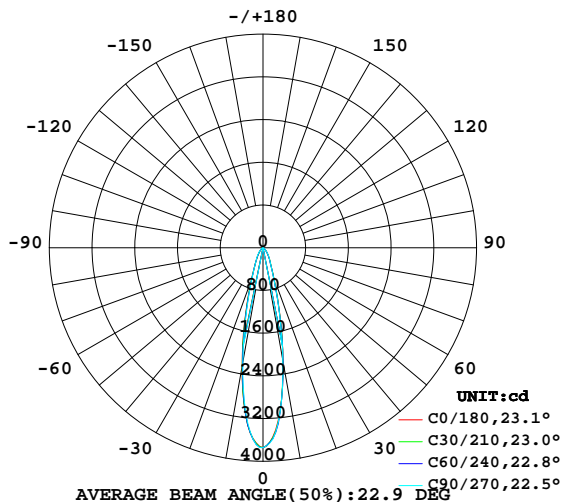


## LUMINAIRE PHOTOMETRIC TEST REPORT

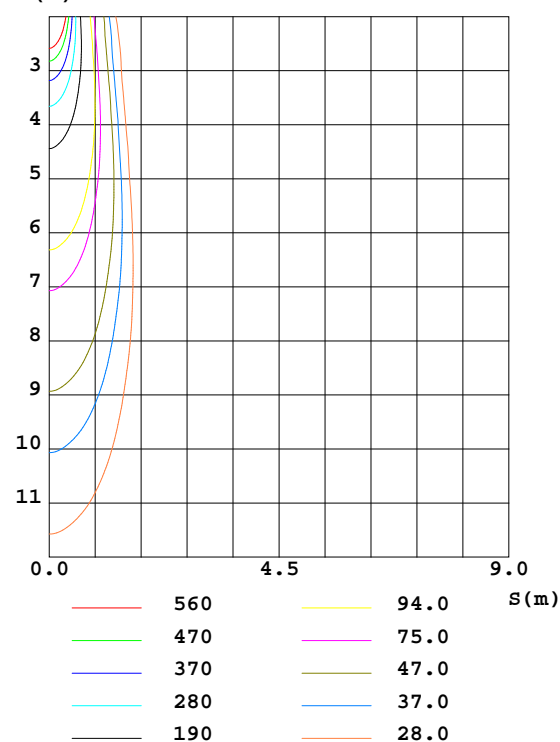
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.56 lm/W			
MODEL	M032-11W-827-S-24	Imax(cd)	3745	S/MH(C0/180)	0.39
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1023.5	η UP,DN(C0-180)	1.2,48.8
NOMINAL FLUX(lm)	1023.53	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.6
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	1.00

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:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	ℓlum, lamp
10	2164	2180	2149	2241	2260	2185	2183	2149	0- 10	277.5	277.5	27.1,27.1
20	583.8	591.5	568.5	626.5	638.0	617.5	601.7	568.1	10- 20	330.6	608.1	59.4,59.4
30	238.6	242.9	243.0	245.3	237.7	230.3	247.6	237.4	20- 30	169.0	777.1	75.9,75.9
40	114.9	113.1	120.5	117.8	109.5	104.2	124.0	122.3	30- 40	106.8	883.9	86.4,86.4
50	44.82	45.19	54.78	55.28	48.11	45.65	57.92	53.18	40- 50	60.67	944.6	92.3,92.3
60	16.87	17.21	18.18	19.38	19.45	18.69	19.03	18.19	50- 60	28.18	972.7	95,95
70	8.781	9.004	9.292	9.461	9.287	9.432	9.769	9.119	60- 70	13.12	985.8	96.3,96.3
80	4.565	5.376	4.549	6.901	4.790	4.745	4.860	8.080	70- 80	7.590	993.4	97.1,97.1
90	2.040	2.194	1.873	1.974	2.363	2.481	2.241	2.497	80- 90	3.838	997.3	97.4,97.4
100	1.821	1.996	1.661	1.961	2.527	2.765	2.414	2.870	90-100	2.394	999.7	97.7,97.7
110	2.173	2.441	2.069	2.485	2.772	2.982	2.675	3.070	100-110	2.532	1002	97.9,97.9
120	2.936	3.358	2.824	3.140	3.292	3.603	3.216	3.502	110-120	2.834	1005	98.2,98.2
130	4.397	4.592	4.290	4.377	4.579	4.715	4.539	4.675	120-130	3.391	1008	98.5,98.5
140	6.245	6.387	6.166	6.194	6.330	6.463	6.315	6.395	130-140	4.192	1013	98.9,98.9
150	7.361	7.456	7.298	7.363	7.449	7.560	7.419	7.526	140-150	4.348	1017	99.4,99.4
160	7.854	7.838	7.866	7.889	7.925	7.919	7.928	7.942	150-160	3.558	1021	99.7,99.7
170	7.855	7.868	7.909	7.898	7.938	7.947	7.960	7.959	160-170	2.257	1023	99.9,99.9
180	7.742	7.749	7.766	7.772	7.745	7.751	7.768	7.772	170-180	0.7454	1024	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

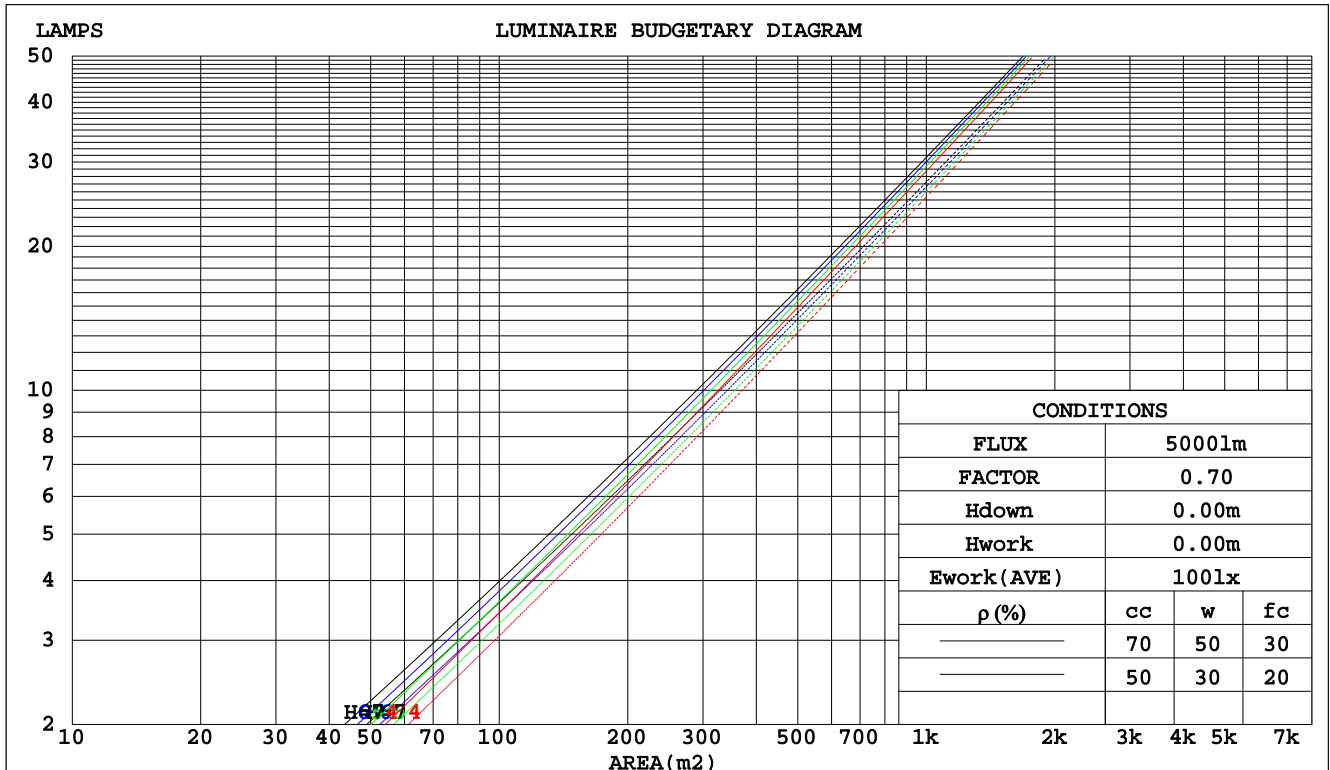
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
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															



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
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	.171	.097	.031	.164	.093	.030	.150	.086	.027	.137	.079	.025	.125	.072	.023		
2.0	.160	.088	.027	.154	.085	.026	.142	.079	.025	.131	.074	.023	.121	.069	.022		
3.0	.150	.080	.024	.145	.078	.023	.135	.073	.022	.125	.069	.021	.117	.065	.020		
4.0	.141	.073	.022	.136	.071	.021	.128	.068	.020	.119	.064	.019	.112	.061	.018		
5.0	.133	.068	.020	.129	.066	.019	.121	.063	.019	.114	.060	.018	.107	.057	.017		
6.0	.125	.063	.018	.122	.061	.018	.115	.059	.017	.109	.056	.017	.103	.054	.016		
7.0	.119	.059	.017	.115	.058	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015		
8.0	.113	.055	.015	.110	.054	.015	.104	.052	.015	.099	.050	.015	.095	.049	.014		
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013		
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.091	.045	.013	.088	.044	.013		

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.210	.210	.210	.179	.179	.179	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.190	.177	.165	.163	.152	.142	.111	.105	.098	.064	.060	.057	.021	.019	.018	
2.0	.175	.152	.134	.150	.131	.116	.102	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.161	.133	.111	.138	.115	.096	.095	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.150	.119	.094	.129	.102	.082	.089	.071	.058	.051	.042	.034	.016	.014	.011	
5.0	.141	.107	.082	.121	.092	.071	.083	.065	.050	.048	.038	.030	.016	.012	.010	
6.0	.132	.097	.072	.114	.084	.063	.079	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.125	.089	.064	.108	.078	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.119	.083	.058	.102	.072	.051	.071	.051	.036	.041	.030	.021	.013	.010	.007	
9.0	.113	.078	.053	.098	.067	.047	.068	.047	.033	.039	.028	.020	.013	.009	.007	
10.0	.109	.073	.049	.094	.063	.043	.065	.045	.031	.038	.026	.018	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm											
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	21.1	21.9	21.4	22.1	22.3	21.4	22.2	21.7	22.4	22.6
	3H	21.3	22.1	21.6	22.3	22.6	21.7	22.4	21.9	22.6	22.9
	4H	21.4	22.2	21.8	22.4	22.7	21.8	22.5	22.1	22.8	23.0
	6H	21.6	22.3	21.9	22.5	22.8	21.9	22.6	22.2	22.9	23.1
	8H	21.6	22.3	22.0	22.6	22.9	21.9	22.6	22.3	22.9	23.2
	12H	21.7	22.4	22.1	22.7	23.0	22.0	22.6	22.4	22.9	23.3
4H	2H	21.1	21.8	21.4	22.1	22.3	21.4	22.1	21.7	22.4	22.6
	3H	21.4	22.1	21.8	22.4	22.7	21.7	22.4	22.1	22.7	23.0
	4H	21.7	22.2	22.0	22.6	22.9	22.0	22.5	22.4	22.9	23.2
	6H	21.9	22.4	22.3	22.8	23.2	22.3	22.8	22.7	23.1	23.5
	8H	22.0	22.5	22.5	22.9	23.3	22.4	22.8	22.8	23.2	23.6
	12H	22.2	22.6	22.6	23.0	23.5	22.5	22.9	22.9	23.3	23.8
8H	4H	21.7	22.2	22.2	22.6	23.0	22.1	22.6	22.5	22.9	23.4
	6H	22.1	22.5	22.6	22.9	23.4	22.8	23.2	23.2	23.6	24.1
	8H	22.3	22.6	22.8	23.1	23.6	23.0	23.4	23.5	23.8	24.3
	12H	22.5	22.8	23.0	23.3	23.8	23.2	23.5	23.7	24.0	24.5
12H	4H	21.8	22.2	22.2	22.6	23.1	22.1	22.5	22.5	22.9	23.3
	6H	22.2	22.5	22.7	23.0	23.5	22.8	23.1	23.3	23.6	24.1
	8H	22.4	22.7	22.9	23.2	23.7	23.1	23.4	23.6	23.9	24.4
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.3					
1.5H	+ 1.7 / - 1.5					+ 1.6 / - 1.2					
2.0H	+ 2.4 / - 1.3					+ 2.2 / - 1.2					

CIE Pub.117 Corrected 1024 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

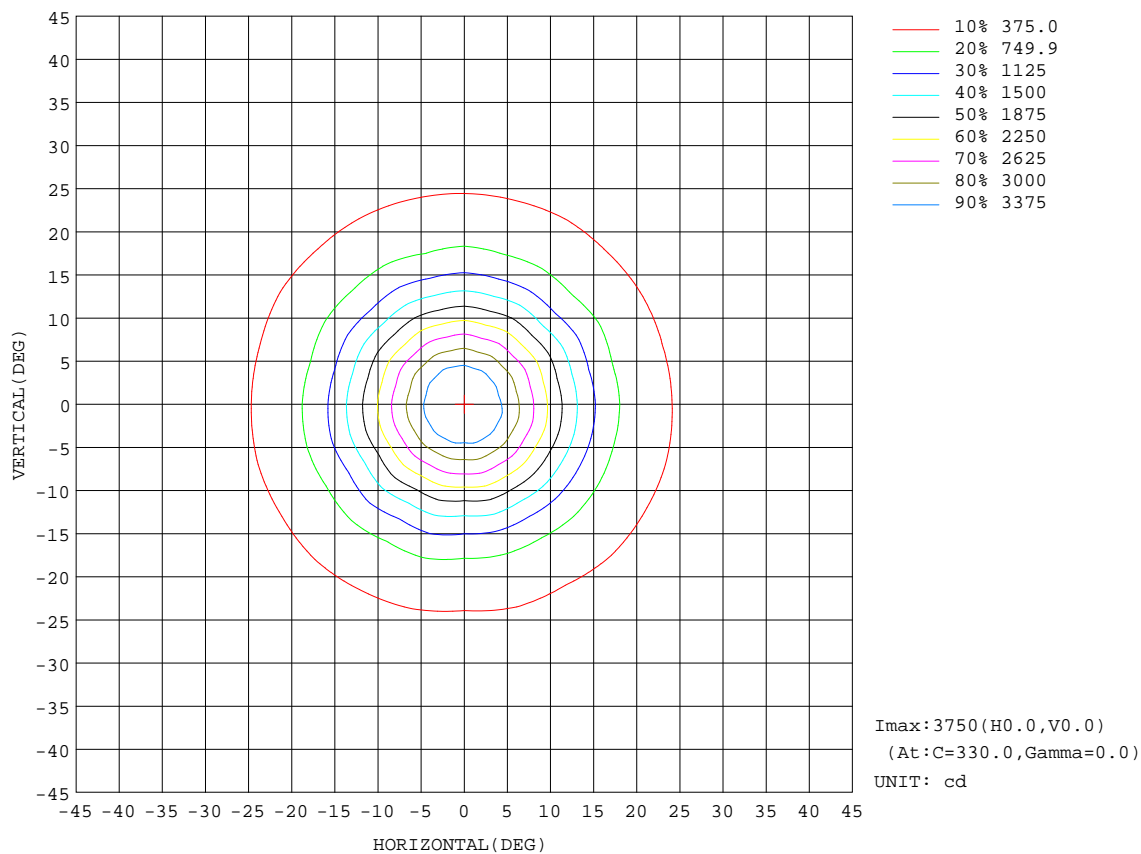
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	82	76	72	81	75	72	68
0.80	91	84	80	90	84	80	89	83	79	75
1.00	96	90	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	101	98	95	89
2.50	108	104	101	106	102	99	103	100	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	103	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:ZhangXiao  
Test Date:2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



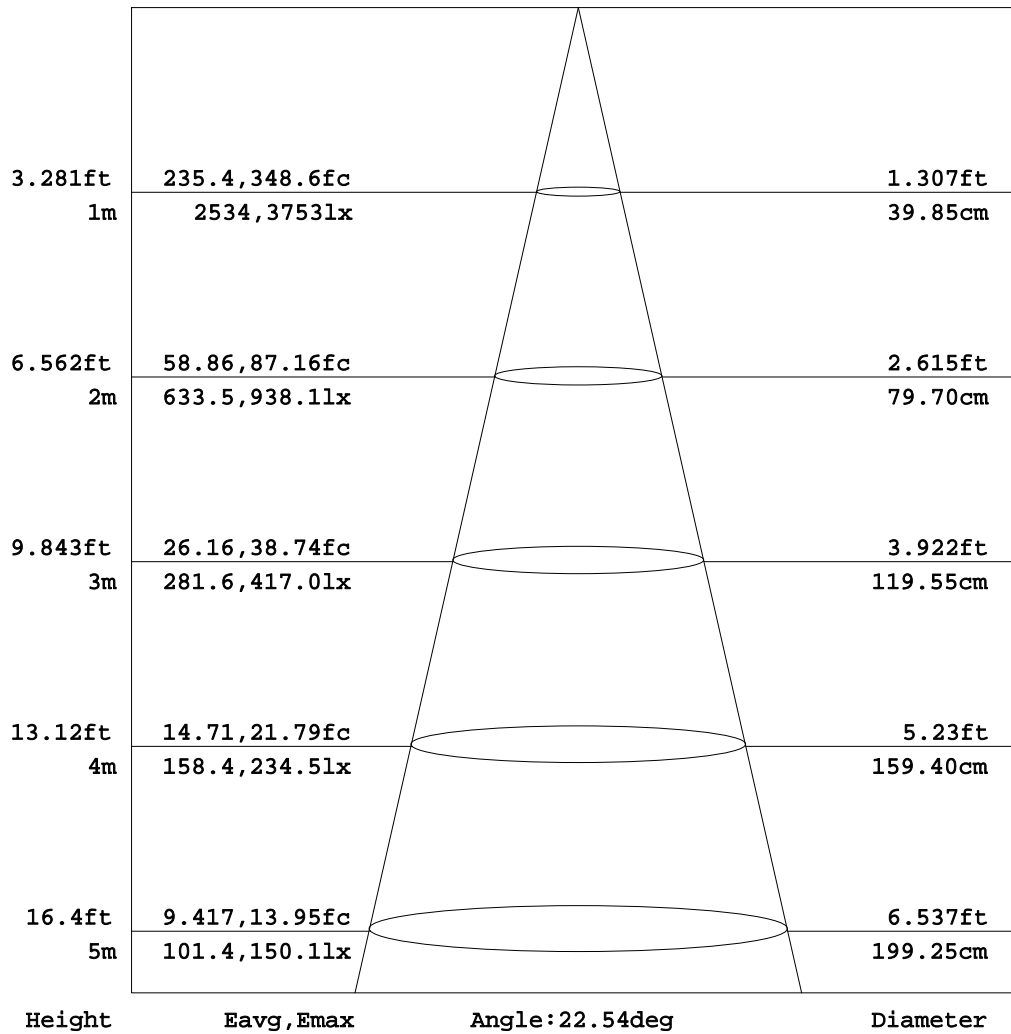
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ZhangXiao  
 Test Date: 2015-12-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity: 65.0%  
 Test Distance: 6.590m [K=1.0000]  
 Remarks:

### AAI Figure

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:359.7 lm



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

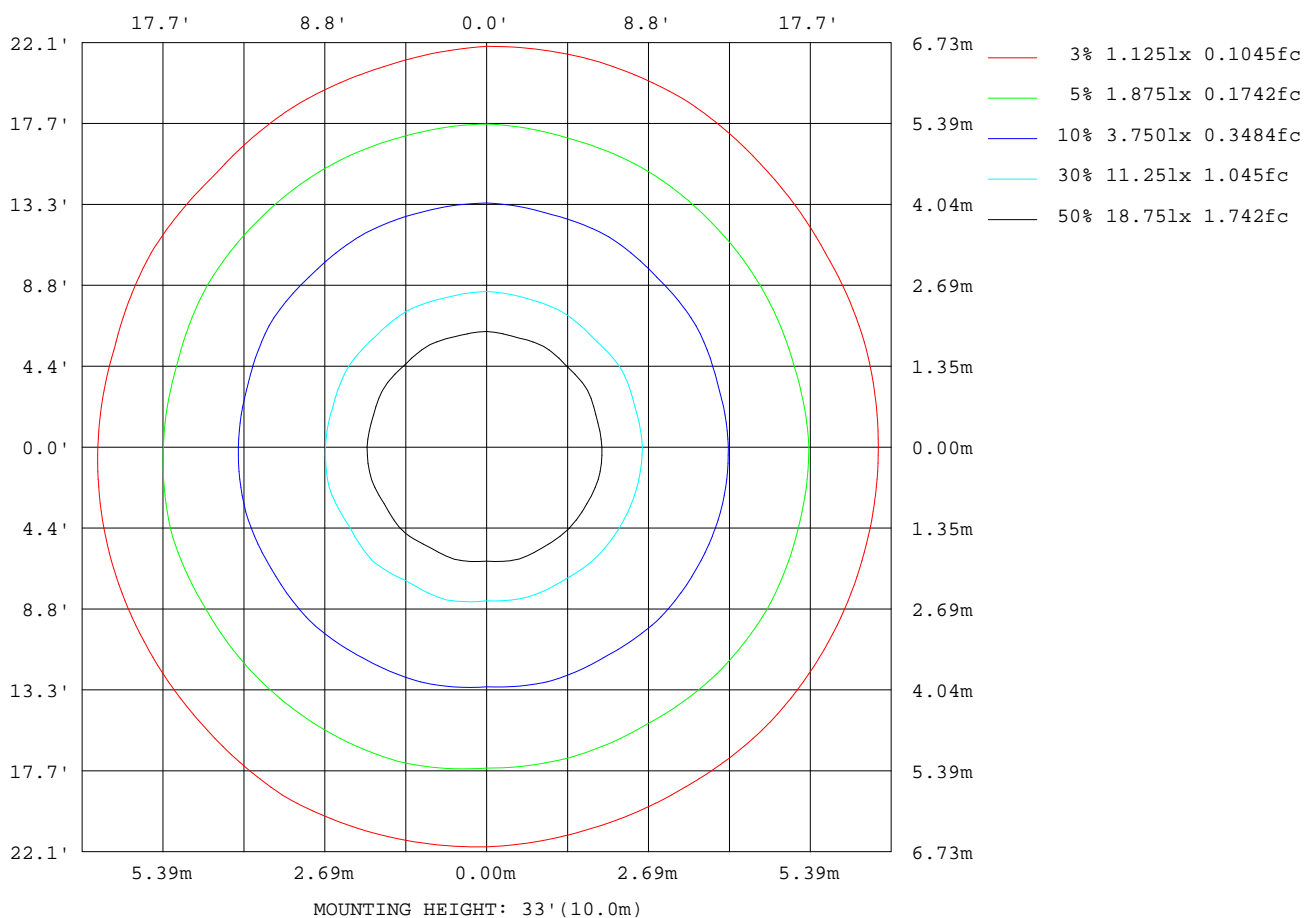
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

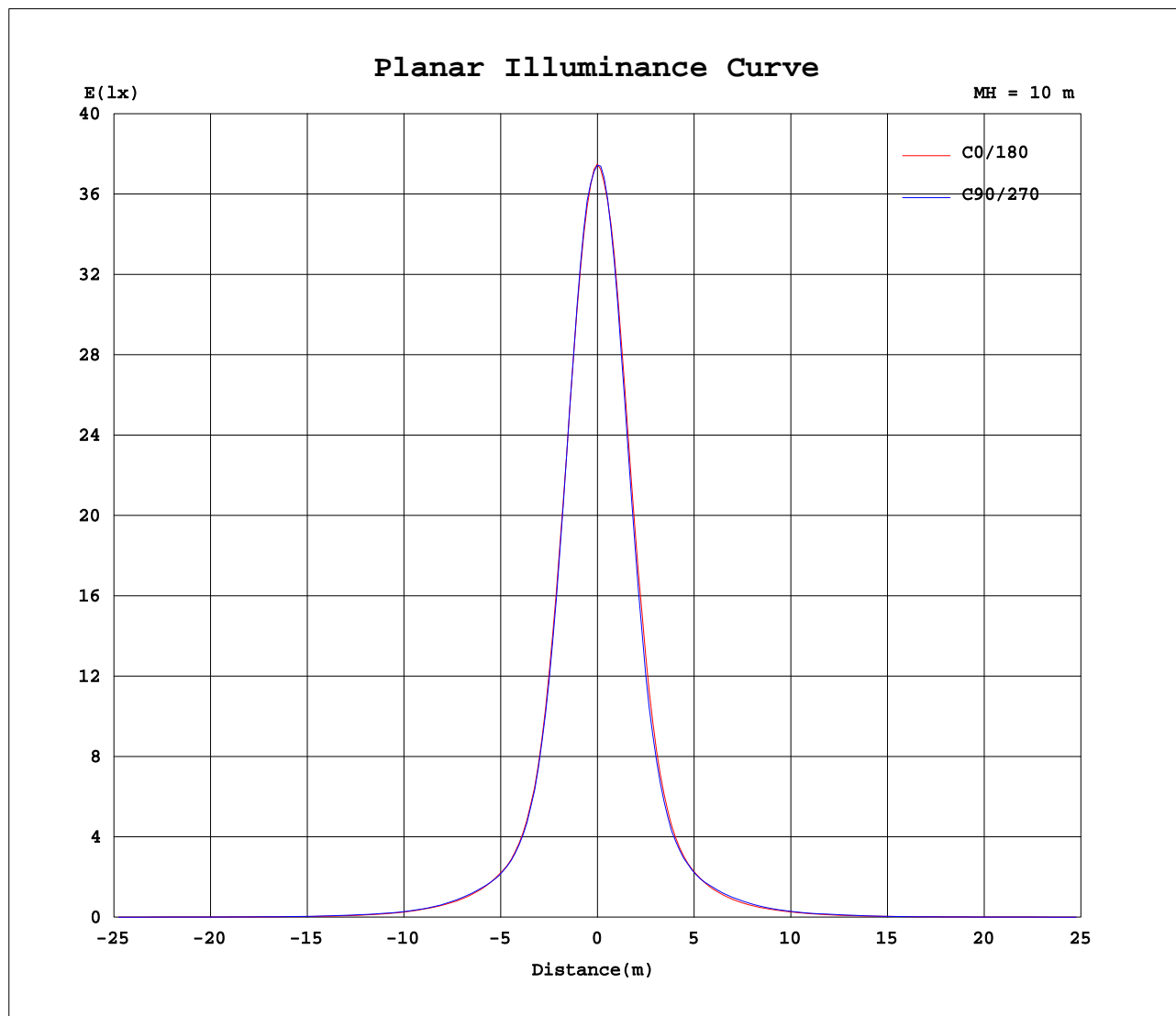
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm																			
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	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745	3745
5	3259	3298	3279	3309	3300	3317	3287	3315	3305	3334	3321	3346	3327	3293	3326	3301	3329	3286	3299
10	2164	2190	2151	2180	2158	2199	2149	2197	2171	2241	2216	2271	2260	2215	2252	2185	2221	2160	2183
15	1156	1154	1145	1153	1124	1153	1130	1205	1162	1254	1206	1275	1249	1209	1227	1173	1195	1139	1159
20	584	583	585	592	571	578	569	604	599	627	633	646	638	622	634	617	614	586	602
25	346	350	348	348	338	349	343	357	360	367	363	370	362	360	368	358	359	358	358
30	239	241	242	243	240	241	243	248	250	245	243	245	238	230	236	230	238	238	248
35	166	167	168	169	168	173	178	181	183	175	169	168	162	155	158	156	164	171	179
40	115	115	114	113	113	119	120	122	121	118	115	114	109	108	108	104	113	117	124
45	73.1	74.9	74.1	70.2	72.9	79.0	80.3	80.2	82.0	81.4	78.9	75.5	74.7	73.3	72.2	69.1	74.6	78.8	83.9
50	44.8	47.8	45.9	45.2	45.6	51.8	54.8	59.1	58.0	55.3	51.7	49.6	48.1	47.0	47.7	45.7	49.3	54.3	57.9
55	25.9	26.6	26.3	26.9	28.9	31.8	31.4	31.8	32.6	32.7	31.3	30.3	28.8	28.6	29.7	28.5	32.3	32.7	33.8
60	16.9	17.4	17.6	17.2	17.8	19.5	18.2	19.0	18.9	19.4	18.8	20.1	19.4	18.9	19.4	18.7	20.5	19.9	19.0
65	11.8	12.2	12.2	12.0	12.6	13.4	13.0	13.4	13.5	13.0	12.9	13.3	12.8	12.9	13.3	12.8	13.0	13.9	13.5
70	8.78	8.98	9.04	9.00	9.21	9.75	9.29	9.84	9.74	9.46	9.37	9.21	9.29	9.28	9.43	9.43	9.36	10.1	9.77
75	6.58	6.75	6.72	6.76	6.76	6.99	6.80	7.22	7.09	7.01	6.96	6.79	6.85	6.74	6.93	6.94	6.74	7.26	7.17
80	4.56	4.69	4.62	5.38	10.9	4.66	4.55	4.82	4.71	6.90	5.96	4.75	4.79	4.60	4.75	4.74	4.82	4.82	4.86
85	3.01	3.04	2.99	3.29	4.03	2.91	2.88	2.98	2.92	3.63	3.85	3.07	3.17	3.09	3.14	3.60	5.33	3.10	3.17
90	2.04	2.02	2.04	2.19	2.37	1.86	1.87	1.86	1.87	1.97	2.32	2.03	2.36	2.34	2.34	2.48	2.44	2.24	2.24
95	1.85	1.82	1.84	2.05	2.23	1.67	1.71	1.68	1.71	1.88	2.20	1.87	2.44	2.39	2.41	2.63	2.68	2.30	2.32
100	1.82	1.79	1.80	2.00	2.34	1.66	1.66	1.67	1.67	1.96	2.24	1.83	2.53	2.49	2.51	2.76	3.07	2.39	2.41
105	1.91	1.92	1.92	2.18	2.56	1.80	1.79	1.80	1.79	2.33	2.43	1.95	2.63	2.60	2.62	2.89	3.08	2.51	2.53
110	2.17	2.18	2.20	2.44	2.76	2.07	2.07	2.07	2.07	2.48	2.73	2.23	2.77	2.75	2.76	2.98	3.23	2.66	2.68
115	2.50	2.51	2.53	2.85	3.11	2.41	2.41	2.40	2.41	2.75	2.99	2.57	2.97	2.94	2.97	3.25	3.33	2.87	2.88
120	2.94	2.93	2.96	3.36	3.45	2.82	2.82	2.81	2.82	3.14	3.38	2.98	3.29	3.26	3.28	3.60	3.53	3.21	3.22
125	3.56	3.54	3.58	3.87	3.80	3.43	3.44	3.42	3.44	3.64	3.94	3.58	3.82	3.80	3.81	4.03	3.96	3.76	3.76
130	4.40	4.37	4.42	4.59	4.54	4.28	4.29	4.26	4.29	4.38	4.69	4.43	4.58	4.57	4.57	4.71	4.61	4.55	4.54
135	5.37	5.34	5.40	5.51	5.48	5.25	5.26	5.23	5.26	5.32	5.62	5.41	5.48	5.47	5.48	5.60	5.51	5.47	5.46
140	6.25	6.23	6.28	6.39	6.31	6.15	6.17	6.14	6.16	6.19	6.43	6.27	6.33	6.32	6.33	6.46	6.41	6.32	6.31
145	6.92	6.90	6.95	7.07	7.03	6.84	6.84	6.82	6.85	6.89	7.10	6.95	6.99	6.98	6.99	7.15	7.10	6.98	6.97
150	7.36	7.36	7.39	7.46	7.40	7.29	7.30	7.29	7.31	7.36	7.53	7.42	7.45	7.43	7.45	7.56	7.51	7.41	7.42
155	7.66	7.65	7.68	7.67	7.63	7.62	7.62	7.62	7.64	7.69	7.88	7.74	7.75	7.73	7.74	7.87	7.87	7.72	7.72
160	7.85	7.84	7.84	7.84	7.85	7.85	7.87	7.86	7.88	7.89	7.90	7.89	7.92	7.91	7.91	7.92	7.93	7.93	7.93
165	7.94	7.94	7.94	7.94	7.96	7.97	7.96	7.98	7.99	7.98	7.98	7.98	8.01	8.01	8.01	8.01	8.03	8.02	8.03
170	7.85	7.85	7.86	7.87	7.89	7.89	7.91	7.90	7.92	7.90	7.91	7.90	7.94	7.94	7.93	7.95	7.95	7.96	7.96
175	7.68	7.67	7.69	7.69	7.71	7.71	7.73	7.72	7.74	7.73	7.73	7.72	7.76	7.76	7.75	7.77	7.77	7.77	7.78
180	7.74	7.74	7.74	7.75	7.76	7.76	7.77	7.76	7.78	7.77	7.78	7.77	7.74	7.74	7.74	7.75	7.76	7.76	7.77

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:1023.53x1 lm					
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	3745	3745	3745	3745	3745														
5	3253	3282	3250	3270	3239														
10	2133	2193	2149	2197	2143														
15	1128	1148	1103	1165	1121														
20	577	590	568	593	568														
25	355	357	342	341	345														
30	240	243	237	236	235														
35	181	177	171	167	167														
40	123	125	122	118	112														
45	85.0	85.2	78.5	76.6	72.6														
50	59.0	57.1	53.2	49.3	46.3														
55	32.9	31.2	29.1	29.2	26.7														
60	18.8	18.5	18.2	17.5	17.5														
65	13.6	13.5	12.5	12.1	12.2														
70	9.96	9.92	9.12	9.02	8.73														
75	7.20	7.12	7.04	6.87	6.55														
80	4.85	4.82	4.08	6.56	4.60														
85	3.12	3.13	4.35	4.55	3.17														
90	2.25	2.26	2.50	2.79	2.43														
95	2.31	2.32	2.58	2.90	2.45														
100	2.41	2.42	2.87	3.09	2.54														
105	2.52	2.53	3.02	3.23	2.65														
110	2.67	2.68	3.07	3.36	2.81														
115	2.88	2.90	3.24	3.52	3.06														
120	3.23	3.24	3.50	3.91	3.40														
125	3.78	3.78	4.02	4.27	3.96														
130	4.57	4.57	4.68	4.89	4.76														
135	5.49	5.49	5.55	5.77	5.67														
140	6.34	6.33	6.39	6.55	6.47														
145	6.98	6.99	7.09	7.21	7.09														
150	7.42	7.43	7.53	7.64	7.52														
155	7.72	7.72	7.84	7.96	7.79														
160	7.92	7.94	7.94	7.94	7.94														
165	8.01	8.04	8.03	8.03	8.02														
170	7.96	7.96	7.96	7.95	7.94														
175	7.78	7.78	7.79	7.78	7.78														
180	7.77	7.77	7.77	7.78	7.77														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: