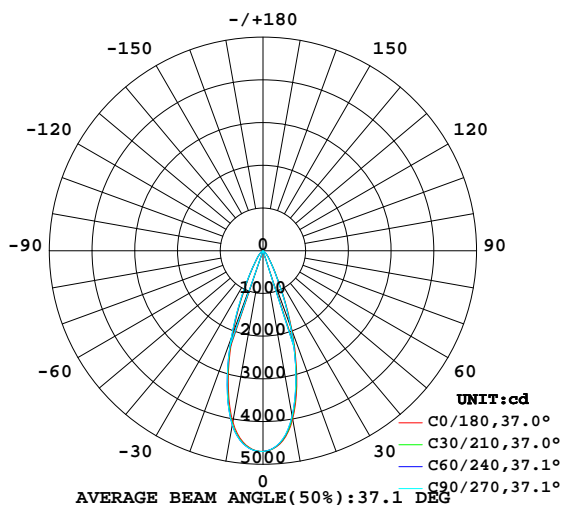


## LUMINAIRE PHOTOMETRIC TEST REPORT

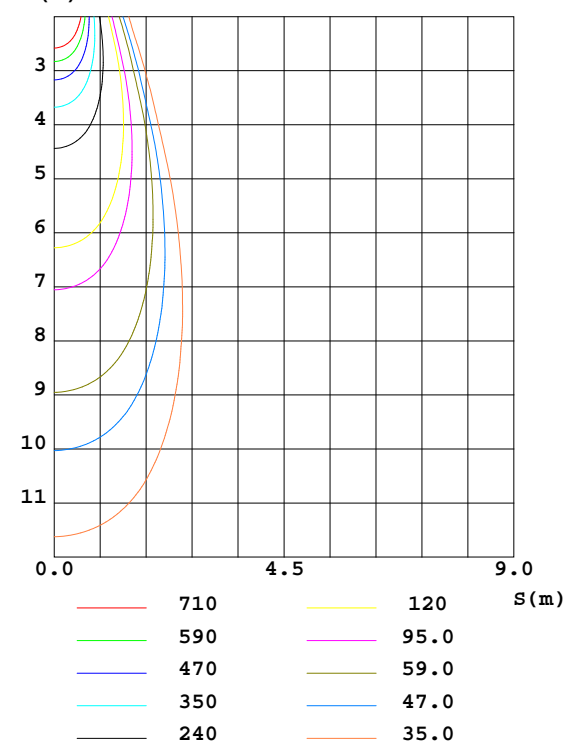
Test:U:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.86 lm/W			
MODEL	DL08-20W-840-W-36-02	Imax(cd)	4700	S/MH(C0/180)	0.59
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2178.9	η UP,DN(C0-180)	1.3,47.3
NOMINAL FLUX(lm)	2178.86	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,50.0
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	0.60

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:2016-08-31

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	lum, lamp
10	4005	3976	3926	3993	4069	4105	4139	4058	0- 10	418.4	418.4	19.2,19.2
20	1983	1953	1904	1991	2069	2097	2182	2076	10- 20	842.6	1261	57.9,57.9
30	535.1	526.6	502.2	526.1	552.2	568.7	591.2	559.7	20- 30	515.3	1776	81.5,81.5
40	188.6	184.3	177.8	181.2	189.2	192.9	196.7	190.4	30- 40	196.6	1973	90.5,90.5
50	67.91	64.69	62.67	64.24	69.19	69.19	72.17	67.91	40- 50	93.31	2066	94.8,94.8
60	12.85	11.37	12.32	11.77	13.04	12.05	13.43	11.55	50- 60	30.09	2096	96.2,96.2
70	8.251	8.181	7.949	7.894	7.832	7.933	7.870	7.694	60- 70	9.208	2106	96.6,96.6
80	7.342	7.269	7.000	6.943	7.268	7.361	7.330	7.120	70- 80	7.945	2114	97,97
90	4.435	4.627	4.266	4.611	5.377	5.555	5.669	5.161	80- 90	6.659	2120	97.3,97.3
100	4.985	5.013	5.181	4.935	6.322	6.154	5.945	5.573	90-100	5.621	2126	97.6,97.6
110	5.145	5.302	5.083	4.939	6.403	6.330	6.197	5.870	100-110	6.002	2132	97.8,97.8
120	6.862	6.997	6.977	6.829	7.708	7.662	7.501	7.535	110-120	6.223	2138	98.1,98.1
130	10.00	10.14	10.18	10.02	10.46	10.38	10.24	10.32	120-130	7.740	2146	98.5,98.5
140	13.41	13.50	13.57	13.46	13.70	13.61	13.51	13.64	130-140	9.171	2155	98.9,98.9
150	16.23	16.29	16.35	16.27	16.43	16.38	16.30	16.39	140-150	9.410	2164	99.3,99.3
160	17.44	17.47	17.49	17.50	17.64	17.62	17.61	17.64	150-160	7.894	2172	99.7,99.7
170	17.25	17.26	17.29	17.34	17.43	17.45	17.49	17.50	160-170	4.964	2177	99.9,99.9
180	17.67	17.71	17.73	17.77	17.70	17.70	17.74	17.76	170-180	1.664	2179	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

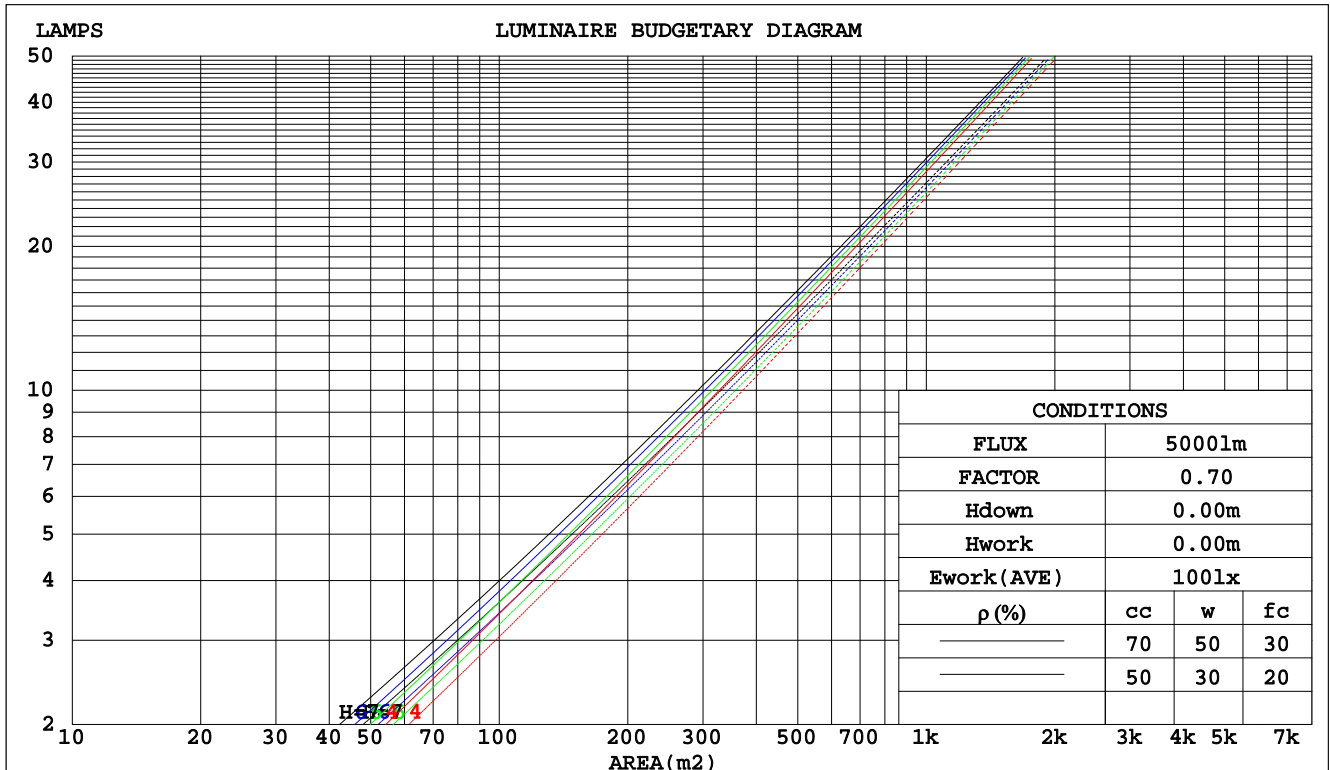
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 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: 2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 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	.167	.095	.030	.160	.091	.029	.146	.084	.027	.133	.077	.025	.121	.070	.023	
2.0	.157	.086	.026	.150	.083	.026	.139	.077	.024	.128	.072	.022	.117	.066	.021	
3.0	.147	.078	.023	.142	.076	.023	.132	.071	.022	.122	.067	.021	.114	.063	.019	
4.0	.139	.072	.021	.134	.070	.021	.125	.067	.020	.117	.063	.019	.110	.060	.018	
5.0	.131	.067	.019	.127	.065	.019	.120	.062	.018	.112	.059	.018	.106	.057	.017	
6.0	.125	.063	.018	.121	.061	.018	.114	.059	.017	.108	.056	.016	.102	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	
8.0	.113	.055	.016	.110	.054	.015	.105	.052	.015	.100	.051	.015	.095	.049	.014	
9.0	.108	.052	.015	.106	.052	.014	.101	.050	.014	.096	.048	.014	.092	.047	.013	
10.0	.104	.050	.014	.101	.049	.014	.097	.048	.013	.093	.046	.013	.089	.045	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.191	.178	.166	.164	.153	.143	.112	.105	.099	.064	.061	.058	.021	.020	.019	
2.0	.175	.153	.135	.150	.132	.117	.103	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.162	.134	.113	.139	.116	.098	.095	.081	.068	.055	.047	.040	.018	.015	.013	
4.0	.151	.120	.096	.129	.103	.083	.089	.072	.059	.051	.042	.035	.017	.014	.011	
5.0	.141	.108	.083	.121	.093	.072	.084	.065	.051	.048	.038	.030	.016	.012	.010	
6.0	.133	.098	.073	.115	.085	.064	.079	.060	.045	.046	.035	.027	.015	.011	.009	
7.0	.126	.091	.065	.109	.078	.057	.075	.055	.040	.044	.032	.024	.014	.011	.008	
8.0	.120	.084	.059	.104	.073	.052	.072	.051	.037	.042	.030	.022	.013	.010	.007	
9.0	.115	.079	.054	.099	.068	.047	.069	.048	.034	.040	.028	.020	.013	.009	.007	
10.0	.110	.074	.050	.095	.064	.044	.066	.045	.031	.038	.027	.019	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 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	18.3	19.1	18.5	19.3	19.5	17.9	18.8	18.2	19.0	19.2
	3H	18.2	19.0	18.5	19.2	19.5	17.9	18.7	18.2	18.9	19.1
	4H	18.3	19.0	18.6	19.2	19.5	17.9	18.6	18.2	18.9	19.2
	6H	18.4	19.1	18.7	19.3	19.6	18.1	18.7	18.4	19.0	19.3
	8H	18.5	19.1	18.9	19.4	19.8	18.2	18.8	18.5	19.1	19.4
	12H	18.6	19.2	19.0	19.6	19.9	18.3	18.9	18.7	19.2	19.6
4H	2H	18.1	18.8	18.4	19.1	19.3	17.8	18.5	18.1	18.7	19.0
	3H	18.1	18.7	18.4	19.0	19.3	17.8	18.4	18.1	18.7	19.0
	4H	18.2	18.7	18.6	19.1	19.4	17.9	18.4	18.3	18.8	19.1
	6H	18.4	18.9	18.9	19.3	19.7	18.1	18.6	18.5	19.0	19.4
	8H	18.7	19.1	19.1	19.5	19.9	18.4	18.8	18.8	19.2	19.6
	12H	18.9	19.3	19.3	19.7	20.2	18.6	19.0	19.0	19.4	19.9
8H	4H	18.2	18.6	18.6	19.0	19.4	17.9	18.3	18.3	18.7	19.1
	6H	18.6	18.9	19.0	19.4	19.8	18.3	18.6	18.7	19.1	19.6
	8H	18.9	19.2	19.4	19.7	20.2	18.6	18.9	19.1	19.4	19.9
	12H	19.3	19.6	19.8	20.0	20.6	19.0	19.3	19.5	19.8	20.3
12H	4H	18.1	18.6	18.6	19.0	19.4	17.8	18.3	18.3	18.7	19.1
	6H	18.6	18.9	19.1	19.4	19.9	18.3	18.7	18.8	19.1	19.6
	8H	19.0	19.3	19.5	19.8	20.3	18.7	19.0	19.2	19.5	20.0
Variations with the observer position at spacings:											
S = 1.0H	+ 1.6 / - 2.5					+ 1.5 / - 2.5					
1.5H	+ 2.5 / - 2.7					+ 2.3 / - 2.7					
2.0H	+ 3.6 / - 2.0					+ 3.4 / - 2.0					

CIE Pub.117 Corrected 2179 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

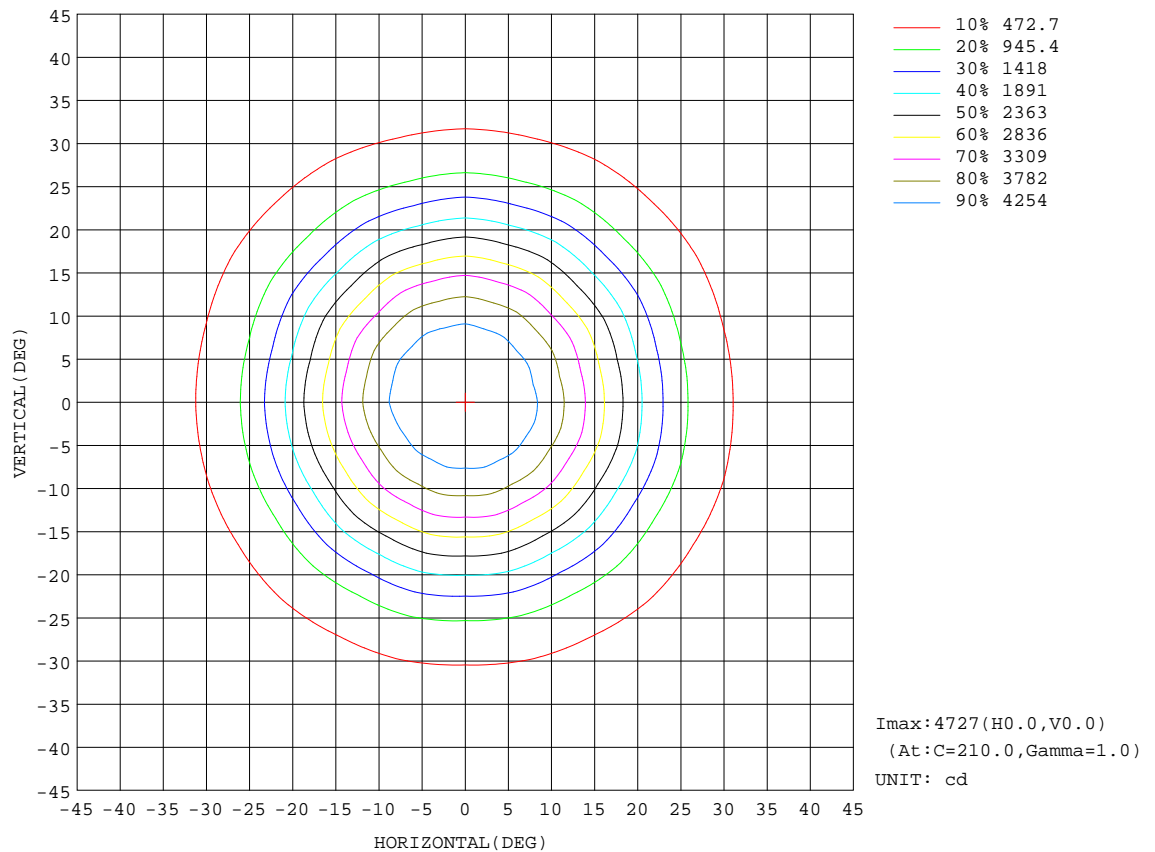
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	98	94	91	87
1.50	104	100	96	103	99	95	101	97	94	89
2.00	107	103	100	106	102	99	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
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:2016-08-31

$\gamma$  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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



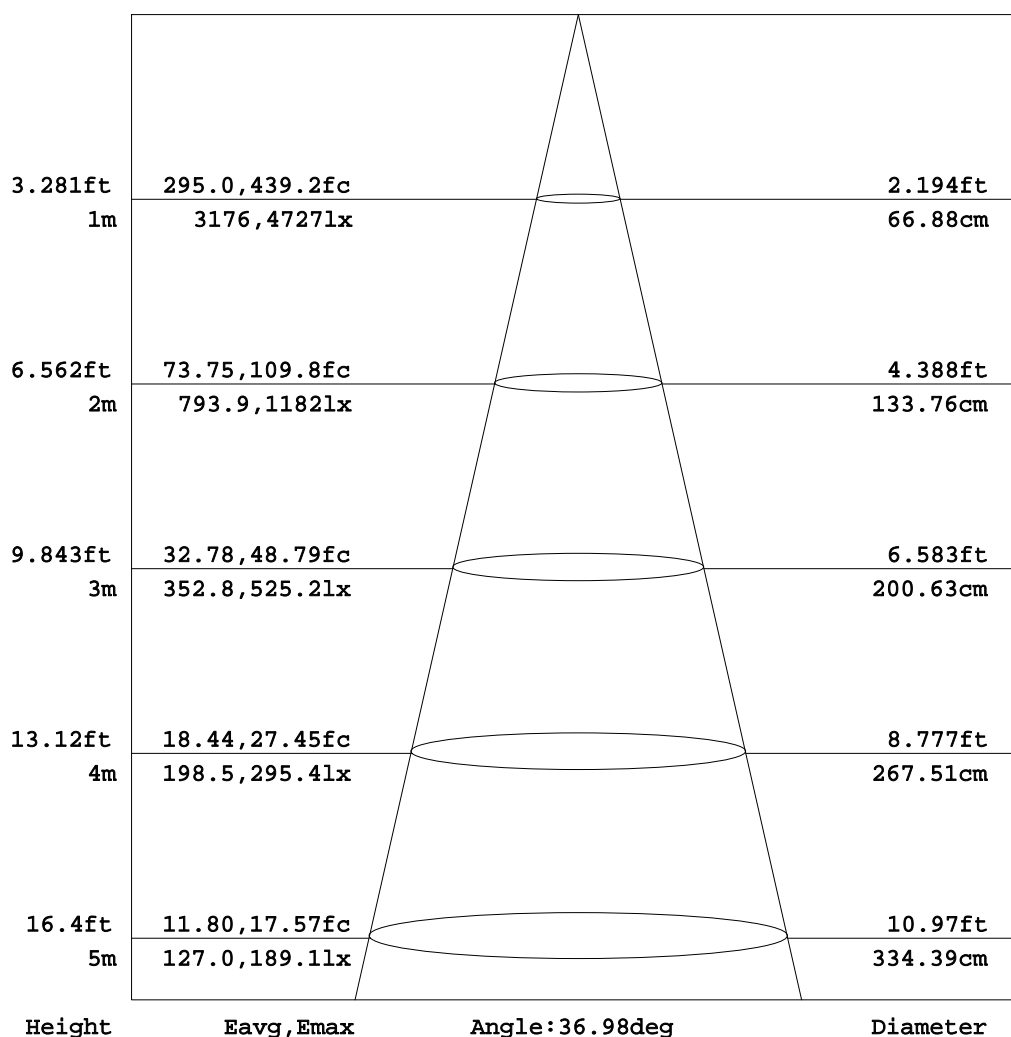
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1183 lm



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

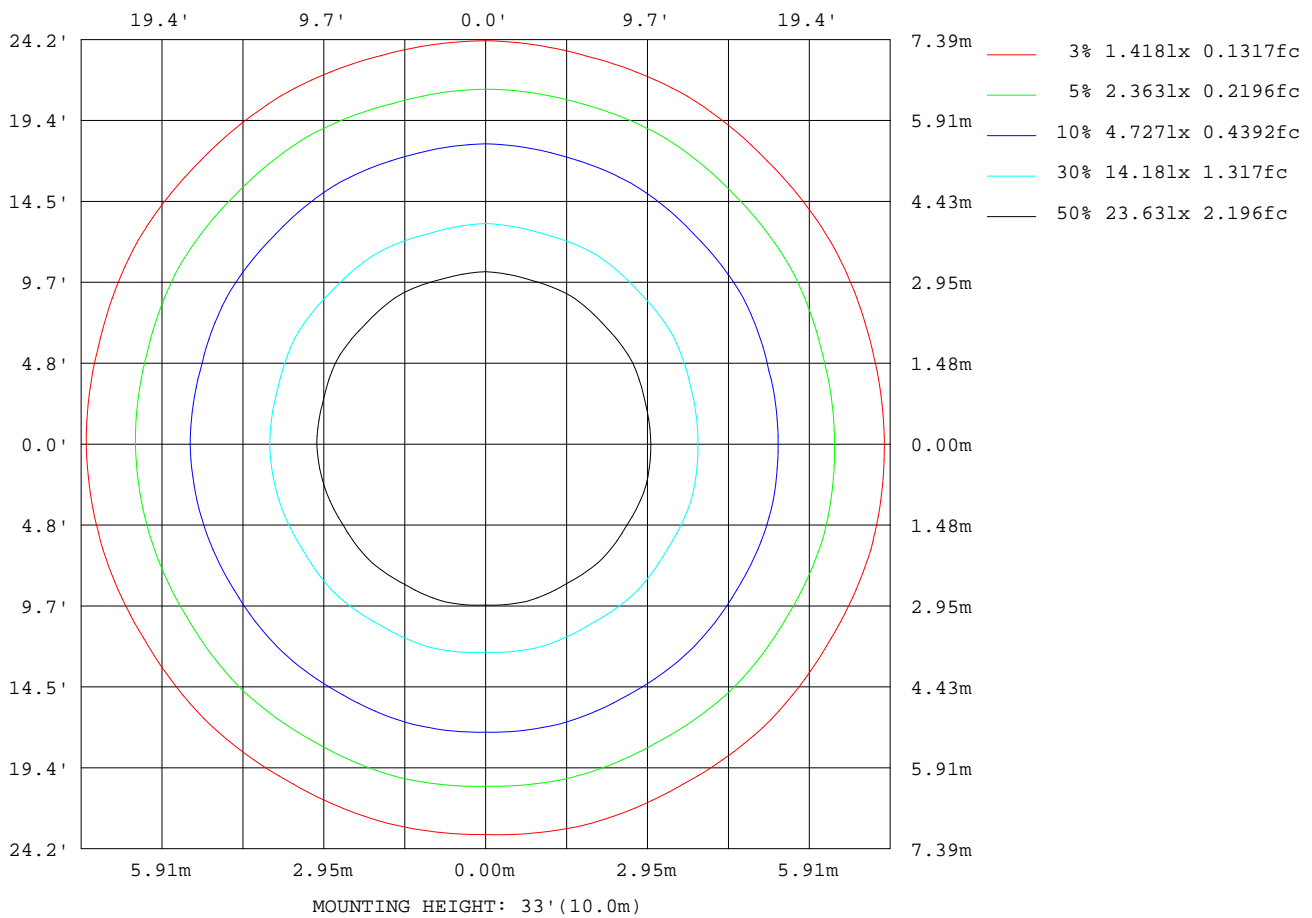
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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

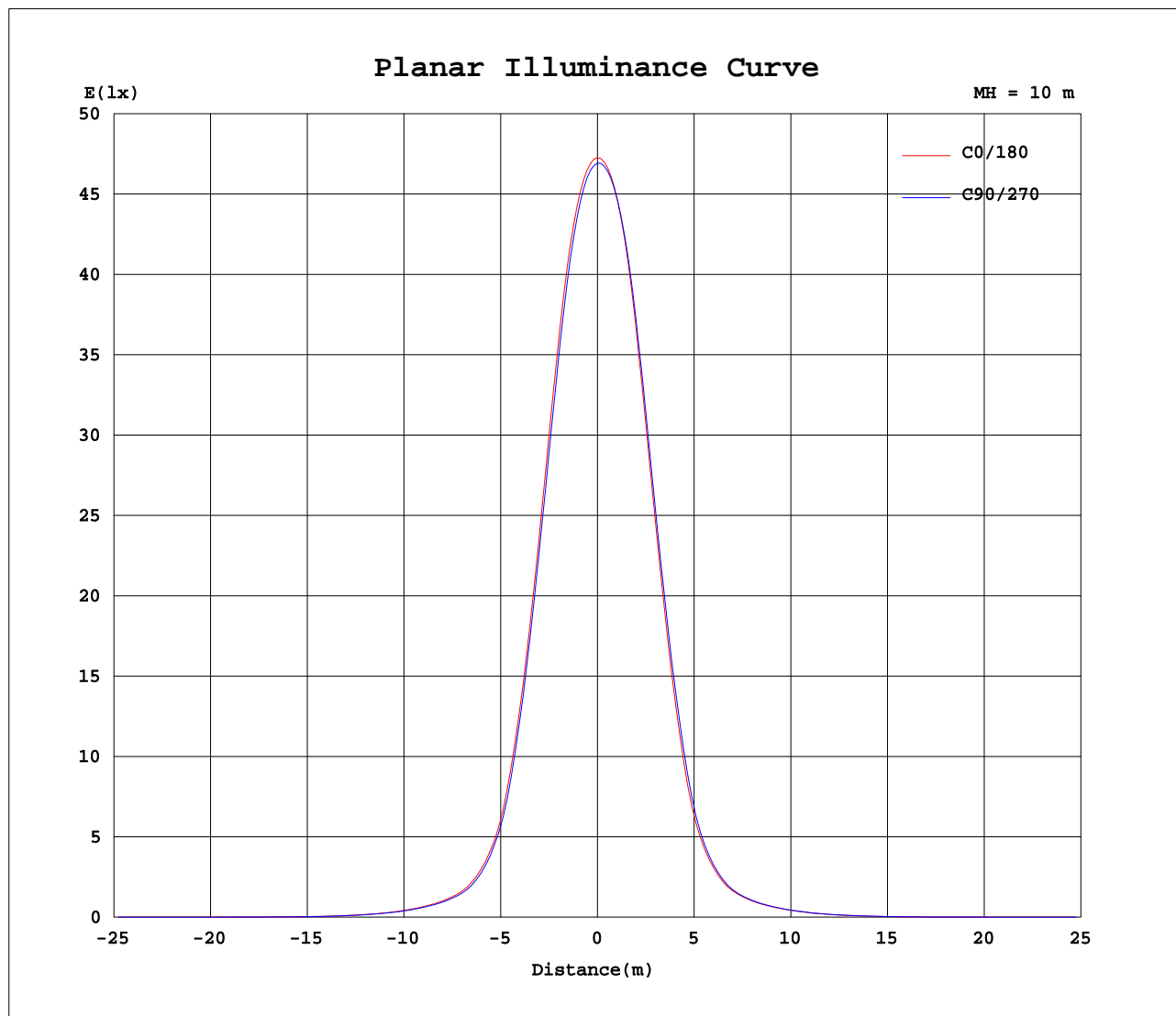
Test:U:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-31

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: 2016-08-31

$\gamma$  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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 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	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698	4698
5	4542	4545	4527	4532	4515	4522	4512	4523	4516	4537	4537	4559	4566	4561	4583	4579	4592	4584	4592
10	4005	4011	3967	3976	3935	3954	3926	3959	3947	3993	3992	4047	4069	4065	4118	4105	4142	4115	4139
15	3061	3078	3010	3031	2971	3008	2966	3016	2992	3058	3044	3116	3148	3131	3210	3184	3248	3207	3255
20	1983	1996	1933	1953	1903	1937	1904	1955	1933	1991	1975	2041	2069	2046	2129	2097	2166	2126	2182
25	1061	1076	1025	1042	994	1018	990	1032	1006	1053	1034	1084	1098	1095	1148	1134	1179	1160	1197
30	535	540	521	527	508	515	502	517	507	526	522	544	552	551	573	569	586	577	591
35	294	296	289	290	280	282	274	278	275	283	282	293	297	297	308	306	312	306	311
40	189	189	184	184	181	182	178	179	177	181	182	187	189	189	194	193	197	194	197
45	121	120	116	116	114	115	112	114	113	115	116	120	121	121	124	123	126	124	126
50	67.9	67.7	64.7	64.7	63.1	64.4	62.7	63.8	62.4	64.2	64.8	68.1	69.2	68.8	70.1	69.2	72.0	71.2	72.2
55	31.6	31.6	29.5	29.4	28.7	29.7	28.9	29.6	28.6	29.6	30.3	32.6	33.2	32.7	33.0	32.2	34.5	34.1	34.8
60	12.9	12.9	12.5	11.4	12.0	12.5	12.3	12.4	12.4	11.8	12.4	13.0	13.0	13.0	12.9	12.0	12.8	13.1	13.4
65	8.67	8.71	8.54	8.57	8.43	8.42	8.39	8.37	8.41	8.56	8.55	8.98	9.00	8.99	8.75	8.62	9.09	8.82	8.82
70	8.25	8.17	8.10	8.18	8.04	8.02	7.95	7.85	7.81	7.89	7.69	7.91	7.83	7.83	7.88	7.93	7.86	7.88	7.87
75	7.79	7.71	7.59	7.70	7.52	7.52	7.44	7.34	7.30	7.37	7.17	7.36	7.46	7.43	7.46	7.55	7.50	7.53	7.54
80	7.34	7.26	7.16	7.27	7.08	7.08	7.00	6.92	6.85	6.94	6.76	6.90	7.27	7.24	7.26	7.36	7.29	7.31	7.33
85	5.52	5.27	5.07	5.51	5.39	5.55	5.62	5.26	5.06	5.19	4.87	4.97	5.67	5.57	5.64	5.72	5.75	5.68	5.79
90	4.44	4.55	4.52	4.63	4.32	4.29	4.27	4.40	4.43	4.61	4.33	4.40	5.38	5.38	5.46	5.55	5.45	5.54	5.67
95	4.51	4.49	4.51	4.56	4.48	4.54	4.50	4.44	4.45	4.64	4.35	4.37	5.63	5.59	5.65	5.70	5.52	5.54	5.53
100	4.99	4.80	4.57	5.01	4.88	5.08	5.18	4.79	4.51	4.93	4.76	4.86	6.32	6.03	5.83	6.15	5.95	5.95	5.94
105	5.70	5.15	4.82	5.56	5.40	5.47	5.39	4.94	4.63	4.91	5.02	5.21	6.80	6.33	6.08	6.48	6.40	6.46	6.54
110	5.14	5.09	5.04	5.30	5.14	5.13	5.08	5.02	4.91	4.94	4.98	4.99	6.40	6.28	6.24	6.33	6.22	6.19	6.20
115	5.70	5.72	5.80	5.87	5.80	5.75	5.77	5.72	5.71	5.66	5.68	5.63	6.80	6.78	6.75	6.79	6.68	6.67	6.63
120	6.86	6.88	6.99	7.00	7.00	6.94	6.98	6.90	6.93	6.83	6.86	6.78	7.71	7.67	7.64	7.66	7.54	7.55	7.50
125	8.35	8.36	8.49	8.49	8.52	8.45	8.49	8.41	8.46	8.33	8.36	8.26	8.94	8.91	8.87	8.89	8.78	8.78	8.73
130	10.0	10.0	10.2	10.1	10.2	10.1	10.2	10.1	10.2	10.0	10.0	9.94	10.5	10.4	10.4	10.4	10.3	10.3	10.2
135	11.7	11.7	11.8	11.8	11.9	11.9	11.9	11.8	11.9	11.8	11.8	11.7	12.1	12.1	12.0	12.0	11.9	11.9	11.9
140	13.4	13.4	13.5	13.5	13.6	13.5	13.6	13.5	13.5	13.5	13.5	13.4	13.7	13.7	13.6	13.6	13.5	13.6	13.5
145	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0	15.0	14.9	15.2	15.2	15.1	15.1	15.1	15.1	15.1
150	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.2	16.4	16.4	16.4	16.4	16.3	16.3	16.3
155	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.1	17.1	17.3	17.2	17.2	17.2	17.2	17.2	17.2
160	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
165	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
170	17.2	17.3	17.2	17.3	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5
175	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
180	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.7	17.7

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:226.5V I:0.0930A P:20.20W PF:0.9540 Lamp Flux:2178.86x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	4698	4698	4698	4698	4698														
5	4578	4581	4564	4567	4544														
10	4098	4108	4058	4067	4014														
15	3195	3220	3146	3160	3079														
20	2121	2156	2076	2089	2001														
25	1165	1184	1134	1138	1080														
30	575	580	560	563	542														
35	304	309	300	302	294														
40	193	194	190	192	189														
45	124	125	121	123	121														
50	70.2	70.6	67.9	69.2	67.8														
55	33.1	32.8	31.0	32.1	31.3														
60	13.1	12.9	11.6	12.4	12.6														
65	8.49	8.43	8.21	8.30	8.41														
70	7.83	7.71	7.69	7.89	8.03														
75	7.48	7.30	7.33	7.59	7.70														
80	7.29	7.06	7.12	7.39	7.50														
85	5.62	5.36	5.31	5.65	5.88														
90	5.53	5.21	5.16	5.39	5.33														
95	5.53	5.49	5.35	5.56	5.67														
100	5.83	5.47	5.57	5.92	6.20														
105	6.17	5.79	5.91	6.55	6.83														
110	6.15	6.06	5.87	5.95	6.39														
115	6.65	6.56	6.54	6.56	6.54														
120	7.54	7.52	7.53	7.55	7.61														
125	8.78	8.75	8.80	8.81	8.91														
130	10.3	10.3	10.3	10.3	10.5														
135	11.9	11.9	12.0	12.0	12.1														
140	13.6	13.6	13.6	13.6	13.7														
145	15.1	15.1	15.2	15.2	15.2														
150	16.4	16.3	16.4	16.4	16.5														
155	17.2	17.2	17.2	17.2	17.3														
160	17.6	17.6	17.6	17.6	17.6														
165	17.6	17.6	17.6	17.6	17.6														
170	17.5	17.5	17.5	17.5	17.5														
175	17.5	17.5	17.6	17.5	17.5														
180	17.7	17.8	17.8	17.8	17.8														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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: