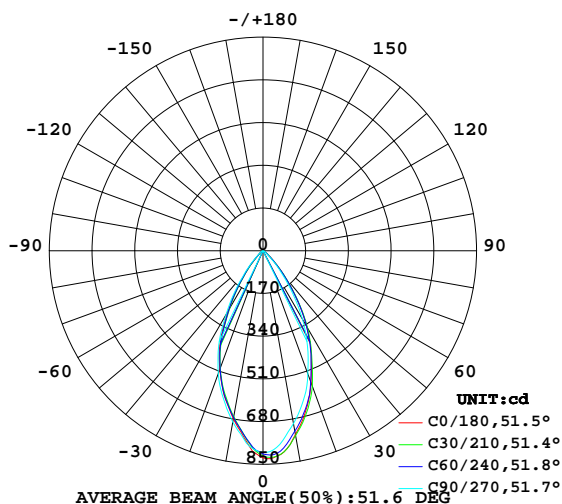


## LUMINAIRE PHOTOMETRIC TEST REPORT

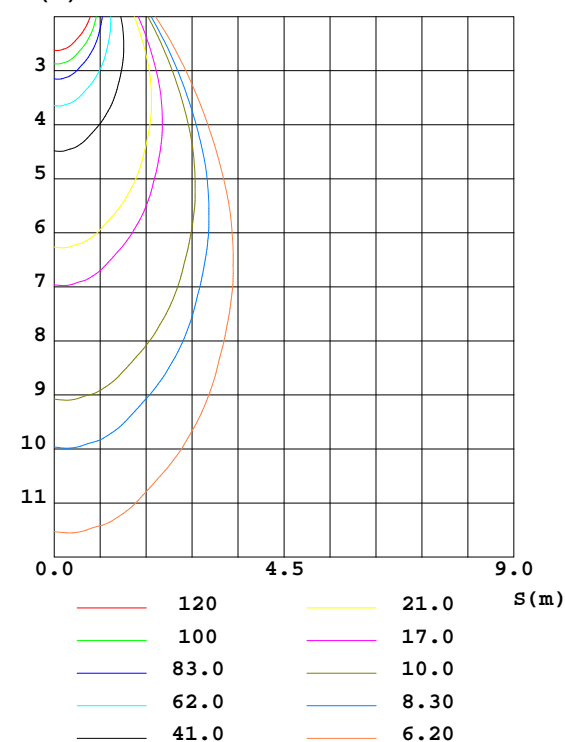
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.03 lm/W			
MODEL	M012-8W-830-S-60	Imax(cd)	828.2	S/MH(C0/180)	0.81
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	644.73	η UP,DN(C0-180)	1.2,49.2
NOMINAL FLUX(lm)	644.73	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.3
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.5	CIBSE SHR MAX	0.85

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:2015-10-21

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	743.4	744.5	698.8	653.3	679.4	668.3	693.0	729.6	0- 10	71.32	71.32	11.1,11.1
20	559.8	575.5	522.9	475.3	503.7	494.9	520.0	555.2	10- 20	172.0	243.3	37.7,37.7
30	348.1	360.9	313.7	263.3	279.2	264.2	296.5	351.0	20- 30	190.8	434.1	67.3,67.3
40	138.7	144.8	113.4	85.50	89.32	86.02	105.3	143.9	30- 40	125.7	559.8	86.8,86.8
50	33.19	32.10	26.18	19.55	19.87	18.75	24.27	32.89	40- 50	45.58	605.3	93.9,93.9
60	10.87	10.23	8.763	7.553	7.880	8.358	8.908	10.47	50- 60	14.25	619.6	96.1,96.1
70	3.733	3.685	3.163	2.961	3.215	3.461	3.483	3.525	60- 70	5.555	625.1	97.97
80	1.331	1.223	1.182	1.171	1.278	1.380	1.302	1.400	70- 80	2.324	627.5	97.3,97.3
90	1.139	1.074	1.069	1.088	1.252	1.329	1.223	1.265	80- 90	1.365	628.8	97.5,97.5
100	1.170	1.167	1.178	1.246	1.472	1.592	1.405	1.325	90-100	1.333	630.2	97.7,97.7
110	1.462	1.429	1.494	1.614	1.842	1.943	1.748	1.634	100-110	1.546	631.7	98.98
120	1.978	1.931	2.033	2.195	2.404	2.488	2.274	2.116	110-120	1.873	633.6	98.3,98.3
130	2.717	2.643	2.764	2.964	3.113	3.177	2.958	2.765	120-130	2.251	635.8	98.6,98.6
140	3.548	3.471	3.571	3.754	3.854	3.882	3.693	3.507	130-140	2.523	638.3	99.99
150	4.261	4.193	4.222	4.373	4.441	4.424	4.281	4.143	140-150	2.497	640.8	99.4,99.4
160	4.689	4.649	4.603	4.700	4.777	4.729	4.628	4.537	150-160	2.071	642.9	99.7,99.7
170	4.944	4.892	4.827	4.848	4.984	4.878	4.828	4.787	160-170	1.346	644.3	99.9,99.9
180	5.152	5.099	5.033	5.020	5.167	5.091	5.037	4.999	170-180	0.4710	644.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

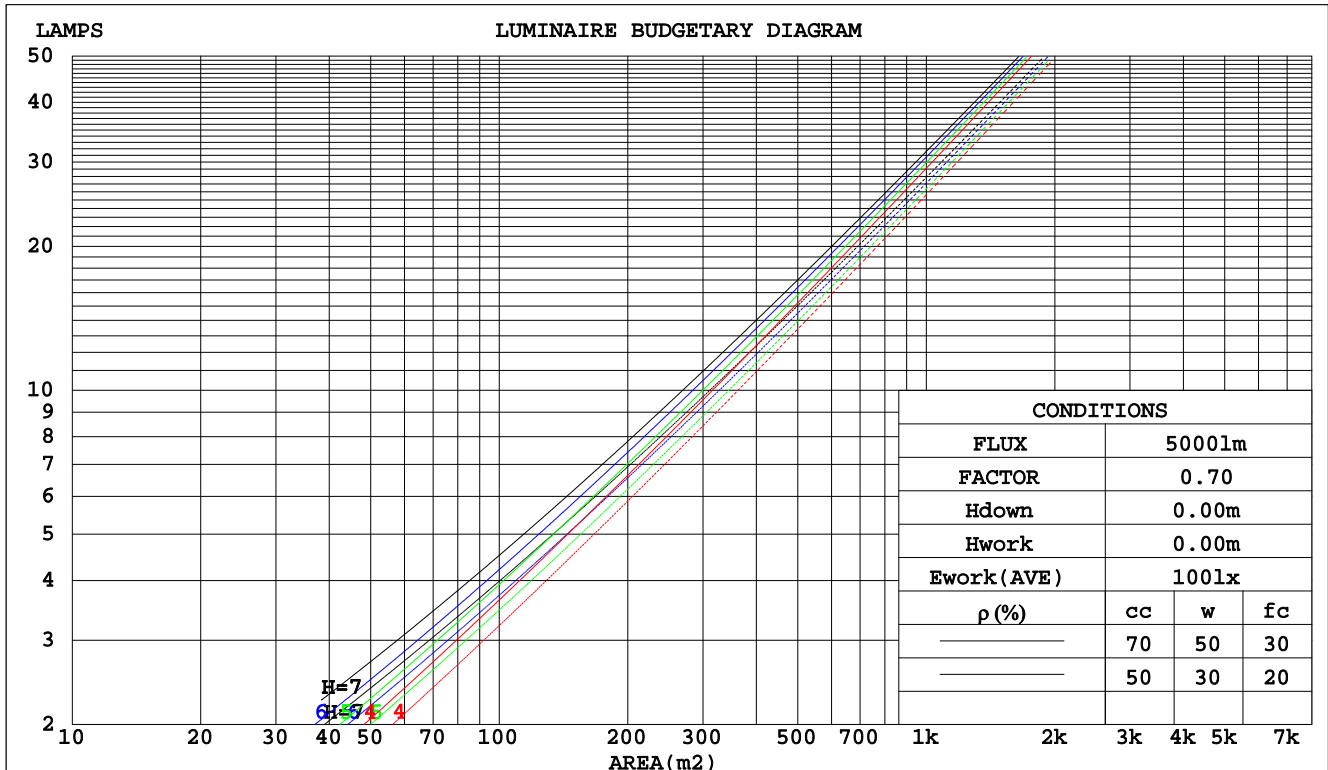
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

$\gamma$  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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.98	.94	.90	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.87	.84	.81	.85	.82	.80	.78
4.0	.88	.82	.78	.87	.82	.77	.84	.80	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.82	.76	.72	.81	.76	.71	.79	.74	.71	.77	.73	.70	.75	.72	.69	.67
6.0	.77	.71	.67	.76	.70	.66	.74	.69	.66	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.66	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.68	.62	.58	.68	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.57	.54	.62	.57	.54	.61	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.58	.53	.50	.49



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

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	.186 .106 .034	.179 .102 .032	.165 .094 .030	.152 .088 .028	.140 .081 .026	
2.0	.178 .097 .030	.171 .094 .029	.159 .089 .028	.148 .083 .026	.138 .078 .025	
3.0	.169 .090 .027	.163 .087 .026	.153 .083 .025	.143 .079 .024	.135 .075 .023	
4.0	.160 .083 .024	.156 .081 .024	.147 .078 .023	.138 .074 .022	.130 .071 .022	
5.0	.152 .078 .023	.148 .076 .022	.140 .073 .022	.133 .070 .021	.126 .067 .020	
6.0	.145 .073 .021	.141 .071 .021	.134 .069 .020	.128 .066 .020	.122 .064 .019	
7.0	.138 .068 .019	.135 .067 .019	.129 .065 .019	.123 .063 .018	.117 .061 .018	
8.0	.132 .065 .018	.129 .064 .018	.123 .062 .018	.118 .060 .017	.113 .058 .017	
9.0	.126 .061 .017	.124 .060 .017	.118 .059 .017	.114 .057 .016	.109 .055 .016	
10.0	.121 .058 .016	.119 .057 .016	.114 .056 .016	.109 .054 .015	.105 .053 .015	

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	.191 .176 .163	.163 .151 .140	.112 .104 .097	.064 .060 .056	.021 .019 .018	
2.0	.176 .152 .131	.151 .130 .113	.103 .090 .079	.060 .053 .046	.019 .017 .015	
3.0	.164 .133 .108	.141 .115 .093	.097 .080 .066	.056 .046 .039	.018 .015 .013	
4.0	.154 .118 .091	.132 .102 .079	.091 .071 .056	.053 .042 .033	.017 .014 .011	
5.0	.146 .107 .078	.125 .092 .068	.086 .065 .048	.050 .038 .028	.016 .012 .009	
6.0	.138 .098 .068	.119 .085 .060	.082 .059 .042	.048 .035 .025	.015 .011 .008	
7.0	.132 .090 .061	.114 .078 .053	.078 .055 .038	.046 .032 .022	.015 .011 .007	
8.0	.126 .084 .055	.109 .073 .048	.075 .051 .034	.044 .030 .020	.014 .010 .007	
9.0	.121 .079 .050	.104 .068 .044	.072 .048 .031	.042 .028 .019	.014 .009 .006	
10.0	.117 .075 .047	.101 .065 .041	.070 .046 .029	.041 .027 .017	.013 .009 .006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

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	23.5	24.5	23.8	24.7	24.9	23.0	23.9	23.2	24.2	24.4					
3H	23.4	24.3	23.7	24.5	24.8	22.9	23.7	23.2	24.0	24.2					
4H	23.3	24.2	23.6	24.4	24.7	22.8	23.6	23.1	23.9	24.2					
6H	23.3	24.0	23.6	24.3	24.6	22.7	23.5	23.1	23.8	24.1					
8H	23.2	24.0	23.6	24.3	24.6	22.7	23.4	23.0	23.7	24.0					
12H	23.2	23.9	23.5	24.2	24.5	22.7	23.4	23.0	23.7	24.0					
4H 2H	23.3	24.1	23.6	24.4	24.7	22.8	23.6	23.1	23.9	24.2					
3H	23.2	23.9	23.6	24.2	24.5	22.7	23.4	23.0	23.7	24.0					
4H	23.1	23.8	23.5	24.1	24.5	22.6	23.3	23.0	23.6	24.0					
6H	23.1	23.6	23.5	24.0	24.4	22.6	23.1	23.0	23.5	23.9					
8H	23.0	23.6	23.5	24.0	24.4	22.5	23.1	23.0	23.5	23.9					
12H	23.0	23.5	23.5	23.9	24.4	22.5	23.0	23.0	23.4	23.9					
8H 4H	23.0	23.5	23.4	23.9	24.3	22.5	23.0	22.9	23.4	23.8					
6H	22.9	23.4	23.4	23.8	24.3	22.4	22.9	22.9	23.3	23.8					
8H	22.9	23.3	23.4	23.8	24.2	22.4	22.8	22.9	23.3	23.8					
12H	22.9	23.2	23.4	23.7	24.2	22.4	22.8	22.9	23.2	23.8					
12H 4H	22.9	23.4	23.4	23.8	24.3	22.4	22.9	22.9	23.3	23.8					
6H	22.9	23.3	23.4	23.7	24.2	22.4	22.8	22.9	23.2	23.7					
8H	22.9	23.2	23.4	23.7	24.2	22.4	22.7	22.9	23.2	23.7					
Variations with the observer position at spacings:															
S = 1.0H	+ 2.4 / - 6.0					+ 2.3 / - 6.2									
1.5H	+ 4.2 / - 4.9					+ 3.9 / - 4.6									
2.0H	+ 4.5 / - 4.6					+ 4.1 / - 3.5									

CIE Pub.117 Corrected 644.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

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:

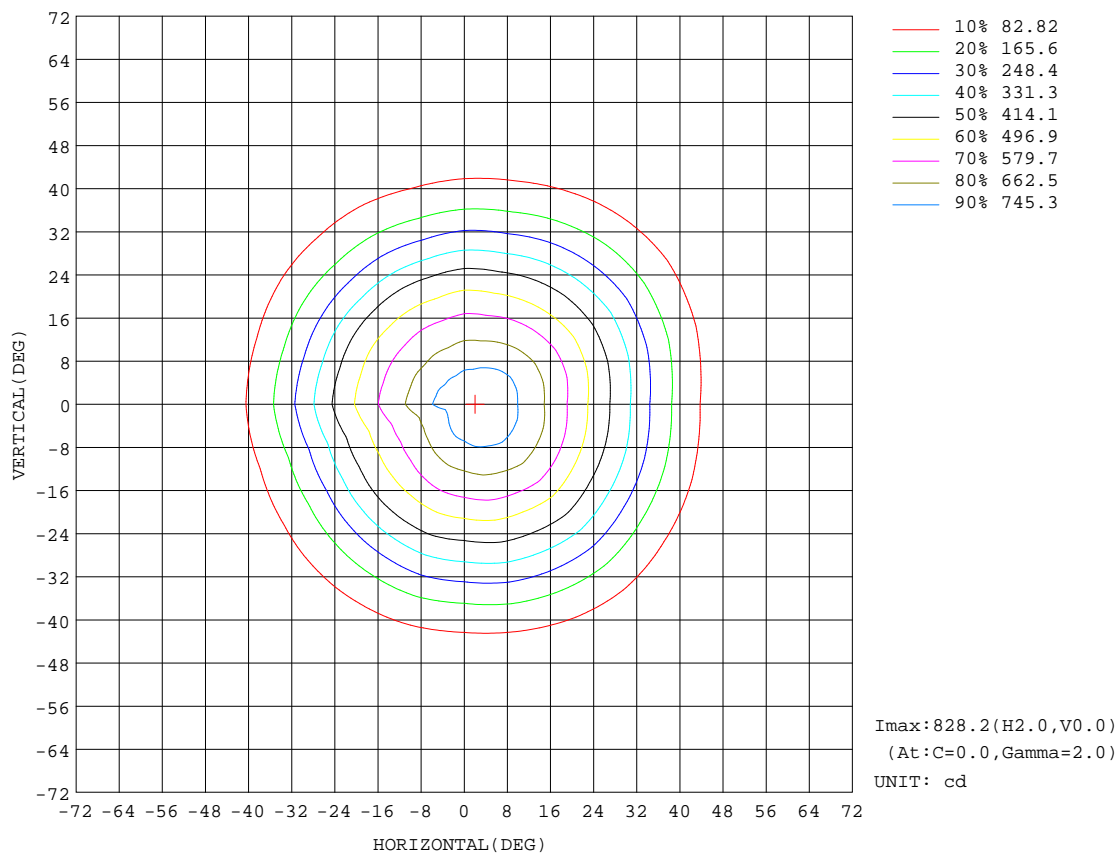
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	90	84	80	89	83	80	76
1.00	96	90	86	95	89	86	93	89	85	81
1.25	101	95	91	99	94	90	97	93	90	85
1.50	103	98	95	102	97	94	99	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
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: 2015-10-21

$\gamma$  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:



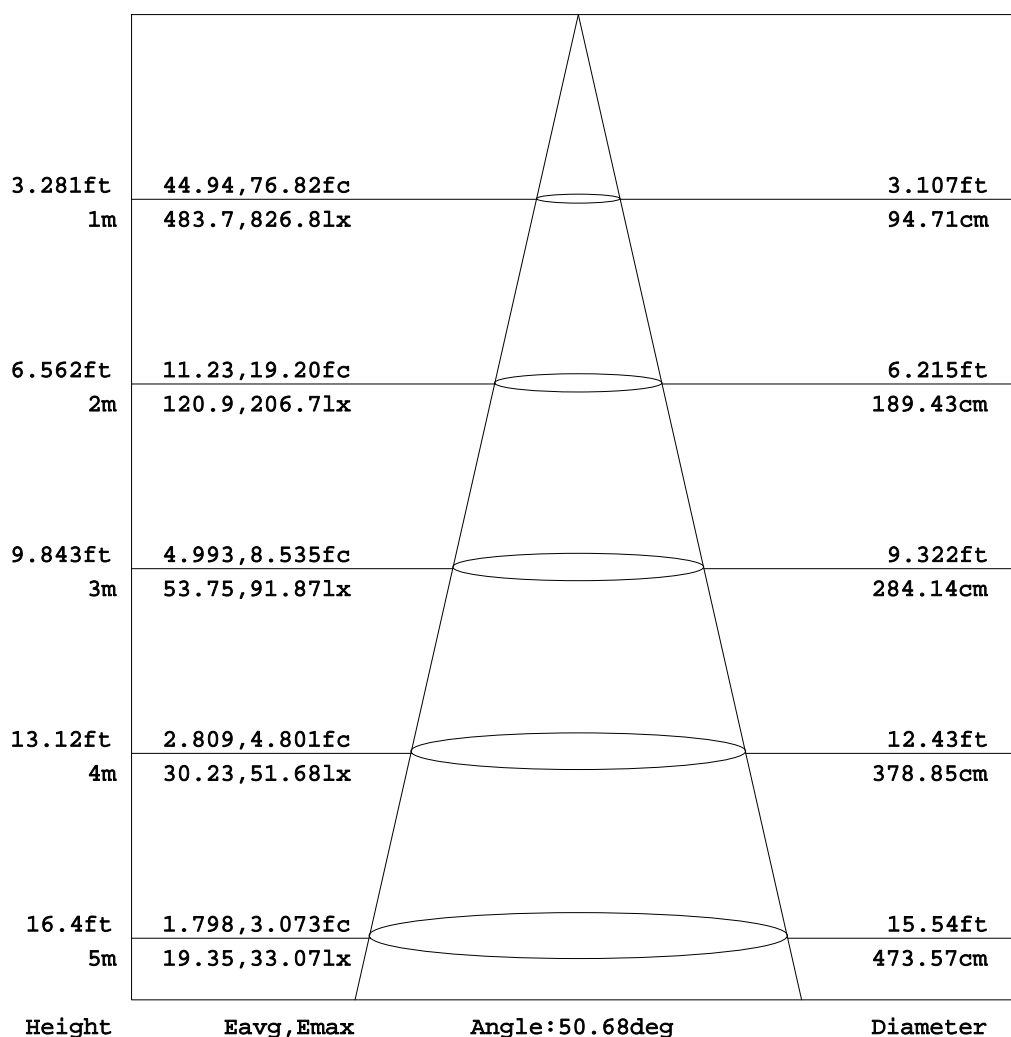
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

$\gamma$  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:361.5 lm



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

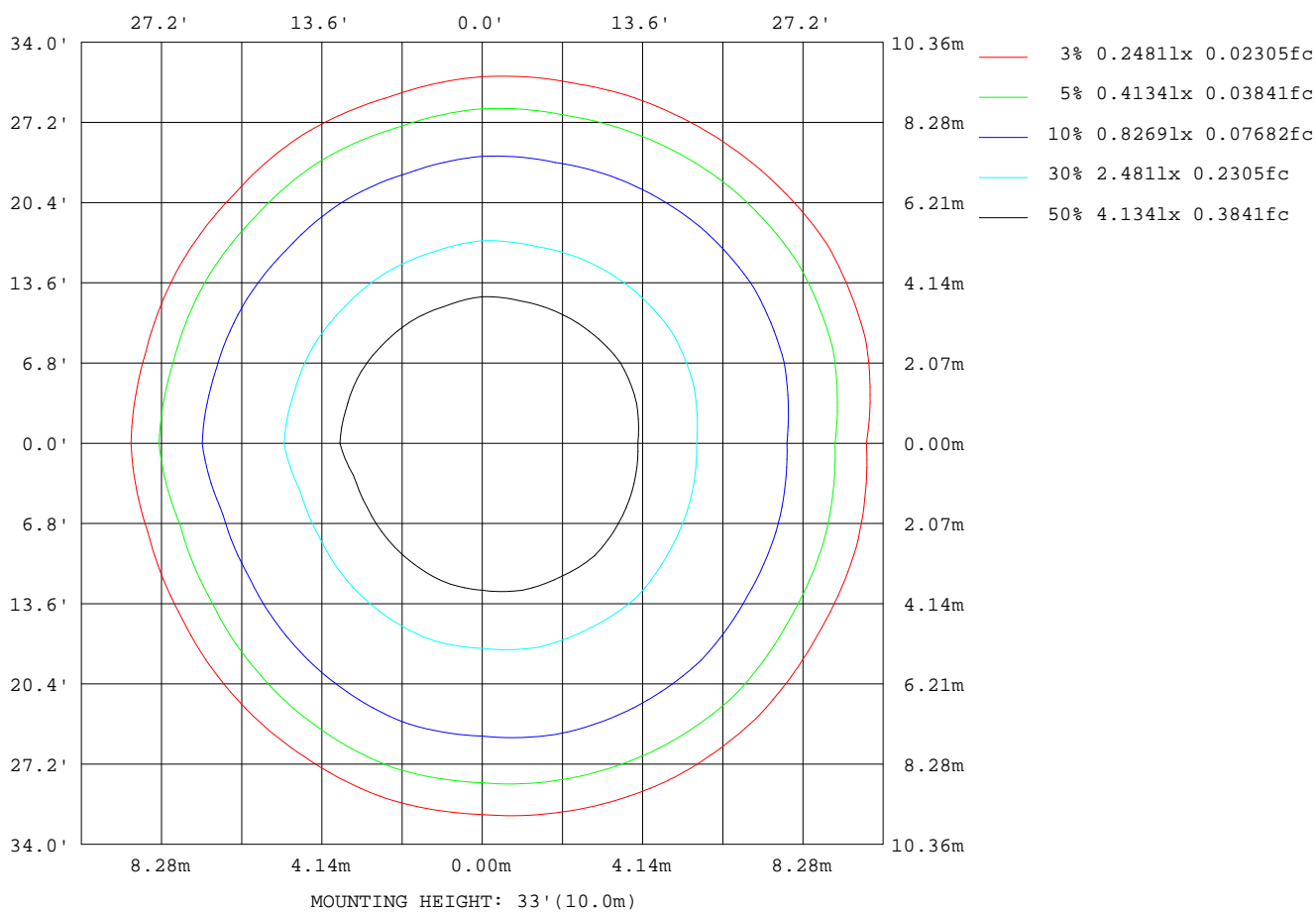
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

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

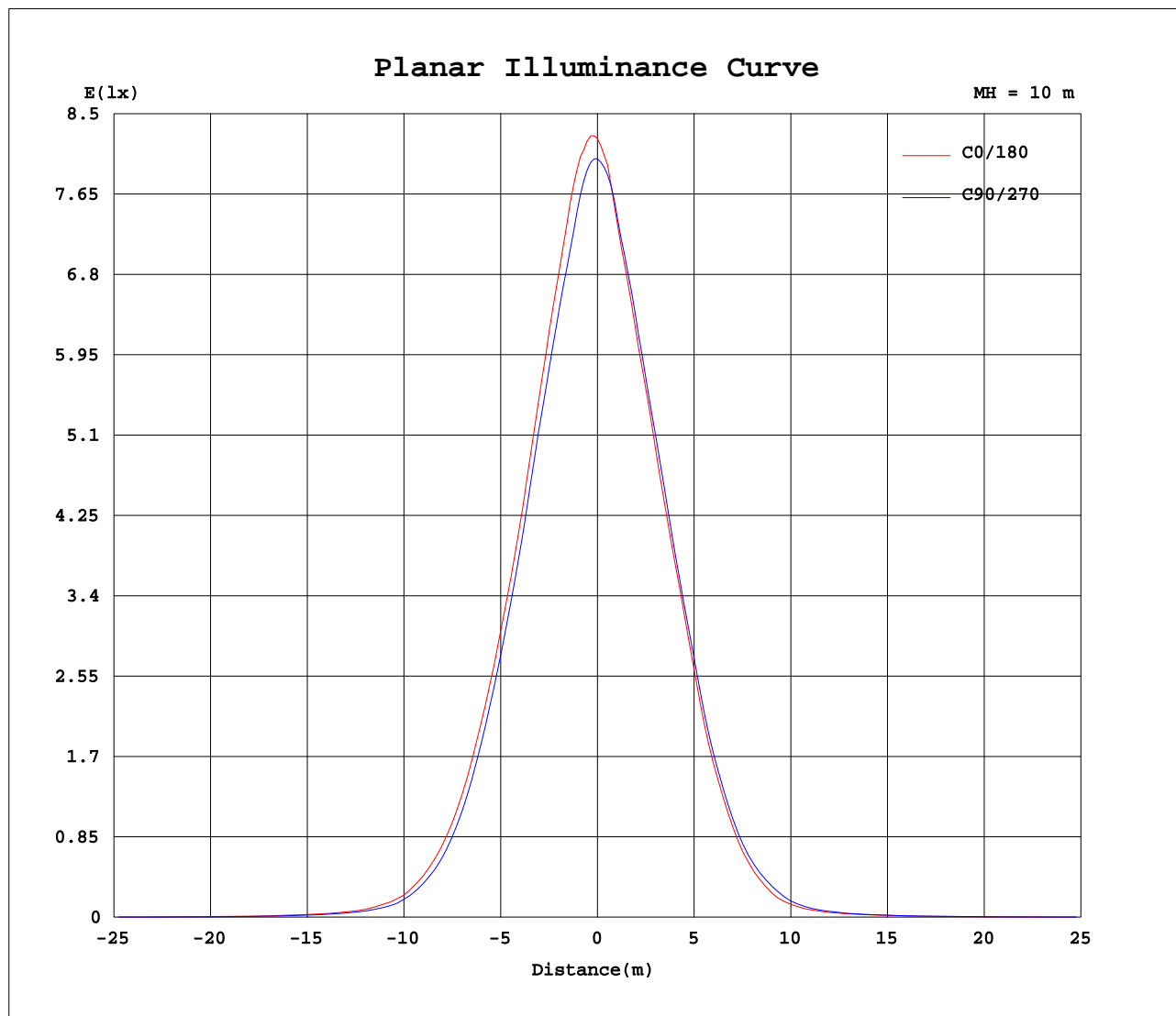
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

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: 2015-10-21

$\gamma$  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	824	819	817	812	809	804	802	801	799	796	795	797	824	819	817	812	809	804	802
5	814	814	813	812	800	788	773	764	747	731	721	722	761	754	753	747	751	753	767
10	743	749	748	744	729	717	699	688	672	653	641	641	679	671	671	668	674	678	693
15	659	668	669	668	652	640	619	609	589	567	557	560	598	589	588	588	595	596	609
20	560	567	574	575	556	544	523	509	489	475	465	466	504	496	498	495	499	502	520
25	455	459	459	467	452	442	420	414	394	378	362	363	403	391	391	389	396	400	418
30	348	354	354	361	347	337	314	306	283	263	245	246	279	267	266	264	273	277	297
35	235	242	243	248	236	225	203	198	177	159	145	144	174	163	163	160	169	173	189
40	139	142	140	145	137	128	113	110	96.3	85.5	77.6	76.5	89.3	83.9	85.9	86.0	92.4	94.4	105
45	66.7	71.0	68.6	70.9	67.9	60.8	53.8	50.7	45.3	40.2	36.6	35.2	38.7	36.9	36.9	37.8	41.9	43.5	48.7
50	33.2	34.0	32.1	32.1	31.5	29.1	26.2	24.4	21.6	19.5	18.1	17.6	19.9	19.1	18.9	18.8	20.8	21.5	24.3
55	19.5	19.3	18.5	18.4	17.7	17.0	15.3	14.5	12.8	11.6	11.3	11.1	12.8	12.1	12.0	12.1	12.4	12.9	14.7
60	10.9	10.9	10.6	10.2	9.88	9.61	8.76	7.62	6.96	7.55	7.43	7.45	7.88	7.60	8.05	8.36	8.38	8.34	8.91
65	6.59	5.31	5.08	5.77	6.30	5.96	4.52	4.12	3.95	4.17	4.62	4.70	4.47	4.25	4.50	4.82	5.48	5.59	5.87
70	3.73	3.53	3.47	3.68	3.77	3.62	3.16	2.92	2.78	2.96	3.13	3.16	3.22	3.05	3.19	3.46	3.70	3.73	3.48
75	2.55	2.27	2.13	2.29	2.46	2.38	1.93	1.57	1.38	1.53	1.73	1.75	1.76	1.50	1.64	2.07	2.50	2.54	2.40
80	1.33	1.22	1.21	1.22	1.27	1.22	1.18	1.15	1.16	1.17	1.20	1.18	1.28	1.27	2.17	1.38	1.32	1.35	1.30
85	1.23	1.19	1.20	1.17	1.18	1.16	1.16	1.13	1.14	1.12	1.14	1.13	1.27	1.29	2.18	1.41	1.30	1.31	1.29
90	1.14	1.10	1.10	1.07	1.08	1.07	1.07	1.07	1.07	1.09	1.08	1.10	1.25	1.24	1.37	1.33	1.24	1.23	1.22
95	1.11	1.11	1.10	1.11	1.11	1.11	1.11	1.12	1.11	1.14	1.14	1.16	1.35	1.34	1.49	1.43	1.33	1.29	1.29
100	1.17	1.18	1.17	1.17	1.17	1.18	1.18	1.20	1.22	1.25	1.26	1.27	1.47	1.46	1.63	1.59	1.45	1.41	1.40
105	1.28	1.28	1.26	1.27	1.28	1.30	1.31	1.34	1.40	1.41	1.40	1.43	1.63	1.62	1.86	1.76	1.61	1.58	1.55
110	1.46	1.45	1.42	1.43	1.44	1.47	1.49	1.53	1.62	1.61	1.62	1.64	1.84	1.84	2.06	1.94	1.82	1.78	1.75
115	1.69	1.67	1.65	1.65	1.67	1.70	1.74	1.79	1.86	1.88	1.89	1.91	2.10	2.10	2.21	2.18	2.09	2.03	1.99
120	1.98	1.96	1.94	1.93	1.95	1.99	2.03	2.09	2.16	2.19	2.22	2.23	2.40	2.40	2.52	2.49	2.39	2.32	2.27
125	2.32	2.29	2.27	2.26	2.28	2.33	2.38	2.44	2.51	2.56	2.60	2.62	2.75	2.74	2.83	2.82	2.72	2.66	2.61
130	2.72	2.68	2.65	2.64	2.67	2.71	2.76	2.83	2.90	2.96	3.00	3.02	3.11	3.11	3.18	3.18	3.09	3.02	2.96
135	3.13	3.10	3.06	3.05	3.07	3.12	3.18	3.24	3.31	3.37	3.41	3.42	3.49	3.49	3.54	3.54	3.45	3.40	3.33
140	3.55	3.51	3.48	3.47	3.48	3.53	3.57	3.63	3.70	3.75	3.78	3.80	3.85	3.84	3.89	3.88	3.80	3.75	3.69
145	3.93	3.91	3.87	3.86	3.86	3.90	3.93	3.99	4.05	4.10	4.12	4.13	4.17	4.16	4.22	4.20	4.11	4.06	4.02
150	4.26	4.24	4.19	4.19	4.18	4.20	4.22	4.28	4.36	4.37	4.37	4.38	4.44	4.42	4.48	4.42	4.36	4.31	4.28
155	4.51	4.50	4.46	4.46	4.42	4.44	4.45	4.50	4.53	4.55	4.55	4.57	4.63	4.60	4.65	4.60	4.53	4.48	4.48
160	4.69	4.68	4.66	4.65	4.60	4.61	4.60	4.64	4.68	4.70	4.67	4.70	4.78	4.74	4.78	4.73	4.67	4.63	4.63
165	4.82	4.82	4.80	4.79	4.73	4.74	4.73	4.75	4.80	4.84	4.78	4.78	4.88	4.85	4.85	4.80	4.78	4.73	4.73
170	4.94	4.94	4.90	4.89	4.86	4.86	4.83	4.84	4.83	4.85	4.86	4.87	4.98	4.93	4.93	4.88	4.87	4.83	4.83
175	5.05	5.06	5.02	5.01	4.97	4.97	4.93	4.94	4.92	4.94	4.93	4.96	5.09	5.03	5.04	4.99	4.99	4.93	4.94
180	5.15	5.15	5.12	5.10	5.06	5.06	5.03	5.03	5.00	5.02	5.02	5.03	5.17	5.12	5.12	5.09	5.07	5.03	5.04

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-21

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	801	799	796	795	797														
5	770	782	791	798	801														
10	699	712	730	744	747														
15	614	630	648	664	666														
20	523	538	555	573	573														
25	421	440	457	470	468														
30	305	329	351	369	366														
35	197	219	239	258	255														
40	111	127	144	156	156														
45	55.1	62.7	72.8	82.6	81.4														
50	25.6	29.5	32.9	37.6	37.4														
55	15.0	16.6	17.6	20.0	20.1														
60	9.04	10.2	10.5	12.1	12.6														
65	4.83	5.10	6.38	6.87	7.08														
70	3.35	3.39	3.52	4.02	3.98														
75	2.22	2.32	2.49	2.74	2.72														
80	1.28	1.28	1.40	1.61	1.59														
85	1.29	1.28	1.27	1.26	1.27														
90	1.25	1.25	1.26	1.22	1.24														
95	1.26	1.26	1.23	1.23	1.21														
100	1.37	1.37	1.32	1.32	1.31														
105	1.52	1.50	1.46	1.45	1.43														
110	1.71	1.69	1.63	1.62	1.59														
115	1.95	1.91	1.85	1.83	1.81														
120	2.23	2.18	2.12	2.09	2.07														
125	2.55	2.50	2.43	2.39	2.37														
130	2.91	2.85	2.76	2.73	2.71														
135	3.28	3.22	3.13	3.09	3.07														
140	3.66	3.59	3.51	3.47	3.45														
145	3.99	3.94	3.85	3.82	3.80														
150	4.27	4.23	4.14	4.12	4.10														
155	4.45	4.44	4.37	4.36	4.36														
160	4.62	4.58	4.54	4.54	4.53														
165	4.69	4.69	4.66	4.67	4.66														
170	4.80	4.80	4.79	4.80	4.79														
175	4.91	4.92	4.92	4.92	4.91														
180	5.03	5.03	5.00	5.03	5.03														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-21

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: