	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

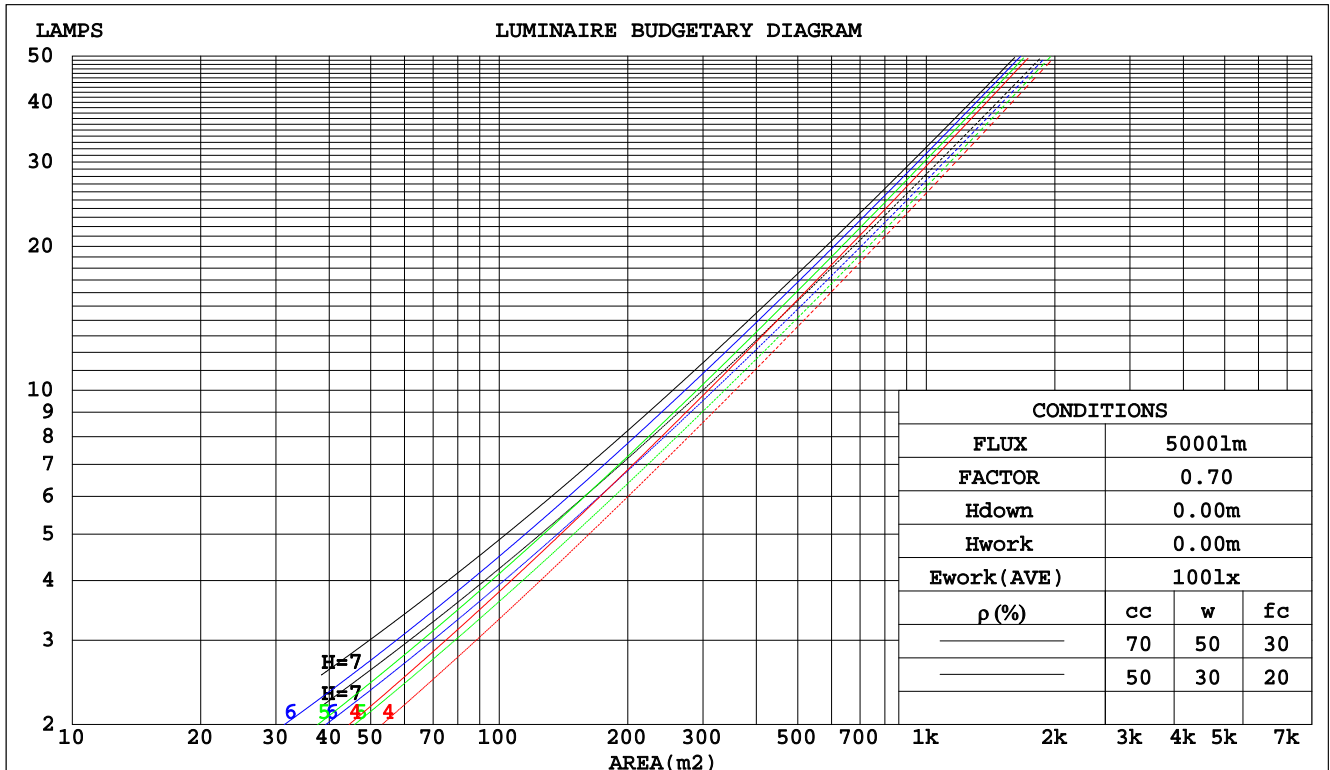
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-10

$\gamma$  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	1.04	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	.99	.94	.91	.95	.91	.89	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.75
4.0	.86	.80	.75	.84	.79	.74	.82	.77	.73	.79	.75	.72	.77	.74	.71	.69
5.0	.79	.73	.68	.78	.72	.68	.76	.71	.67	.74	.69	.66	.72	.68	.65	.63
6.0	.74	.67	.62	.73	.66	.62	.71	.65	.61	.69	.64	.61	.67	.63	.60	.58
7.0	.69	.62	.57	.68	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.59	.55	.51	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.49	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.46	.56	.49	.45	.54	.49	.45	.53	.48	.45	.53	.48	.45	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

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	.197 .112 .035	.189 .108 .034	.175 .100 .032	.162 .093 .030	.150 .087 .028	
2.0	.189 .104 .032	.183 .101 .031	.170 .095 .029	.159 .089 .028	.149 .084 .027	
3.0	.181 .096 .029	.175 .094 .028	.164 .089 .027	.155 .085 .026	.145 .081 .025	
4.0	.172 .089 .026	.167 .087 .026	.158 .084 .025	.149 .080 .024	.141 .077 .023	
5.0	.164 .084 .024	.160 .082 .024	.151 .079 .023	.144 .076 .023	.137 .073 .022	
6.0	.156 .078 .022	.152 .077 .022	.145 .074 .022	.138 .072 .021	.132 .069 .021	
7.0	.149 .074 .021	.146 .073 .021	.139 .070 .020	.133 .068 .020	.127 .066 .019	
8.0	.142 .070 .020	.139 .069 .019	.133 .067 .019	.128 .065 .019	.122 .063 .018	
9.0	.136 .066 .018	.133 .065 .018	.128 .063 .018	.123 .062 .018	.118 .060 .017	
10.0	.130 .062 .017	.128 .062 .017	.123 .060 .017	.118 .059 .017	.114 .057 .016	

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 .153 .141	.113 .105 .098	.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 .135 .108	.144 .116 .093	.099 .081 .066	.057 .047 .039	.018 .015 .013	
4.0	.159 .120 .091	.136 .104 .079	.094 .072 .056	.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 .069	.124 .087 .060	.085 .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	.132 .087 .055	.114 .075 .048	.079 .053 .034	.046 .031 .020	.015 .010 .007	
9.0	.127 .082 .051	.110 .071 .044	.076 .050 .032	.044 .029 .019	.014 .010 .006	
10.0	.123 .077 .047	.106 .067 .041	.073 .047 .029	.043 .028 .018	.014 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-12-10

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		20.8	21.9	21.1	22.1	22.3	21.0	22.1	21.3	22.3	22.5
3H		20.6	21.6	20.9	21.8	22.1	20.9	21.8	21.2	22.1	22.3
4H		20.6	21.5	20.9	21.7	22.0	20.8	21.7	21.1	21.9	22.2
6H		20.5	21.3	20.8	21.6	21.9	20.7	21.5	21.0	21.8	22.1
8H		20.4	21.2	20.8	21.5	21.9	20.7	21.5	21.0	21.8	22.1
12H		20.4	21.2	20.8	21.5	21.8	20.6	21.4	21.0	21.7	22.0
4H	2H	20.5	21.4	20.9	21.7	22.0	20.8	21.7	21.1	21.9	22.2
	3H	20.4	21.1	20.7	21.5	21.8	20.6	21.4	21.0	21.7	22.0
	4H	20.3	21.0	20.7	21.3	21.7	20.5	21.2	20.9	21.5	21.9
	6H	20.2	20.8	20.6	21.2	21.6	20.4	21.0	20.8	21.4	21.8
	8H	20.2	20.7	20.6	21.1	21.6	20.4	21.0	20.8	21.4	21.8
	12H	20.2	20.7	20.6	21.1	21.5	20.4	20.9	20.8	21.3	21.8
8H	4H	20.1	20.7	20.6	21.1	21.5	20.4	20.9	20.8	21.3	21.7
	6H	20.1	20.5	20.5	21.0	21.4	20.3	20.7	20.8	21.2	21.7
	8H	20.1	20.5	20.6	20.9	21.4	20.3	20.7	20.8	21.1	21.6
	12H	20.1	20.4	20.6	20.9	21.4	20.3	20.6	20.8	21.1	21.6
12H	4H	20.1	20.6	20.5	21.0	21.5	20.3	20.8	20.8	21.2	21.7
	6H	20.0	20.4	20.5	20.9	21.4	20.2	20.6	20.7	21.1	21.6
	8H	20.0	20.4	20.5	20.9	21.4	20.2	20.6	20.7	21.1	21.6
Variations with the observer position at spacings:											
S = 1.0H		+ 3.6 / -10.2					+ 3.6 / -10.0				
1.5H		+ 4.0 / - 9.4					+ 3.7 / - 9.4				
2.0H		+ 8.3 / - 4.5					+ 8.4 / - 5.5				

CIE Pub.117 Corrected 2494 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:2015-12-10

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:

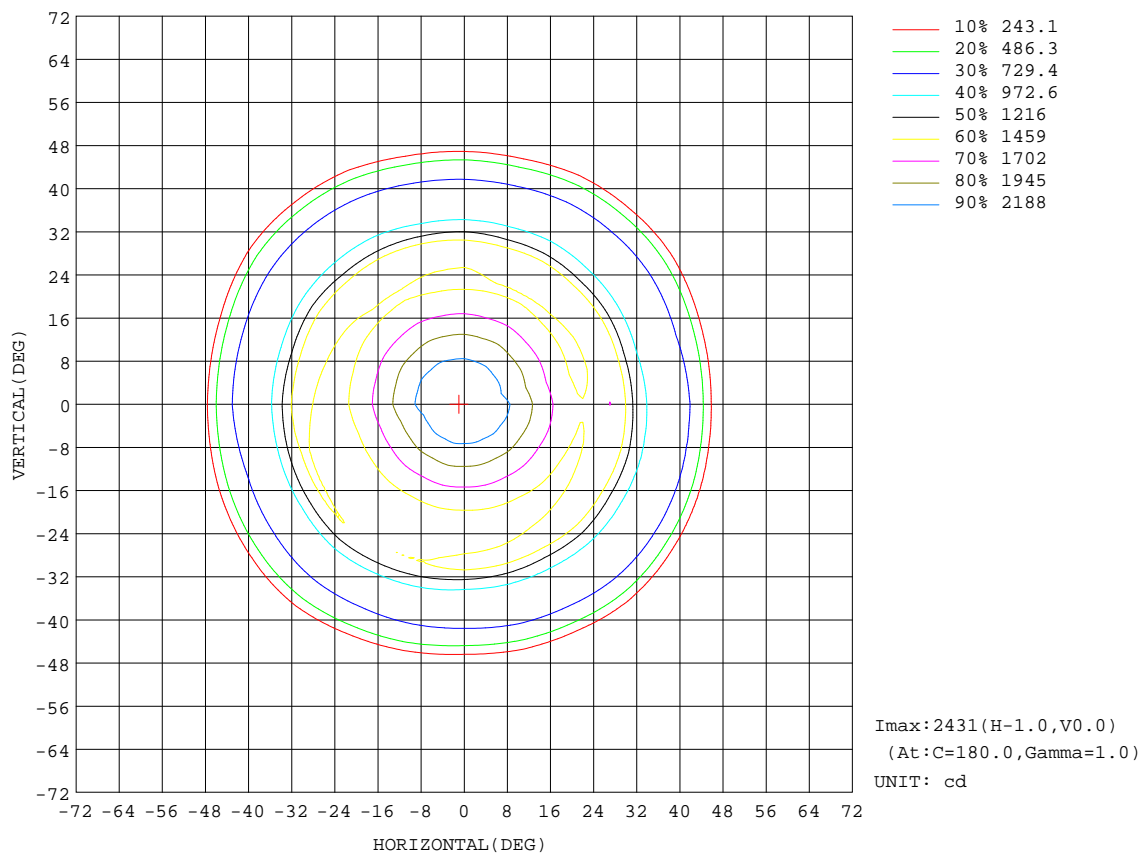
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	67	63
0.80	88	81	77	87	81	77	86	80	76	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	96	93	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	108	106	109	107	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: 2015-12-10

$\gamma$  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:



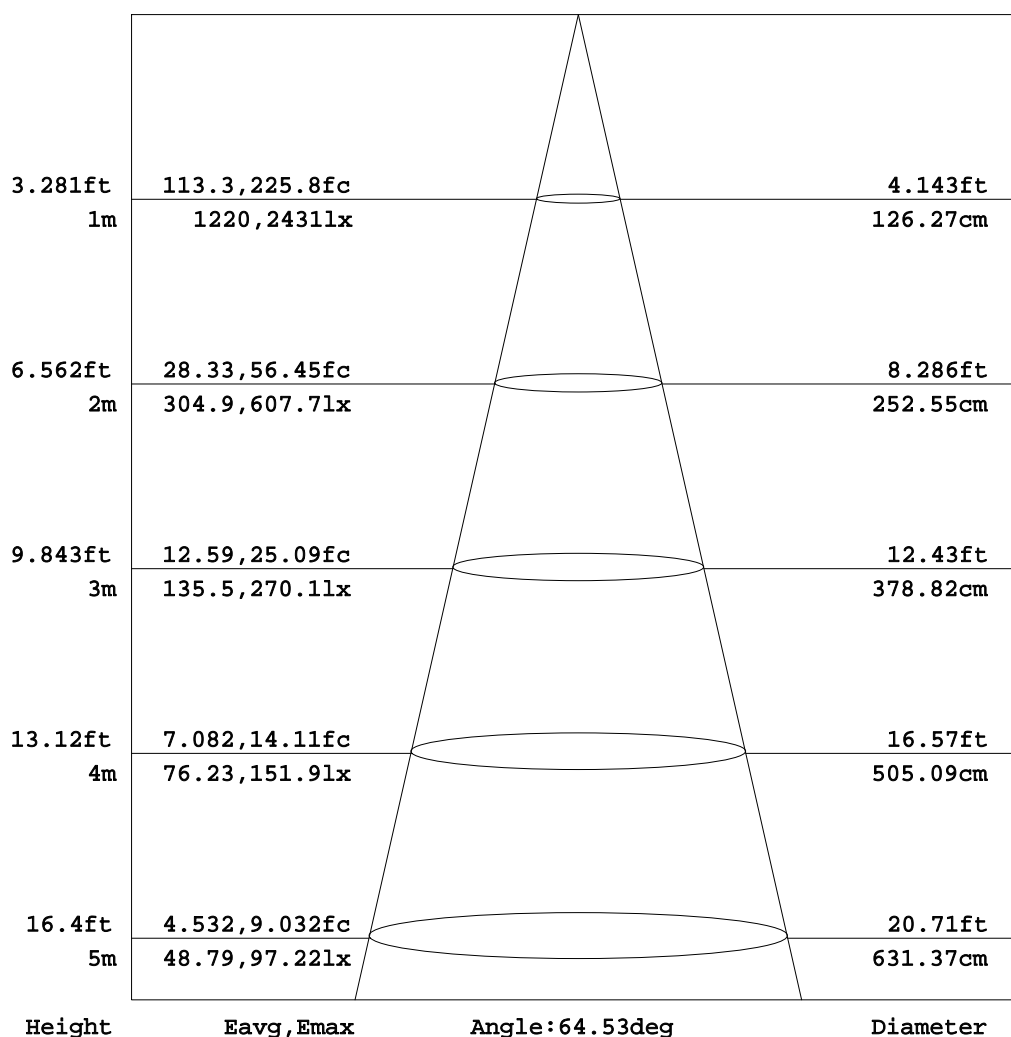
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

$\gamma$  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:1616 lm



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

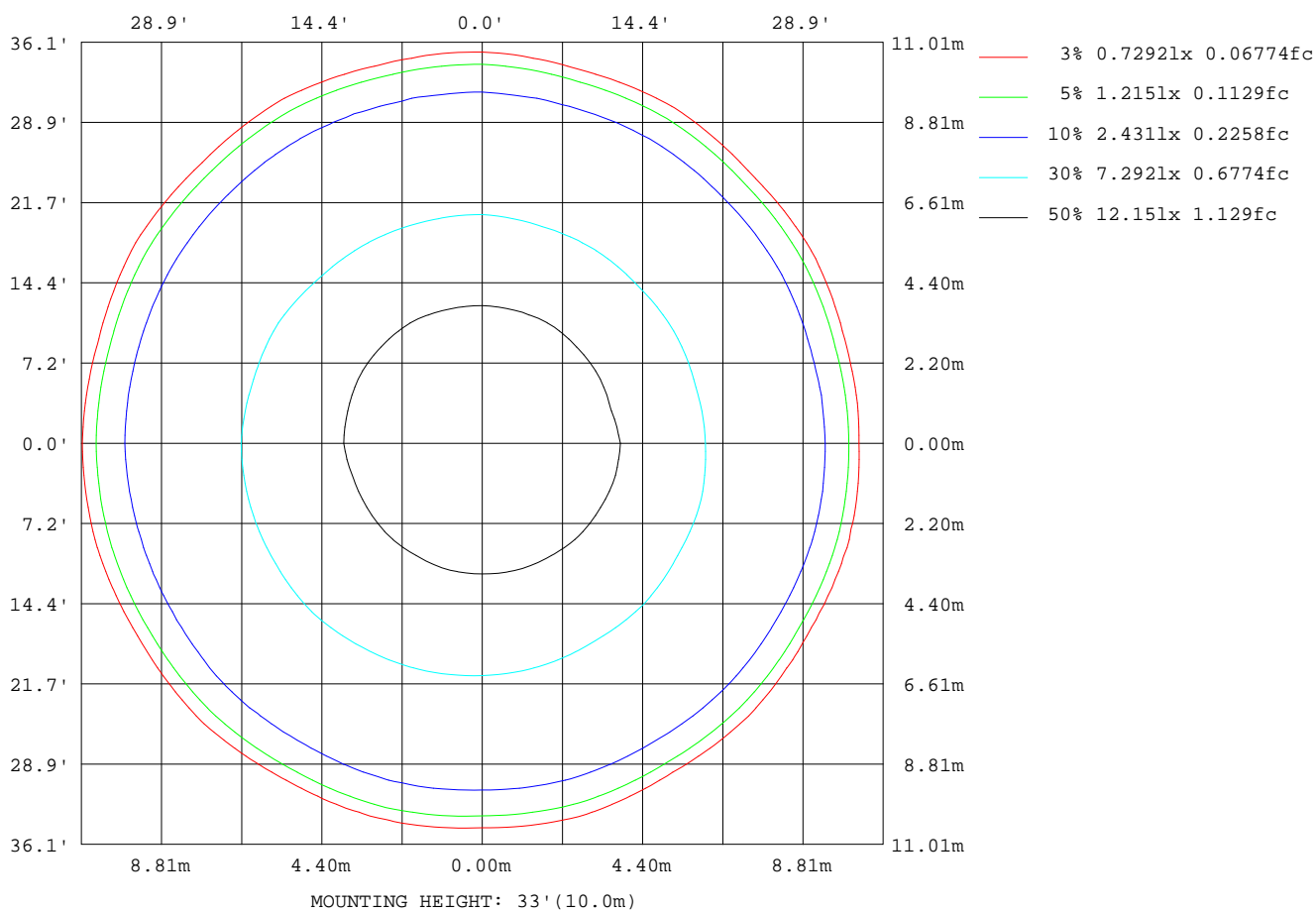
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

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

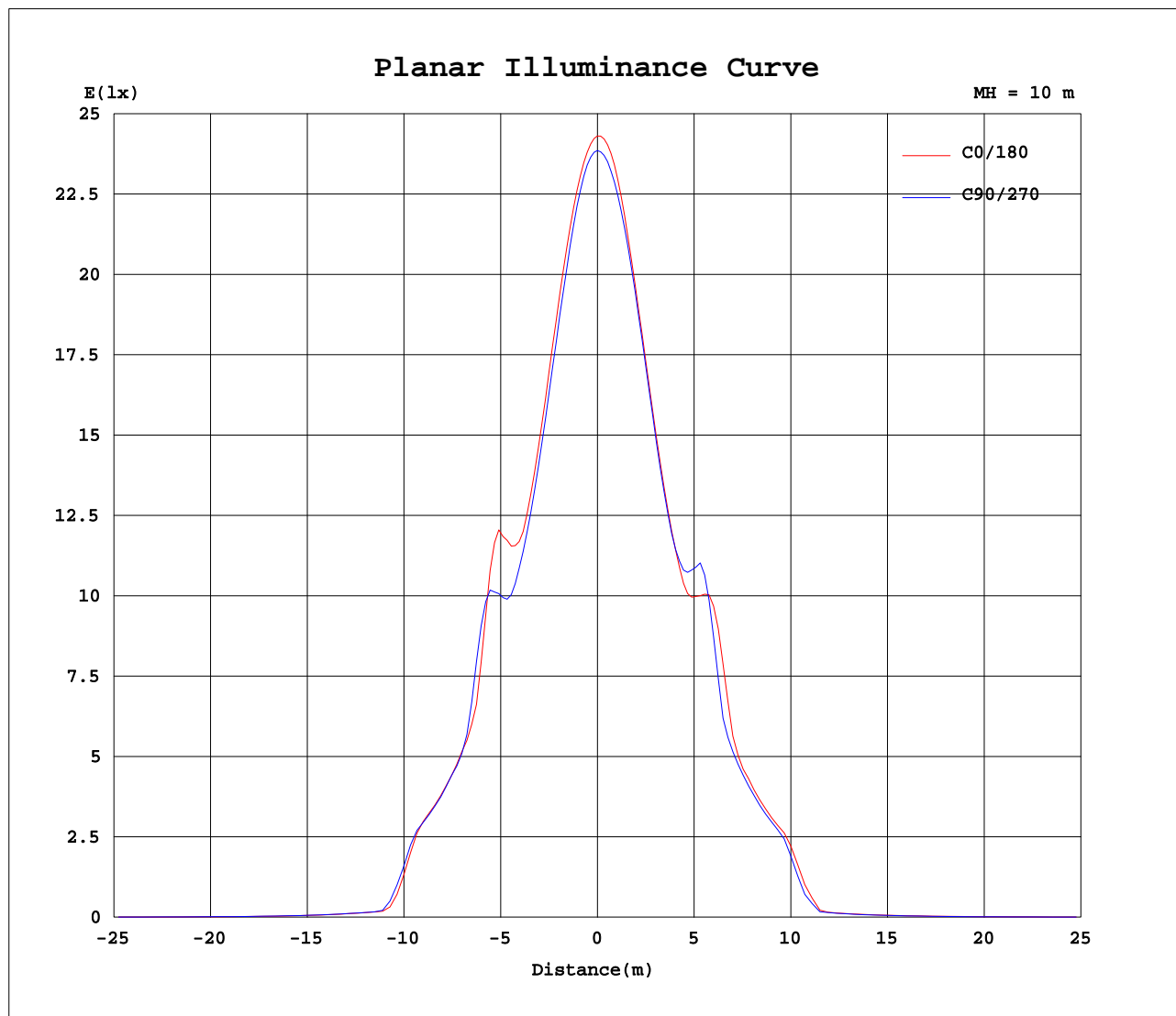
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

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: 2015-12-10

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	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391	2391
5	2296	2299	2289	2292	2284	2293	2293	2306	2306	2318	2319	2328	2330	2328	2332	2325	2327	2320	2320
10	2072	2069	2052	2050	2036	2042	2042	2056	2053	2070	2076	2094	2105	2109	2127	2121	2130	2118	2118
15	1764	1767	1741	1744	1728	1732	1728	1744	1740	1763	1767	1792	1805	1807	1833	1829	1841	1823	1822
20	1487	1485	1468	1467	1451	1452	1446	1454	1448	1465	1471	1491	1503	1507	1530	1529	1541	1522	1518
25	1550	1518	1497	1462	1419	1363	1332	1307	1289	1283	1284	1301	1331	1371	1406	1480	1487	1457	1445
30	1423	1469	1446	1485	1470	1502	1515	1472	1467	1458	1476	1485	1520	1548	1583	1584	1592	1557	1522
35	923	935	929	925	919	933	930	959	979	1020	997	1022	1009	981	977	967	964	945	939
40	766	771	767	775	771	776	773	781	779	787	786	795	800	798	801	797	795	782	777
45	371	392	372	409	403	454	453	517	522	572	576	609	616	611	622	599	594	549	539
50	54.6	55.9	54.8	54.2	54.4	56.1	57.4	60.0	59.4	60.3	61.4	60.3	58.0	58.3	59.6	62.0	60.5	57.1	55.2
55	37.8	39.7	39.4	40.3	40.1	41.0	40.5	41.5	40.1	40.7	40.7	40.7	39.6	38.5	38.2	37.6	37.8	37.0	37.1
60	24.1	24.9	24.6	25.3	25.4	25.9	25.8	26.8	26.7	27.7	27.9	28.4	27.8	27.1	27.0	26.3	26.4	25.2	25.1
65	14.4	14.9	14.9	15.4	15.6	16.2	16.3	17.0	17.0	17.9	18.0	18.6	18.4	17.8	17.9	17.1	17.0	16.3	16.3
70	6.81	7.21	7.10	7.64	7.92	8.47	8.61	9.17	9.22	9.86	9.94	10.5	10.5	10.1	10.1	9.60	9.46	8.88	8.72
75	5.63	5.63	5.65	5.69	5.75	5.83	5.95	6.11	6.30	6.46	6.59	6.65	6.84	6.83	6.75	6.63	6.46	6.29	6.12
80	5.61	5.60	5.61	5.64	5.69	5.76	5.88	6.02	6.18	6.32	6.47	6.53	6.75	6.73	6.67	6.56	6.42	6.29	6.12
85	5.70	5.67	5.67	5.68	5.71	5.78	5.89	6.01	6.16	6.30	6.44	6.51	6.82	6.80	6.74	6.64	6.51	6.39	6.25
90	4.59	4.56	4.55	4.49	4.49	4.51	4.94	5.85	6.00	6.35	6.48	6.59	6.98	6.90	6.81	6.46	6.03	4.83	4.78
95	5.03	5.01	5.00	4.95	4.94	4.88	4.87	4.81	4.79	4.75	4.75	4.71	5.18	5.21	5.21	5.24	5.25	5.30	5.30
100	5.61	5.58	5.64	5.62	5.60	5.53	5.50	5.42	5.38	5.32	5.33	5.27	5.87	5.90	5.90	5.96	5.95	6.01	5.98
105	6.41	6.41	6.49	6.57	6.55	6.47	6.42	6.34	6.29	6.23	6.23	6.19	6.85	6.89	6.89	6.97	6.97	7.01	6.88
110	7.27	7.35	7.41	7.48	7.47	7.40	7.35	7.27	7.23	7.20	7.21	7.15	7.81	7.86	7.85	7.93	7.92	7.93	7.78
115	8.21	8.30	8.38	8.40	8.41	8.34	8.29	8.21	8.14	8.08	8.10	8.01	8.75	8.82	8.80	8.86	8.85	8.84	8.73
120	9.26	9.35	9.44	9.44	9.45	9.37	9.33	9.23	9.15	9.03	9.03	8.97	9.77	9.84	9.82	9.87	9.86	9.86	9.76
125	10.5	10.5	10.6	10.6	10.6	10.5	10.5	10.4	10.3	10.1	10.1	10.0	10.9	11.0	11.0	11.0	11.0	11.0	10.9
130	11.8	11.9	12.0	12.0	12.0	11.9	11.8	11.7	11.5	11.3	11.3	11.3	12.1	12.2	12.2	12.3	12.3	12.3	12.2
135	13.2	13.3	13.5	13.4	13.4	13.3	13.2	13.0	12.9	12.7	12.6	12.6	13.3	13.5	13.5	13.6	13.6	13.6	13.5
140	14.7	14.8	15.0	14.9	14.9	14.7	14.6	14.4	14.2	14.0	14.0	13.9	14.6	14.7	14.8	14.9	14.9	15.0	14.9
145	16.1	16.3	16.4	16.3	16.3	16.1	15.9	15.7	15.4	15.3	15.2	15.2	15.7	15.9	16.0	16.2	16.2	16.3	16.2
150	17.5	17.7	17.6	17.5	17.4	17.2	16.9	16.7	16.4	16.2	16.2	16.2	16.5	16.7	16.9	17.1	17.2	17.4	17.4
155	18.6	18.7	18.6	18.4	18.3	18.1	17.9	17.6	17.3	17.1	17.1	17.0	17.2	17.4	17.6	17.7	17.9	18.1	18.2
160	19.8	19.8	19.6	19.4	19.2	19.0	18.9	18.6	18.2	18.0	18.0	17.9	18.0	18.2	18.3	18.5	18.6	18.9	19.0
165	21.5	21.3	21.1	20.9	20.6	20.3	20.2	19.8	19.4	19.1	19.1	19.0	18.8	19.0	19.2	19.3	19.5	19.8	19.9
170	23.7	23.2	22.8	22.2	21.7	21.3	21.1	20.7	20.2	20.1	20.1	20.1	19.8	19.9	20.2	20.4	20.6	21.0	21.2
175	22.9	22.5	21.9	21.5	21.1	20.9	20.8	20.6	20.3	20.4	20.4	20.4	20.2	20.2	20.3	20.5	20.7	20.9	21.0
180	21.2	21.0	20.7	20.5	20.3	20.5	20.5	20.6	20.8	20.9	21.1	21.5	21.3	21.0	20.7	20.4	20.4	20.4	20.5

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

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	2391	2391	2391	2391	2391														
5	2312	2314	2305	2305	2294														
10	2108	2110	2093	2090	2071														
15	1803	1813	1792	1788	1768														
20	1509	1515	1496	1497	1483														
25	1523	1561	1563	1540	1554														
30	1467	1462	1404	1426	1415														
35	932	931	928	929	920														
40	773	774	764	765	762														
45	473	473	413	411	371														
50	55.7	54.6	53.1	54.0	53.8														
55	36.8	37.3	37.1	37.9	37.2														
60	24.8	24.8	24.5	25.0	24.1														
65	15.7	15.4	14.9	15.1	14.4														
70	8.17	7.79	7.26	7.26	6.83														
75	5.99	5.89	5.84	5.77	5.73														
80	6.01	5.92	5.87	5.80	5.77														
85	6.16	6.08	6.04	5.97	5.95														
90	4.84	4.85	4.89	4.88	4.92														
95	5.36	5.37	5.43	5.43	5.46														
100	6.02	6.04	6.11	6.11	6.14														
105	6.90	6.85	6.97	6.97	7.02														
110	7.81	7.72	7.83	7.83	7.90														
115	8.74	8.64	8.72	8.74	8.81														
120	9.76	9.65	9.70	9.71	9.82														
125	10.9	10.8	10.8	10.8	11.0														
130	12.2	12.1	12.1	12.1	12.2														
135	13.4	13.4	13.4	13.4	13.5														
140	14.8	14.7	14.8	14.8	14.9														
145	16.2	16.1	16.3	16.3	16.3														
150	17.5	17.4	17.5	17.5	17.5														
155	18.4	18.4	18.4	18.4	18.5														
160	19.3	19.5	19.6	19.6	19.7														
165	20.3	20.7	21.1	21.2	21.2														
170	21.8	22.5	23.2	23.5	23.5														
175	21.3	21.7	22.4	22.8	22.8														
180	20.6	20.8	20.9	21.1	21.4														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-12-10

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: