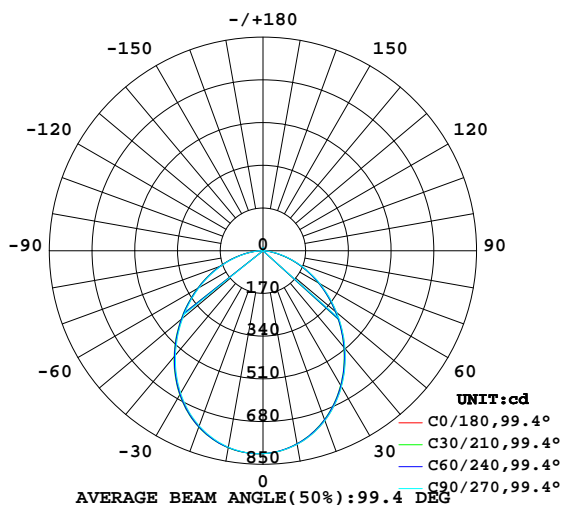


## LUMINAIRE PHOTOMETRIC TEST REPORT

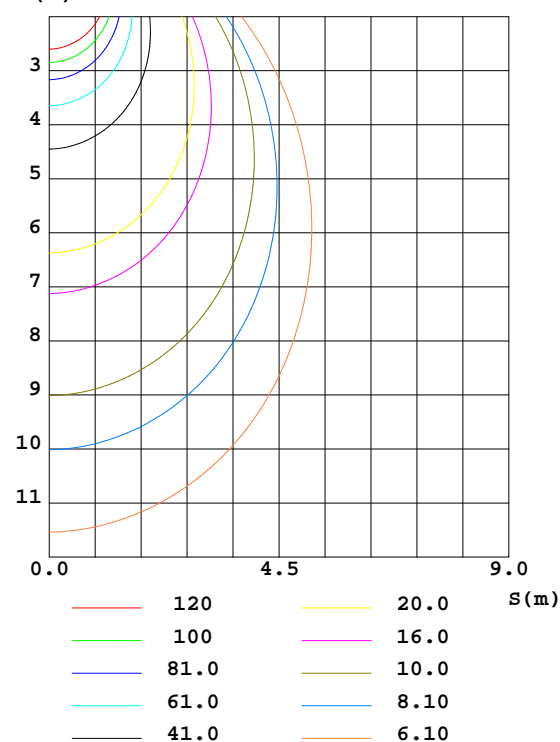
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.95 lm/W			
MODEL	BL282-20W-830-W-90	Imax(cd)	808.3	S/MH(C0/180)	1.16
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2040.2	η UP,DN(C0-180)	1.1,47.4
NOMINAL FLUX(lm)	2040.23	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.1,50.3
LAMPS INSIDE	1	η up(%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	226.4	η down(%)	97.8	CIBSE SHR MAX	1.35

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:2016-05-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:6.250m [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	782.0	780.7	782.4	788.6	794.6	795.8	793.9	787.9	0- 10	76.15	76.15	3.73,3.73
20	719.0	716.4	719.9	731.6	743.9	745.5	742.0	730.3	10- 20	215.3	291.4	14.3,14.3
30	622.7	620.4	624.5	640.8	657.9	660.5	655.0	639.1	20- 30	317.2	608.6	29.8,29.8
40	505.7	502.8	508.0	526.1	545.1	548.1	542.0	523.7	30- 40	365.4	974.0	47.7,47.7
50	380.8	377.5	383.4	401.1	420.9	423.1	417.2	398.5	40- 50	357.1	1331	65.2,65.2
60	258.5	256.1	261.2	278.4	297.1	298.7	293.6	275.5	50- 60	302.4	1633	80.1,80.1
70	144.9	143.3	147.9	163.6	180.2	181.7	176.5	160.1	60- 70	216.7	1850	90.7,90.7
80	45.66	46.04	49.67	60.17	74.67	76.31	71.71	56.57	70- 80	115.3	1965	96.3,96.3
90	4.546	4.529	4.541	4.696	8.809	9.486	7.959	4.621	80- 90	28.91	1994	97.8,97.8
100	5.254	5.276	5.243	5.124	5.130	5.118	5.148	5.289	90-100	5.401	2000	98,98
110	6.141	6.181	6.149	6.020	5.983	5.984	6.023	6.174	100-110	5.955	2006	98.3,98.3
120	7.085	7.137	7.115	6.972	6.916	6.907	6.976	7.112	110-120	6.500	2012	98.6,98.6
130	8.025	8.085	8.064	7.916	7.842	7.845	7.919	8.039	120-130	6.721	2019	99,99
140	8.961	9.019	9.000	8.861	8.773	8.780	8.846	8.979	130-140	6.524	2025	99.3,99.3
150	9.820	9.872	9.860	9.760	9.680	9.689	9.732	9.856	140-150	5.863	2031	99.6,99.6
160	10.60	10.65	10.66	10.59	10.49	10.49	10.53	10.61	150-160	4.707	2036	99.8,99.8
170	11.27	11.32	11.32	11.27	11.20	11.18	11.21	11.24	160-170	3.086	2039	99.9,99.9
180	11.65	11.67	11.66	11.66	11.67	11.66	11.67	11.65	170-180	1.090	2040	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

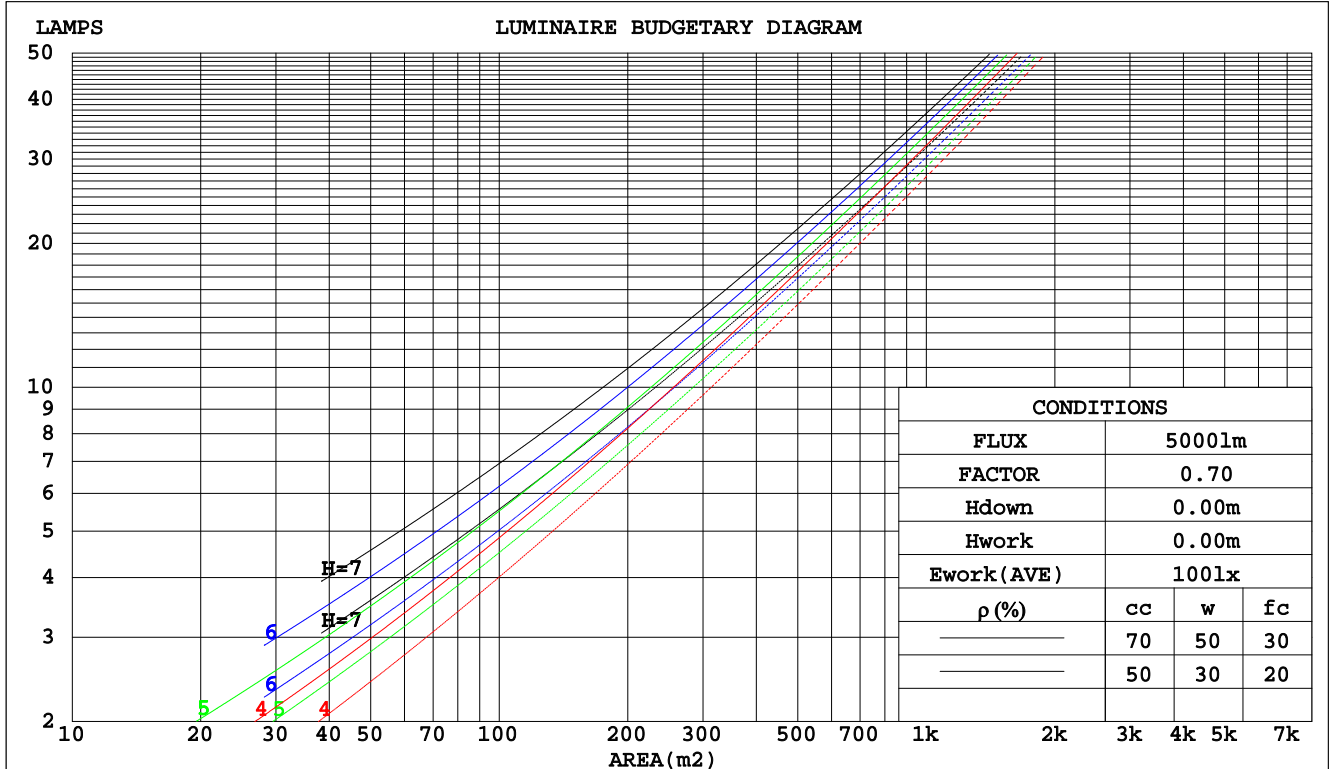
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.250m [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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.04	1.00	.97	1.02	.98	.95	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.91	.85	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.63	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.52	.48	.57	.51	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.43	.38	.33	.31
9.0	.45	.36	.31	.44	.36	.31	.43	.36	.31	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.37	.32	.27	.26



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [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	.292 .166 .053	.284 .162 .051	.270 .155 .049	.256 .148 .047	.244 .141 .046	
2.0	.277 .152 .046	.270 .149 .046	.257 .143 .044	.245 .138 .043	.234 .133 .042	
3.0	.257 .137 .041	.251 .135 .041	.240 .130 .040	.230 .126 .039	.220 .122 .038	
4.0	.239 .124 .036	.233 .122 .036	.223 .118 .035	.214 .115 .035	.205 .112 .034	
5.0	.222 .113 .033	.217 .111 .032	.208 .108 .032	.200 .105 .031	.192 .102 .031	
6.0	.206 .103 .030	.202 .102 .029	.194 .099 .029	.186 .097 .028	.179 .094 .028	
7.0	.192 .095 .027	.189 .094 .027	.181 .092 .026	.175 .090 .026	.168 .087 .026	
8.0	.180 .088 .025	.177 .087 .025	.170 .085 .024	.164 .083 .024	.158 .081 .024	
9.0	.169 .082 .023	.166 .081 .023	.160 .079 .022	.155 .078 .022	.150 .076 .022	
10.0	.159 .076 .021	.157 .076 .021	.151 .074 .021	.146 .073 .021	.142 .071 .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	.208 .208 .208	.177 .177 .177	.121 .121 .121	.070 .070 .070	.022 .022 .022	
1.0	.196 .174 .153	.168 .149 .132	.115 .102 .091	.066 .059 .053	.021 .019 .017	
2.0	.188 .149 .117	.161 .129 .101	.110 .089 .071	.063 .052 .041	.020 .017 .014	
3.0	.180 .132 .094	.154 .114 .081	.106 .079 .057	.061 .046 .034	.020 .015 .011	
4.0	.172 .118 .077	.147 .102 .067	.101 .071 .047	.059 .042 .028	.019 .014 .009	
5.0	.164 .108 .066	.141 .093 .057	.097 .065 .041	.056 .038 .024	.018 .012 .008	
6.0	.157 .099 .058	.135 .086 .050	.093 .060 .036	.054 .035 .021	.017 .012 .007	
7.0	.151 .093 .052	.130 .080 .045	.090 .056 .032	.052 .033 .019	.017 .011 .006	
8.0	.144 .087 .047	.124 .075 .041	.086 .053 .029	.050 .031 .017	.016 .010 .006	
9.0	.139 .082 .044	.119 .071 .038	.083 .050 .027	.048 .029 .016	.016 .010 .005	
10.0	.133 .078 .041	.115 .067 .035	.080 .047 .025	.046 .028 .015	.015 .009 .005	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.250m [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	25.3	26.7	25.6	27.0	27.2	25.3	26.8	25.6	27.0	27.2					
3H	26.5	27.8	26.8	28.1	28.4	26.5	27.9	26.9	28.1	28.4					
4H	26.9	28.2	27.3	28.5	28.8	27.0	28.2	27.3	28.5	28.8					
6H	27.1	28.3	27.5	28.6	28.9	27.2	28.4	27.6	28.7	29.0					
8H	27.1	28.3	27.5	28.6	28.9	27.2	28.4	27.6	28.7	29.0					
12H	27.1	28.2	27.5	28.6	28.9	27.2	28.3	27.6	28.7	29.0					
4H 2H	25.8	27.0	26.1	27.3	27.6	25.8	27.1	26.1	27.3	27.6					
3H	27.1	28.2	27.5	28.6	28.9	27.2	28.3	27.6	28.6	28.9					
4H	27.6	28.6	28.1	29.0	29.4	27.7	28.7	28.1	29.1	29.4					
6H	27.9	28.8	28.4	29.2	29.6	28.0	28.9	28.5	29.3	29.7					
8H	28.0	28.8	28.4	29.2	29.7	28.1	28.9	28.5	29.3	29.8					
12H	28.0	28.8	28.5	29.2	29.6	28.1	28.9	28.6	29.3	29.8					
8H 4H	27.8	28.6	28.2	29.0	29.4	27.8	28.7	28.3	29.1	29.5					
6H	28.2	28.9	28.7	29.3	29.8	28.3	28.9	28.7	29.4	29.9					
8H	28.3	28.9	28.8	29.3	29.8	28.4	29.0	28.9	29.4	29.9					
12H	28.3	28.8	28.8	29.3	29.9	28.4	29.0	29.0	29.4	30.0					
12H 4H	27.8	28.5	28.2	29.0	29.4	27.8	28.6	28.3	29.0	29.5					
6H	28.2	28.8	28.7	29.3	29.7	28.3	28.9	28.8	29.3	29.8					
8H	28.3	28.8	28.8	29.3	29.8	28.4	28.9	28.9	29.4	29.9					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3									
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3									
2.0H	+ 0.4 / - 0.3					+ 0.4 / - 0.3									

CIE Pub.117 Corrected 2040 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.250m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

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

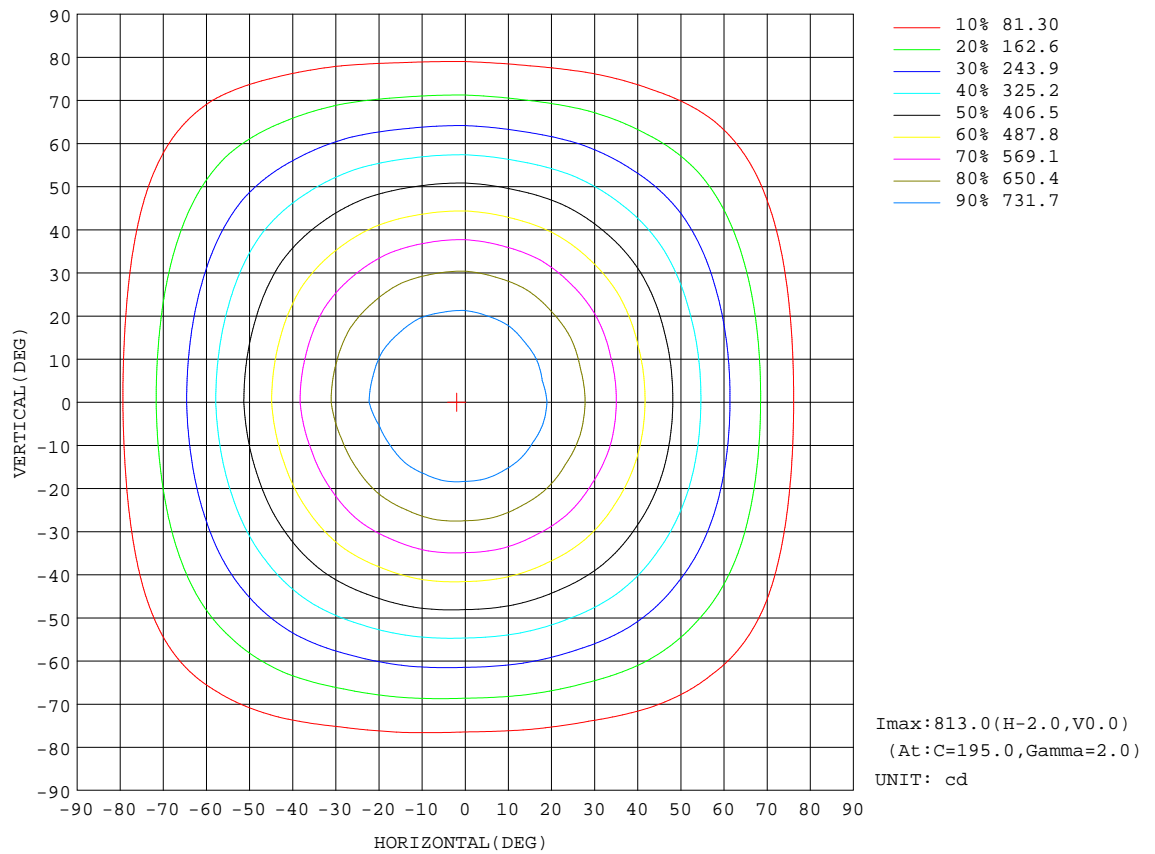
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	77	67	60	76	66	60	74	67	59	52
1.25	84	74	68	83	74	67	80	72	66	59
1.50	89	80	73	87	79	73	84	77	71	64
2.00	96	88	81	94	86	81	90	84	79	71
2.50	99	92	86	97	91	85	93	88	83	75
3.00	103	96	91	100	94	90	96	91	87	78
4.00	106	101	97	104	99	95	99	95	92	83
5.00	109	104	100	106	102	99	101	98	95	85
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: 2016-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

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



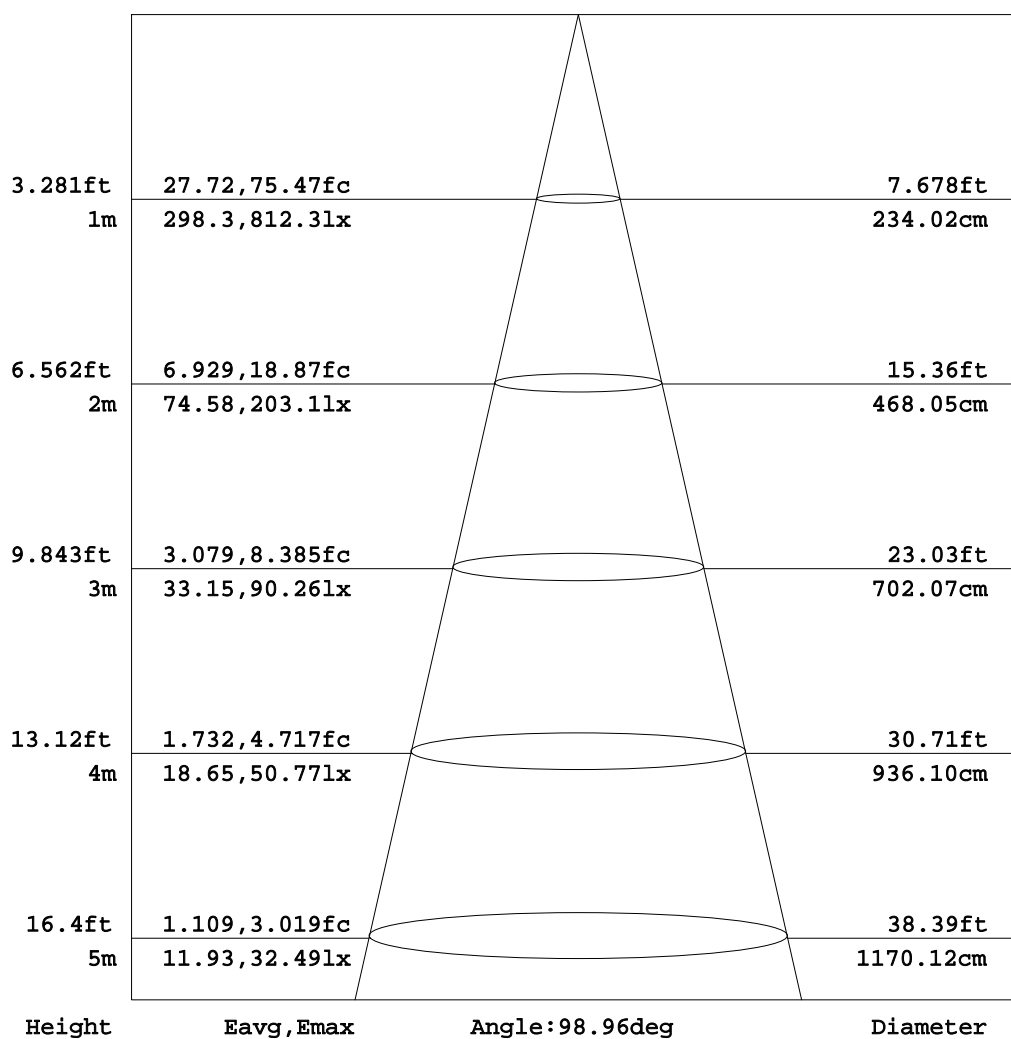
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2016-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [K=1.0000]  
Remarks:

### AAI Figure

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

Flux out:1331 lm



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

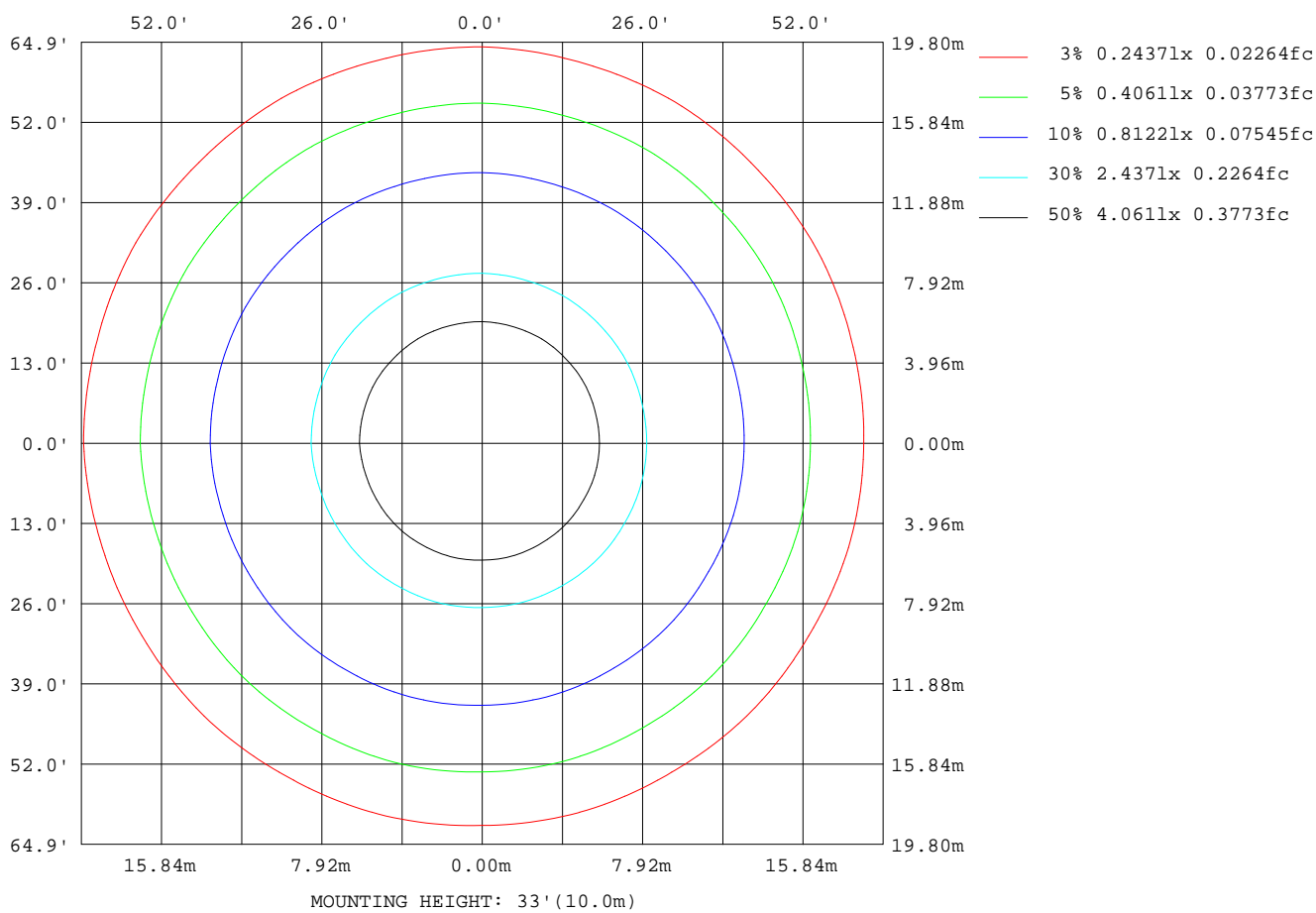
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

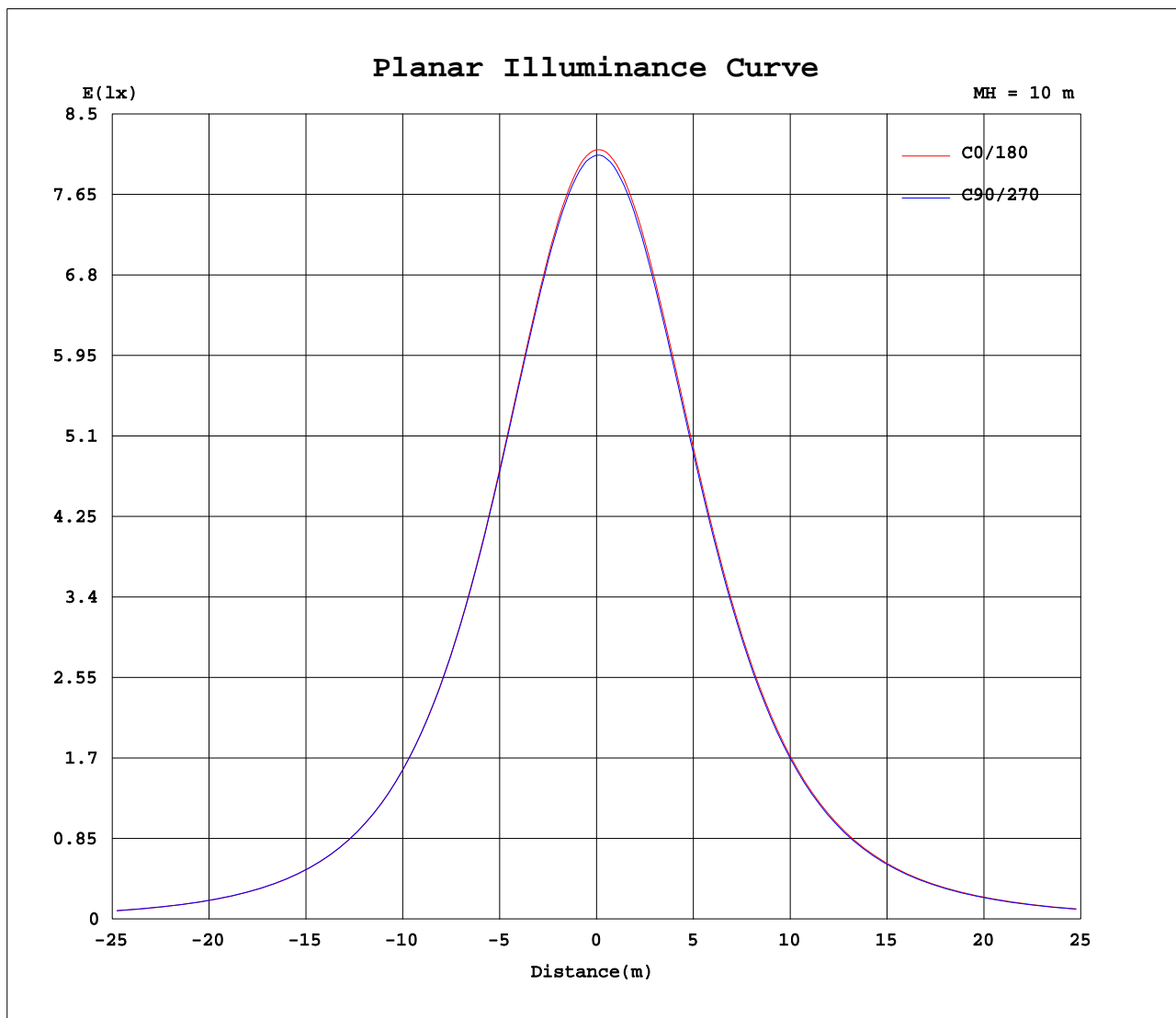
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [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: 2016-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.250m [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	807	807	807	807	807	807	807	807	807	807	807	807	807	807	807	807	807	807	807
5	800	799	799	799	799	799	800	801	801	803	803	804	806	806	806	806	806	806	805
10	782	781	779	781	780	782	782	784	785	789	790	792	795	795	796	796	795	794	794
15	755	754	752	753	753	755	755	759	760	765	766	771	774	774	776	776	776	773	772
20	719	718	715	716	716	719	720	724	726	732	734	739	744	744	747	746	746	743	742
25	675	673	670	672	671	675	676	682	684	690	693	699	705	705	709	707	707	703	702
30	623	622	618	620	620	624	624	631	633	641	644	651	658	658	663	661	661	656	655
35	566	565	561	563	563	567	568	575	578	586	589	597	604	605	609	607	607	602	601
40	506	504	500	503	502	507	508	515	518	526	530	538	545	547	550	548	548	544	542
45	443	442	438	440	440	444	446	453	456	464	468	476	484	485	489	486	486	482	480
50	381	379	375	377	377	382	383	390	393	401	405	413	421	422	426	423	424	419	417
55	319	317	314	316	315	320	322	328	331	339	343	350	358	359	363	360	361	356	355
60	259	257	254	256	255	260	261	268	271	278	282	289	297	298	302	299	300	294	294
65	201	200	196	199	198	202	204	210	213	220	223	230	238	238	242	239	240	235	234
70	145	144	141	143	142	147	148	154	156	164	166	173	180	181	184	182	182	178	177
75	92.1	92.4	89.0	91.4	90.7	94.9	95.6	101	103	110	112	119	126	126	129	127	127	123	122
80	45.7	46.7	44.2	46.0	45.6	48.9	49.7	54.2	55.4	60.2	62.2	68.1	74.7	75.7	78.4	76.3	76.5	72.8	71.7
85	14.3	15.0	14.1	14.9	14.9	16.3	16.9	19.0	19.1	22.0	23.4	27.3	32.0	33.6	35.6	34.1	34.2	31.5	30.6
90	4.55	4.54	4.55	4.53	4.53	4.53	4.54	4.52	4.53	4.70	5.23	6.93	8.81	9.40	10.1	9.49	9.43	8.34	7.96
95	4.86	4.86	4.89	4.88	4.89	4.87	4.85	4.80	4.78	4.74	4.72	4.67	4.78	4.77	4.75	4.75	4.74	4.79	4.79
100	5.25	5.26	5.28	5.28	5.29	5.27	5.24	5.20	5.18	5.12	5.10	5.04	5.13	5.12	5.09	5.12	5.11	5.16	5.15
105	5.68	5.70	5.73	5.72	5.73	5.71	5.69	5.64	5.61	5.56	5.53	5.47	5.54	5.53	5.50	5.54	5.53	5.58	5.57
110	6.14	6.16	6.19	6.18	6.20	6.17	6.15	6.10	6.07	6.02	5.99	5.92	5.98	5.98	5.95	5.98	5.98	6.03	6.02
115	6.61	6.62	6.66	6.66	6.67	6.64	6.64	6.57	6.55	6.49	6.46	6.39	6.45	6.44	6.41	6.44	6.44	6.50	6.50
120	7.09	7.10	7.15	7.14	7.15	7.13	7.11	7.05	7.03	6.97	6.94	6.87	6.92	6.89	6.88	6.91	6.91	6.96	6.98
125	7.56	7.58	7.62	7.61	7.63	7.61	7.59	7.53	7.50	7.44	7.42	7.35	7.37	7.36	7.35	7.38	7.38	7.43	7.45
130	8.03	8.05	8.08	8.09	8.08	8.07	8.06	8.00	7.97	7.92	7.88	7.83	7.84	7.82	7.82	7.84	7.85	7.90	7.92
135	8.49	8.52	8.55	8.55	8.56	8.54	8.53	8.48	8.45	8.39	8.35	8.30	8.31	8.30	8.29	8.31	8.32	8.37	8.39
140	8.96	8.99	9.02	9.02	9.02	9.00	9.00	8.95	8.92	8.86	8.83	8.77	8.77	8.77	8.75	8.78	8.79	8.83	8.85
145	9.40	9.43	9.45	9.46	9.46	9.44	9.44	9.40	9.37	9.32	9.29	9.23	9.23	9.22	9.21	9.24	9.24	9.28	9.29
150	9.82	9.84	9.87	9.87	9.88	9.86	9.86	9.82	9.81	9.76	9.73	9.68	9.68	9.67	9.66	9.69	9.69	9.72	9.73
155	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
160	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
165	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.9	10.9
170	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
175	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
180	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.7	11.7	11.6	11.7	11.7	11.7	11.7	11.7

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.250m [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	807	807	807	807	807														
5	805	804	802	801	801														
10	791	790	788	786	784														
15	769	768	764	762	758														
20	737	736	730	728	723														
25	697	695	688	686	680														
30	649	647	639	636	629														
35	595	591	583	580	573														
40	535	531	524	519	513														
45	473	470	461	457	450														
50	410	407	399	395	387														
55	348	345	336	332	325														
60	286	284	276	272	265														
65	227	225	217	214	207														
70	170	168	160	157	150														
75	116	113	106	102	96.4														
80	66.5	62.8	56.6	53.6	49.1														
85	26.8	23.8	19.9	18.2	15.9														
90	6.02	5.23	4.62	4.59	4.66														
95	4.82	4.84	4.90	4.92	4.97														
100	5.20	5.23	5.29	5.31	5.37														
105	5.63	5.65	5.72	5.74	5.80														
110	6.08	6.11	6.17	6.20	6.27														
115	6.55	6.58	6.64	6.66	6.73														
120	7.02	7.05	7.11	7.14	7.20														
125	7.49	7.52	7.58	7.60	7.66														
130	7.96	7.99	8.04	8.07	8.13														
135	8.44	8.46	8.52	8.54	8.60														
140	8.91	8.92	8.98	9.00	9.06														
145	9.35	9.37	9.42	9.44	9.49														
150	9.79	9.80	9.86	9.86	9.92														
155	10.2	10.2	10.3	10.3	10.3														
160	10.6	10.6	10.6	10.6	10.7														
165	10.9	10.9	10.9	11.0	11.0														
170	11.2	11.2	11.2	11.2	11.3														
175	11.5	11.5	11.5	11.5	11.5														
180	11.7	11.7	11.7	11.6	11.6														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2016-05-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.250m [K=1.0000]  
Remarks: