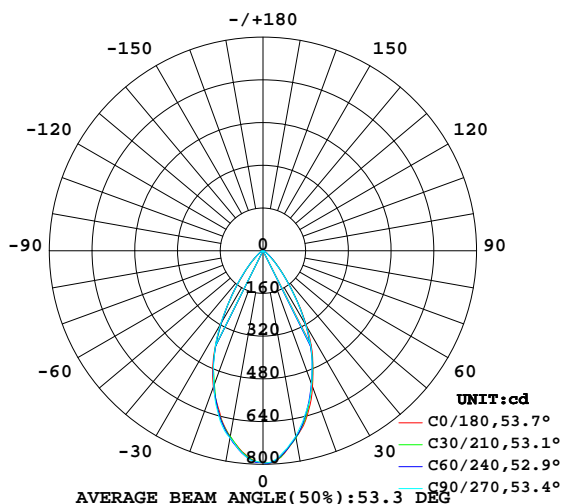


LUMINAIRE PHOTOMETRIC TEST REPORT

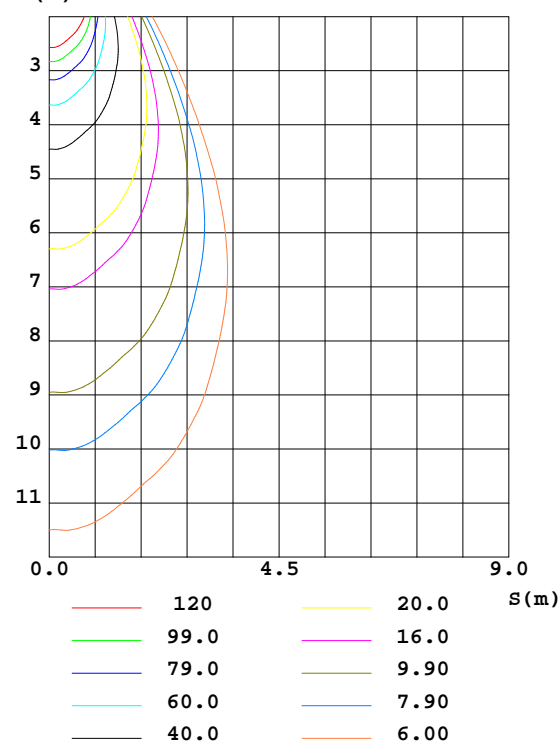
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:681.812x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.02 lm/W			
MODEL	M022-9W-927-S-60	Imax(cd)	797.5	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)	681.81	η UP,DN(C0-180)	1.2,48.9
NOMINAL FLUX(lm)	681.812	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.6
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	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	709.4	711.3	705.3	703.3	707.0	709.0	711.7	712.7	0- 10	71.50	71.50	10.5,10.5
20	542.2	535.5	532.3	546.5	544.3	529.4	538.5	546.1	10- 20	176.2	247.7	36.3,36.3
30	329.0	324.8	319.6	320.6	317.7	306.4	319.7	321.7	20- 30	197.4	445.1	65.3,65.3
40	122.7	124.6	120.1	120.2	113.9	115.4	121.0	123.7	30- 40	129.5	574.5	84.3,84.3
50	36.91	37.97	33.84	35.04	32.59	33.58	35.72	37.40	40- 50	53.97	628.5	92.2,92.2
60	14.45	14.08	13.75	13.14	13.42	13.25	14.26	13.92	50- 60	19.67	648.2	95.1,95.1
70	6.908	6.418	6.690	6.363	6.470	6.374	6.974	6.685	60- 70	9.534	657.7	96.5,96.5
80	2.885	2.828	2.982	2.873	2.901	2.856	3.113	3.057	70- 80	5.049	662.8	97.2,97.2
90	1.080	1.078	1.182	1.173	1.285	1.284	1.352	1.332	80- 90	2.271	665.1	97.5,97.5
100	1.180	1.204	1.284	1.295	1.482	1.456	1.548	1.499	90-100	1.480	666.5	97.8,97.8
110	1.511	1.517	1.601	1.628	1.826	1.810	1.884	1.863	100-110	1.717	668.2	98,98
120	2.063	2.068	2.158	2.179	2.363	2.347	2.403	2.362	110-120	2.045	670.3	98.3,98.3
130	2.815	2.822	2.914	2.921	3.069	3.045	3.098	3.054	120-130	2.365	672.7	98.7,98.7
140	3.644	3.646	3.715	3.723	3.808	3.787	3.836	3.796	130-140	2.609	675.3	99,99
150	4.295	4.306	4.362	4.371	4.422	4.396	4.443	4.421	140-150	2.566	677.8	99.4,99.4
160	4.697	4.714	4.699	4.709	4.793	4.774	4.783	4.753	150-160	2.122	680.0	99.7,99.7
170	4.956	4.959	4.946	4.961	5.017	4.992	5.005	4.986	160-170	1.375	681.3	99.9,99.9
180	5.164	5.150	5.147	5.152	5.167	5.146	5.154	5.154	170-180	0.4819	681.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

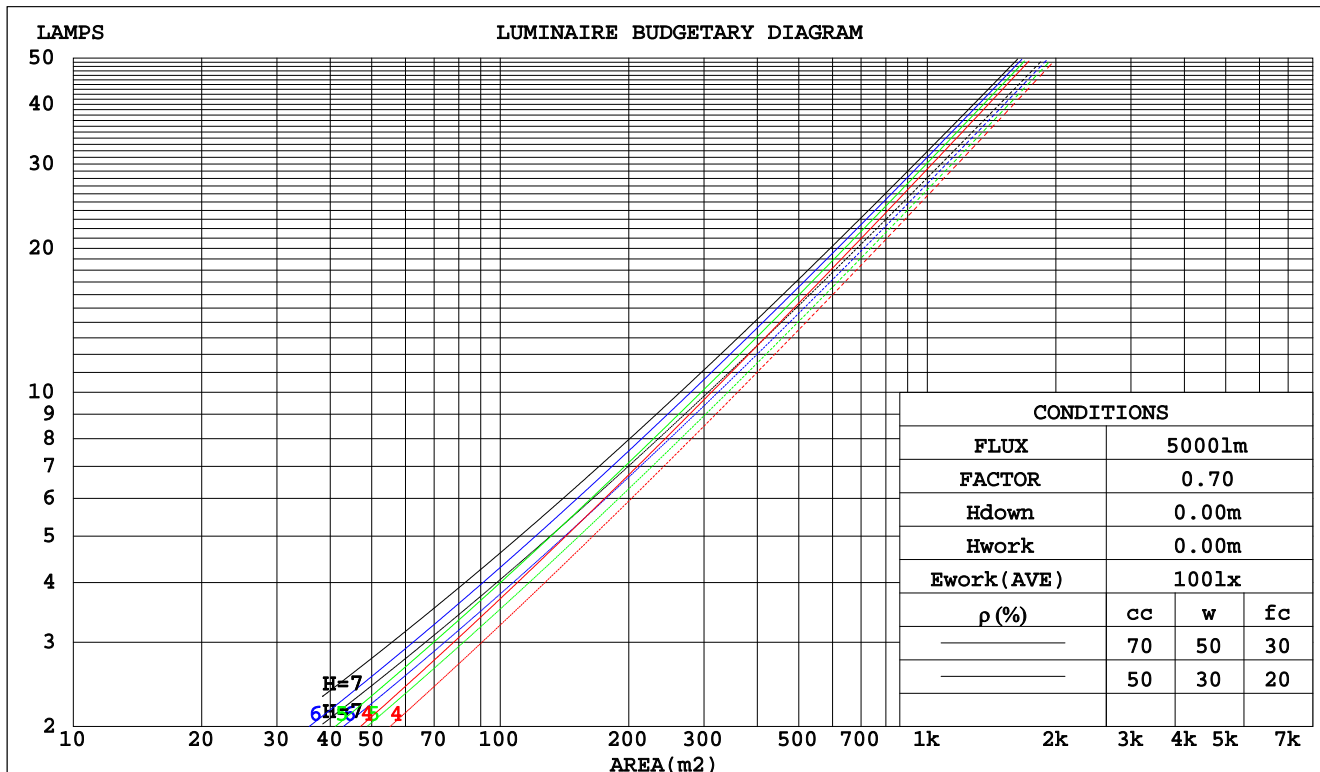
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:8.520W PF:0.8400 Lamp Flux:681.812x1 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	1.05	1.02	1.02	1.01	.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	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.77	.86	.80	.76	.83	.79	.75	.81	.77	.74	.79	.75	.73	.71
5.0	.81	.75	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.61
7.0	.71	.65	.61	.70	.65	.60	.69	.64	.60	.67	.63	.59	.66	.62	.59	.57
8.0	.67	.61	.56	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.54
9.0	.63	.57	.53	.63	.57	.53	.61	.56	.52	.60	.56	.52	.59	.55	.52	.50
10.0	.60	.54	.50	.59	.53	.50	.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:8.520W PF:0.8400 Lamp Flux:681.812x1 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	.193	.110	.035	.186	.106	.034	.172	.099	.031	.159	.092	.029	.147	.085	.027	
2.0	.184	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.144	.082	.026	
3.0	.174	.093	.028	.169	.090	.027	.158	.086	.026	.149	.082	.025	.140	.077	.024	
4.0	.165	.086	.025	.160	.084	.025	.151	.080	.024	.143	.077	.023	.135	.073	.022	
5.0	.157	.080	.023	.152	.078	.023	.144	.075	.022	.137	.072	.022	.130	.069	.021	
6.0	.149	.075	.021	.145	.073	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	
7.0	.142	.070	.020	.138	.069	.020	.132	.067	.019	.126	.065	.019	.120	.063	.018	
8.0	.135	.066	.019	.132	.065	.018	.126	.063	.018	.121	.061	.018	.116	.059	.017	
9.0	.129	.062	.017	.126	.062	.017	.121	.060	.017	.116	.058	.017	.112	.057	.016	
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.112	.055	.016	.107	.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	.162	.164	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.152	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.133	.107	.142	.115	.093	.097	.080	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.092	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.147	.107	.077	.126	.093	.067	.087	.065	.048	.050	.038	.028	.016	.012	.009	
6.0	.140	.098	.068	.120	.085	.059	.083	.059	.042	.048	.035	.025	.016	.011	.008	
7.0	.133	.090	.060	.115	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.127	.084	.055	.110	.073	.048	.076	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.122	.079	.050	.105	.069	.044	.073	.048	.031	.043	.029	.018	.014	.009	.006	
10.0	.118	.075	.046	.101	.065	.040	.070	.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:8.520W PF:0.8400 Lamp Flux:681.812x1 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	22.8	23.8	23.1	24.0	24.2	22.7	23.7	22.9	23.9	24.1
	3H	22.8	23.7	23.1	24.0	24.2	22.7	23.6	23.0	23.9	24.1
	4H	22.8	23.7	23.2	24.0	24.2	22.7	23.6	23.0	23.8	24.1
	6H	22.8	23.6	23.2	23.9	24.2	22.8	23.6	23.2	23.9	24.2
	8H	22.8	23.6	23.2	23.9	24.2	22.8	23.6	23.2	23.9	24.2
	12H	22.8	23.6	23.2	23.9	24.2	22.9	23.6	23.2	23.9	24.2
4H	2H	22.7	23.5	23.0	23.8	24.1	22.5	23.4	22.9	23.7	23.9
	3H	22.8	23.5	23.1	23.8	24.1	22.6	23.4	23.0	23.7	24.0
	4H	22.8	23.5	23.2	23.8	24.2	22.7	23.4	23.1	23.7	24.1
	6H	22.9	23.5	23.3	23.8	24.2	23.0	23.6	23.5	24.0	24.4
	8H	22.9	23.4	23.3	23.8	24.3	23.2	23.7	23.6	24.1	24.5
	12H	22.9	23.4	23.4	23.8	24.3	23.3	23.8	23.7	24.2	24.6
8H	4H	22.7	23.3	23.2	23.7	24.1	22.7	23.2	23.1	23.6	24.0
	6H	22.9	23.3	23.3	23.7	24.2	23.1	23.6	23.6	24.0	24.5
	8H	22.9	23.3	23.4	23.8	24.3	23.3	23.7	23.8	24.2	24.7
	12H	23.0	23.3	23.5	23.8	24.3	23.6	23.9	24.1	24.4	24.9
12H	4H	22.7	23.2	23.2	23.6	24.1	22.6	23.1	23.1	23.6	24.0
	6H	22.8	23.2	23.3	23.7	24.2	23.1	23.5	23.6	23.9	24.4
	8H	22.9	23.3	23.4	23.7	24.3	23.4	23.7	23.9	24.2	24.7
Variations with the observer position at spacings:											
S = 1.0H	+ 1.8 / - 3.2					+ 1.6 / - 2.5					
1.5H	+ 3.2 / - 2.9					+ 2.9 / - 2.4					
2.0H	+ 3.5 / - 1.9					+ 2.9 / - 1.4					

CIE Pub.117 Corrected 681.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.3)

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:8.520W PF:0.8400 Lamp Flux:681.812x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

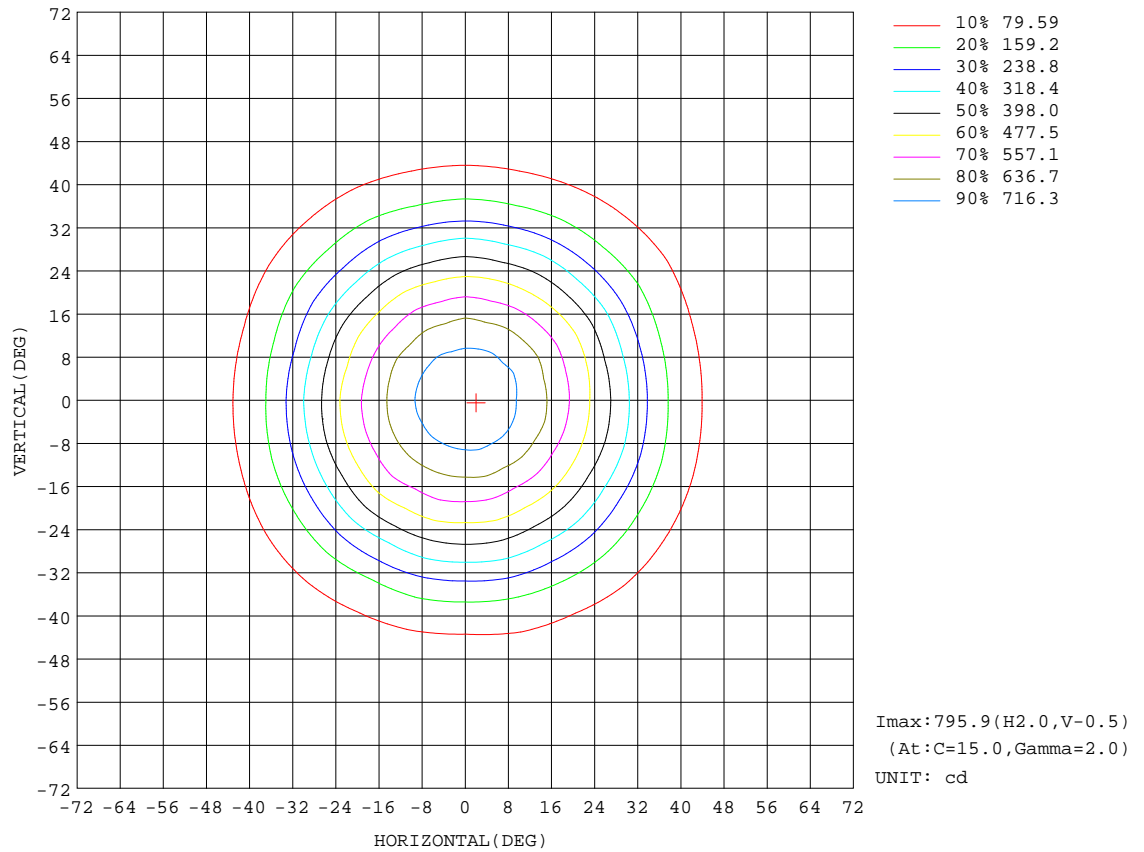
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	82	74	70	81	74	70	80	74	70	66
0.80	90	83	79	89	82	78	87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

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:8.520W PF:0.8400 Lamp Flux:681.812x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



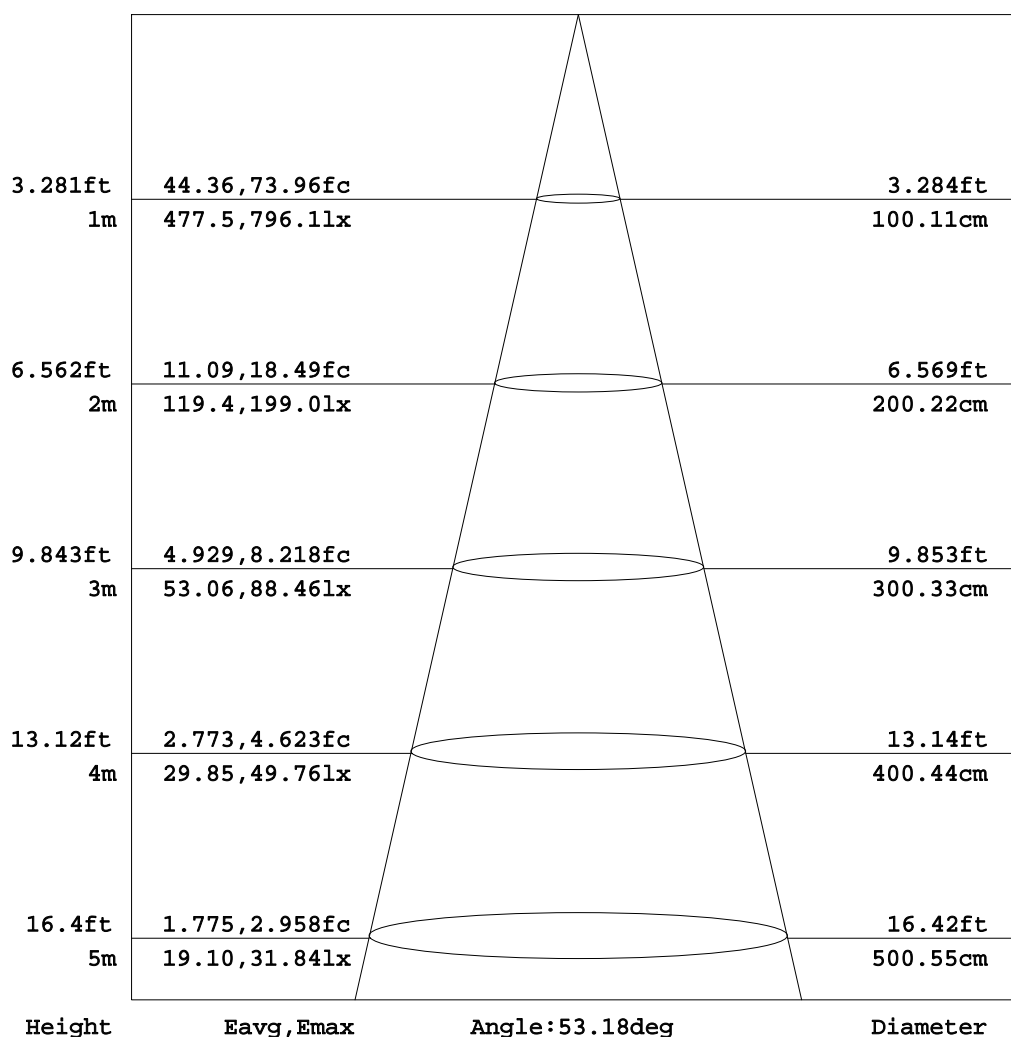
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:8.520W PF:0.8400 Lamp Flux:681.812x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:389.5 lm



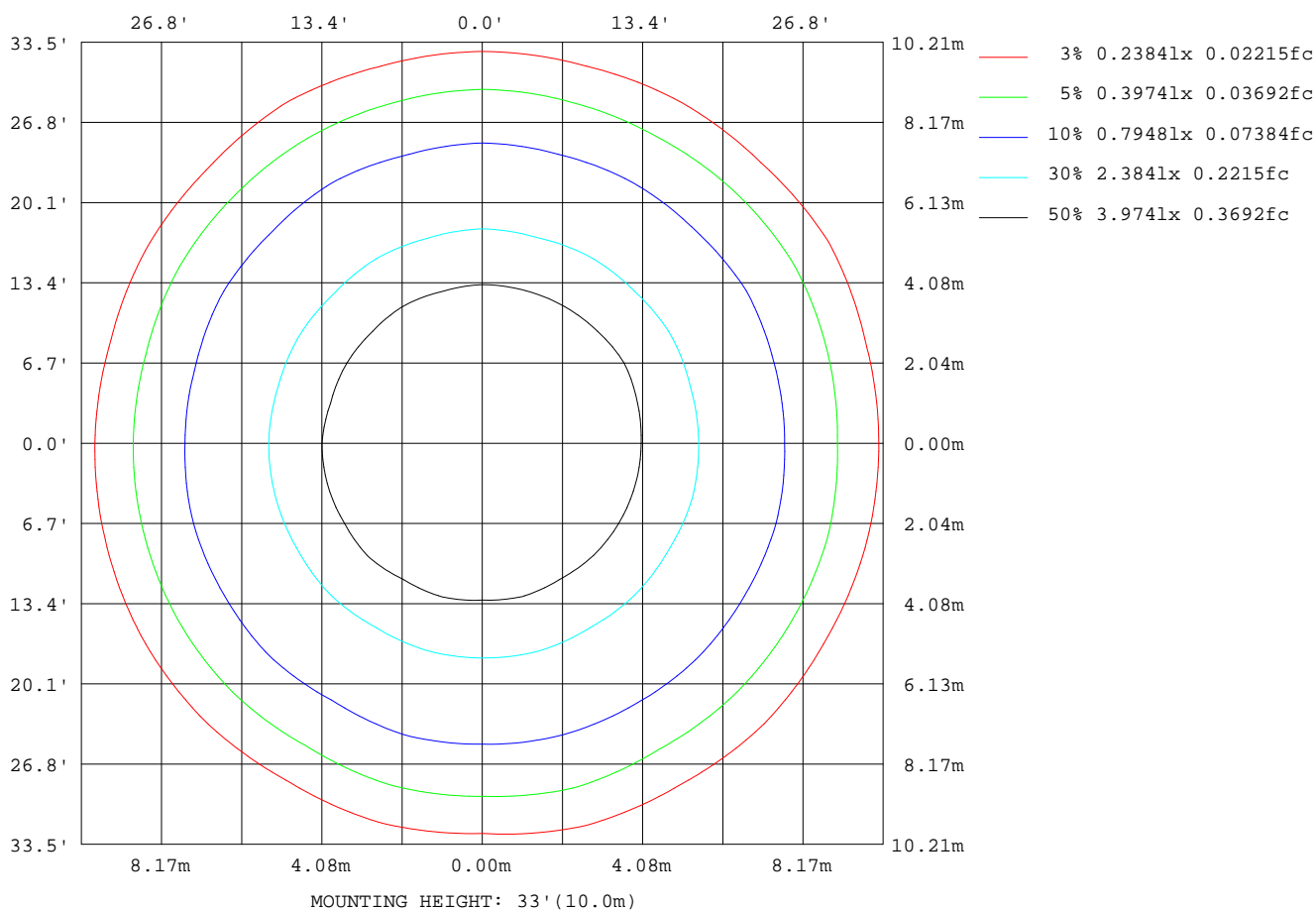
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

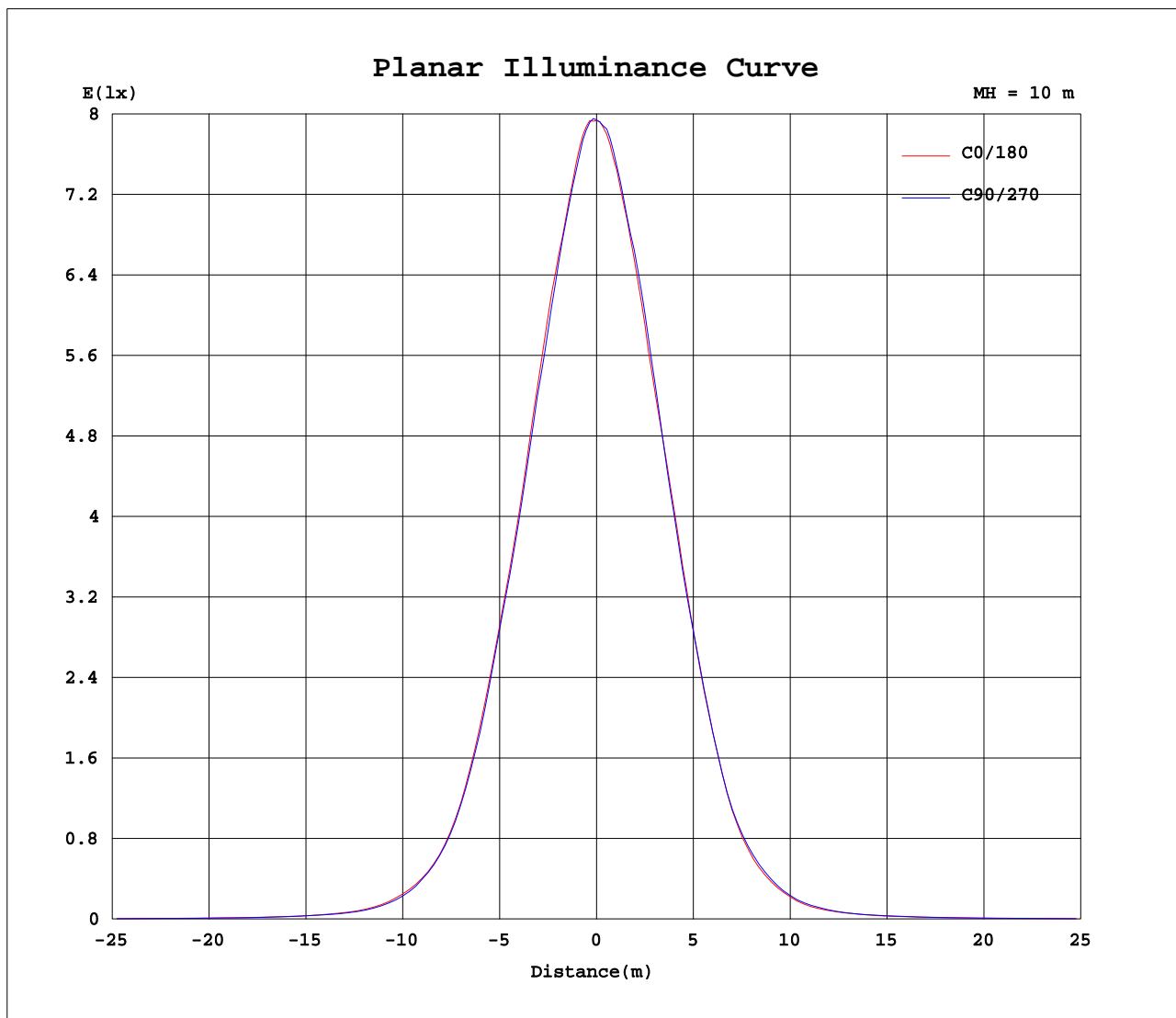
Test:U:226.5V I:0.0440A P:8.520W PF:0.8400 Lamp Flux:681.812x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.520W PF:0.8400 Lamp Flux:681.812x1 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	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794	794
5	775	779	776	774	771	772	767	769	769	768	766	766	765	763	767	768	771	769	771
10	709	712	712	711	708	710	705	703	704	703	701	707	707	708	706	709	711	709	712
15	640	642	633	633	627	630	624	624	627	630	631	631	627	629	632	627	634	630	641
20	542	540	534	536	531	538	532	541	536	547	541	544	544	535	533	529	539	534	539
25	440	441	434	437	432	438	433	434	434	441	436	443	439	432	434	426	432	428	431
30	329	333	323	325	319	325	320	322	313	321	316	316	318	309	311	306	313	310	320
35	210	215	211	214	209	213	207	209	203	207	202	202	197	194	202	196	202	197	199
40	123	127	125	125	121	124	120	121	114	120	117	118	114	114	117	115	118	117	121
45	70.8	71.3	70.2	71.9	69.1	70.5	65.1	67.6	65.0	67.2	66.6	64.5	62.8	61.1	63.3	63.2	67.8	65.3	66.5
50	36.9	37.4	38.1	38.0	37.7	37.3	33.8	34.8	33.4	35.0	34.8	34.1	32.6	32.2	35.1	33.6	35.9	35.8	35.7
55	22.2	21.0	21.8	21.3	20.7	20.8	21.1	20.5	19.6	19.6	20.4	20.1	19.9	18.8	20.2	19.9	20.3	20.0	21.4
60	14.5	14.1	14.6	14.1	13.7	13.8	13.7	13.5	13.1	13.1	13.4	13.3	13.4	12.9	13.4	13.2	13.3	13.2	14.3
65	9.94	9.58	9.69	9.42	9.23	9.39	9.52	9.49	9.21	9.26	8.92	9.11	9.28	9.09	9.21	9.15	9.17	9.19	9.95
70	6.91	6.70	6.57	6.42	6.34	6.52	6.69	6.80	6.51	6.36	6.14	6.34	6.47	6.53	6.49	6.37	6.49	6.50	6.97
75	4.61	4.63	4.49	4.37	4.51	4.63	4.61	4.73	4.53	4.41	4.25	4.35	4.47	4.54	4.57	4.38	4.56	4.56	4.84
80	2.88	2.95	2.86	2.83	4.22	6.37	2.98	3.07	2.93	2.87	2.82	3.59	2.90	2.95	2.98	2.86	3.78	5.18	3.11
85	1.64	1.68	1.65	1.65	2.53	3.16	1.76	1.80	1.74	1.73	1.78	2.09	1.76	1.77	1.78	1.76	2.27	2.87	1.87
90	1.08	1.08	1.09	1.08	1.28	1.57	1.18	1.20	1.19	1.17	1.34	1.30	1.29	1.29	1.28	1.28	1.44	1.84	1.35
95	1.10	1.12	1.11	1.12	1.29	1.50	1.20	1.23	1.20	1.21	1.43	1.35	1.36	1.34	1.36	1.34	1.51	1.77	1.43
100	1.18	1.20	1.18	1.20	1.48	1.62	1.28	1.31	1.29	1.29	1.62	1.48	1.48	1.46	1.48	1.46	1.68	1.90	1.55
105	1.32	1.33	1.31	1.33	1.60	1.82	1.41	1.44	1.42	1.43	1.81	1.73	1.63	1.61	1.62	1.61	1.91	2.07	1.69
110	1.51	1.52	1.51	1.52	1.94	1.99	1.60	1.62	1.61	1.63	1.97	1.88	1.83	1.82	1.82	1.81	2.15	2.25	1.88
115	1.75	1.76	1.75	1.76	2.08	2.24	1.85	1.87	1.86	1.87	2.31	2.01	2.07	2.06	2.06	2.05	2.45	2.48	2.13
120	2.06	2.07	2.06	2.07	2.52	2.47	2.16	2.17	2.17	2.18	2.44	2.26	2.36	2.35	2.35	2.35	2.71	2.69	2.40
125	2.42	2.43	2.42	2.43	2.59	2.67	2.51	2.53	2.52	2.54	2.69	2.56	2.70	2.69	2.68	2.67	2.91	2.89	2.73
130	2.81	2.82	2.81	2.82	2.95	3.03	2.91	2.91	2.91	2.92	3.03	2.92	3.07	3.05	3.05	3.04	3.17	3.22	3.10
135	3.23	3.24	3.23	3.24	3.32	3.41	3.33	3.32	3.32	3.34	3.41	3.32	3.44	3.43	3.43	3.42	3.52	3.58	3.47
140	3.64	3.64	3.64	3.65	3.72	3.80	3.72	3.71	3.71	3.72	3.79	3.70	3.81	3.80	3.80	3.79	3.87	3.93	3.84
145	4.00	4.01	3.99	4.00	4.09	4.16	4.07	4.06	4.06	4.09	4.12	4.07	4.14	4.14	4.13	4.13	4.20	4.27	4.16
150	4.29	4.31	4.28	4.31	4.40	4.48	4.36	4.36	4.36	4.37	4.43	4.39	4.42	4.41	4.41	4.40	4.49	4.55	4.44
155	4.52	4.54	4.53	4.53	4.55	4.59	4.57	4.57	4.57	4.57	4.67	4.65	4.63	4.62	4.61	4.61	4.69	4.76	4.65
160	4.70	4.72	4.69	4.71	4.70	4.72	4.70	4.71	4.70	4.71	4.70	4.73	4.79	4.78	4.77	4.77	4.79	4.77	4.78
165	4.84	4.85	4.82	4.84	4.84	4.84	4.83	4.84	4.84	4.84	4.84	4.86	4.92	4.91	4.90	4.89	4.92	4.89	4.90
170	4.96	4.97	4.95	4.96	4.96	4.96	4.95	4.96	4.96	4.96	4.95	4.98	5.02	5.00	5.01	4.99	5.02	5.00	5.00
175	5.07	5.08	5.06	5.07	5.06	5.07	5.06	5.08	5.08	5.07	5.06	5.09	5.11	5.10	5.10	5.08	5.10	5.09	5.09
180	5.16	5.17	5.15	5.15	5.15	5.16	5.15	5.16	5.16	5.15	5.16	5.17	5.17	5.17	5.15	5.15	5.16	5.16	5.15

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:8.520W PF:0.8400 Lamp Flux:681.812x1 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	794	794	794	794	794														
5	775	778	776	774	774														
10	714	718	713	718	715														
15	635	645	643	649	638														
20	538	545	546	552	544														
25	430	435	442	448	442														
30	313	324	322	332	326														
35	198	204	205	211	210														
40	118	119	124	129	126														
45	66.0	69.4	69.9	74.7	70.8														
50	35.9	36.2	37.4	39.1	39.0														
55	21.5	21.7	21.0	21.9	22.0														
60	14.1	14.4	13.9	14.5	14.2														
65	9.66	9.73	9.57	9.63	9.46														
70	6.84	6.74	6.69	6.62	6.66														
75	4.70	4.67	4.61	4.60	4.69														
80	3.07	3.08	3.06	3.06	4.29														
85	1.87	1.88	1.87	1.91	2.69														
90	1.34	1.34	1.33	1.45	1.44														
95	1.41	1.41	1.39	1.60	1.49														
100	1.52	1.52	1.50	1.77	1.66														
105	1.66	1.67	1.65	1.87	1.83														
110	1.85	1.85	1.86	2.03	2.05														
115	2.09	2.09	2.07	2.46	2.19														
120	2.37	2.37	2.36	2.53	2.41														
125	2.70	2.70	2.69	2.78	2.70														
130	3.06	3.06	3.05	3.11	3.05														
135	3.43	3.43	3.43	3.48	3.40														
140	3.80	3.81	3.80	3.83	3.76														
145	4.13	4.14	4.13	4.17	4.10														
150	4.41	4.41	4.42	4.52	4.46														
155	4.61	4.63	4.61	4.72	4.66														
160	4.76	4.78	4.75	4.76	4.75														
165	4.89	4.91	4.87	4.88	4.88														
170	4.99	5.01	4.99	4.99	4.99														
175	5.09	5.11	5.09	5.08	5.09														
180	5.16	5.17	5.15	5.15	5.17														

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: