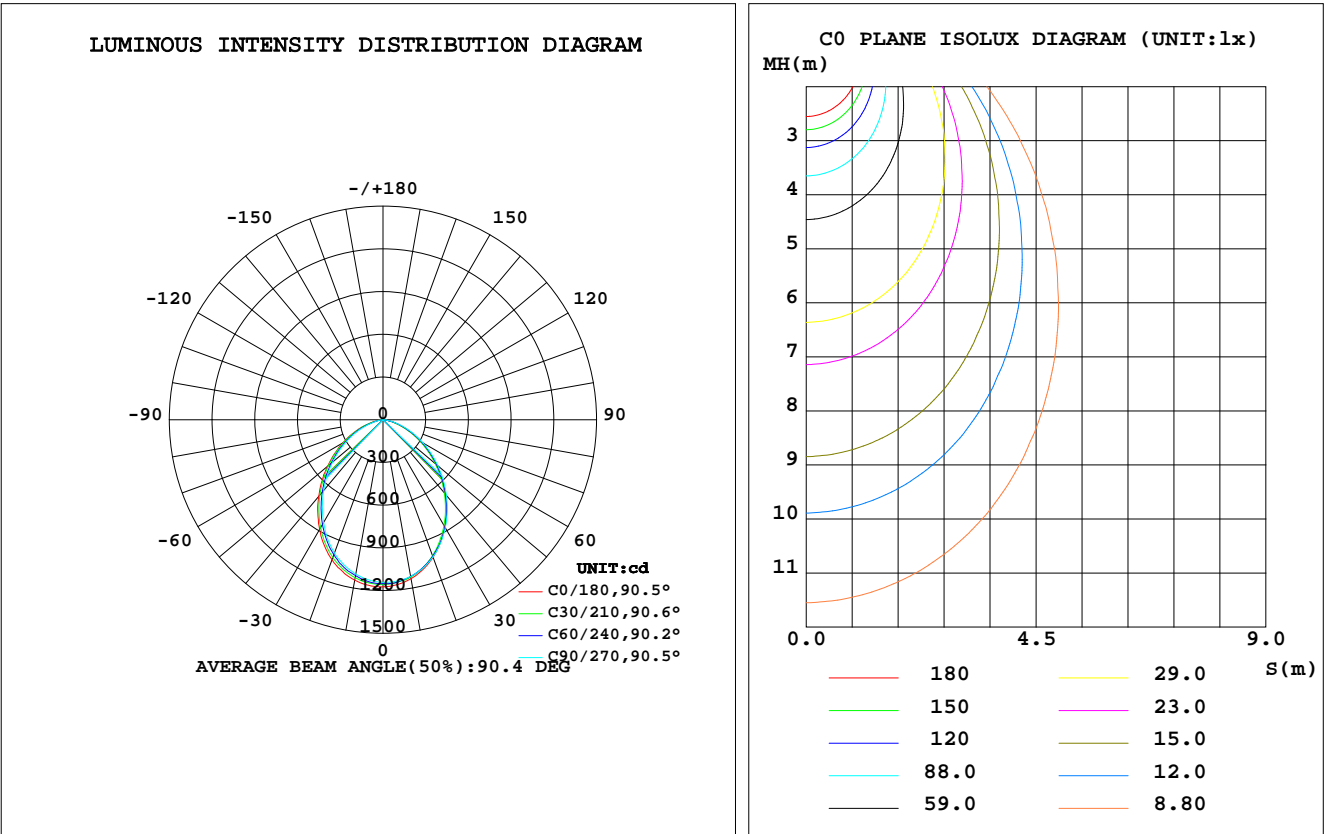


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.63 lm/W
MODEL	BL192-30W-860-W-90	Imax(cd)	1174	S/MH(C0/180)	1.12	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2451.5	η UP,DN(C0-180)	0.1,50.7	
NOMINAL FLUX(lm)	2451.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.1	
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	226.9	η down(%)	99.8	CIBSE SHR MAX	1.25	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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	1134	1119	1118	1107	1144	1116	1101	1086	0- 10	107.7	107.7	4.39,4.39
20	1028	1021	1026	1015	1047	1013	996.8	979.9	10- 20	300.9	408.6	16.7,16.7
30	867.0	868.3	874.9	867.4	890.6	855.9	835.0	819.6	20- 30	431.8	840.4	34.3,34.3
40	677.3	682.8	692.5	686.0	702.4	668.9	648.5	638.4	30- 40	478.5	1319	53.8,53.8
50	485.2	492.1	503.4	498.6	507.4	479.1	461.3	453.1	40- 50	444.8	1764	71.9,71.9
60	304.4	312.8	323.8	321.6	325.9	301.3	287.0	280.2	50- 60	351.0	2115	86.3,86.3
70	146.2	155.5	165.2	165.5	168.3	145.5	135.1	131.6	60- 70	223.1	2338	95.4,95.4
80	37.17	38.89	43.77	43.62	44.08	34.44	29.22	27.65	70- 80	93.66	2432	99.2,99.2
90	0	0	0.0184	0	0	0	0	0	80- 90	15.38	2447	99.8,99.8
100	0	0	0	0	0	0	0	0	90-100	0.0001	2447	99.8,99.8
110	0	0	0	0	0.0031	0	0	0	100-110	0.0075	2447	99.8,99.8
120	0	0	0	0	0	0	0	0	110-120	0.0536	2447	99.8,99.8
130	1.310	0.0011	0	0	0.0194	0	0.0033	0	120-130	0.0435	2447	99.8,99.8
140	2.621	1.153	0.7361	1.076	3.027	0.6211	1.071	0.4457	130-140	0.3559	2447	99.8,99.8
150	4.544	2.357	1.720	2.145	4.328	1.995	2.065	1.707	140-150	1.022	2448	99.9,99.9
160	6.526	3.518	3.513	3.533	5.235	3.443	3.219	3.112	150-160	1.402	2450	99.9,99.9
170	7.499	4.742	4.422	4.121	4.965	4.744	4.425	3.975	160-170	1.210	2451	100,100
180	7.554	5.106	5.371	5.102	6.572	5.502	4.969	4.647	170-180	0.5016	2451	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

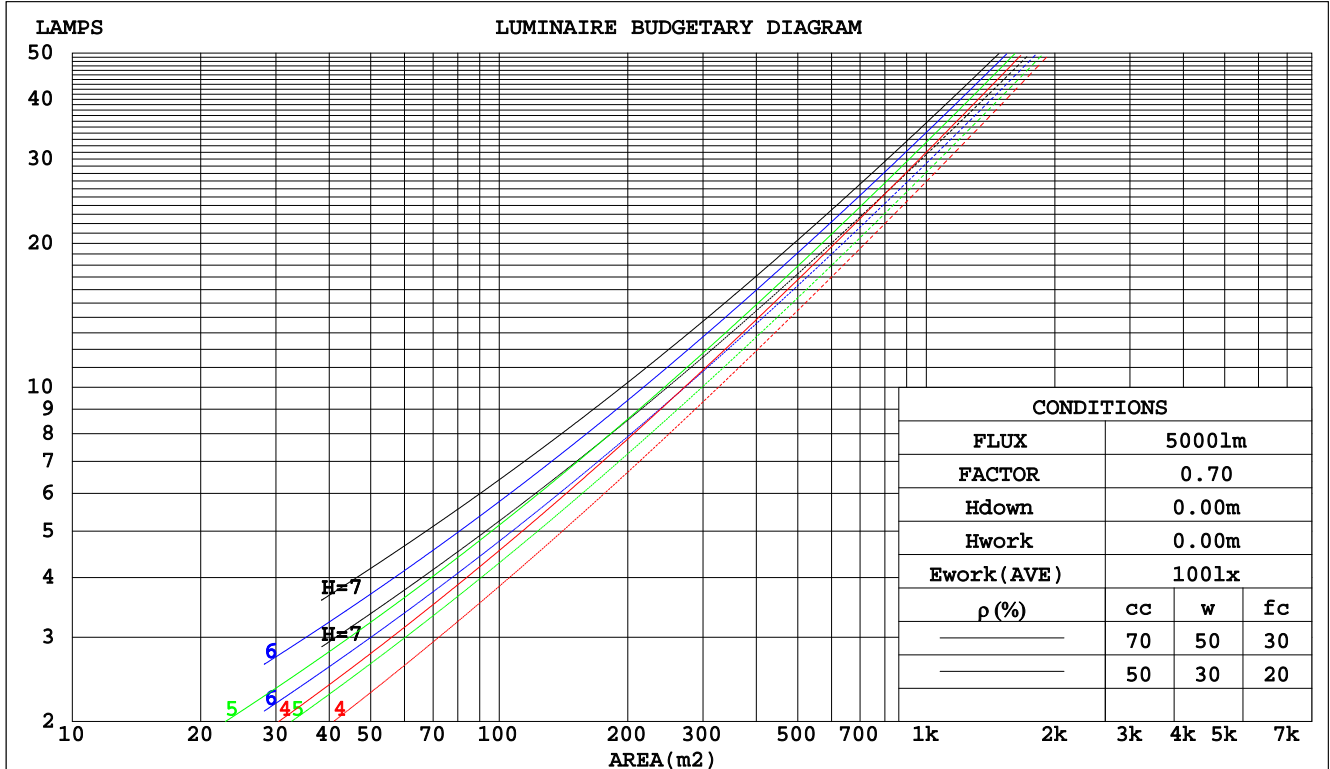
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.00	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.59	.69	.63	.59	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.59	.53	.64	.57	.52	.62	.56	.52	.61	.55	.51	.49
6.0	.61	.53	.47	.60	.52	.47	.58	.51	.46	.57	.51	.46	.55	.50	.45	.43
7.0	.56	.48	.42	.55	.47	.42	.54	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.38	.51	.43	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.40	.35	.31	.29



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [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	.267 .152 .048	.260 .148 .047	.247 .142 .045	.235 .135 .043	.223 .130 .042	
2.0	.257 .141 .043	.251 .138 .043	.240 .133 .041	.229 .129 .040	.219 .124 .039	
3.0	.242 .129 .039	.237 .127 .038	.227 .123 .037	.218 .119 .037	.209 .116 .036	
4.0	.227 .118 .035	.222 .116 .034	.213 .113 .034	.205 .110 .033	.197 .107 .033	
5.0	.212 .108 .031	.208 .107 .031	.200 .104 .031	.192 .102 .030	.186 .099 .030	
6.0	.198 .099 .028	.195 .098 .028	.187 .096 .028	.181 .094 .028	.175 .092 .027	
7.0	.186 .092 .026	.183 .091 .026	.176 .089 .026	.170 .087 .025	.165 .086 .025	
8.0	.175 .085 .024	.172 .085 .024	.166 .083 .024	.161 .081 .023	.156 .080 .023	
9.0	.165 .080 .022	.162 .079 .022	.157 .078 .022	.152 .076 .022	.147 .075 .022	
10.0	.155 .075 .021	.153 .074 .021	.148 .073 .020	.144 .072 .020	.140 .070 .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	.192 .192 .192	.164 .164 .164	.112 .112 .112	.064 .064 .064	.021 .021 .021	
1.0	.179 .158 .139	.153 .136 .120	.105 .093 .083	.060 .054 .048	.019 .017 .016	
2.0	.169 .134 .104	.145 .115 .090	.099 .080 .062	.057 .046 .037	.018 .015 .012	
3.0	.161 .116 .080	.138 .100 .069	.095 .069 .048	.055 .040 .029	.018 .013 .009	
4.0	.153 .102 .063	.131 .088 .055	.090 .061 .039	.052 .036 .023	.017 .012 .008	
5.0	.145 .091 .051	.125 .079 .045	.086 .055 .032	.050 .032 .019	.016 .011 .006	
6.0	.139 .083 .043	.119 .072 .037	.082 .050 .026	.048 .030 .016	.015 .010 .005	
7.0	.132 .076 .036	.114 .066 .032	.078 .046 .023	.046 .027 .013	.015 .009 .004	
8.0	.126 .070 .032	.108 .061 .028	.075 .043 .020	.044 .025 .012	.014 .008 .004	
9.0	.120 .065 .028	.104 .056 .024	.072 .040 .017	.042 .023 .010	.014 .008 .003	
10.0	.115 .061 .025	.099 .053 .022	.069 .037 .015	.040 .022 .009	.013 .007 .003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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					23.9	25.3	24.1	25.5	25.7	24.2	25.6	24.4	25.8	26.0
3H					24.7	26.0	25.0	26.2	26.5	25.2	26.4	25.4	26.7	26.9
4H					25.0	26.2	25.3	26.4	26.7	25.4	26.7	25.8	26.9	27.2
6H					25.0	26.2	25.3	26.4	26.7	25.6	26.7	25.9	27.0	27.2
8H					25.0	26.1	25.4	26.4	26.7	25.6	26.7	25.9	26.9	27.2
12H					25.0	26.1	25.3	26.3	26.6	25.5	26.6	25.9	26.9	27.2
4H 2H					24.3	25.5	24.6	25.8	26.0	24.6	25.8	24.9	26.0	26.3
3H					25.3	26.4	25.7	26.7	27.0	25.7	26.7	26.0	27.0	27.3
4H					25.6	26.6	26.0	26.9	27.2	26.1	27.0	26.4	27.3	27.7
6H					25.7	26.6	26.1	26.9	27.3	26.2	27.1	26.6	27.4	27.8
8H					25.7	26.5	26.1	26.9	27.3	26.3	27.1	26.7	27.4	27.8
12H					25.7	26.4	26.2	26.8	27.2	26.3	27.0	26.7	27.4	27.8
8H 4H					25.7	26.5	26.1	26.8	27.2	26.1	26.9	26.5	27.3	27.7
6H					25.9	26.5	26.3	26.9	27.3	26.4	27.0	26.8	27.4	27.8
8H					25.9	26.5	26.4	26.9	27.3	26.4	27.0	26.9	27.4	27.9
12H					25.9	26.4	26.4	26.9	27.3	26.5	26.9	26.9	27.4	27.9
12H 4H					25.7	26.4	26.1	26.8	27.2	26.1	26.8	26.5	27.2	27.6
6H					25.8	26.4	26.3	26.8	27.3	26.3	26.9	26.8	27.3	27.8
8H					25.9	26.4	26.4	26.8	27.3	26.4	26.9	26.9	27.4	27.8
Variations with the observer position at spacings:														
S = 1.0H					+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H					+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H					+ 0.6 / - 0.7					+ 0.6 / - 0.6				

CIE Pub.117 Corrected 2451 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

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

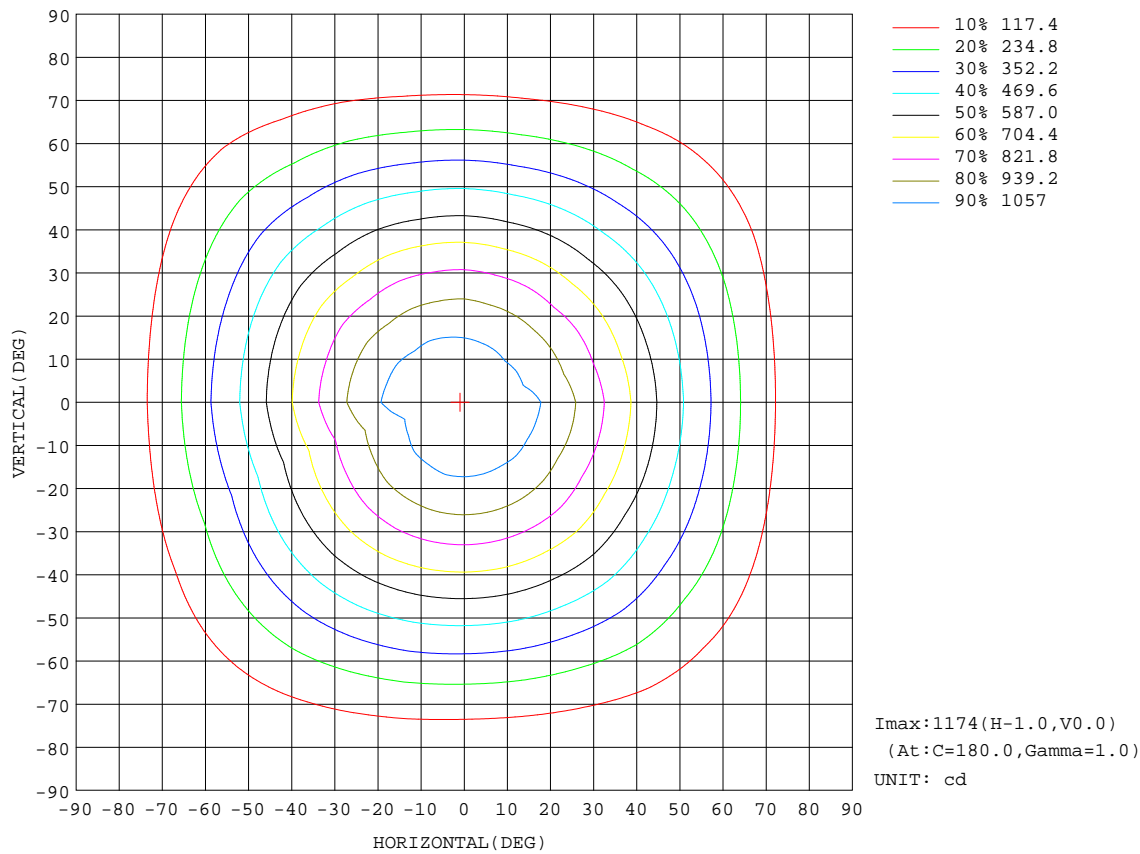
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	63	52	46	62	52	45	61	51	45	39
0.80	73	62	56	72	62	55	70	61	55	49
1.00	81	71	65	80	70	64	78	72	64	57
1.25	88	78	72	86	78	72	84	76	71	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	99	91	86	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
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: 2015-04-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

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

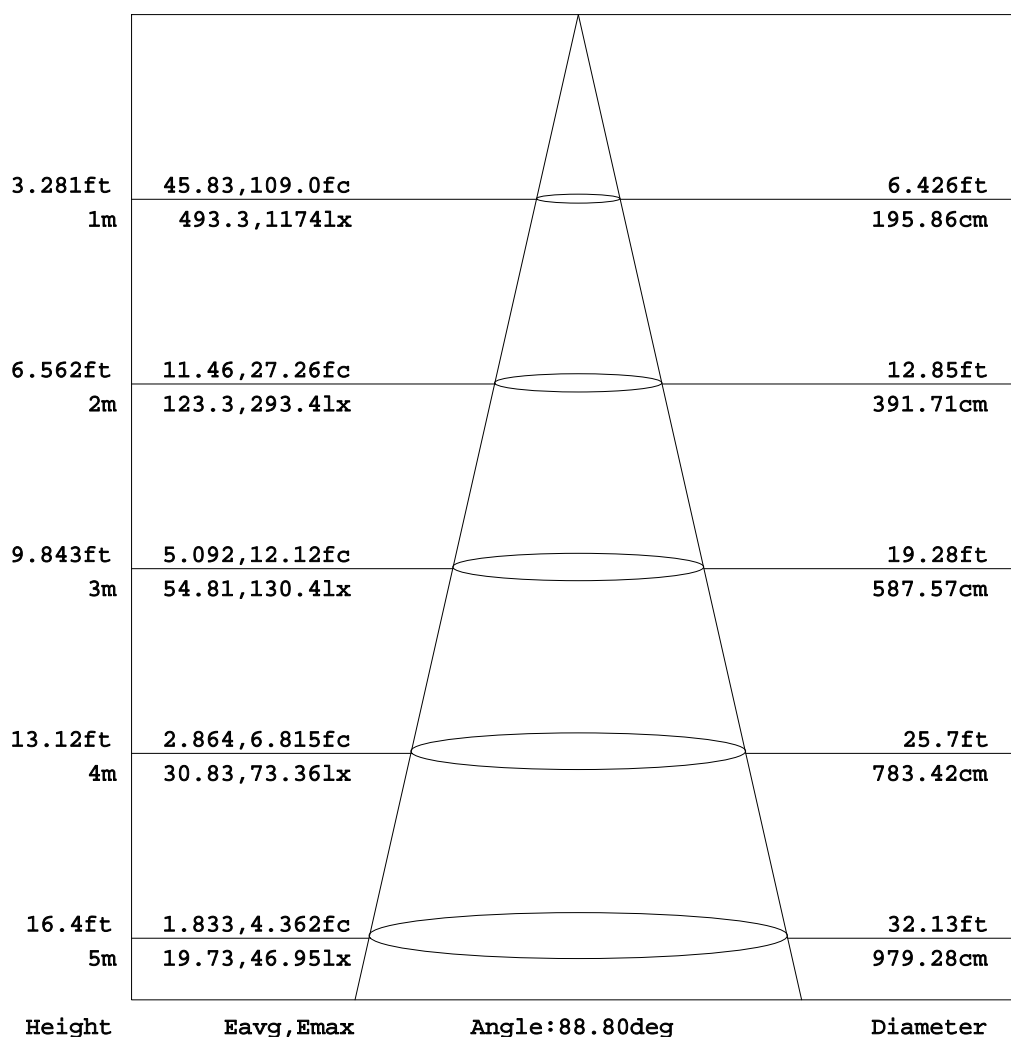


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:QiuMing	Test Distance:6.200m [K=1.0000]
Test Date:2015-04-17	Remarks:

### AAI Figure

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

Flux out:1550 lm



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

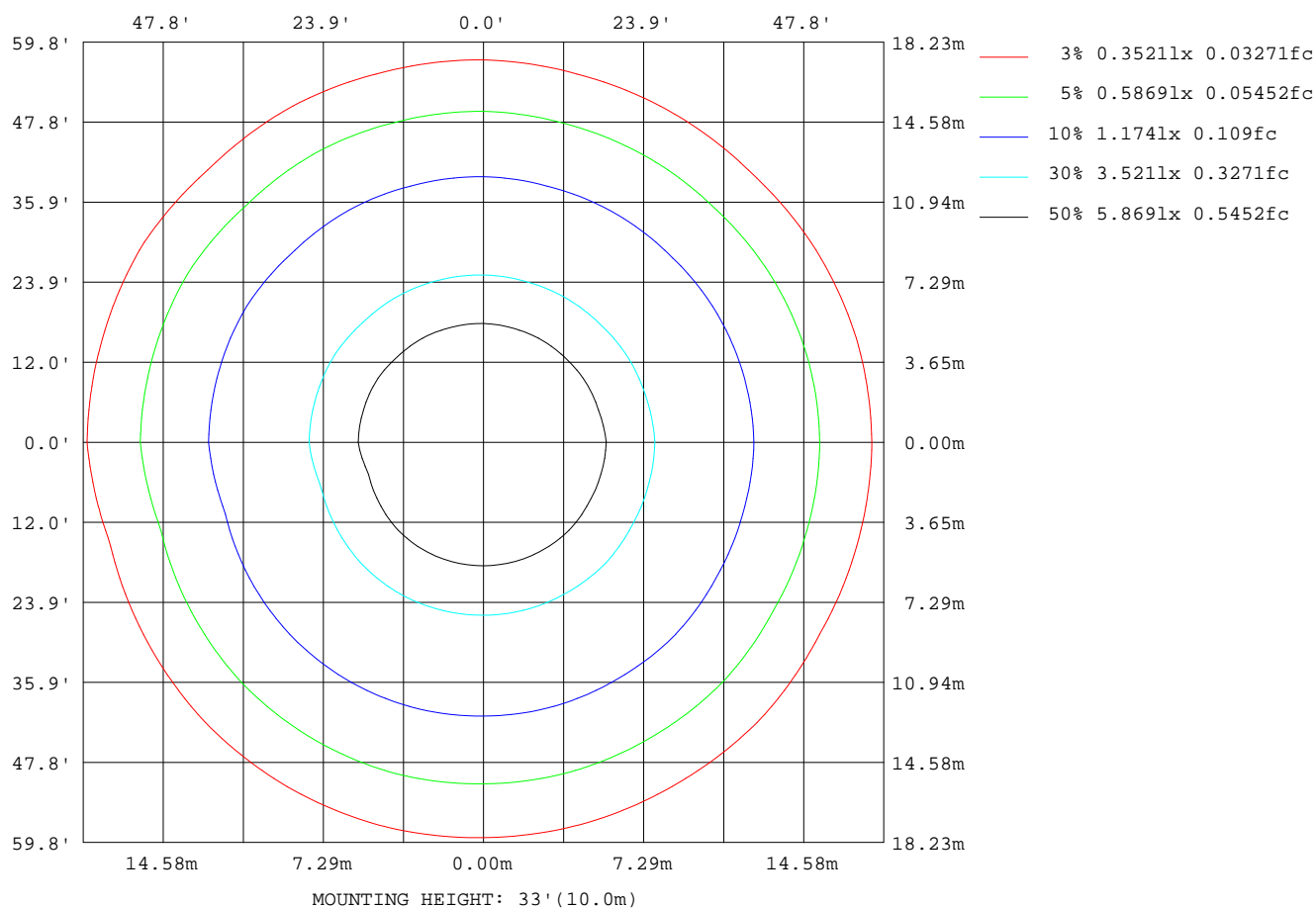
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

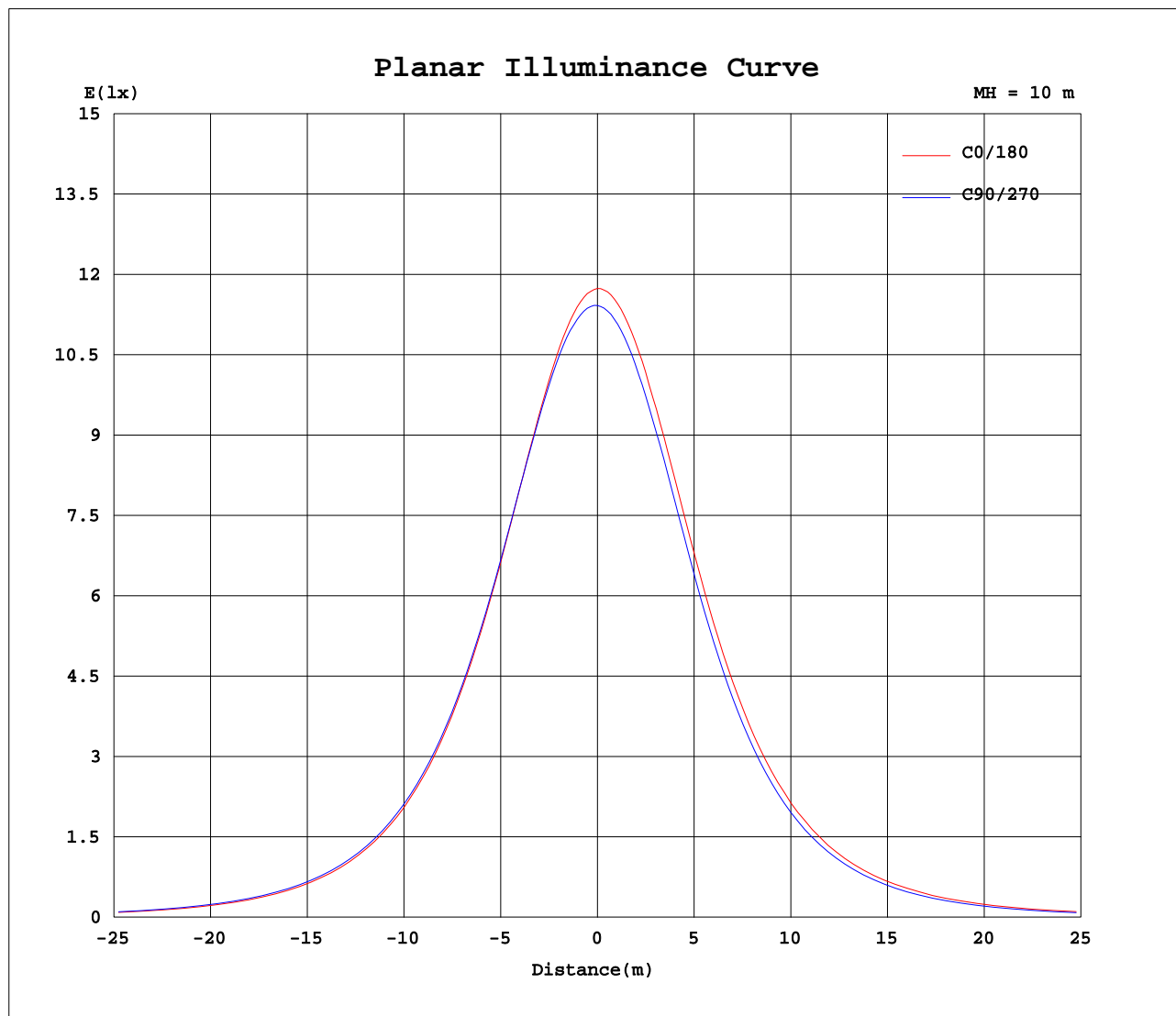
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [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: 2015-04-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.200m [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	1174	1163	1158	1151	1151	1146	1142	1140	1136	1132	1126	1126	1174	1163	1158	1151	1151	1146	1142
5	1162	1152	1146	1147	1145	1140	1137	1138	1131	1128	1120	1116	1167	1158	1150	1143	1142	1134	1129
10	1134	1122	1121	1119	1118	1117	1118	1114	1110	1107	1097	1091	1144	1136	1126	1116	1112	1107	1101
15	1088	1079	1077	1083	1077	1079	1080	1078	1072	1069	1057	1050	1102	1096	1086	1075	1070	1062	1056
20	1028	1018	1017	1021	1021	1024	1026	1024	1019	1015	1002	992	1047	1036	1030	1013	1009	1001	997
25	953	947	941	950	953	955	956	955	951	947	933	922	975	965	959	940	935	923	921
30	867	857	856	868	870	874	875	876	874	867	850	840	891	882	876	856	850	839	835
35	776	765	765	778	780	784	786	787	786	778	765	751	799	790	784	764	759	749	743
40	677	671	671	683	684	691	693	694	693	686	672	658	702	695	690	669	664	653	648
45	579	577	575	587	589	595	598	599	599	592	579	563	604	599	594	573	569	557	554
50	485	478	480	492	494	500	503	507	504	499	486	472	507	504	499	479	475	465	461
55	393	389	388	400	402	409	412	415	413	408	396	383	415	411	407	388	385	375	372
60	304	301	300	313	314	320	324	326	326	322	310	299	326	323	320	301	299	290	287
65	221	221	218	231	232	238	241	245	244	240	229	220	245	239	236	220	219	209	207
70	146	144	144	155	157	163	165	170	168	165	156	148	168	163	161	146	145	138	135
75	85.3	76.3	82.6	86.4	93.8	94.2	100	102	103	95.3	92.7	81.5	96.7	98.7	93.3	85.3	78.6	78.2	71.0
80	37.2	37.2	33.6	38.9	39.9	43.0	43.8	46.6	45.5	43.6	39.8	35.4	44.1	42.7	42.5	34.4	33.6	30.8	29.2
85	13.5	12.9	10.0	14.5	14.7	15.7	16.7	17.3	16.4	16.3	14.6	11.7	17.8	16.2	15.7	11.5	10.8	8.77	7.55
90	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
130	1.31	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
135	2.94	1.98	0.00	0.47	0.00	0.29	0.12	0.15	0.04	0.20	0.00	0.00	5.15	0.74	0.00	0.00	0.00	0.27	0.01
140	2.62	2.04	0.36	1.15	0.87	1.02	0.74	0.66	1.03	1.08	1.90	0.38	3.03	1.80	0.55	0.62	0.47	0.66	1.07
145	3.26	3.64	0.98	2.07	1.54	1.55	1.31	1.25	1.61	1.55	1.48	1.06	3.41	1.09	1.36	1.74	1.33	1.23	1.27
150	4.54	4.49	1.49	2.36	2.25	2.05	1.72	1.95	2.18	2.15	2.28	1.66	4.33	2.71	1.84	2.00	2.35	1.96	2.07
155	6.14	4.69	2.13	3.53	3.18	2.88	2.87	2.93	2.83	2.70	1.98	2.78	4.57	3.80	2.71	2.81	2.62	2.87	3.12
160	6.53	6.57	3.14	3.52	3.79	3.18	3.51	3.56	3.25	3.53	2.44	3.54	5.23	3.60	3.40	3.44	3.65	3.43	3.22
165	7.06	6.44	4.00	4.11	3.81	4.17	4.12	4.10	3.72	3.89	3.46	3.89	7.69	7.11	4.43	3.95	4.54	4.08	4.12
170	7.50	6.57	4.54	4.74	5.07	4.39	4.42	4.93	4.38	4.12	4.37	4.67	4.97	6.00	5.74	4.74	4.91	4.56	4.42
175	7.22	9.93	5.30	4.91	5.60	4.74	4.88	5.19	4.55	4.45	5.11	5.19	6.57	6.12	6.16	5.26	5.00	5.53	5.28
180	7.55	7.46	5.15	5.11	5.40	5.61	5.37	5.77	5.02	5.10	4.34	4.84	6.57	6.78	5.35	5.50	5.72	5.67	4.97

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [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	1140	1136	1132	1126	1126														
5	1126	1121	1116	1115	1115														
10	1096	1093	1086	1090	1091														
15	1050	1046	1040	1047	1050														
20	989	986	980	989	993														
25	912	911	908	915	923														
30	826	825	820	834	842														
35	734	733	732	745	754														
40	640	640	638	651	661														
45	545	545	545	557	568														
50	453	454	453	466	475														
55	364	364	365	376	385														
60	280	280	280	292	300														
65	202	201	202	212	220														
70	130	131	132	140	148														
75	73.2	67.0	73.8	74.4	86.2														
80	27.2	27.0	27.7	31.3	35.5														
85	6.93	6.80	7.17	9.83	12.2														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.09	0.60	0.00	0.00	0.00														
140	0.91	1.15	0.45	0.00	0.24														
145	1.25	1.66	0.94	0.96	1.16														
150	1.82	2.16	1.71	1.91	1.18														
155	2.56	2.97	2.43	2.99	2.27														
160	2.93	3.58	3.11	3.50	2.60														
165	3.48	4.25	3.70	4.26	3.36														
170	3.91	4.84	3.98	4.62	4.33														
175	4.53	5.42	4.82	4.48	4.88														
180	5.27	4.97	4.65	5.41	5.24														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-04-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.200m [K=1.0000]  
Remarks: