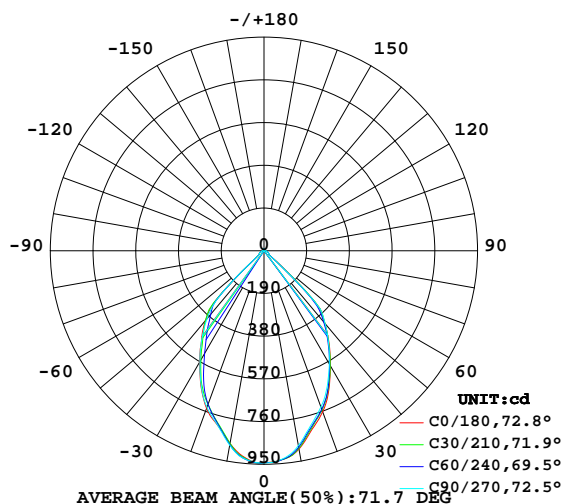


LUMINAIRE PHOTOMETRIC TEST REPORT

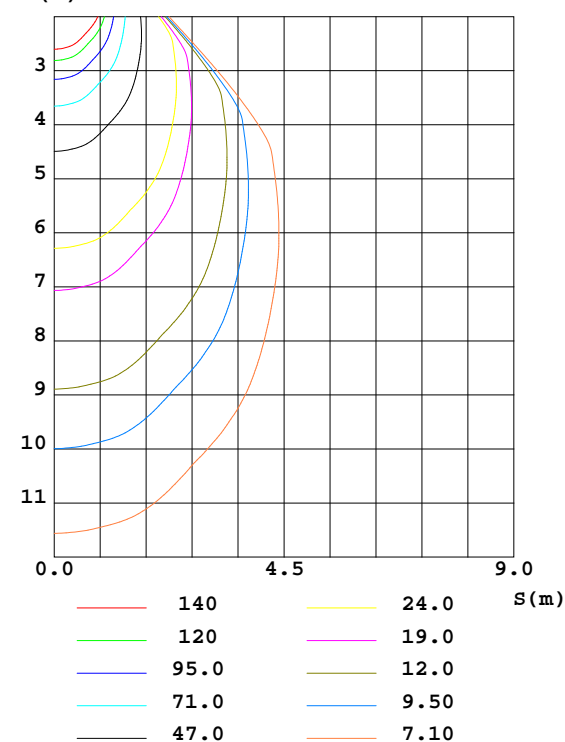
Test:U:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.62 lm/W			
MODEL	BL171-14W-930-W-60	Imax(cd)	945.3	S/MH(C0/180)	1.00
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	0.98
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1205.2	η UP,DN(C0-180)	1.2,49.7
NOMINAL FLUX(lm)	1205.22	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	1.15

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:2016-08-24

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	896.1	892.9	880.8	876.5	871.2	870.2	878.1	881.6	0- 10	87.29	87.29	7.24,7.24
20	762.1	752.4	740.5	740.2	746.8	721.4	741.2	737.9	10- 20	227.1	314.4	26.1,26.1
30	589.7	589.8	581.4	567.1	572.2	541.4	570.6	557.2	20- 30	303.5	617.8	51.3,51.3
40	422.6	416.1	423.7	407.6	404.5	393.9	394.1	407.3	30- 40	304.8	922.7	76.6,76.6
50	41.07	42.29	37.85	37.37	36.63	36.49	38.00	38.75	40- 50	187.9	1111	92.1,92.1
60	23.40	24.50	24.07	24.01	23.63	23.49	23.39	23.41	50- 60	25.03	1136	94.2,94.2
70	14.40	15.23	14.85	14.82	14.30	13.86	13.42	13.84	60- 70	19.90	1155	95.9,95.9
80	10.28	10.77	10.63	10.51	10.29	10.05	10.03	10.16	70- 80	13.32	1169	97,97
90	2.137	2.315	2.016	1.982	2.239	2.240	2.231	2.241	80- 90	7.573	1176	97.6,97.6
100	2.456	2.440	2.435	2.475	2.812	2.814	2.804	2.773	90-100	2.559	1179	97.8,97.8
110	3.159	3.128	3.136	3.180	3.560	3.572	3.550	3.518	100-110	3.146	1182	98.1,98.1
120	4.029	3.998	4.008	4.061	4.447	4.465	4.429	4.401	110-120	3.743	1186	98.4,98.4
130	5.055	5.026	5.037	5.090	5.469	5.486	5.446	5.413	120-130	4.236	1190	98.7,98.7
140	6.123	6.090	6.103	6.139	6.455	6.459	6.435	6.398	130-140	4.459	1194	99.1,99.1
150	6.936	6.924	6.908	6.943	7.135	7.128	7.108	7.070	140-150	4.178	1199	99.5,99.5
160	7.744	7.719	7.719	7.721	7.892	7.900	7.868	7.848	150-160	3.416	1202	99.7,99.7
170	8.510	8.491	8.486	8.496	8.598	8.595	8.566	8.553	160-170	2.305	1204	99.9,99.9
180	9.048	9.059	9.026	9.037	9.066	9.057	9.033	9.037	170-180	0.8347	1205	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

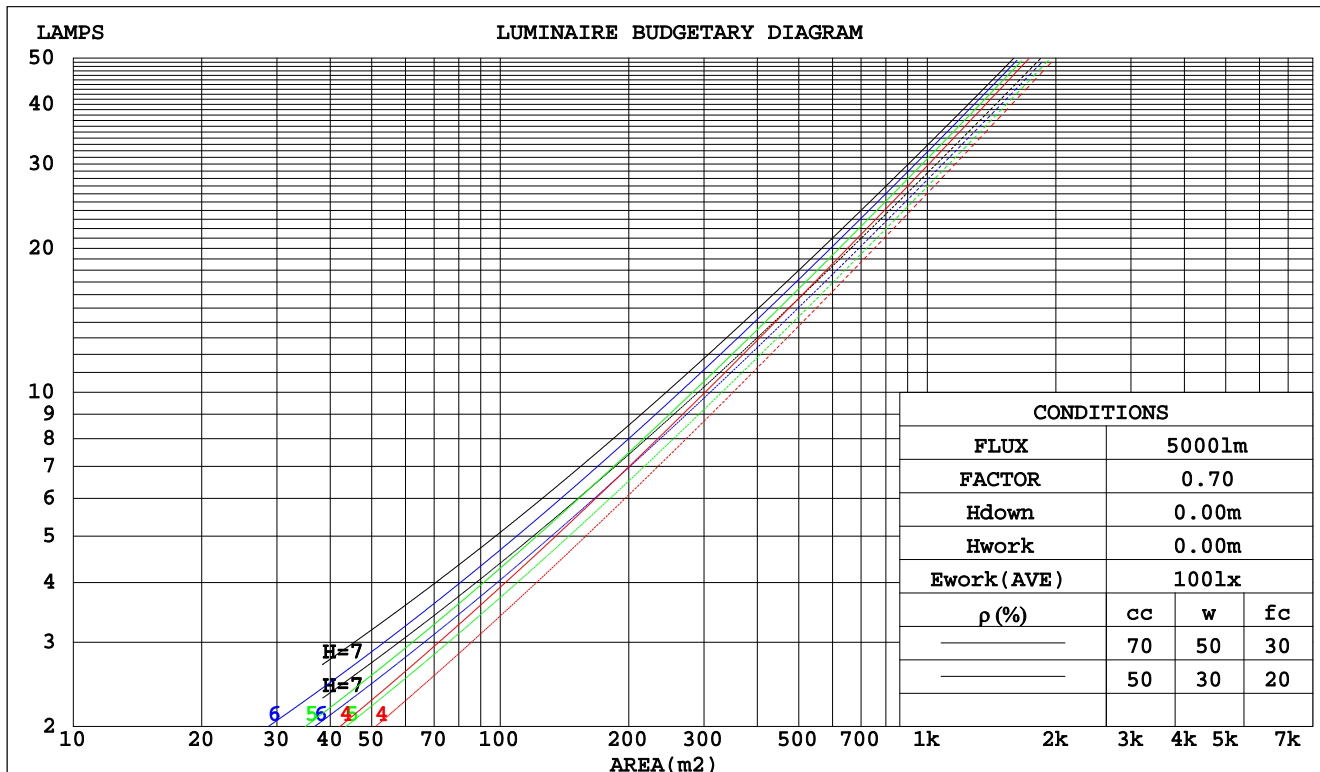
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 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	1.08	1.05	1.03	1.06	1.03	1.01	1.01	.99	.97	.97	.96	.94	.93	.92	.91	.89
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.90	.87	.85	.87	.85	.83	.81
3.0	.91	.85	.81	.89	.84	.80	.86	.82	.78	.83	.80	.77	.81	.78	.75	.73
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.77	.73	.70	.75	.72	.68	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.68	.64	.72	.67	.63	.70	.66	.63	.61
6.0	.71	.65	.60	.70	.64	.59	.69	.63	.59	.67	.62	.58	.65	.61	.57	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.62	.57	.53	.61	.56	.53	.51
8.0	.62	.55	.50	.61	.54	.50	.59	.54	.50	.58	.53	.49	.57	.52	.49	.47
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.54	.49	.45	.53	.49	.45	.44
10.0	.54	.47	.43	.53	.47	.43	.52	.46	.42	.51	.46	.42	.50	.45	.42	.40



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm								
NAME:			TYPE:			WEIGHT:		
DIM.:			SPEC.:			SERIAL No.:		
MFR.: Rayconn			SUR.:			PROTECTION ANGLE:		

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.212	.120	.038	.204	.117	.037	.190	.109	.035	.177	.102	.033	.165	.096	.031	
2.0	.202	.111	.034	.196	.108	.033	.183	.102	.032	.172	.097	.030	.162	.092	.029	
3.0	.192	.102	.031	.186	.100	.030	.175	.095	.029	.166	.091	.028	.157	.087	.027	
4.0	.182	.094	.028	.177	.092	.027	.167	.089	.027	.159	.085	.026	.151	.082	.025	
5.0	.172	.088	.025	.168	.086	.025	.160	.083	.024	.152	.080	.024	.145	.077	.023	
6.0	.164	.082	.023	.160	.081	.023	.152	.078	.023	.146	.076	.022	.139	.073	.022	
7.0	.156	.077	.022	.152	.076	.022	.146	.074	.021	.139	.071	.021	.134	.069	.020	
8.0	.148	.072	.020	.145	.071	.020	.139	.069	.020	.134	.068	.020	.128	.066	.019	
9.0	.141	.068	.019	.138	.067	.019	.133	.066	.019	.128	.064	.018	.123	.063	.018	
10.0	.135	.065	.018	.132	.064	.018	.127	.062	.018	.123	.061	.017	.118	.060	.017	

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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.175	.161	.164	.151	.138	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.151	.127	.153	.130	.110	.105	.090	.077	.061	.052	.045	.019	.017	.015	
3.0	.168	.132	.104	.144	.114	.090	.099	.079	.063	.057	.046	.037	.018	.015	.012	
4.0	.159	.118	.087	.136	.102	.076	.094	.071	.053	.054	.042	.032	.017	.014	.010	
5.0	.151	.107	.075	.130	.093	.065	.089	.065	.046	.052	.038	.027	.017	.012	.009	
6.0	.144	.098	.065	.124	.085	.057	.085	.060	.040	.050	.035	.024	.016	.011	.008	
7.0	.138	.091	.058	.119	.079	.051	.082	.055	.036	.048	.033	.021	.015	.011	.007	
8.0	.132	.085	.052	.114	.074	.046	.079	.052	.032	.046	.031	.019	.015	.010	.006	
9.0	.127	.080	.048	.110	.069	.042	.076	.049	.030	.044	.029	.018	.014	.009	.006	
10.0	.123	.076	.045	.106	.066	.039	.073	.046	.028	.043	.027	.016	.014	.009	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 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	21.2	22.3	21.5	22.5	22.8	21.1	22.2	21.4	22.4	22.7
	3H	21.2	22.2	21.5	22.4	22.7	21.1	22.1	21.4	22.3	22.6
	4H	21.2	22.1	21.5	22.4	22.7	21.1	22.0	21.4	22.3	22.6
	6H	21.2	22.1	21.6	22.4	22.7	21.2	22.0	21.5	22.3	22.6
	8H	21.3	22.1	21.6	22.4	22.8	21.2	22.1	21.6	22.4	22.7
	12H	21.3	22.2	21.7	22.5	22.8	21.3	22.1	21.6	22.4	22.7
4H	2H	21.0	22.0	21.3	22.2	22.5	20.9	21.9	21.2	22.1	22.4
	3H	21.0	21.8	21.4	22.2	22.5	20.9	21.7	21.3	22.1	22.4
	4H	21.1	21.8	21.5	22.2	22.5	21.0	21.8	21.4	22.1	22.5
	6H	21.2	21.9	21.7	22.3	22.7	21.2	21.8	21.6	22.2	22.6
	8H	21.4	22.0	21.8	22.4	22.8	21.3	21.9	21.7	22.3	22.7
	12H	21.5	22.1	22.0	22.5	22.9	21.5	22.0	21.9	22.4	22.9
8H	4H	21.1	21.7	21.5	22.1	22.5	21.0	21.6	21.4	22.0	22.4
	6H	21.3	21.8	21.8	22.2	22.7	21.3	21.7	21.7	22.2	22.7
	8H	21.5	21.9	22.0	22.4	22.9	21.5	21.9	21.9	22.4	22.8
	12H	21.8	22.1	22.3	22.6	23.1	21.7	22.1	22.2	22.6	23.1
12H	4H	21.0	21.6	21.5	22.0	22.4	21.0	21.5	21.4	21.9	22.4
	6H	21.3	21.8	21.8	22.2	22.7	21.3	21.7	21.8	22.2	22.7
	8H	21.6	21.9	22.1	22.4	22.9	21.5	21.9	22.0	22.4	22.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 4.0					+ 2.3 / - 3.9				
1.5H		+ 2.6 / - 5.0					+ 2.6 / - 4.9				
2.0H		+ 6.3 / - 2.7					+ 6.2 / - 2.6				

CIE Pub.117 Corrected 1205 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

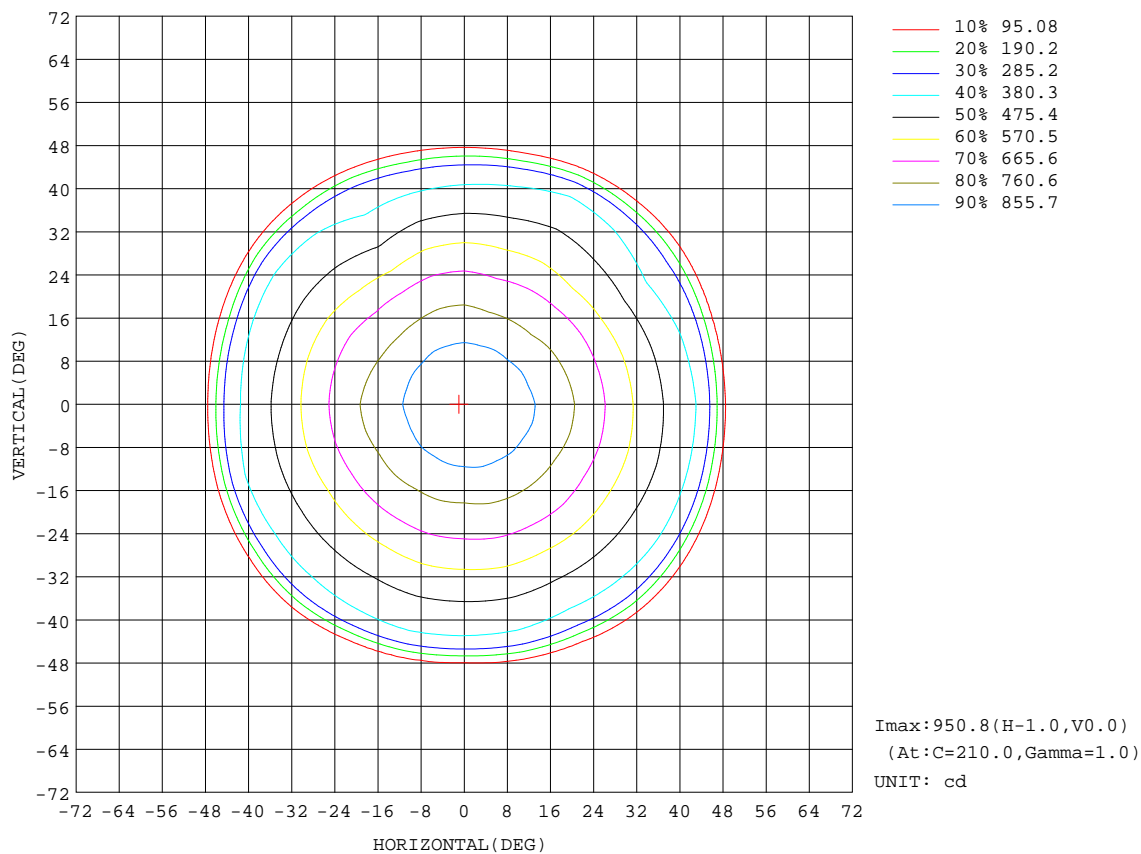
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	69	64	75	68	64	59
0.80	86	78	73	85	78	73	83	77	73	68
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	90	86	96	90	85	93	88	84	79
1.50	100	94	90	99	93	89	96	92	88	82
2.00	104	99	95	103	98	94	99	95	92	86
2.50	107	102	98	105	100	97	101	97	95	88
3.00	109	104	101	106	103	99	103	100	97	89
4.00	111	107	104	109	106	103	104	102	100	92
5.00	112	109	107	110	107	105	106	103	102	93
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:2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



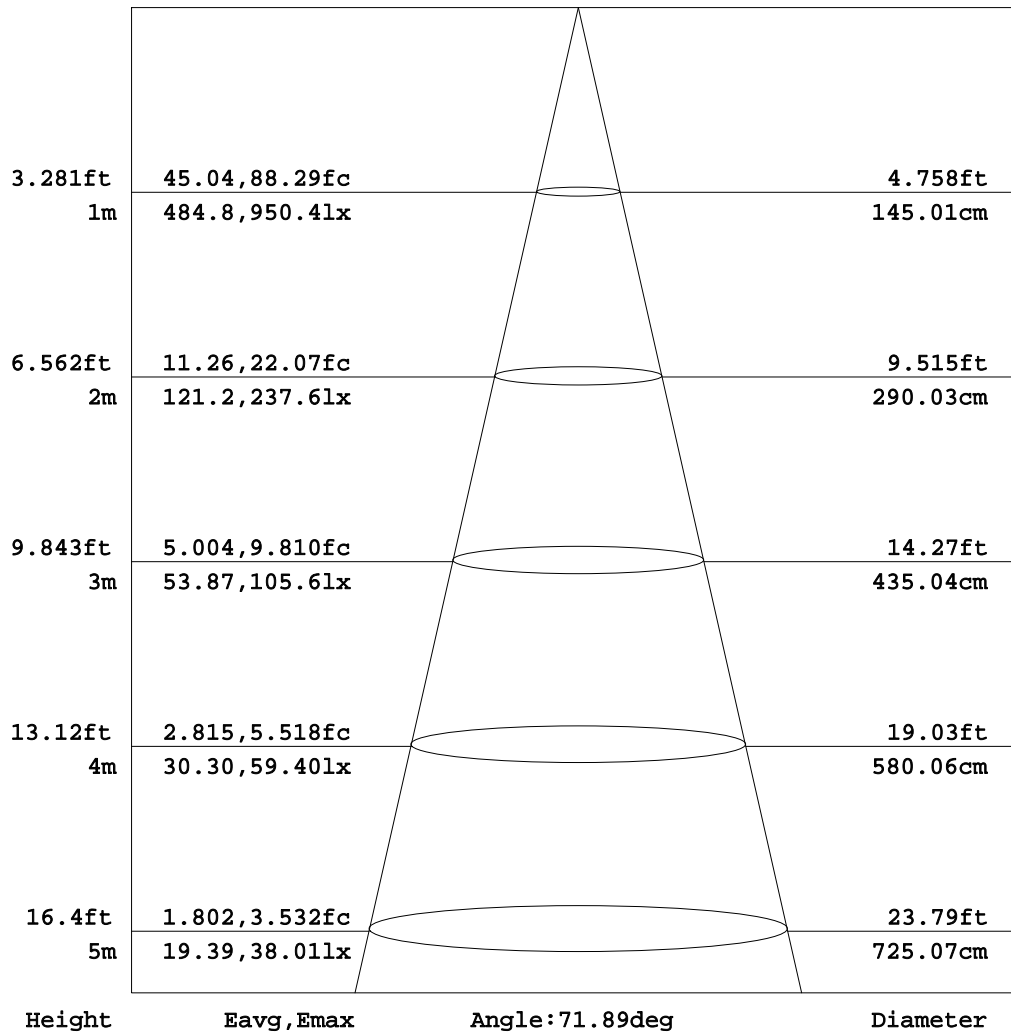
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:803.9 lm



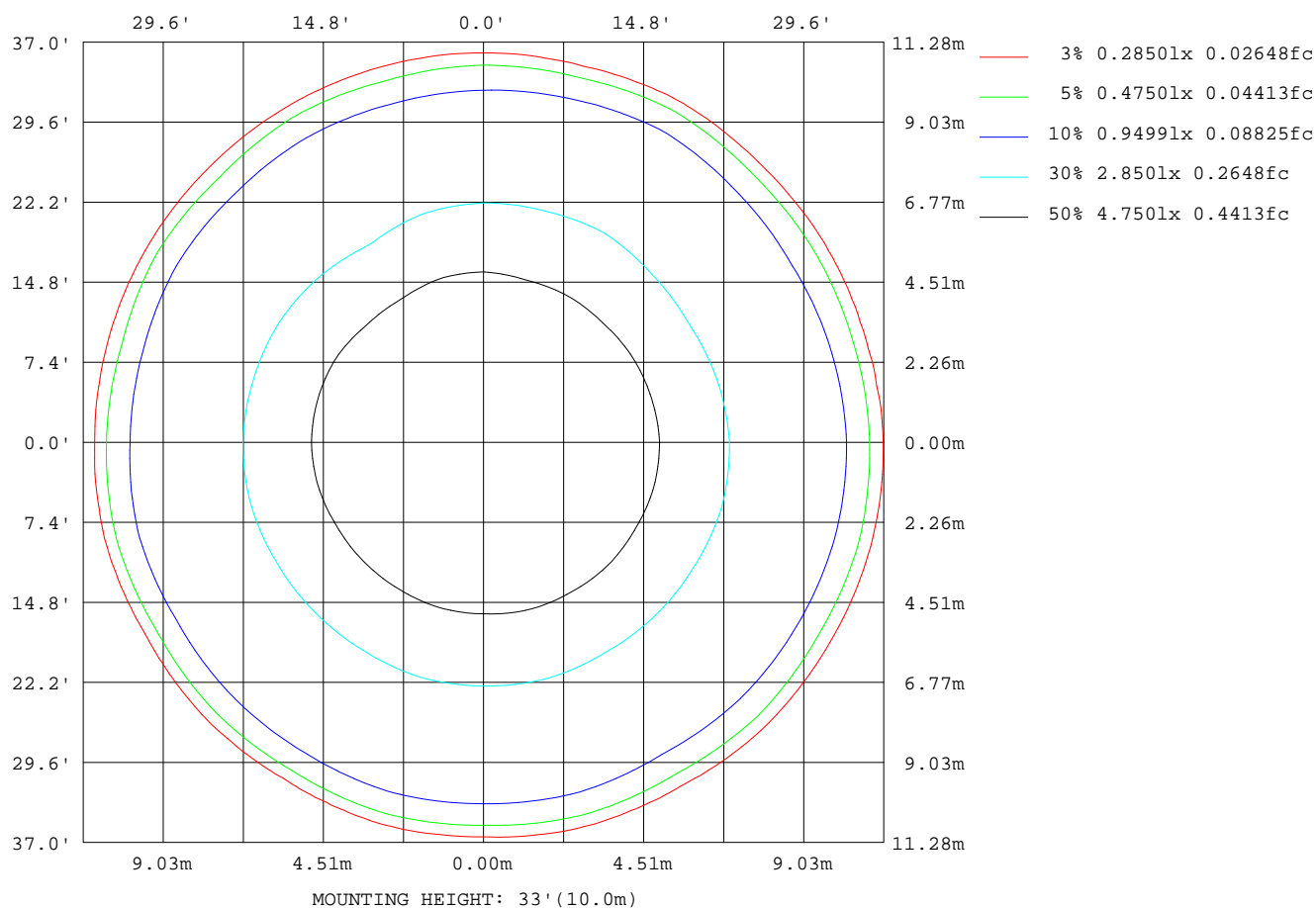
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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

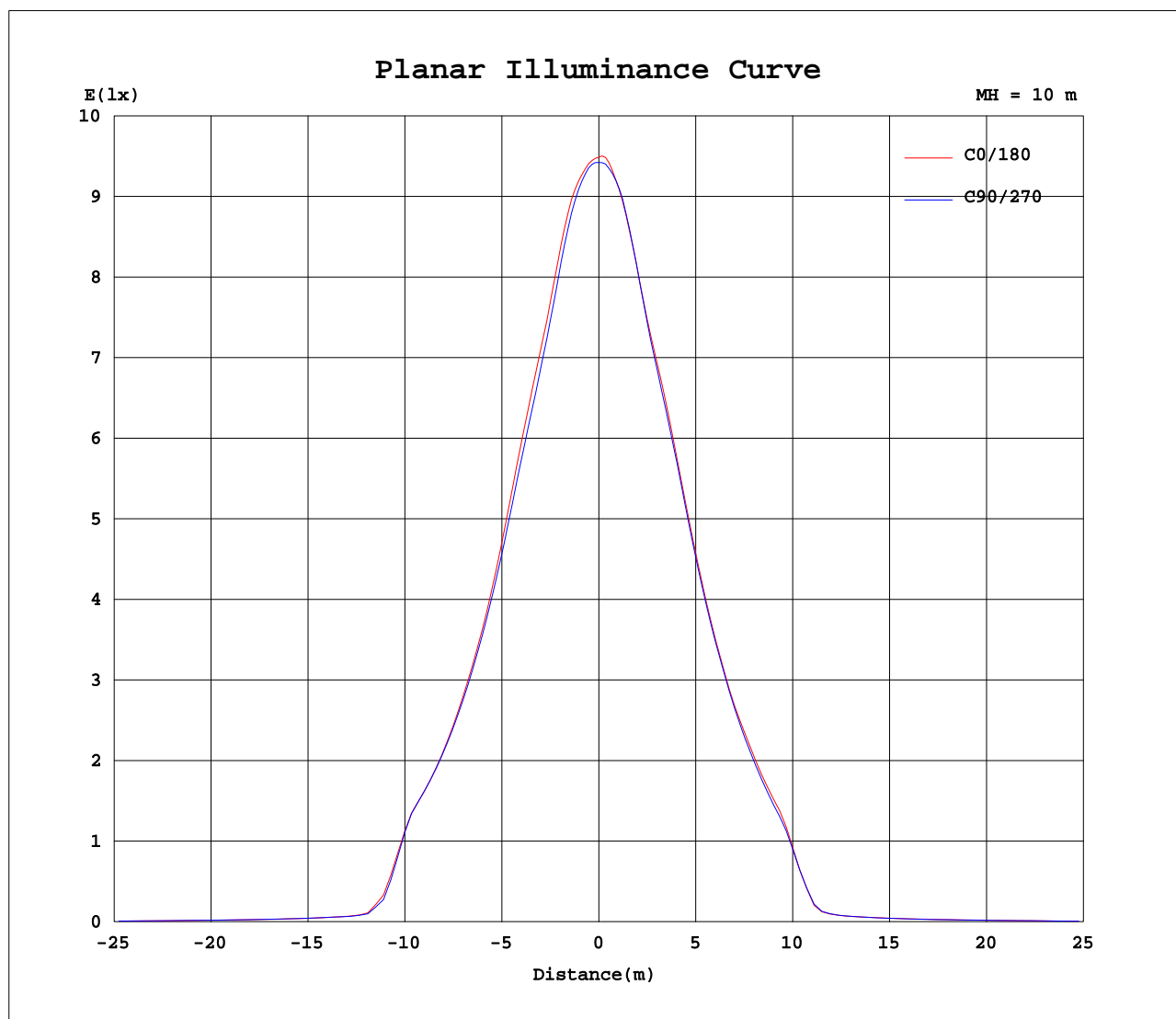
Test:U:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-24

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: 2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
γ (DEC)	0	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943	943
5	932	933	933	933	933	932	930	930	927	926	925	926	926	926	929	930	932	931	931
10	896	896	893	893	888	886	881	879	875	877	872	872	871	867	871	870	876	875	878
15	823	824	817	815	812	811	804	804	799	803	802	802	803	796	794	791	796	800	802
20	762	761	754	752	751	748	740	741	738	740	739	750	747	737	728	721	727	738	741
25	683	683	677	679	675	674	666	665	657	657	657	666	664	660	656	638	636	656	661
30	590	593	589	590	584	587	581	580	570	567	566	576	572	570	562	541	528	561	571
35	506	510	502	500	497	504	501	501	490	487	486	491	485	479	474	464	443	472	483
40	423	426	421	416	413	425	424	424	413	408	408	416	404	405	405	394	368	383	394
45	317	322	320	316	298	319	315	317	293	285	271	285	260	254	265	249	256	247	255
50	41.1	42.1	41.4	42.3	40.4	40.0	37.9	38.0	36.9	37.4	36.4	37.2	36.6	36.2	37.7	36.5	37.9	37.2	38.0
55	26.8	27.2	27.2	28.0	27.7	27.4	27.2	27.2	27.2	27.2	27.0	27.2	27.0	27.0	27.6	27.1	27.2	27.0	27.0
60	23.4	23.8	24.0	24.5	24.5	24.3	24.1	24.2	24.1	24.0	23.7	23.7	23.6	23.5	23.8	23.5	23.5	23.4	23.4
65	21.1	21.4	21.5	22.1	22.2	22.1	21.8	21.9	21.7	21.6	21.3	21.3	21.0	20.5	20.6	20.3	20.4	20.6	20.5
70	14.4	14.9	14.8	15.2	15.0	15.1	14.9	14.9	14.8	14.8	14.6	14.5	14.3	14.1	14.0	13.9	13.8	13.5	13.4
75	12.9	13.1	13.2	13.4	13.4	13.5	13.5	13.5	13.4	13.3	13.0	12.9	12.9	12.7	12.6	12.3	12.3	12.2	12.3
80	10.3	10.5	10.5	10.8	10.7	10.8	10.6	10.7	10.5	10.5	10.3	10.3	10.3	10.1	10.1	10.0	10.1	9.97	10.0
85	7.66	7.84	7.74	7.87	7.70	7.78	7.57	7.64	7.42	7.48	7.26	7.32	7.36	7.17	7.25	7.13	7.27	7.19	7.39
90	2.14	2.34	2.19	2.32	2.12	2.21	2.02	2.05	2.00	1.98	2.00	1.99	2.24	2.24	2.25	2.24	2.24	2.24	2.23
95	2.18	2.18	2.17	2.18	2.16	2.17	2.16	2.19	2.18	2.20	2.20	2.21	2.50	2.50	2.51	2.49	2.50	2.49	2.49
100	2.46	2.46	2.44	2.44	2.43	2.44	2.44	2.46	2.46	2.47	2.48	2.50	2.81	2.81	2.82	2.81	2.81	2.80	2.80
105	2.78	2.78	2.76	2.75	2.75	2.76	2.76	2.78	2.79	2.80	2.81	2.83	3.17	3.18	3.18	3.18	3.18	3.17	3.16
110	3.16	3.15	3.14	3.13	3.12	3.13	3.14	3.15	3.17	3.18	3.19	3.21	3.56	3.57	3.57	3.57	3.57	3.56	3.55
115	3.58	3.55	3.55	3.54	3.54	3.54	3.55	3.56	3.58	3.59	3.62	3.64	3.99	4.00	4.00	4.00	4.00	3.98	3.97
120	4.03	4.01	4.01	4.00	4.00	4.00	4.01	4.02	4.04	4.06	4.09	4.10	4.45	4.46	4.47	4.46	4.46	4.44	4.43
125	4.53	4.51	4.51	4.49	4.50	4.49	4.51	4.52	4.54	4.57	4.60	4.60	4.95	4.96	4.96	4.96	4.95	4.94	4.92
130	5.06	5.04	5.03	5.03	5.02	5.02	5.04	5.05	5.07	5.09	5.12	5.14	5.47	5.48	5.48	5.49	5.48	5.46	5.45
135	5.60	5.58	5.57	5.56	5.56	5.56	5.58	5.59	5.60	5.62	5.66	5.67	5.99	5.99	6.00	5.99	5.98	5.97	5.96
140	6.12	6.10	6.09	6.09	6.08	6.09	6.10	6.11	6.12	6.14	6.17	6.19	6.46	6.46	6.46	6.46	6.46	6.45	6.43
145	6.57	6.55	6.54	6.55	6.54	6.55	6.55	6.55	6.56	6.58	6.61	6.61	6.82	6.82	6.83	6.82	6.82	6.81	6.81
150	6.94	6.92	6.92	6.92	6.92	6.91	6.91	6.91	6.92	6.94	6.95	6.96	7.14	7.13	7.14	7.13	7.13	7.12	7.11
155	7.34	7.33	7.33	7.32	7.31	7.30	7.31	7.31	7.33	7.34	7.35	7.36	7.51	7.50	7.52	7.52	7.51	7.49	7.48
160	7.74	7.73	7.73	7.72	7.71	7.70	7.72	7.71	7.72	7.72	7.74	7.74	7.89	7.88	7.90	7.90	7.89	7.87	7.87
165	8.13	8.12	8.11	8.10	8.11	8.11	8.11	8.11	8.11	8.11	8.13	8.13	8.25	8.24	8.26	8.26	8.25	8.23	8.23
170	8.51	8.50	8.49	8.49	8.49	8.50	8.49	8.48	8.49	8.50	8.51	8.53	8.60	8.58	8.60	8.59	8.59	8.57	8.57
175	8.86	8.84	8.83	8.84	8.84	8.84	8.82	8.83	8.82	8.84	8.84	8.86	8.89	8.87	8.89	8.87	8.88	8.85	8.85
180	9.05	9.05	9.04	9.06	9.05	9.04	9.03	9.03	9.03	9.04	9.04	9.04	9.07	9.04	9.05	9.06	9.06	9.03	9.03

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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:226.6V I:0.0740A P:13.60W PF:0.8110 Lamp Flux:1205.22x1 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	943	943	943	943	943														
5	930	930	928	929	930														
10	877	881	882	890	892														
15	797	800	801	815	820														
20	731	732	738	748	760														
25	649	656	656	670	679														
30	565	568	557	565	584														
35	484	496	483	475	495														
40	403	419	407	379	409														
45	270	299	280	276	298														
50	37.2	38.8	38.8	40.7	40.1														
55	26.8	27.0	26.9	27.2	27.0														
60	23.4	23.4	23.4	23.6	23.5														
65	20.4	20.4	20.5	20.9	21.1														
70	13.4	13.7	13.8	14.2	14.3														
75	12.3	12.4	12.4	12.6	12.8														
80	10.0	10.1	10.2	10.3	10.3														
85	7.36	7.59	7.58	7.79	7.74														
90	2.24	2.23	2.24	2.30	2.26														
95	2.48	2.48	2.46	2.46	2.45														
100	2.79	2.79	2.77	2.77	2.76														
105	3.16	3.15	3.14	3.13	3.12														
110	3.54	3.53	3.52	3.51	3.50														
115	3.96	3.95	3.94	3.93	3.92														
120	4.42	4.41	4.40	4.38	4.37														
125	4.92	4.90	4.89	4.87	4.86														
130	5.44	5.42	5.41	5.39	5.37														
135	5.96	5.93	5.92	5.90	5.88														
140	6.43	6.41	6.40	6.38	6.36														
145	6.80	6.78	6.76	6.75	6.74														
150	7.10	7.08	7.07	7.05	7.05														
155	7.48	7.47	7.46	7.44	7.43														
160	7.87	7.85	7.85	7.84	7.83														
165	8.22	8.22	8.21	8.20	8.20														
170	8.56	8.56	8.55	8.55	8.54														
175	8.84	8.85	8.84	8.85	8.84														
180	9.03	9.03	9.04	9.04	9.04														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-24

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: