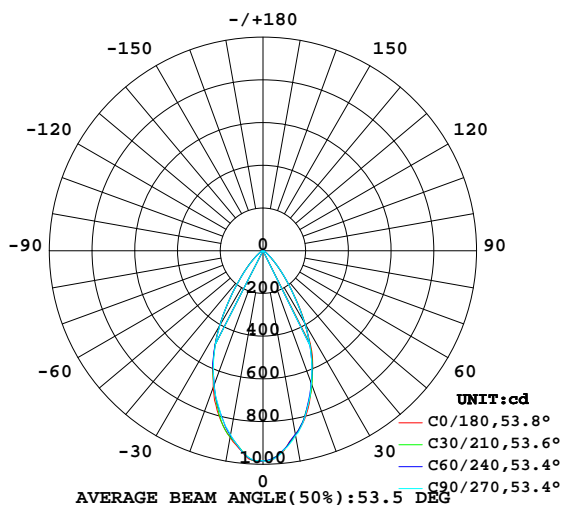


LUMINAIRE PHOTOMETRIC TEST REPORT

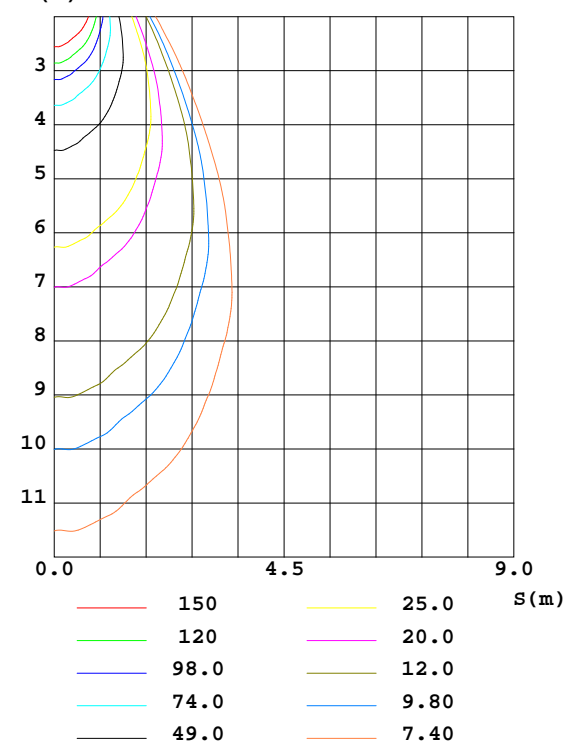
Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.96 lm/W			
MODEL	M022-9W-827-S-60	Imax(cd)	988.6	S/MH(C0/180)	0.81
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	854.64	η UP,DN(C0-180)	1.2,48.5
NOMINAL FLUX(lm)	854.636	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.0
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.4	η down(%)	97.5	CIBSE SHR MAX	0.85

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	873.2	877.4	879.2	894.1	887.3	875.2	875.6	878.7	0- 10	88.64	88.64	10.4,10.4
20	667.7	666.1	662.1	680.2	683.0	667.0	672.2	672.4	10- 20	219.1	307.7	36,36
30	392.8	389.0	390.1	400.5	408.4	398.0	404.4	395.2	20- 30	245.9	553.6	64.8,64.8
40	146.9	149.7	150.2	155.7	156.6	156.7	156.0	148.7	30- 40	162.9	716.5	83.8,83.8
50	42.58	44.66	44.55	48.70	49.46	49.52	46.77	44.02	40- 50	69.51	786.0	92,92
60	17.17	17.43	17.61	18.45	18.38	18.36	17.46	17.19	50- 60	25.59	811.6	95,95
70	8.432	8.443	8.636	8.654	8.872	8.444	8.780	8.491	60- 70	12.38	823.9	96.4,96.4
80	3.784	4.383	3.769	4.157	3.994	4.332	3.987	4.711	70- 80	6.455	830.4	97.2,97.2
90	1.557	1.746	1.438	1.525	1.724	1.982	1.650	1.862	80- 90	2.920	833.3	97.5,97.5
100	1.677	2.019	1.568	1.777	1.958	2.154	1.881	2.116	90-100	1.918	835.2	97.7,97.7
110	2.084	2.548	1.988	2.222	2.382	2.632	2.305	2.497	100-110	2.209	837.5	98,98
120	2.769	3.104	2.686	2.807	3.039	3.144	2.969	3.164	110-120	2.599	840.0	98.3,98.3
130	3.702	3.850	3.644	3.675	3.882	3.927	3.827	3.898	120-130	3.014	843.1	98.6,98.6
140	4.689	4.824	4.654	4.657	4.803	4.848	4.771	4.819	130-140	3.302	846.4	99,99
150	5.492	5.642	5.468	5.522	5.571	5.678	5.558	5.678	140-150	3.242	849.6	99.4,99.4
160	5.946	5.947	5.954	5.964	6.022	5.991	6.029	6.057	150-160	2.682	852.3	99.7,99.7
170	6.285	6.269	6.269	6.286	6.309	6.285	6.321	6.323	160-170	1.738	854.0	99.9,99.9
180	6.524	6.506	6.529	6.534	6.515	6.509	6.527	6.534	170-180	0.6090	854.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

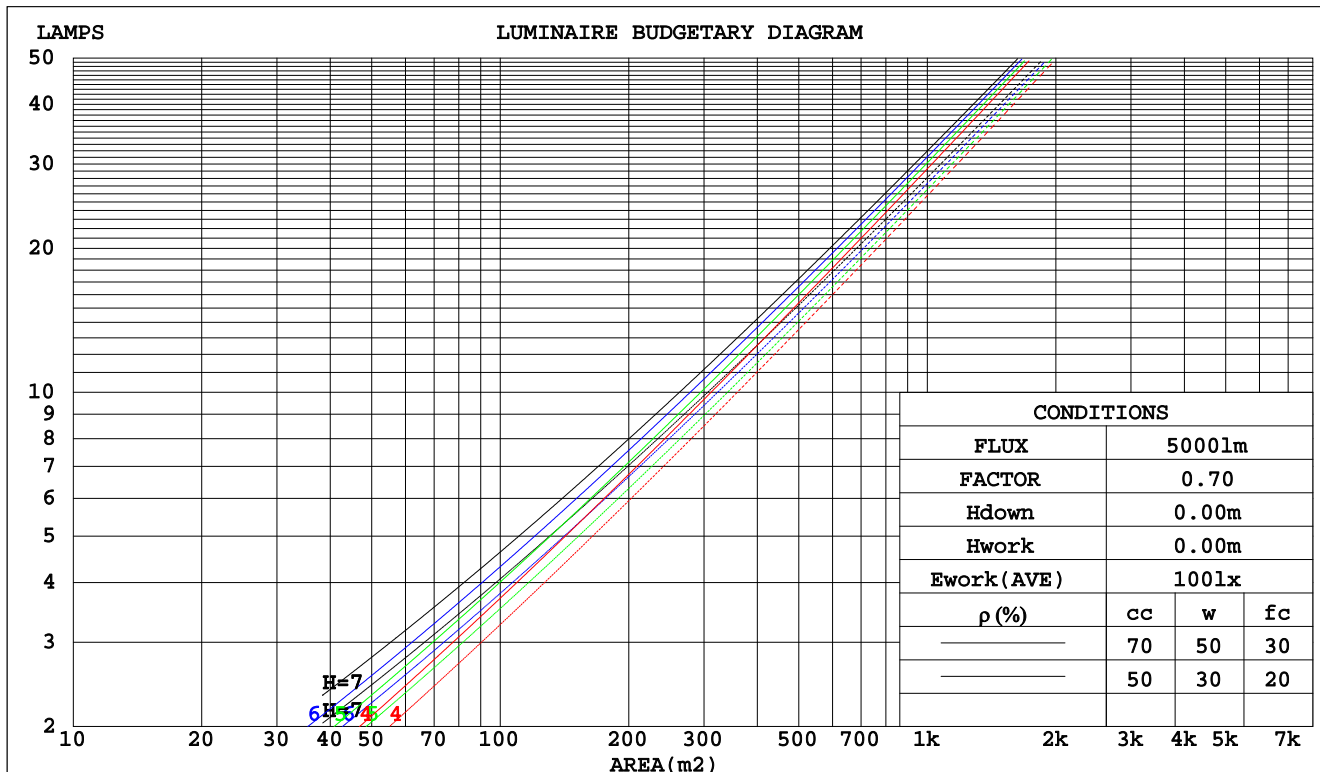
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 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	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	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.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	.77	.86	.80	.76	.83	.78	.75	.81	.77	.74	.79	.75	.73	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.70	.67	.66
6.0	.76	.69	.65	.75	.69	.65	.73	.68	.64	.71	.67	.63	.70	.66	.63	.61
7.0	.71	.65	.60	.70	.64	.60	.69	.63	.60	.67	.63	.59	.66	.62	.59	.57
8.0	.67	.61	.56	.66	.60	.56	.65	.59	.56	.63	.59	.55	.62	.58	.55	.53
9.0	.63	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50
10.0	.59	.53	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.56	.52	.49	.47



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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p _{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.194	.110	.035	.187	.106	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028		
2.0	.185	.101	.031	.179	.098	.030	.166	.093	.029	.155	.087	.027	.145	.082	.026		
3.0	.175	.093	.028	.170	.091	.027	.159	.086	.026	.150	.082	.025	.141	.078	.024		
4.0	.166	.086	.025	.161	.084	.025	.152	.081	.024	.144	.077	.023	.136	.074	.022		
5.0	.157	.080	.023	.153	.079	.023	.145	.076	.022	.138	.073	.022	.131	.070	.021		
6.0	.150	.075	.021	.146	.074	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020		
7.0	.142	.070	.020	.139	.069	.020	.133	.067	.019	.127	.065	.019	.121	.063	.018		
8.0	.136	.066	.019	.133	.065	.018	.127	.063	.018	.121	.062	.018	.116	.060	.017		
9.0	.129	.063	.017	.127	.062	.017	.122	.060	.017	.117	.058	.017	.112	.057	.016		
10.0	.124	.059	.016	.121	.059	.016	.117	.057	.016	.112	.056	.016	.108	.054	.016		

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.163	.164	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.152	.130	.152	.131	.113	.104	.090	.079	.060	.053	.046	.019	.017	.015	
3.0	.166	.133	.107	.142	.115	.093	.097	.080	.065	.056	.047	.038	.018	.015	.013	
4.0	.156	.119	.090	.134	.102	.078	.092	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.147	.107	.078	.127	.093	.067	.087	.065	.048	.051	.038	.028	.016	.012	.009	
6.0	.140	.098	.068	.120	.085	.059	.083	.059	.042	.048	.035	.025	.016	.011	.008	
7.0	.134	.091	.061	.115	.079	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.128	.085	.055	.110	.073	.048	.076	.052	.034	.044	.030	.020	.014	.010	.007	
9.0	.123	.079	.050	.106	.069	.044	.073	.048	.031	.043	.029	.019	.014	.009	.006	
10.0	.118	.075	.046	.102	.065	.041	.071	.046	.029	.041	.027	.017	.013	.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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 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	23.2	24.2	23.4	24.4	24.6	23.2	24.2	23.5	24.4	24.6
	3H	23.2	24.1	23.5	24.4	24.6	23.2	24.2	23.5	24.4	24.7
	4H	23.3	24.1	23.6	24.4	24.7	23.3	24.1	23.6	24.4	24.7
	6H	23.3	24.1	23.6	24.4	24.7	23.3	24.1	23.6	24.4	24.7
	8H	23.3	24.1	23.6	24.4	24.7	23.3	24.1	23.6	24.4	24.7
	12H	23.3	24.0	23.6	24.3	24.7	23.3	24.0	23.6	24.3	24.7
4H	2H	23.0	23.9	23.4	24.2	24.4	23.1	23.9	23.4	24.2	24.5
	3H	23.2	23.9	23.5	24.2	24.6	23.2	23.9	23.6	24.2	24.6
	4H	23.3	23.9	23.7	24.3	24.7	23.3	23.9	23.7	24.3	24.7
	6H	23.4	24.0	23.8	24.3	24.7	23.4	24.0	23.8	24.3	24.7
	8H	23.4	23.9	23.8	24.3	24.8	23.4	24.0	23.8	24.3	24.8
	12H	23.4	23.9	23.9	24.4	24.8	23.4	23.9	23.9	24.3	24.8
8H	4H	23.2	23.8	23.7	24.2	24.6	23.3	23.8	23.7	24.2	24.6
	6H	23.4	23.8	23.9	24.3	24.7	23.5	23.9	23.9	24.4	24.8
	8H	23.5	23.9	24.0	24.3	24.8	23.6	24.0	24.1	24.4	24.9
	12H	23.6	23.9	24.1	24.4	24.9	23.7	24.0	24.2	24.5	25.0
12H	4H	23.2	23.7	23.7	24.1	24.6	23.2	23.7	23.7	24.1	24.6
	6H	23.4	23.8	23.9	24.3	24.7	23.5	23.9	24.0	24.3	24.8
	8H	23.5	23.8	24.0	24.3	24.8	23.6	24.0	24.1	24.4	25.0
Variations with the observer position at spacings:											
S = 1.0H		+ 1.8 / - 2.9					+ 1.8 / - 2.7				
1.5H		+ 3.2 / - 2.6					+ 3.1 / - 2.6				
2.0H		+ 3.2 / - 1.6					+ 3.2 / - 1.7				

CIE Pub.117 Corrected 854.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

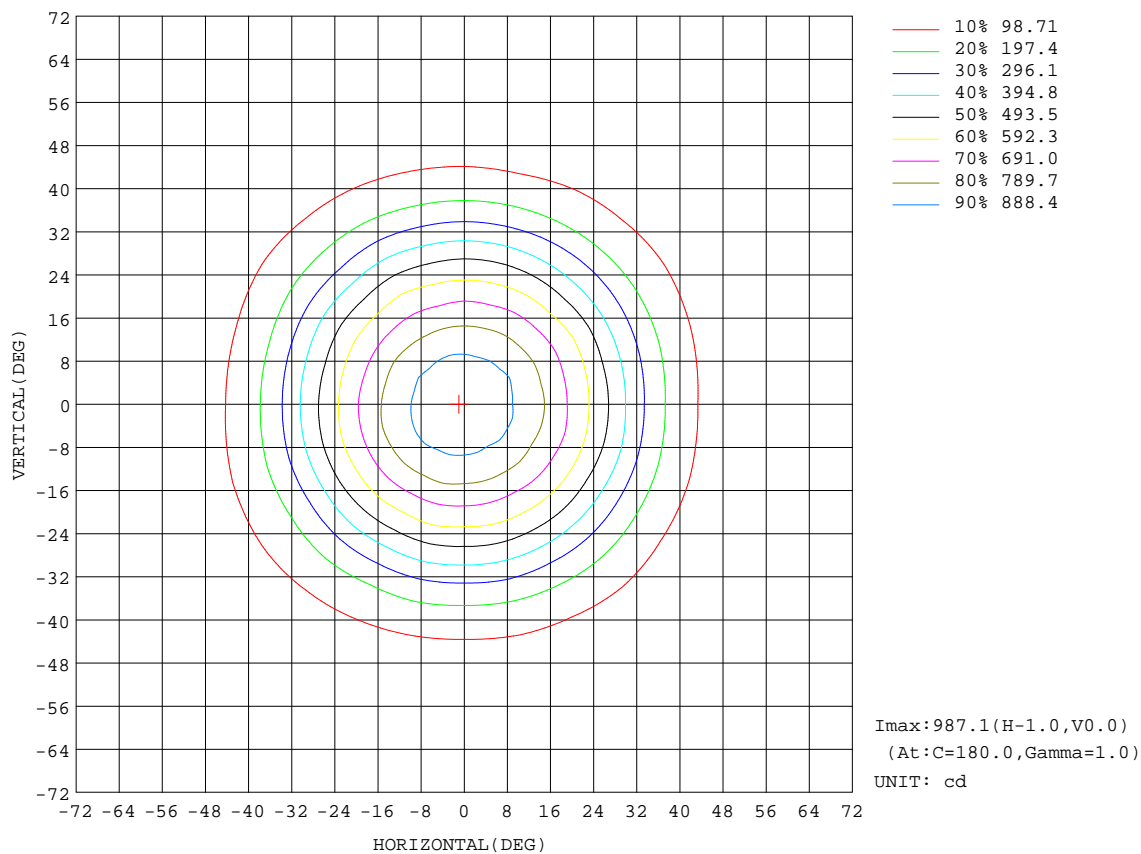
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	81	78	73
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	109	107	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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



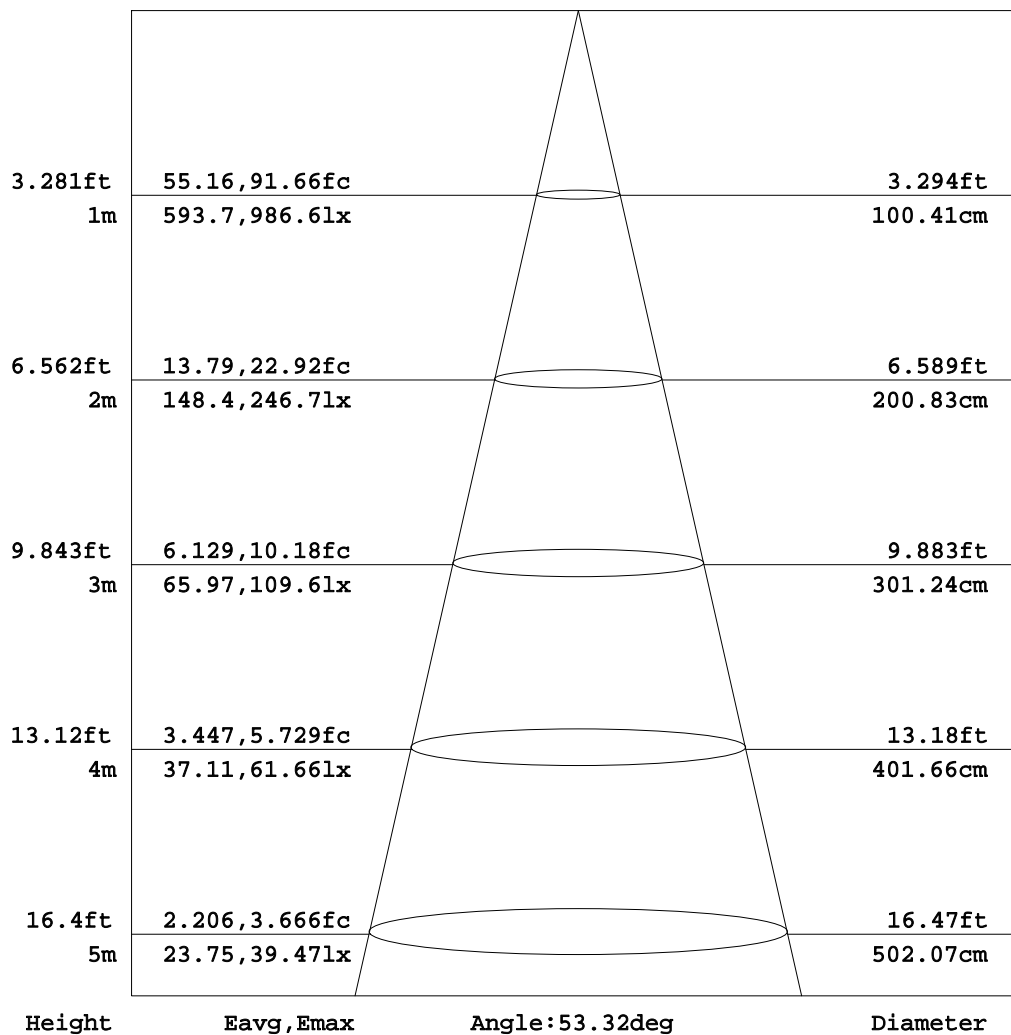
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:484.2 lm



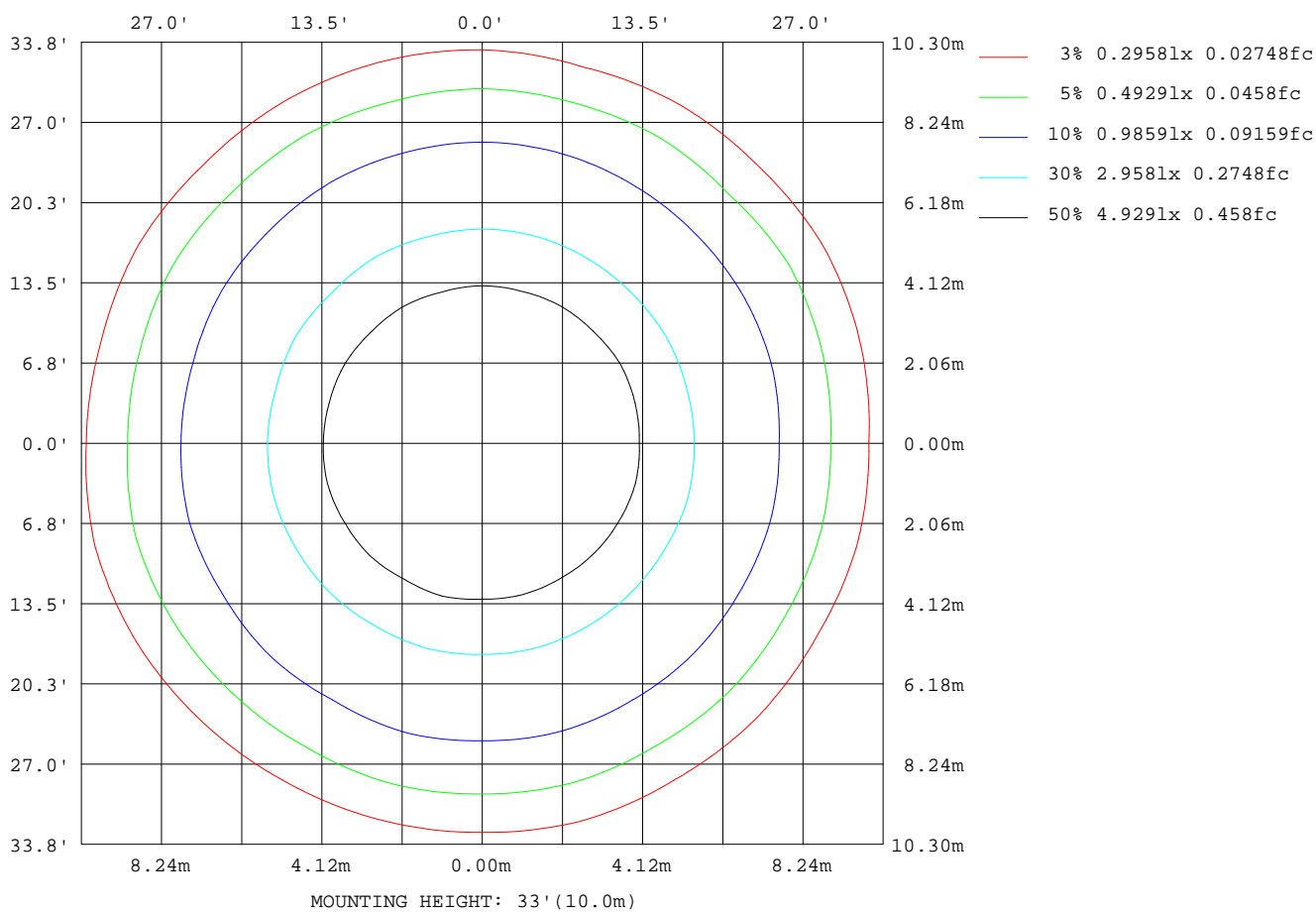
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: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

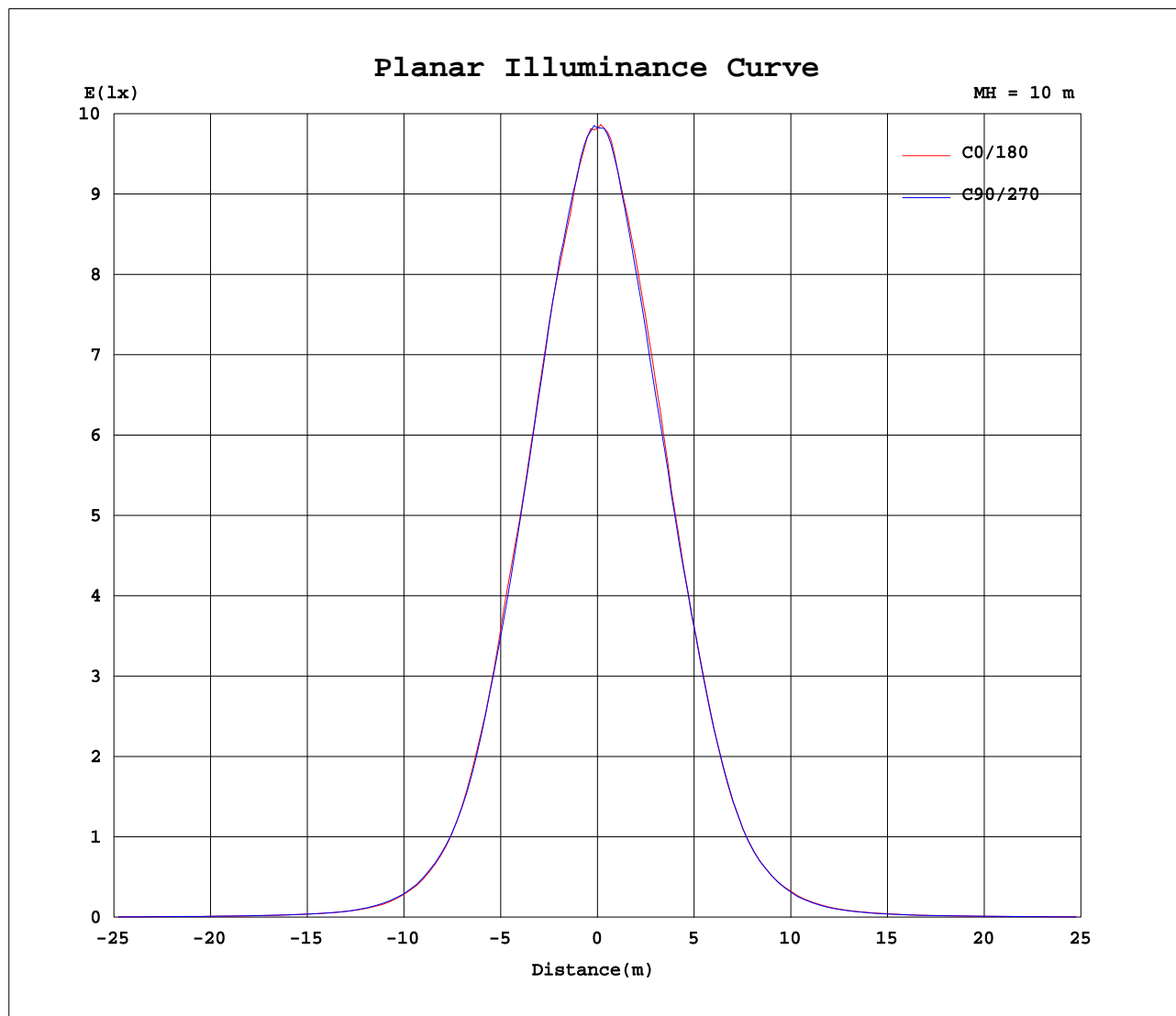
Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 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	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983
5	951	953	949	949	949	951	955	958	959	960	963	959	963	959	958	955	959	955	957
10	873	878	874	877	873	876	879	883	885	894	895	887	887	882	886	875	879	876	876
15	789	787	778	783	780	781	783	794	794	803	805	801	798	793	794	784	780	778	778
20	668	677	669	666	659	662	662	670	668	680	683	682	683	674	672	667	668	661	672
25	549	547	539	537	533	534	530	541	534	543	548	549	549	545	547	542	551	540	546
30	393	400	391	389	388	391	390	396	391	400	401	408	408	405	410	398	408	401	404
35	251	255	249	251	249	254	249	254	251	258	258	266	263	261	265	259	266	263	264
40	147	150	148	150	147	151	150	152	149	156	157	161	157	156	159	157	158	153	156
45	80.7	82.7	79.9	82.0	81.6	84.8	82.9	84.5	86.1	90.0	94.9	97.0	91.7	90.2	93.3	88.9	90.1	89.4	88.6
50	42.6	42.3	42.0	44.7	43.4	46.0	44.5	46.7	46.5	48.7	49.6	52.8	49.5	47.6	49.7	49.5	49.4	47.6	46.8
55	25.4	26.3	25.6	27.0	25.1	25.7	25.6	28.2	27.3	28.1	28.6	29.9	28.8	28.5	28.8	28.5	28.1	27.5	27.0
60	17.2	17.7	16.9	17.4	16.7	17.0	17.6	18.5	18.1	18.5	18.4	19.6	18.4	18.9	18.3	18.4	18.0	17.1	17.5
65	12.1	12.4	11.9	11.9	11.5	11.8	12.1	12.6	12.2	12.6	12.5	12.9	12.7	12.8	12.6	12.2	11.9	11.7	12.3
70	8.43	8.68	8.52	8.44	8.09	8.36	8.64	8.67	8.56	8.65	8.57	8.62	8.87	8.88	8.77	8.44	8.25	8.25	8.78
75	5.86	6.02	5.94	5.88	5.62	5.82	5.96	5.93	5.79	5.83	5.81	5.93	6.15	6.09	6.03	5.83	5.67	5.75	6.12
80	3.78	3.89	3.85	4.38	5.91	3.74	3.77	3.76	3.68	4.16	4.55	3.86	3.99	3.95	3.97	4.33	5.83	3.79	3.99
85	2.26	2.29	2.28	2.50	3.13	2.16	2.15	2.14	2.11	2.46	3.03	2.25	2.42	2.41	2.44	2.88	3.93	2.32	2.39
90	1.56	1.54	1.57	1.75	1.93	1.44	1.44	1.42	1.43	1.52	1.93	1.51	1.72	1.72	1.72	1.98	1.96	1.64	1.65
95	1.57	1.60	1.58	1.83	1.89	1.47	1.46	1.47	1.45	1.60	1.89	1.57	1.82	1.79	1.82	2.03	2.02	1.71	1.74
100	1.68	1.70	1.69	2.02	2.15	1.59	1.57	1.58	1.56	1.78	2.08	1.68	1.96	1.94	1.95	2.15	2.34	1.86	1.88
105	1.86	1.87	1.86	2.30	2.28	1.76	1.74	1.75	1.74	2.01	2.28	1.86	2.15	2.12	2.13	2.46	2.43	2.05	2.07
110	2.08	2.10	2.11	2.55	2.65	2.00	1.99	1.99	1.98	2.22	2.59	2.09	2.38	2.36	2.36	2.63	2.59	2.28	2.30
115	2.39	2.40	2.41	2.71	2.85	2.31	2.30	2.30	2.30	2.49	2.88	2.40	2.68	2.66	2.67	2.83	2.85	2.59	2.61
120	2.77	2.78	2.79	3.10	3.29	2.69	2.69	2.68	2.68	2.81	3.14	2.78	3.04	3.02	3.02	3.14	3.38	2.95	2.97
125	3.22	3.23	3.25	3.44	3.37	3.15	3.15	3.13	3.13	3.23	3.46	3.22	3.45	3.42	3.42	3.59	3.49	3.37	3.38
130	3.70	3.72	3.73	3.85	3.79	3.65	3.64	3.62	3.62	3.67	3.84	3.70	3.88	3.87	3.87	3.93	3.88	3.82	3.83
135	4.21	4.22	4.24	4.33	4.25	4.15	4.15	4.13	4.14	4.17	4.30	4.21	4.35	4.33	4.33	4.38	4.33	4.29	4.31
140	4.69	4.70	4.72	4.82	4.71	4.66	4.65	4.63	4.63	4.66	4.76	4.69	4.80	4.80	4.78	4.85	4.79	4.75	4.77
145	5.13	5.14	5.16	5.27	5.16	5.10	5.09	5.08	5.08	5.10	5.22	5.14	5.21	5.21	5.20	5.27	5.22	5.17	5.18
150	5.49	5.52	5.52	5.64	5.60	5.47	5.47	5.46	5.45	5.52	5.67	5.50	5.57	5.56	5.57	5.68	5.66	5.54	5.56
155	5.75	5.78	5.78	5.78	5.76	5.75	5.76	5.75	5.74	5.82	5.94	5.77	5.83	5.82	5.83	5.94	5.96	5.80	5.83
160	5.95	5.97	5.96	5.95	5.95	5.95	5.95	5.96	5.94	5.96	5.95	5.93	6.02	6.01	6.01	5.99	6.02	6.00	6.03
165	6.12	6.14	6.11	6.12	6.12	6.11	6.12	6.12	6.13	6.13	6.11	6.09	6.18	6.18	6.17	6.15	6.17	6.17	6.20
170	6.29	6.28	6.27	6.27	6.28	6.27	6.27	6.27	6.27	6.29	6.27	6.25	6.31	6.31	6.31	6.28	6.31	6.30	6.32
175	6.41	6.42	6.41	6.41	6.41	6.41	6.42	6.41	6.41	6.42	6.42	6.40	6.43	6.43	6.43	6.41	6.44	6.42	6.45
180	6.52	6.53	6.52	6.51	6.52	6.51	6.53	6.52	6.53	6.53	6.54	6.51	6.51	6.53	6.51	6.51	6.51	6.51	6.53

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:0.0440A P:8.550W PF:0.8410 Lamp Flux:854.636x1 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	983	983	983	983	983													
5	950	954	954	957	950													
10	873	876	879	885	873													
15	778	785	786	791	781													
20	668	674	672	678	668													
25	545	545	542	553	545													
30	401	397	395	398	394													
35	263	261	263	262	259													
40	154	152	149	155	152													
45	83.5	86.9	85.9	89.4	85.3													
50	44.6	46.2	44.0	45.6	44.8													
55	28.0	27.0	25.7	26.4	27.0													
60	17.8	17.6	17.2	17.4	17.9													
65	12.1	12.2	12.1	11.9	12.0													
70	8.53	8.56	8.49	8.24	8.27													
75	5.90	5.95	6.13	5.91	5.76													
80	3.86	3.89	4.71	5.33	3.83													
85	2.35	2.38	3.07	3.66	2.42													
90	1.66	1.67	1.86	2.16	1.85													
95	1.74	1.75	1.93	2.21	1.86													
100	1.88	1.89	2.12	2.45	2.00													
105	2.05	2.08	2.33	2.59	2.18													
110	2.30	2.32	2.50	2.82	2.44													
115	2.60	2.63	2.77	3.18	2.74													
120	2.97	2.99	3.16	3.44	3.11													
125	3.38	3.41	3.47	3.72	3.52													
130	3.84	3.86	3.90	4.05	3.94													
135	4.30	4.31	4.36	4.48	4.41													
140	4.77	4.78	4.82	4.93	4.86													
145	5.19	5.20	5.24	5.37	5.28													
150	5.55	5.56	5.68	5.84	5.64													
155	5.82	5.82	5.95	6.06	5.87													
160	6.04	6.04	6.06	6.06	6.02													
165	6.17	6.20	6.19	6.21	6.17													
170	6.31	6.34	6.32	6.34	6.29													
175	6.43	6.44	6.45	6.46	6.42													
180	6.52	6.51	6.53	6.53	6.51													

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: