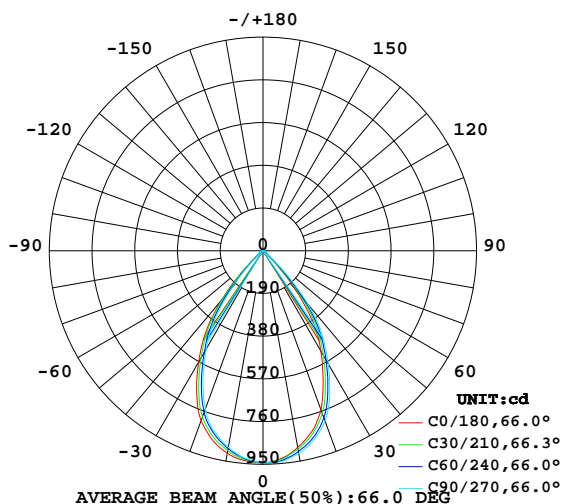


LUMINAIRE PHOTOMETRIC TEST REPORT

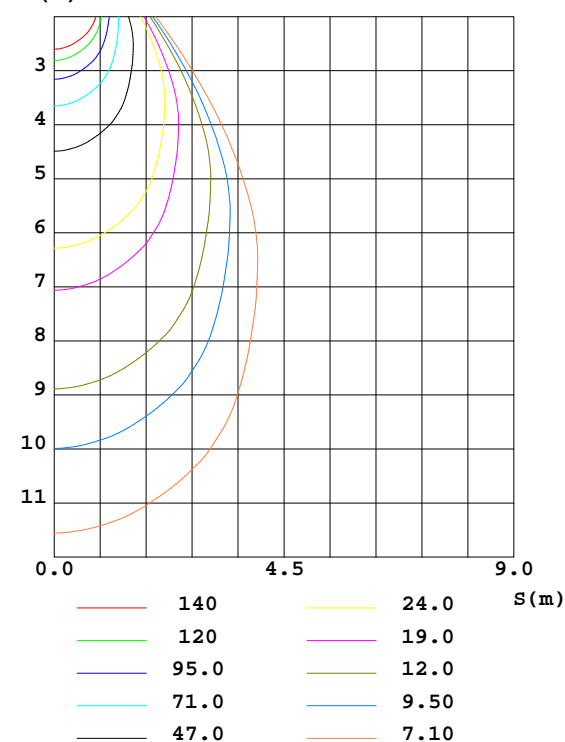
Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.57 lm/W			
MODEL	M031-11W-840-S-60	Imax(cd)	945.4	S/MH(C0/180)	0.94
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	1.01
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1054.7	η UP,DN(C0-180)	1.2,51.0
NOMINAL FLUX(lm)	1054.66	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,46.6
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.4	η down(%)	97.5	CIBSE SHR MAX	1.05

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:

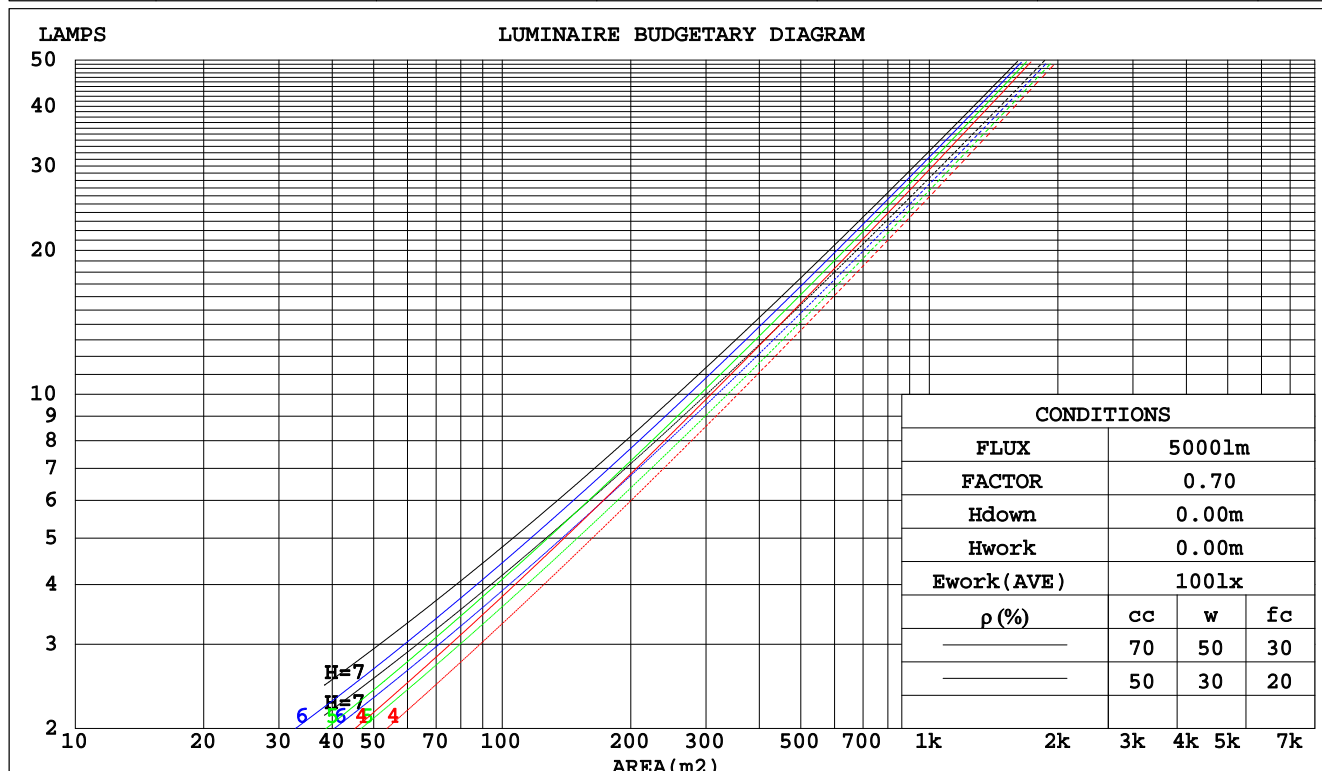
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	888.5	903.8	915.2	921.8	914.2	895.6	887.7	883.9	0- 10	88.02	88.02	8.35,8.35
20	753.3	783.1	806.6	815.3	804.4	771.2	750.7	735.6	10- 20	238.6	326.6	31,31
30	515.0	553.6	580.9	590.0	572.5	532.9	506.6	493.2	20- 30	304.0	630.6	59.8,59.8
40	222.2	277.2	312.1	325.1	287.1	252.6	213.2	201.8	30- 40	255.6	886.2	84,84
50	27.79	32.36	40.13	46.02	38.29	29.05	26.55	26.09	40- 50	90.83	977.0	92.6,92.6
60	17.58	18.92	19.69	19.71	19.15	17.62	17.53	17.31	50- 60	21.00	998.0	94.6,94.6
70	11.96	12.50	12.74	12.86	12.45	11.98	12.13	11.73	60- 70	15.03	1013	96.1,96.1
80	6.950	7.248	7.398	7.579	7.468	7.327	7.292	6.783	70- 80	10.30	1023	97,97
90	1.741	1.954	2.885	3.173	2.447	2.021	2.020	2.022	80- 90	5.467	1029	97.5,97.5
100	2.096	2.053	1.970	1.971	2.334	2.398	2.440	2.455	90-100	2.260	1031	97.8,97.8
110	2.696	2.614	2.509	2.491	2.920	3.023	3.093	3.115	100-110	2.639	1034	98,98
120	3.581	3.447	3.320	3.280	3.739	3.865	3.958	3.988	110-120	3.182	1037	98.3,98.3
130	4.659	4.506	4.357	4.309	4.729	4.873	4.979	5.011	120-130	3.713	1041	98.7,98.7
140	5.826	5.684	5.532	5.472	5.799	5.937	6.026	6.051	130-140	4.042	1045	99,99
150	6.678	6.594	6.477	6.427	6.665	6.749	6.799	6.784	140-150	3.913	1049	99.4,99.4
160	7.317	7.263	7.178	7.120	7.318	7.381	7.414	7.392	150-160	3.217	1052	99.7,99.7
170	7.879	7.854	7.798	7.745	7.878	7.909	7.928	7.884	160-170	2.140	1054	99.9,99.9
180	8.203	8.217	8.193	8.163	8.215	8.210	8.196	8.168	170-180	0.7630	1055	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
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 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						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	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.88	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.75
4.0	.86	.80	.75	.84	.79	.75	.82	.77	.73	.80	.76	.72	.77	.74	.71	.69
5.0	.80	.73	.69	.79	.73	.68	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.71	.66	.62	.70	.65	.61	.68	.64	.61	.59
7.0	.69	.63	.58	.68	.62	.58	.67	.61	.57	.65	.61	.57	.64	.60	.56	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.60	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45



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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 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	.201	.114	.036	.193	.110	.035	.179	.103	.033	.166	.096	.031	.154	.089	.029	
2.0	.191	.105	.032	.185	.102	.031	.172	.096	.030	.161	.090	.028	.151	.085	.027	
3.0	.181	.096	.029	.175	.094	.028	.165	.089	.027	.155	.085	.026	.146	.081	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.149	.080	.024	.141	.077	.023	
5.0	.163	.083	.024	.158	.081	.024	.150	.078	.023	.143	.075	.022	.136	.072	.022	
6.0	.155	.077	.022	.151	.076	.022	.144	.074	.021	.137	.071	.021	.130	.069	.020	
7.0	.147	.073	.021	.144	.072	.020	.137	.069	.020	.131	.067	.020	.126	.065	.019	
8.0	.140	.069	.019	.137	.068	.019	.131	.066	.019	.126	.064	.018	.121	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.061	.017	.116	.059	.017	
10.0	.128	.061	.017	.126	.061	.017	.121	.059	.017	.116	.058	.016	.112	.056	.016	

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.162	.164	.151	.139	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.178	.151	.129	.152	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.166	.133	.106	.143	.115	.092	.098	.080	.064	.057	.046	.038	.018	.015	.012	
4.0	.157	.118	.089	.135	.102	.077	.093	.071	.054	.054	.042	.032	.017	.014	.011	
5.0	.149	.107	.076	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.142	.098	.067	.122	.085	.058	.084	.059	.041	.049	.035	.025	.016	.011	.008	
7.0	.135	.091	.060	.116	.079	.052	.080	.055	.037	.047	.032	.022	.015	.011	.007	
8.0	.130	.085	.054	.112	.073	.047	.077	.052	.033	.045	.030	.020	.015	.010	.007	
9.0	.125	.080	.049	.107	.069	.043	.074	.049	.031	.043	.029	.018	.014	.009	.006	
10.0	.120	.075	.046	.103	.065	.040	.072	.046	.028	.042	.027	.017	.014	.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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 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	24.6	25.7	24.9	25.9	26.1	25.6	26.6	25.8	26.8	27.0
	3H	24.7	25.6	25.0	25.8	26.1	25.6	26.5	25.9	26.8	27.0
	4H	24.7	25.6	25.0	25.9	26.1	25.6	26.5	25.9	26.8	27.0
	6H	24.8	25.6	25.1	25.9	26.2	25.7	26.5	26.0	26.8	27.1
	8H	24.8	25.7	25.2	26.0	26.3	25.7	26.5	26.0	26.8	27.1
	12H	24.9	25.7	25.3	26.0	26.3	25.7	26.5	26.1	26.8	27.2
4H	2H	24.4	25.3	24.8	25.6	25.9	25.4	26.2	25.7	26.5	26.8
	3H	24.6	25.3	24.9	25.7	26.0	25.4	26.2	25.8	26.5	26.9
	4H	24.7	25.4	25.1	25.8	26.1	25.5	26.2	25.9	26.6	26.9
	6H	24.9	25.5	25.3	25.9	26.3	25.7	26.3	26.1	26.7	27.1
	8H	25.0	25.6	25.5	26.0	26.4	25.8	26.4	26.2	26.8	27.2
	12H	25.2	25.7	25.6	26.1	26.6	25.9	26.4	26.4	26.9	27.3
8H	4H	24.7	25.3	25.2	25.7	26.1	25.5	26.1	25.9	26.5	26.9
	6H	25.0	25.5	25.5	25.9	26.4	25.8	26.2	26.2	26.7	27.1
	8H	25.2	25.6	25.7	26.1	26.6	25.9	26.4	26.4	26.8	27.3
	12H	25.5	25.9	26.0	26.3	26.9	26.2	26.5	26.7	27.0	27.5
12H	4H	24.7	25.2	25.2	25.6	26.1	25.5	26.0	25.9	26.4	26.9
	6H	25.0	25.5	25.5	25.9	26.4	25.8	26.2	26.3	26.6	27.1
	8H	25.3	25.6	25.8	26.1	26.6	26.0	26.3	26.5	26.8	27.3
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.3					+ 2.2 / - 3.8					
1.5H	+ 3.9 / - 3.3					+ 4.2 / - 3.9					
2.0H	+ 2.1 / - 0.6					+ 4.6 / - 1.2					

CIE Pub.117 Corrected 1055 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

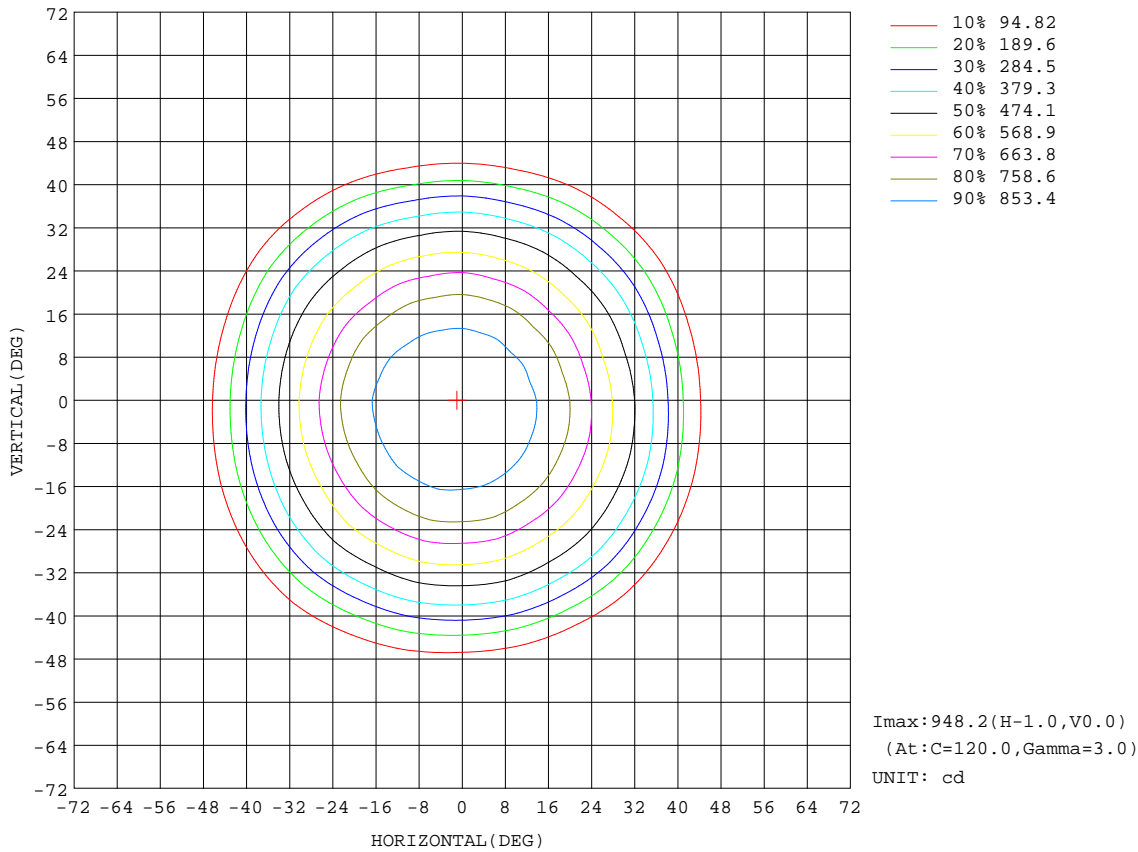
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	79	89	82	78	87	82	78	74
1.00	95	88	84	94	88	84	92	88	83	78
1.25	99	93	89	98	93	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	108	106	106	105	103	94
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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

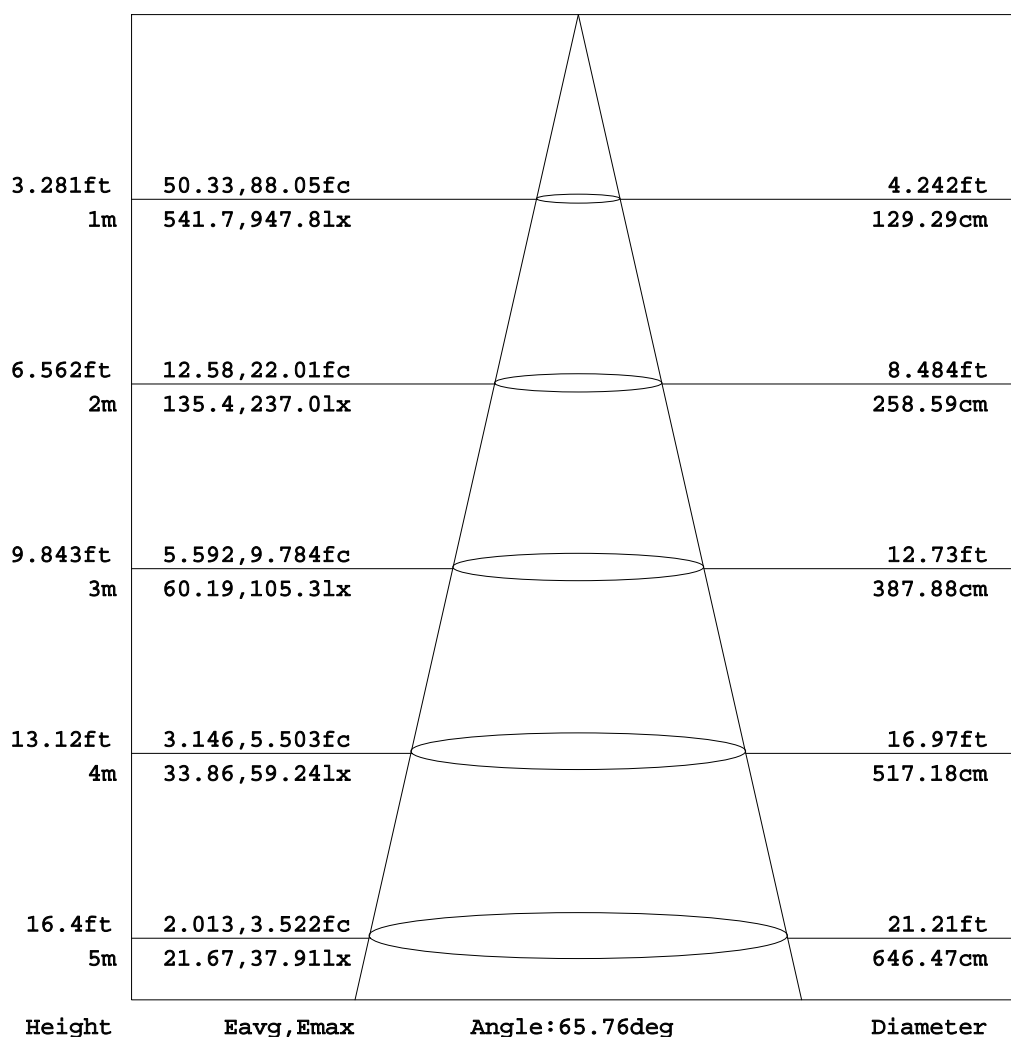


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:717.7 lm



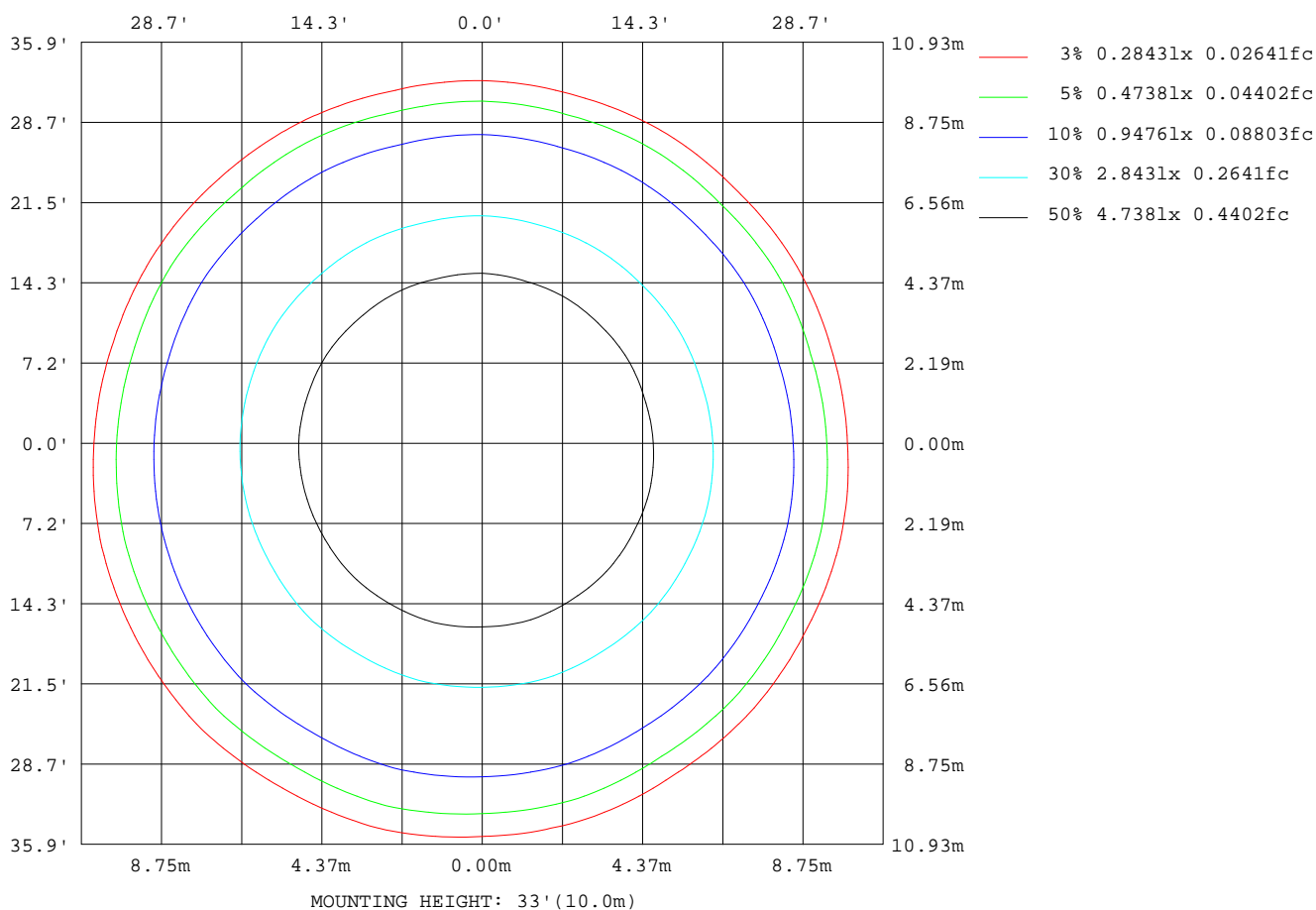
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

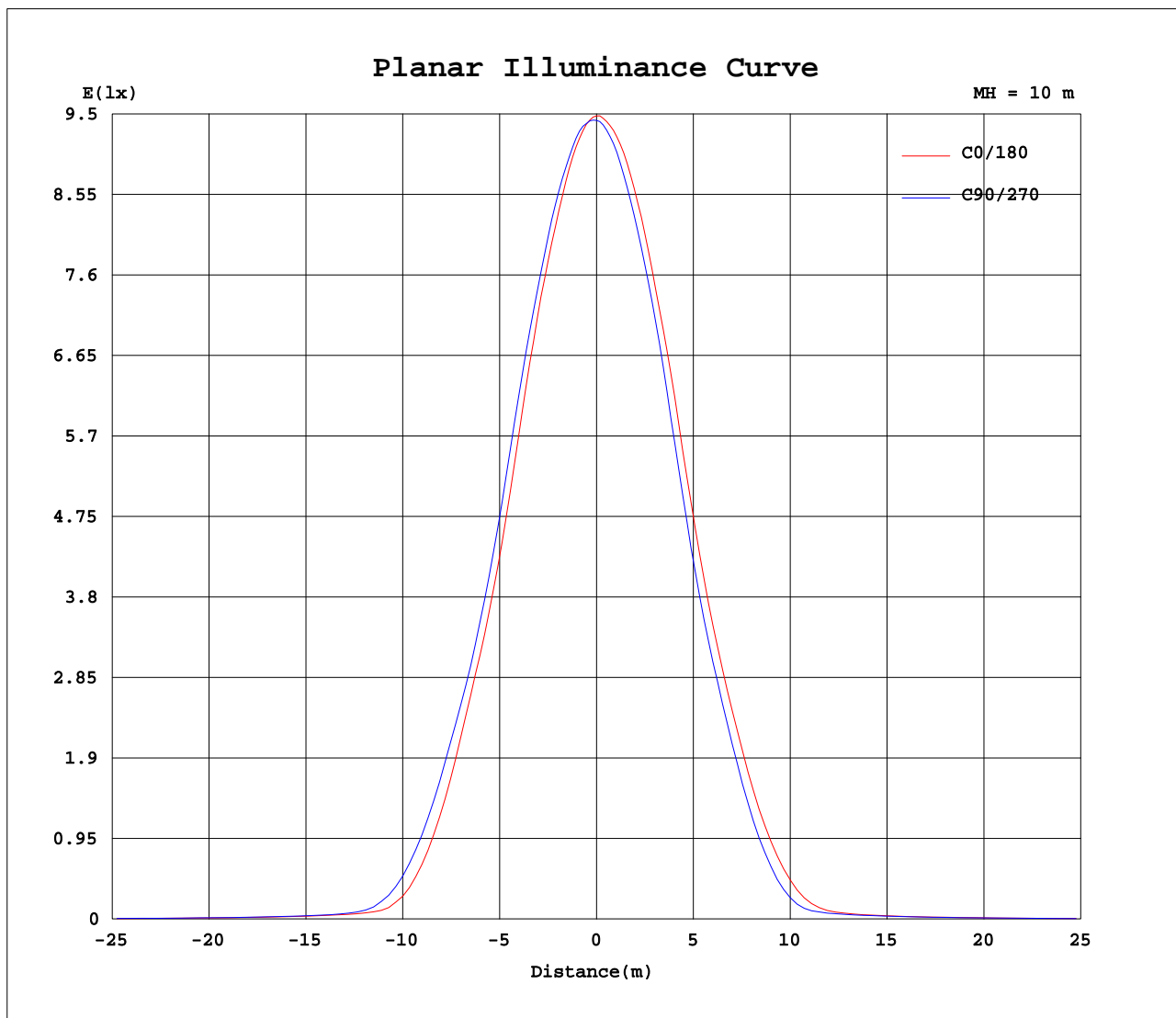
Test:U:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

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:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 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	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943
5	927	931	932	936	937	940	941	942	942	943	940	939	937	933	932	929	929	926	926
10	888	892	896	904	907	913	915	918	920	922	919	920	914	908	903	896	894	887	888
15	834	840	846	855	861	869	871	878	880	880	875	876	871	862	857	847	842	835	834
20	753	764	770	783	791	803	807	814	814	815	809	809	804	794	787	771	766	752	751
25	634	648	657	673	683	700	703	714	712	713	706	707	698	685	677	657	649	634	631
30	515	530	538	554	562	577	581	590	586	590	579	581	573	562	553	533	523	508	507
35	389	410	420	434	441	459	461	468	463	470	463	457	446	435	427	410	398	379	376
40	222	243	256	277	287	306	312	322	318	325	315	305	287	278	272	253	237	217	213
45	75.8	88.4	95.4	109	116	137	144	158	154	158	150	145	130	116	108	92.2	84.1	73.5	71.3
50	27.8	29.2	30.6	32.4	34.0	38.3	40.1	44.2	44.3	46.0	43.1	42.6	38.3	33.5	31.3	29.1	28.7	27.3	26.5
55	21.4	21.8	22.3	23.0	23.5	24.0	24.3	24.6	24.6	24.6	24.5	25.0	24.2	22.7	22.0	21.5	21.6	21.4	21.2
60	17.6	18.1	18.4	18.9	19.1	19.6	19.7	19.9	19.8	19.7	19.5	19.7	19.1	18.4	18.1	17.6	17.7	17.5	17.5
65	14.4	14.9	15.1	15.5	15.6	15.9	15.9	16.1	16.0	16.0	15.7	15.8	15.4	15.1	14.9	14.6	14.6	14.4	14.5
70	12.0	12.3	12.3	12.5	12.5	12.7	12.7	13.0	12.8	12.9	12.6	12.6	12.4	12.3	12.2	12.0	12.1	12.0	12.1
75	9.38	9.63	9.68	9.77	9.82	9.99	10.0	10.2	10.1	10.1	10.00	10.0	9.90	9.70	9.69	9.61	9.68	9.74	9.54
80	6.95	7.16	7.17	7.25	7.60	7.42	7.40	7.53	7.50	7.58	7.74	7.44	7.47	7.36	7.36	7.33	7.74	7.55	7.29
85	5.03	5.23	5.18	5.19	5.42	5.22	5.22	5.39	5.40	5.46	5.53	5.40	5.47	5.41	5.45	5.45	5.81	5.64	5.39
90	1.74	1.75	1.75	1.95	2.36	2.73	2.89	3.12	3.12	3.17	3.14	2.91	2.45	2.10	2.01	2.02	2.21	2.05	2.02
95	1.89	1.88	1.86	1.87	1.97	1.85	1.79	1.80	1.79	1.80	1.89	1.88	2.13	2.14	2.16	2.17	2.29	2.21	2.20
100	2.10	2.08	2.05	2.05	2.09	2.01	1.97	1.97	1.97	1.97	2.01	2.05	2.33	2.35	2.38	2.40	2.46	2.44	2.44
105	2.36	2.34	2.31	2.30	2.30	2.24	2.21	2.21	2.19	2.20	2.23	2.27	2.60	2.62	2.65	2.67	2.72	2.72	2.73
110	2.70	2.67	2.63	2.61	2.59	2.54	2.51	2.50	2.49	2.49	2.52	2.56	2.92	2.98	2.95	2.98	3.02	3.06	3.09
115	3.11	3.07	3.04	3.00	2.97	2.91	2.88	2.86	2.85	2.85	2.87	2.91	3.31	3.34	3.37	3.42	3.46	3.48	3.50
120	3.58	3.53	3.49	3.45	3.42	3.36	3.32	3.29	3.28	3.28	3.31	3.35	3.74	3.77	3.81	3.87	3.91	3.94	3.96
125	4.09	4.04	4.00	3.96	3.91	3.85	3.81	3.78	3.77	3.77	3.80	3.83	4.22	4.26	4.30	4.35	4.40	4.43	4.46
130	4.66	4.60	4.56	4.51	4.46	4.39	4.36	4.32	4.31	4.31	4.33	4.37	4.73	4.77	4.81	4.87	4.92	4.95	4.98
135	5.25	5.19	5.15	5.09	5.05	4.98	4.94	4.90	4.89	4.88	4.91	4.95	5.27	5.31	5.36	5.42	5.46	5.50	5.52
140	5.83	5.78	5.73	5.68	5.64	5.57	5.53	5.50	5.48	5.47	5.50	5.53	5.80	5.84	5.88	5.94	5.98	6.01	6.03
145	6.31	6.27	6.23	6.20	6.16	6.10	6.07	6.03	6.02	6.01	6.02	6.05	6.28	6.31	6.34	6.38	6.42	6.44	6.46
150	6.68	6.65	6.62	6.59	6.56	6.52	6.48	6.46	6.44	6.43	6.43	6.45	6.67	6.68	6.72	6.75	6.78	6.79	6.80
155	7.00	6.98	6.96	6.93	6.90	6.87	6.84	6.81	6.80	6.78	6.79	6.79	7.00	7.01	7.04	7.07	7.10	7.11	7.11
160	7.32	7.30	7.28	7.26	7.24	7.20	7.18	7.16	7.14	7.12	7.12	7.12	7.32	7.34	7.36	7.38	7.41	7.42	7.41
165	7.61	7.60	7.58	7.56	7.54	7.52	7.50	7.48	7.45	7.44	7.43	7.43	7.61	7.62	7.65	7.67	7.68	7.68	7.69
170	7.88	7.88	7.86	7.85	7.83	7.82	7.80	7.78	7.76	7.74	7.74	7.73	7.88	7.88	7.91	7.91	7.93	7.92	7.93
175	8.10	8.09	8.07	8.08	8.06	8.06	8.03	8.04	8.01	8.00	7.98	7.98	8.09	8.09	8.11	8.10	8.12	8.10	8.10
180	8.20	8.21	8.21	8.22	8.21	8.21	8.19	8.19	8.18	8.16	8.15	8.14	8.21	8.21	8.22	8.21	8.21	8.20	8.20

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:226.5V I:0.0600A P:10.70W PF:0.7910 Lamp Flux:1054.66x1 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	943	943	943	943	943														
5	926	926	925	926	926														
10	885	886	884	886	887														
15	829	829	826	831	830														
20	743	743	736	744	744														
25	619	620	616	623	625														
30	497	498	493	502	504														
35	366	366	361	370	374														
40	204	205	202	208	209														
45	67.6	67.1	65.8	69.0	70.6														
50	26.2	26.3	26.1	26.5	26.6														
55	21.1	21.2	21.0	21.1	21.1														
60	17.4	17.5	17.3	17.3	17.3														
65	14.4	14.5	14.2	14.3	14.2														
70	12.0	12.0	11.7	11.8	11.8														
75	9.34	9.32	9.11	9.44	9.38														
80	7.07	6.96	6.78	7.11	7.05														
85	5.03	4.85	4.62	5.00	5.14														
90	2.01	2.03	2.02	2.13	2.08														
95	2.20	2.22	2.21	2.26	2.24														
100	2.45	2.46	2.46	2.48	2.46														
105	2.75	2.76	2.75	2.77	2.76														
110	3.11	3.12	3.12	3.12	3.10														
115	3.52	3.53	3.53	3.52	3.51														
120	3.98	3.99	3.99	3.98	3.96														
125	4.48	4.49	4.49	4.47	4.45														
130	5.00	5.01	5.01	4.99	4.97														
135	5.55	5.55	5.55	5.53	5.51														
140	6.05	6.05	6.05	6.03	6.00														
145	6.47	6.47	6.46	6.44	6.41														
150	6.81	6.80	6.78	6.77	6.75														
155	7.12	7.11	7.10	7.07	7.05														
160	7.42	7.41	7.39	7.37	7.35														
165	7.68	7.67	7.66	7.63	7.61														
170	7.91	7.91	7.88	7.87	7.86														
175	8.09	8.08	8.06	8.05	8.04														
180	8.19	8.18	8.17	8.15	8.14														

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: