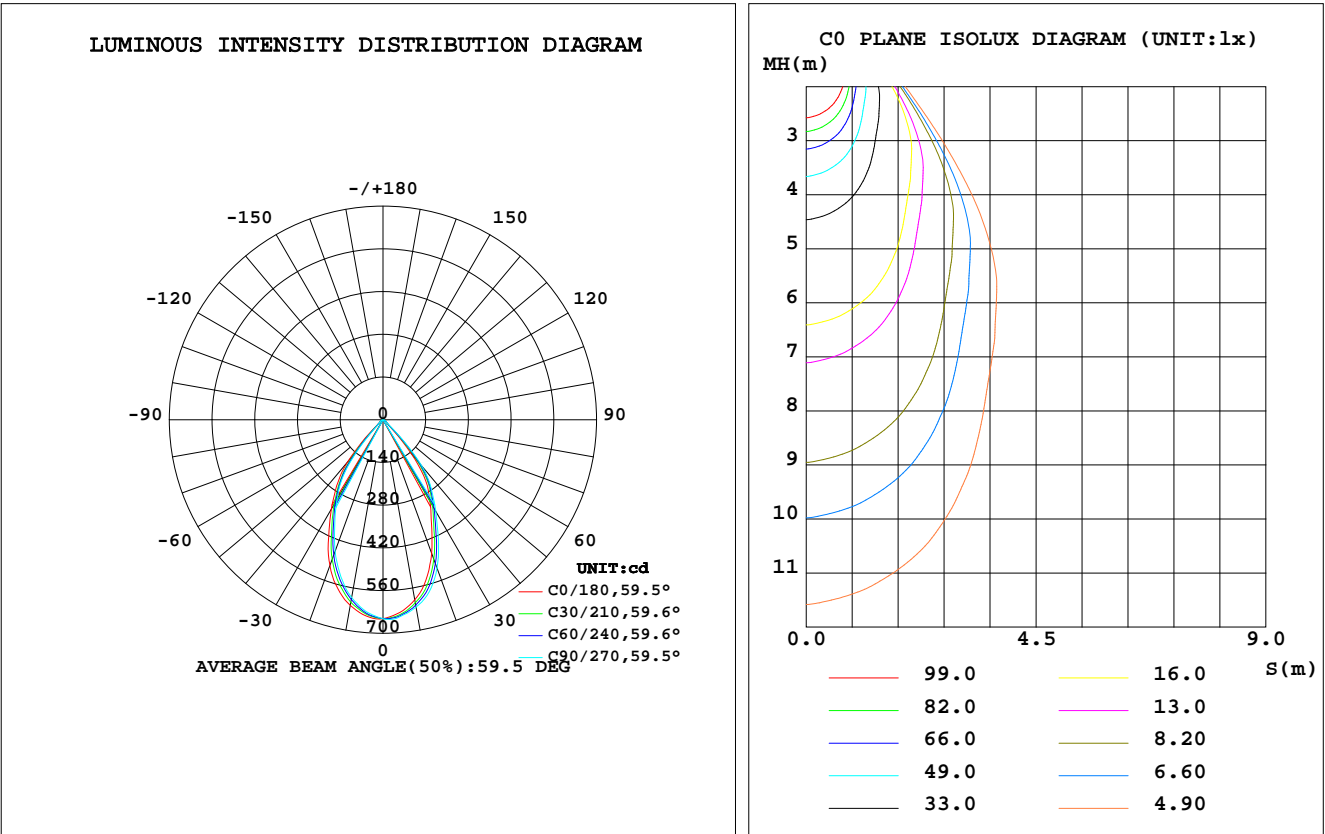


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.88 lm/W
MODEL	M011-8W-840-S-60	Imax(cd)	657.2	S/MH(C0/180)	0.84	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.92	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	645.62	η UP,DN(C0-180)	1.1,51.9	
NOMINAL FLUX(lm)	645.624	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,45.7	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	226.6	η down(%)	97.6	CIBSE SHR MAX	1.00	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-11-19

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	599.3	614.5	623.8	629.4	618.0	598.6	591.9	586.8	0- 10	60.04	60.04	9.3,9.3
20	466.3	497.9	518.1	529.0	508.6	476.4	458.4	445.5	10- 20	155.3	215.4	33.4,33.4
30	307.1	333.0	346.1	358.5	339.7	311.0	301.1	290.2	20- 30	183.9	399.2	61.8,61.8
40	143.1	185.1	199.8	204.9	179.8	138.2	123.1	109.8	30- 40	154.6	553.9	85.8,85.8
50	17.22	20.62	22.36	23.78	18.23	16.13	15.70	16.16	40- 50	50.01	603.9	93.5,93.5
60	11.56	11.88	11.74	11.45	10.09	9.884	10.37	11.12	50- 60	12.44	616.3	95.5,95.5
70	7.007	7.852	6.961	6.813	4.993	5.616	5.018	7.119	60- 70	8.754	625.1	96.8,96.8
80	1.356	1.683	1.361	1.510	1.277	1.340	1.325	1.421	70- 80	3.596	628.7	97.4,97.4
90	1.064	1.099	1.096	1.035	1.137	1.143	1.173	1.173	80- 90	1.377	630.0	97.6,97.6
100	1.222	1.196	1.165	1.175	1.363	1.402	1.428	1.422	90-100	1.290	631.3	97.8,97.8
110	1.579	1.518	1.469	1.466	1.728	1.786	1.826	1.833	100-110	1.544	632.9	98,98
120	2.121	2.026	1.959	1.939	2.227	2.313	2.368	2.381	110-120	1.877	634.8	98.3,98.3
130	2.811	2.691	2.614	2.581	2.859	2.966	3.022	3.043	120-130	2.223	637.0	98.7,98.7
140	3.566	3.447	3.362	3.332	3.542	3.638	3.690	3.703	130-140	2.451	639.4	99,99
150	4.155	4.089	4.019	4.007	4.121	4.173	4.205	4.196	140-150	2.409	641.8	99.4,99.4
160	4.528	4.496	4.450	4.436	4.538	4.561	4.571	4.559	150-160	1.993	643.8	99.7,99.7
170	4.842	4.853	4.801	4.801	4.866	4.870	4.870	4.824	160-170	1.321	645.2	99.9,99.9
180	5.079	5.083	5.066	5.051	5.083	5.084	5.068	5.053	170-180	0.4704	645.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

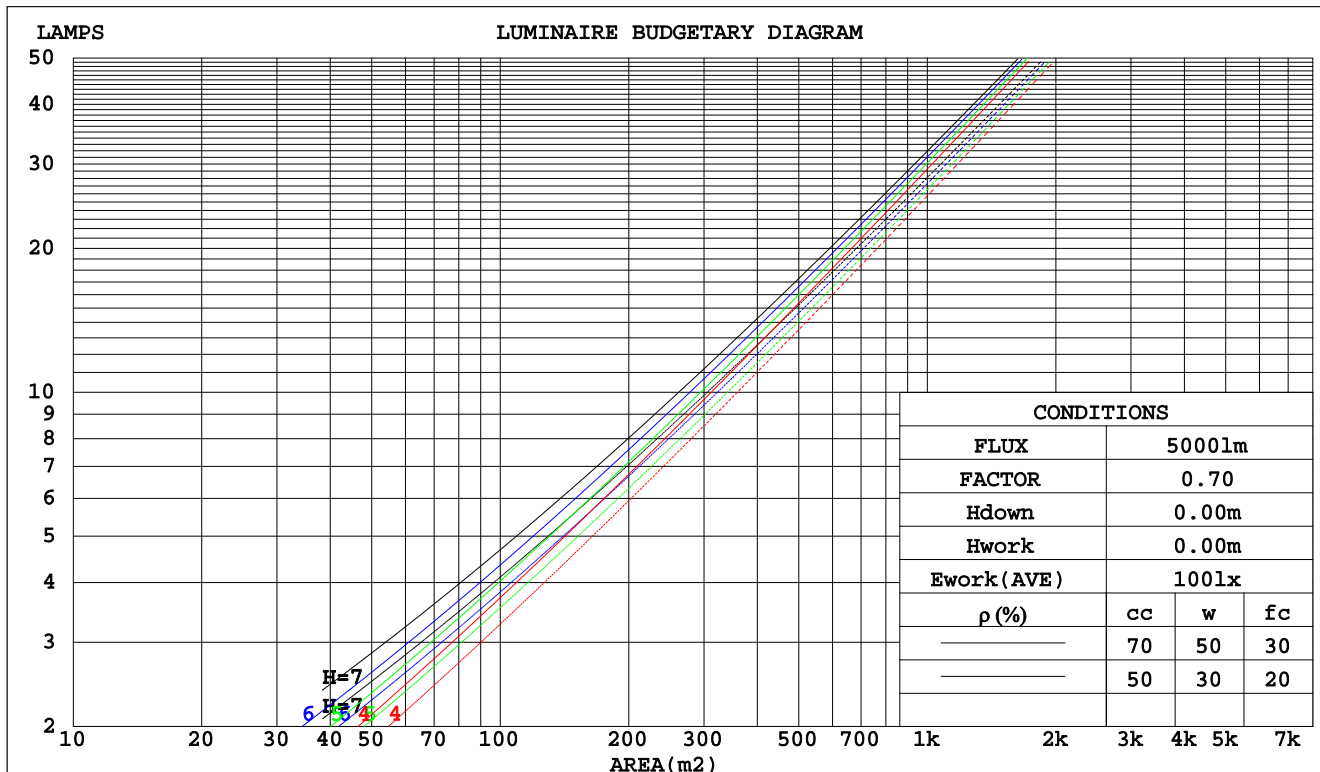
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-11-19

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:

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	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	1.09	1.07	1.04	1.07	1.05	1.02	1.02	1.01	.99	.98	.97	.95	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.81	.86	.83	.80	.84	.81	.78	.77
4.0	.87	.81	.76	.85	.80	.76	.83	.78	.75	.81	.77	.73	.78	.75	.72	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.71	.68	.74	.70	.67	.65
6.0	.75	.69	.64	.74	.68	.64	.73	.67	.63	.71	.66	.63	.69	.65	.62	.61
7.0	.70	.64	.60	.70	.64	.59	.68	.63	.59	.67	.62	.58	.65	.61	.58	.56
8.0	.66	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.54	.62	.57	.54	.53
9.0	.62	.56	.52	.62	.56	.52	.60	.55	.51	.59	.54	.51	.58	.54	.51	.49
10.0	.59	.52	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.55	.51	.47	.46



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-11-19

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	.193 .110 .035	.185 .106 .034	.171 .098 .031	.158 .091 .029	.147 .085 .027	
2.0	.185 .101 .031	.178 .098 .030	.166 .092 .029	.155 .087 .027	.145 .082 .026	
3.0	.176 .093 .028	.170 .091 .027	.160 .087 .026	.150 .082 .025	.141 .078 .024	
4.0	.167 .087 .025	.162 .085 .025	.153 .081 .024	.144 .078 .023	.137 .074 .023	
5.0	.159 .081 .023	.154 .079 .023	.146 .076 .022	.139 .073 .022	.132 .070 .021	
6.0	.151 .076 .022	.147 .074 .021	.140 .072 .021	.133 .069 .020	.127 .067 .020	
7.0	.144 .071 .020	.140 .070 .020	.134 .068 .020	.128 .066 .019	.122 .064 .019	
8.0	.137 .067 .019	.134 .066 .019	.128 .064 .018	.123 .062 .018	.118 .061 .018	
9.0	.131 .063 .018	.128 .063 .018	.123 .061 .017	.118 .059 .017	.114 .058 .017	
10.0	.126 .060 .017	.123 .059 .017	.118 .058 .016	.114 .057 .016	.110 .055 .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	.209 .209 .209	.179 .179 .179	.122 .122 .122	.070 .070 .070	.022 .022 .022	
1.0	.191 .176 .162	.163 .151 .140	.112 .104 .097	.064 .060 .056	.021 .019 .018	
2.0	.177 .151 .130	.151 .130 .112	.104 .090 .078	.060 .052 .046	.019 .017 .015	
3.0	.165 .132 .106	.142 .114 .092	.097 .079 .065	.056 .046 .038	.018 .015 .012	
4.0	.155 .118 .089	.133 .102 .078	.092 .071 .055	.053 .042 .032	.017 .014 .011	
5.0	.147 .107 .077	.126 .092 .067	.087 .064 .047	.050 .038 .028	.016 .012 .009	
6.0	.140 .098 .067	.120 .084 .058	.083 .059 .041	.048 .035 .025	.016 .011 .008	
7.0	.134 .090 .060	.115 .078 .052	.079 .055 .037	.046 .032 .022	.015 .011 .007	
8.0	.128 .084 .054	.110 .073 .047	.076 .051 .033	.044 .030 .020	.014 .010 .007	
9.0	.123 .079 .049	.106 .069 .043	.073 .048 .031	.043 .028 .018	.014 .009 .006	
10.0	.118 .075 .046	.102 .065 .040	.071 .046 .028	.041 .027 .017	.013 .009 .006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-11-19

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	23.4	24.4	23.7	24.7	24.9	24.2	25.2	24.5	25.4	25.6
	3H	23.5	24.4	23.8	24.7	24.9	24.2	25.1	24.5	25.4	25.6
	4H	23.5	24.3	23.8	24.6	24.9	24.1	25.0	24.5	25.3	25.6
	6H	23.4	24.2	23.7	24.5	24.8	24.1	24.9	24.4	25.2	25.5
	8H	23.4	24.2	23.7	24.5	24.8	24.0	24.8	24.4	25.1	25.4
	12H	23.3	24.1	23.7	24.4	24.7	24.0	24.7	24.4	25.1	25.4
4H	2H	23.3	24.1	23.6	24.4	24.7	24.0	24.9	24.3	25.1	25.4
	3H	23.4	24.2	23.8	24.5	24.8	24.1	24.8	24.4	25.1	25.4
	4H	23.5	24.1	23.9	24.5	24.8	24.0	24.7	24.4	25.1	25.4
	6H	23.4	24.0	23.8	24.4	24.8	24.0	24.6	24.4	24.9	25.3
	8H	23.4	23.9	23.8	24.3	24.7	23.9	24.5	24.4	24.9	25.3
	12H	23.4	23.9	23.8	24.3	24.7	23.9	24.4	24.4	24.8	25.3
8H	4H	23.4	23.9	23.8	24.3	24.8	23.9	24.5	24.4	24.9	25.3
	6H	23.3	23.8	23.8	24.2	24.7	23.9	24.3	24.3	24.8	25.2
	8H	23.3	23.7	23.8	24.2	24.7	23.9	24.3	24.3	24.7	25.2
	12H	23.3	23.7	23.8	24.2	24.7	23.8	24.2	24.4	24.7	25.2
12H	4H	23.3	23.8	23.8	24.3	24.7	23.9	24.4	24.3	24.8	25.3
	6H	23.3	23.7	23.8	24.2	24.6	23.8	24.2	24.3	24.7	25.2
	8H	23.3	23.6	23.8	24.1	24.6	23.8	24.2	24.3	24.6	25.2
Variations with the observer position at spacings:											
S = 1.0H		+ 2.3 / - 5.2					+ 2.4 / - 6.2				
1.5H		+ 4.6 / - 5.1					+ 4.6 / - 6.0				
2.0H		+ 2.1 / - 0.9					+ 5.8 / - 1.8				

CIE Pub.117 Corrected 645.6 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: 2015-11-19

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:

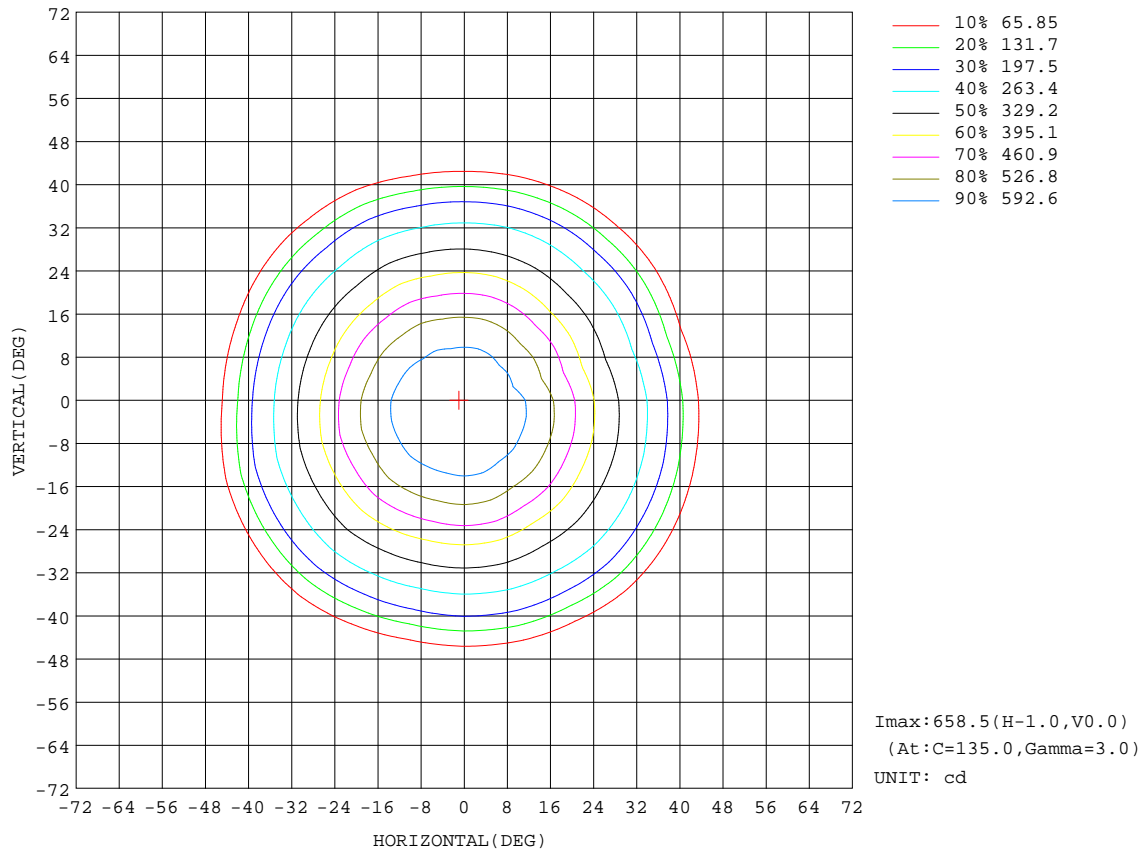
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	75	71	81	75	71	67
0.80	91	84	80	90	84	80	88	83	79	75
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	100	97	102	98	95	89
2.50	108	104	101	106	103	100	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	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: 2015-11-19

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:

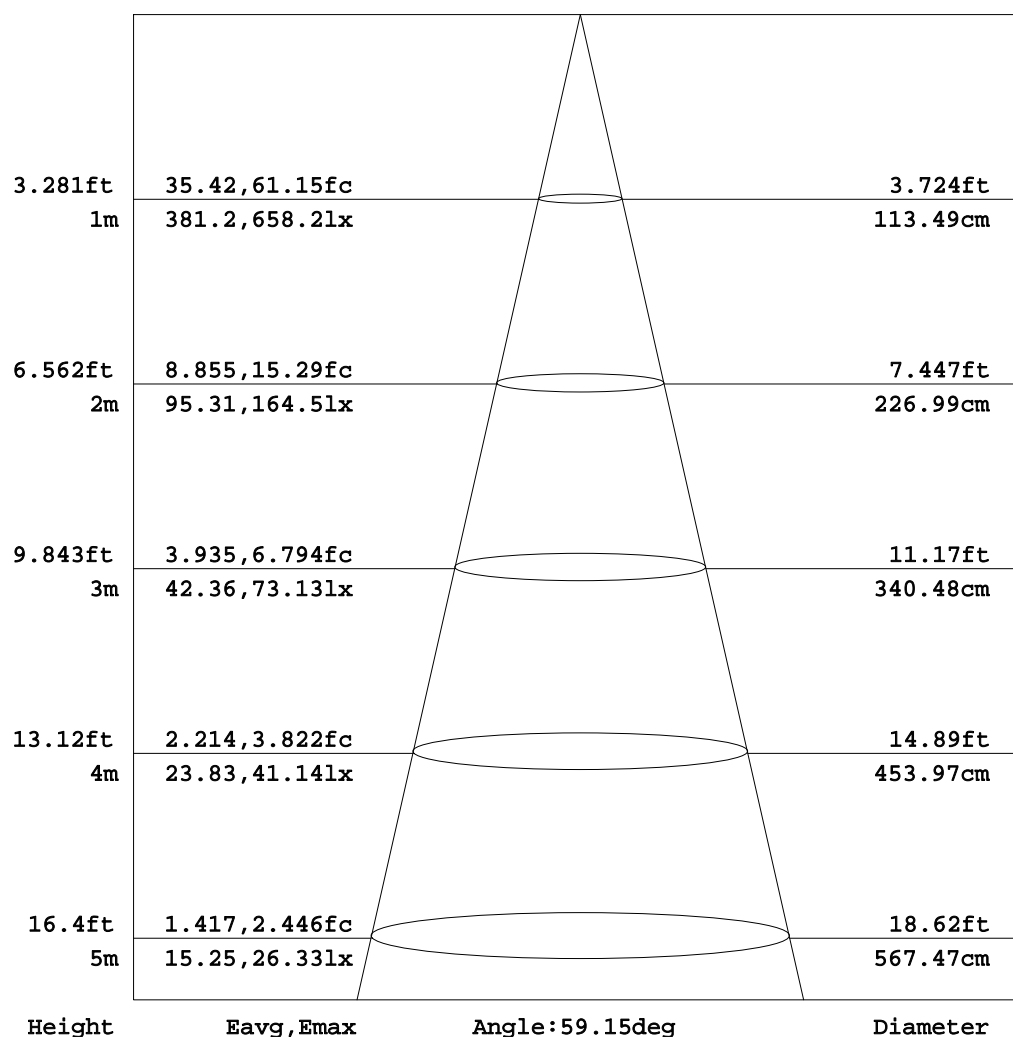


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature: 25.3DEG	Humidity: 65.0%
Operators: QiuMing	Test Distance: 5.920m [K=1.0000]
Test Date: 2015-11-19	Remarks:

AAI Figure

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

Flux out:399.2 lm



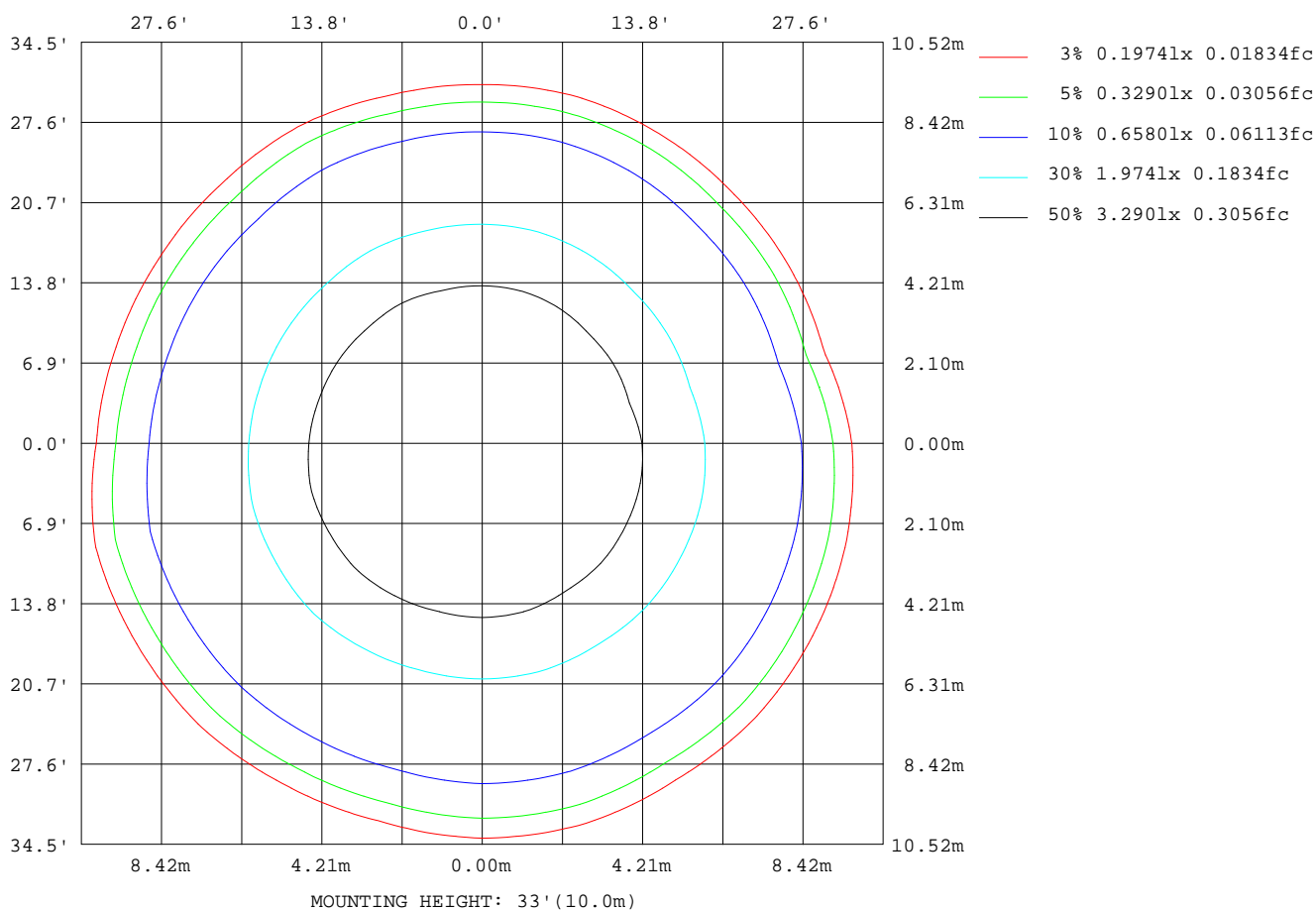
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-11-19

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

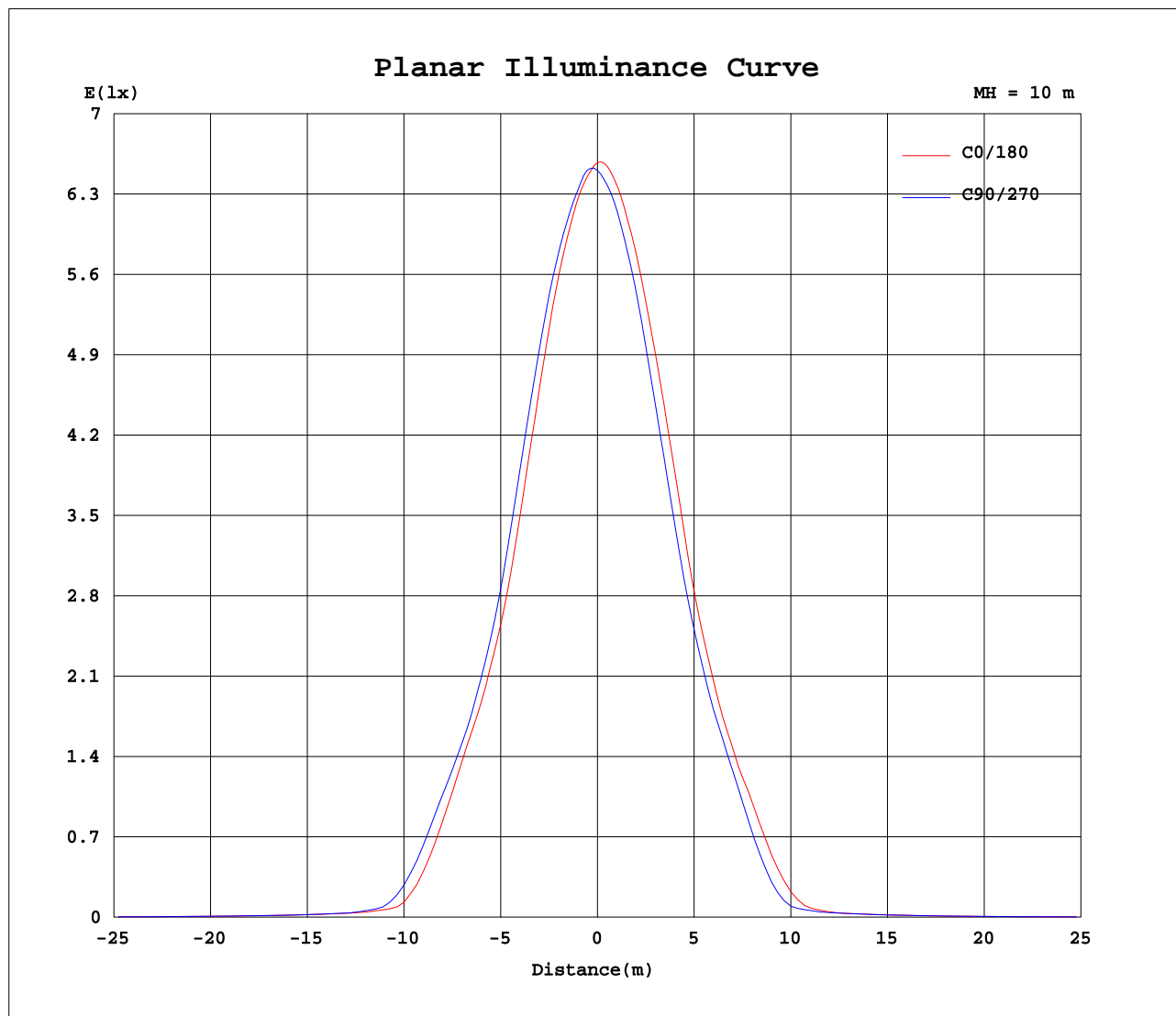
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-11-19

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: 2015-11-19

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	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
5	634	638	641	644	645	648	648	647	649	652	651	651	645	640	639	637	636	633	631
10	599	605	610	615	617	622	624	624	626	629	629	628	618	610	607	599	598	592	592
15	544	553	561	569	572	582	584	583	585	590	586	585	573	561	556	548	544	535	533
20	466	477	487	498	502	515	518	516	522	529	524	526	509	494	487	476	472	461	458
25	376	387	395	408	411	427	429	428	436	446	442	442	422	407	398	388	385	376	374
30	307	319	325	333	335	344	346	345	351	359	355	356	340	328	320	311	311	303	301
35	245	256	264	271	271	276	276	274	278	284	281	280	265	254	245	237	239	233	232
40	143	162	173	185	187	199	200	193	196	205	206	207	180	164	151	138	138	125	123
45	36.8	48.4	57.2	65.4	66.0	77.9	79.6	72.8	78.5	87.7	87.5	89.7	62.4	51.4	42.1	35.8	34.7	28.7	27.5
50	17.2	19.0	20.0	20.6	20.6	22.1	22.4	21.6	22.7	23.8	23.1	23.1	18.2	16.4	16.3	16.1	16.2	15.7	15.7
55	13.8	14.2	14.4	14.5	14.4	14.7	14.7	14.6	14.6	14.7	14.4	14.3	13.2	12.8	12.7	12.5	12.7	12.5	12.7
60	11.6	11.8	11.8	11.9	11.8	11.8	11.7	11.6	11.4	11.5	11.2	11.0	10.1	9.90	9.92	9.88	10.1	9.87	10.4
65	9.68	10.1	10.1	10.0	9.69	9.57	9.51	9.55	9.30	9.02	8.33	7.97	7.45	7.80	8.21	7.97	7.72	7.61	8.10
70	7.01	7.85	8.33	7.85	7.08	6.95	6.96	7.59	7.66	6.81	5.87	5.54	4.99	5.42	6.11	5.62	4.92	4.53	5.02
75	2.89	4.50	5.13	4.64	3.51	3.23	3.39	4.55	4.41	3.75	2.63	2.35	2.15	2.34	2.76	2.26	2.02	1.75	2.04
80	1.36	1.45	1.70	1.68	1.40	1.32	1.36	1.55	1.66	1.51	1.27	1.18	1.28	1.33	1.34	1.34	1.31	1.31	1.33
85	1.31	1.30	1.30	1.28	1.29	1.25	1.28	1.29	1.25	1.20	1.20	1.14	1.27	1.30	1.27	1.29	1.28	1.30	1.29
90	1.06	1.07	1.09	1.10	1.11	1.10	1.10	1.08	1.06	1.03	1.03	1.02	1.14	1.13	1.15	1.14	1.16	1.16	1.17
95	1.10	1.11	1.08	1.09	1.07	1.08	1.06	1.08	1.06	1.08	1.06	1.08	1.23	1.23	1.26	1.26	1.27	1.27	1.28
100	1.22	1.22	1.19	1.20	1.17	1.18	1.16	1.18	1.17	1.17	1.17	1.17	1.36	1.37	1.40	1.40	1.41	1.41	1.43
105	1.38	1.37	1.34	1.34	1.31	1.32	1.29	1.32	1.29	1.30	1.29	1.31	1.53	1.54	1.57	1.58	1.59	1.59	1.61
110	1.58	1.56	1.53	1.52	1.50	1.49	1.47	1.49	1.47	1.47	1.46	1.47	1.73	1.74	1.78	1.79	1.80	1.81	1.83
115	1.83	1.80	1.76	1.75	1.74	1.71	1.69	1.71	1.68	1.68	1.67	1.68	1.96	1.98	2.02	2.03	2.05	2.07	2.08
120	2.12	2.09	2.04	2.03	2.00	1.98	1.96	1.97	1.95	1.94	1.93	1.95	2.23	2.25	2.30	2.31	2.33	2.35	2.37
125	2.46	2.41	2.37	2.34	2.31	2.28	2.27	2.28	2.25	2.24	2.23	2.25	2.53	2.56	2.61	2.63	2.65	2.67	2.69
130	2.81	2.76	2.72	2.69	2.67	2.64	2.61	2.63	2.59	2.58	2.58	2.59	2.86	2.89	2.95	2.97	2.98	3.00	3.02
135	3.19	3.14	3.09	3.06	3.04	3.01	2.98	3.00	2.96	2.95	2.94	2.95	3.20	3.23	3.29	3.30	3.32	3.34	3.36
140	3.57	3.52	3.47	3.45	3.42	3.39	3.36	3.39	3.34	3.33	3.32	3.34	3.54	3.57	3.62	3.64	3.66	3.67	3.69
145	3.90	3.87	3.83	3.81	3.77	3.75	3.73	3.75	3.71	3.70	3.69	3.71	3.86	3.88	3.93	3.94	3.95	3.97	3.98
150	4.16	4.14	4.10	4.09	4.06	4.05	4.02	4.05	4.01	4.01	3.99	4.00	4.12	4.13	4.18	4.17	4.19	4.19	4.21
155	4.36	4.35	4.31	4.31	4.27	4.27	4.24	4.27	4.24	4.23	4.22	4.23	4.33	4.33	4.38	4.36	4.38	4.37	4.39
160	4.53	4.53	4.49	4.50	4.48	4.47	4.45	4.47	4.44	4.44	4.42	4.43	4.54	4.53	4.57	4.56	4.57	4.56	4.57
165	4.69	4.69	4.66	4.67	4.66	4.66	4.64	4.65	4.62	4.62	4.61	4.61	4.72	4.70	4.74	4.72	4.74	4.73	4.73
170	4.84	4.85	4.83	4.85	4.82	4.83	4.80	4.82	4.80	4.80	4.77	4.78	4.87	4.85	4.88	4.87	4.89	4.87	4.87
175	4.99	5.00	4.98	5.00	4.97	4.98	4.95	4.97	4.94	4.96	4.93	4.95	5.00	4.98	5.02	4.99	5.01	4.98	5.00
180	5.08	5.09	5.07	5.08	5.08	5.08	5.07	5.07	5.04	5.05	5.05	5.04	5.08	5.08	5.10	5.08	5.09	5.07	5.07

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-11-19

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	652	652	652	652	652														
5	631	630	626	628	629														
10	593	591	587	591	590														
15	533	530	524	529	527														
20	458	453	445	450	446														
25	372	367	360	362	360														
30	300	295	290	292	292														
35	233	228	220	223	224														
40	123	118	110	113	109														
45	27.1	26.3	25.1	25.3	24.6														
50	16.0	16.2	16.2	16.2	15.9														
55	13.1	13.3	13.2	13.2	13.0														
60	10.9	11.1	11.1	11.1	10.9														
65	8.95	9.44	9.46	9.32	9.05														
70	6.24	7.31	7.12	6.52	6.17														
75	2.54	3.58	3.07	2.78	2.59														
80	1.36	1.39	1.42	1.42	1.41														
85	1.31	1.31	1.37	1.38	1.40														
90	1.15	1.17	1.17	1.18	1.19														
95	1.26	1.28	1.28	1.29	1.29														
100	1.41	1.42	1.42	1.44	1.43														
105	1.59	1.61	1.61	1.62	1.61														
110	1.80	1.83	1.83	1.84	1.83														
115	2.05	2.08	2.09	2.10	2.09														
120	2.34	2.37	2.38	2.40	2.38														
125	2.66	2.69	2.71	2.71	2.70														
130	2.99	3.03	3.04	3.05	3.04														
135	3.34	3.37	3.38	3.38	3.37														
140	3.68	3.70	3.70	3.71	3.69														
145	3.95	3.98	3.98	3.99	3.97														
150	4.18	4.20	4.20	4.20	4.18														
155	4.37	4.38	4.38	4.38	4.35														
160	4.55	4.56	4.56	4.55	4.53														
165	4.70	4.71	4.69	4.70	4.69														
170	4.83	4.85	4.82	4.84	4.81														
175	4.97	4.97	4.95	4.96	4.94														
180	5.05	5.05	5.05	5.05	5.02														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-11-19

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: