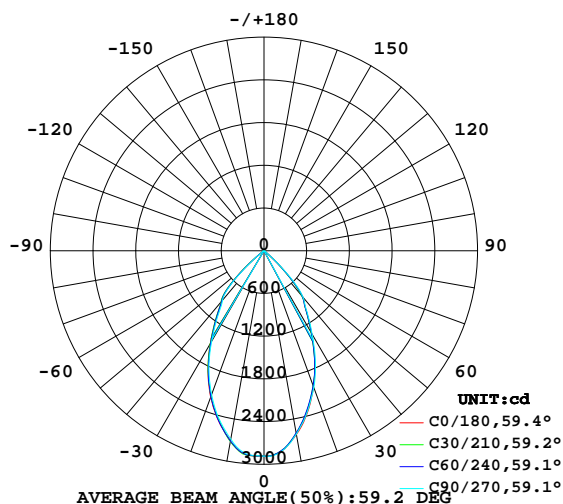


LUMINAIRE PHOTOMETRIC TEST REPORT

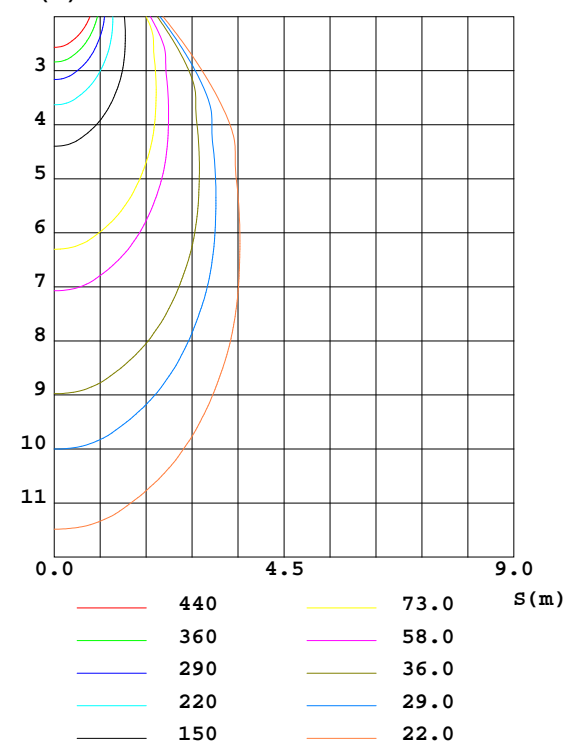
Test:U:226.5V I:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.02 lm/W			
MODEL	BL191-28W-830-W-60	Imax(cd)	2891	S/MH(C0/180)	0.84
NOMINAL POWER(W)	26	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2990.6	η UP,DN(C0-180)	1.2,47.4
NOMINAL FLUX(lm)	2990.65	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.1
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.5	CIBSE SHR MAX	0.90

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:2016-08-26

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	2621	2606	2617	2669	2715	2712	2688	2663	0- 10	265.9	265.9	8.89,8.89
20	2032	2028	2046	2121	2189	2172	2152	2079	10- 20	670.5	936.4	31.3,31.3
30	1336	1323	1355	1421	1509	1499	1473	1383	20- 30	807.7	1744	58.3,58.3
40	847.1	842.0	858.3	905.7	931.3	925.3	907.6	865.3	30- 40	696.0	2440	81.6,81.6
50	68.64	69.71	74.50	148.4	210.0	202.4	167.5	83.79	40- 50	400.3	2840	95,95
60	22.74	22.88	23.46	25.19	26.69	26.71	25.52	24.08	50- 60	40.44	2881	96.3,96.3
70	10.02	10.06	10.44	12.93	14.50	14.02	14.14	11.18	60- 70	18.31	2899	96.9,96.9
80	6.908	6.897	6.981	7.173	7.785	7.867	7.765	7.510	70- 80	9.378	2909	97.3,97.3
90	5.279	5.269	5.233	5.203	6.152	6.189	6.038	5.906	80- 90	7.148	2916	97.5,97.5
100	6.403	6.414	6.351	6.192	6.975	6.978	7.020	7.192	90-100	6.622	2922	97.7,97.7
110	8.156	8.170	8.087	7.845	8.678	8.696	8.745	8.982	100-110	7.935	2930	98,98
120	10.61	10.64	10.53	10.21	10.93	10.93	11.01	11.32	110-120	9.459	2940	98.3,98.3
130	13.54	13.59	13.47	13.14	13.68	13.68	13.78	14.10	120-130	10.90	2951	98.7,98.7
140	16.50	16.59	16.48	16.17	16.48	16.52	16.63	16.90	130-140	11.66	2962	99.1,99.1
150	18.76	18.85	18.82	18.61	18.67	18.74	18.82	19.04	140-150	11.14	2973	99.4,99.4
160	20.45	20.53	20.52	20.38	20.39	20.43	20.50	20.67	150-160	9.075	2982	99.7,99.7
170	22.01	22.10	22.07	21.99	21.94	21.98	22.05	22.15	160-170	6.005	2988	99.9,99.9
180	23.18	23.26	23.25	23.29	23.20	23.24	23.28	23.28	170-180	2.152	2991	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

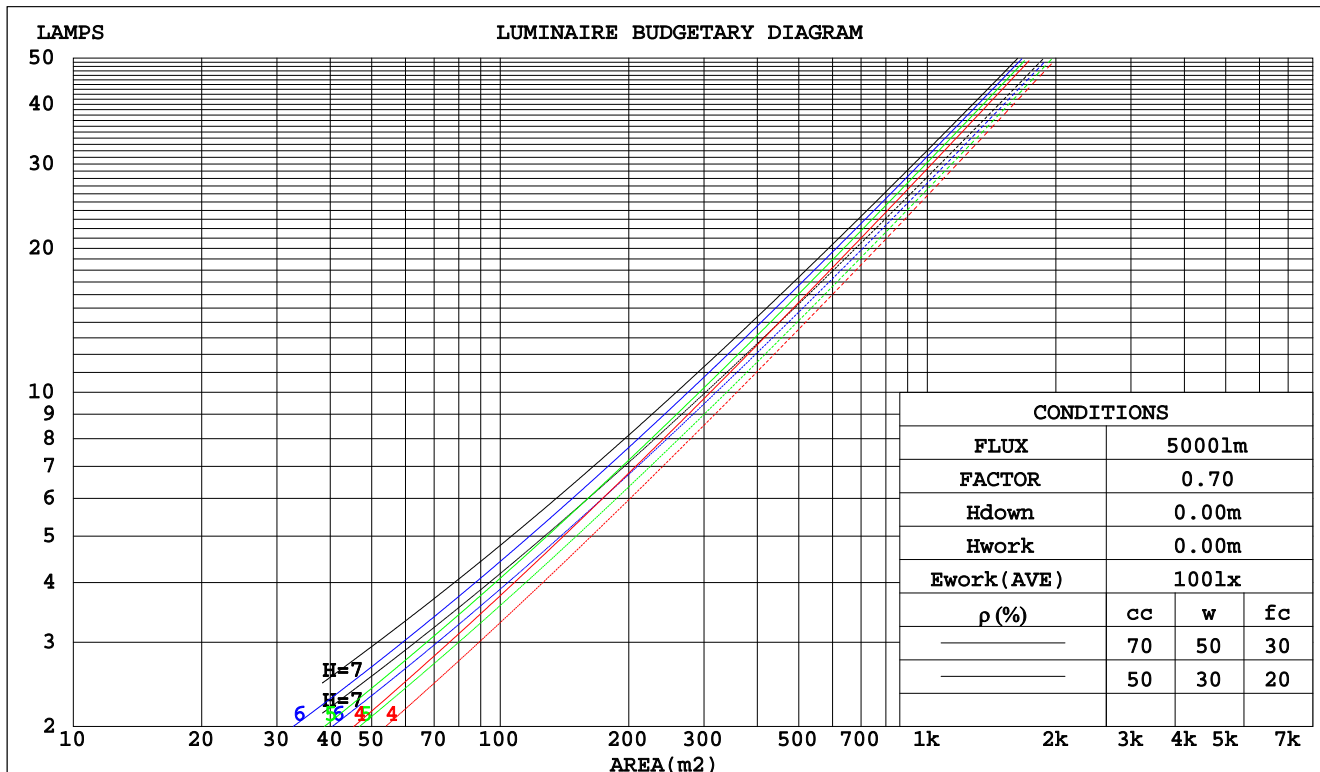
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 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	.97
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	.96	.93	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.83	.92	.87	.83	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.74	.72	.70
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.64	.60	.57	.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:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 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	.194	.110	.035	.187	.107	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028	
2.0	.187	.102	.031	.180	.099	.031	.168	.093	.029	.157	.088	.028	.147	.083	.026	
3.0	.178	.095	.028	.172	.092	.028	.162	.088	.027	.152	.083	.026	.143	.079	.025	
4.0	.169	.088	.026	.165	.086	.025	.155	.082	.025	.147	.079	.024	.139	.076	.023	
5.0	.161	.082	.024	.157	.081	.023	.149	.078	.023	.141	.075	.022	.134	.072	.022	
6.0	.154	.077	.022	.150	.076	.022	.143	.073	.021	.136	.071	.021	.130	.068	.020	
7.0	.147	.073	.021	.143	.071	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019	
8.0	.140	.068	.019	.137	.067	.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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.163	.164	.151	.140	.112	.104	.097	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.130	.152	.131	.112	.104	.090	.078	.060	.053	.046	.019	.017	.015	
3.0	.166	.133	.107	.143	.115	.093	.098	.080	.065	.057	.047	.038	.018	.015	.013	
4.0	.157	.119	.090	.135	.103	.078	.093	.072	.055	.054	.042	.032	.017	.014	.011	
5.0	.149	.107	.077	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.142	.098	.067	.122	.085	.059	.084	.060	.042	.049	.035	.025	.016	.011	.008	
7.0	.135	.091	.060	.117	.079	.052	.081	.055	.037	.047	.033	.022	.015	.011	.007	
8.0	.130	.085	.054	.112	.074	.047	.077	.052	.034	.045	.031	.020	.015	.010	.007	
9.0	.125	.080	.050	.108	.069	.043	.075	.049	.031	.043	.029	.018	.014	.009	.006	
10.0	.120	.076	.046	.104	.066	.040	.072	.046	.029	.042	.027	.017	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 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	18.8	19.9	19.1	20.1	20.3	19.0	20.0	19.2	20.2	20.4	
	3H	18.7	19.6	19.0	19.9	20.1	18.8	19.7	19.1	20.0	
	4H	18.6	19.5	18.9	19.7	20.0	18.7	19.6	19.0	19.9	
	6H	18.5	19.3	18.9	19.6	19.9	18.6	19.5	19.0	19.8	
	8H	18.5	19.3	18.8	19.6	19.9	18.6	19.4	19.0	19.7	
	12H	18.5	19.2	18.8	19.5	19.9	18.6	19.3	19.0	19.7	
4H	2H	18.6	19.5	18.9	19.7	20.0	18.7	19.6	19.0	19.9	
	3H	18.4	19.2	18.8	19.5	19.8	18.5	19.3	18.9	19.6	
	4H	18.3	19.0	18.7	19.4	19.7	18.5	19.1	18.9	19.5	
	6H	18.3	18.9	18.7	19.2	19.6	18.4	19.0	18.8	19.4	
	8H	18.2	18.8	18.7	19.2	19.6	18.4	18.9	18.8	19.3	
	12H	18.2	18.7	18.7	19.2	19.6	18.4	18.9	18.8	19.3	
8H	4H	18.2	18.7	18.6	19.1	19.6	18.3	18.9	18.8	19.3	
	6H	18.1	18.6	18.6	19.0	19.5	18.3	18.7	18.7	19.2	
	8H	18.1	18.5	18.6	19.0	19.5	18.3	18.7	18.7	19.1	
	12H	18.1	18.5	18.7	19.0	19.5	18.3	18.6	18.8	19.1	
12H	4H	18.1	18.6	18.6	19.1	19.5	18.3	18.8	18.7	19.2	
	6H	18.1	18.5	18.6	19.0	19.5	18.2	18.6	18.7	19.1	
	8H	18.1	18.4	18.6	18.9	19.4	18.2	18.6	18.7	19.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 9.8					+ 2.6 / - 9.7					
1.5H	+ 4.1 / -10.0					+ 3.9 / -10.1					
2.0H	+ 7.6 / - 5.4					+ 7.9 / - 5.8					

CIE Pub.117 Corrected 2991 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

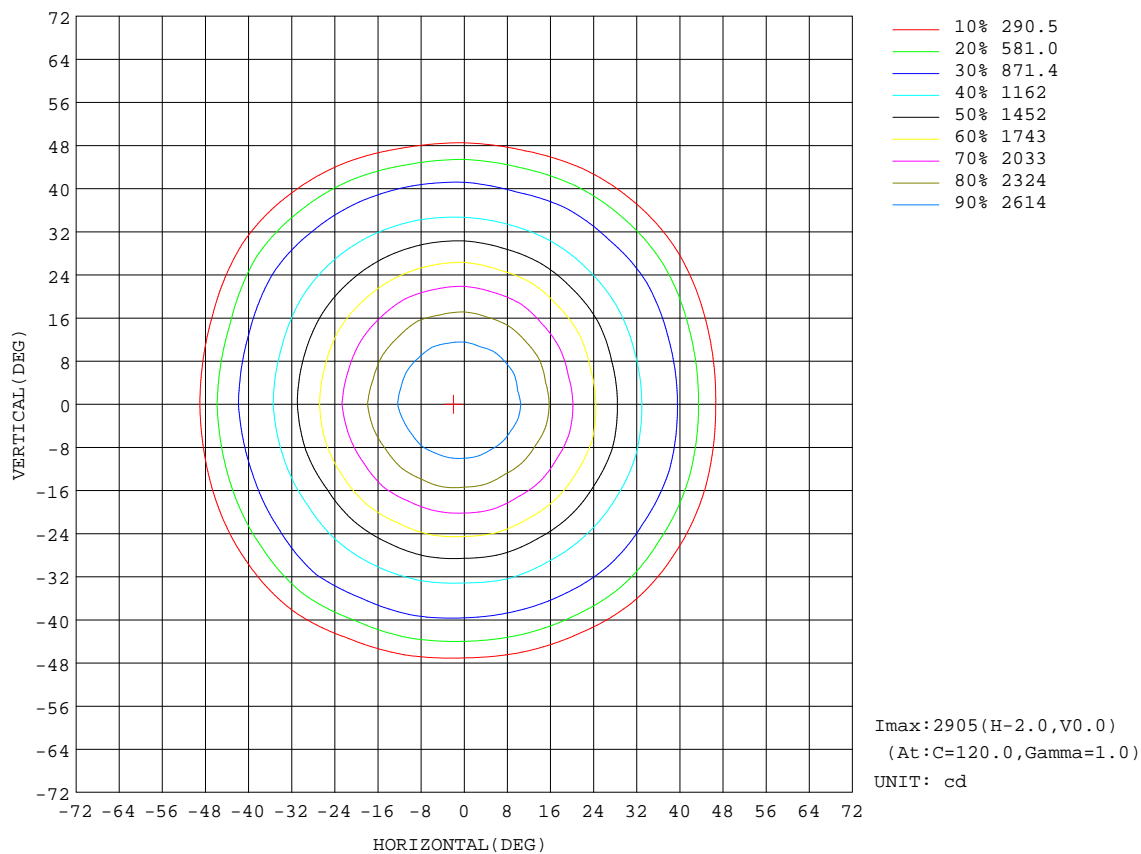
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	68	63
0.80	88	81	77	88	81	77	86	80	76	72
1.00	94	88	83	93	87	83	91	87	82	78
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	97	93	101	96	92	98	94	91	85
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	110	108	111	108	106	106	104	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:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



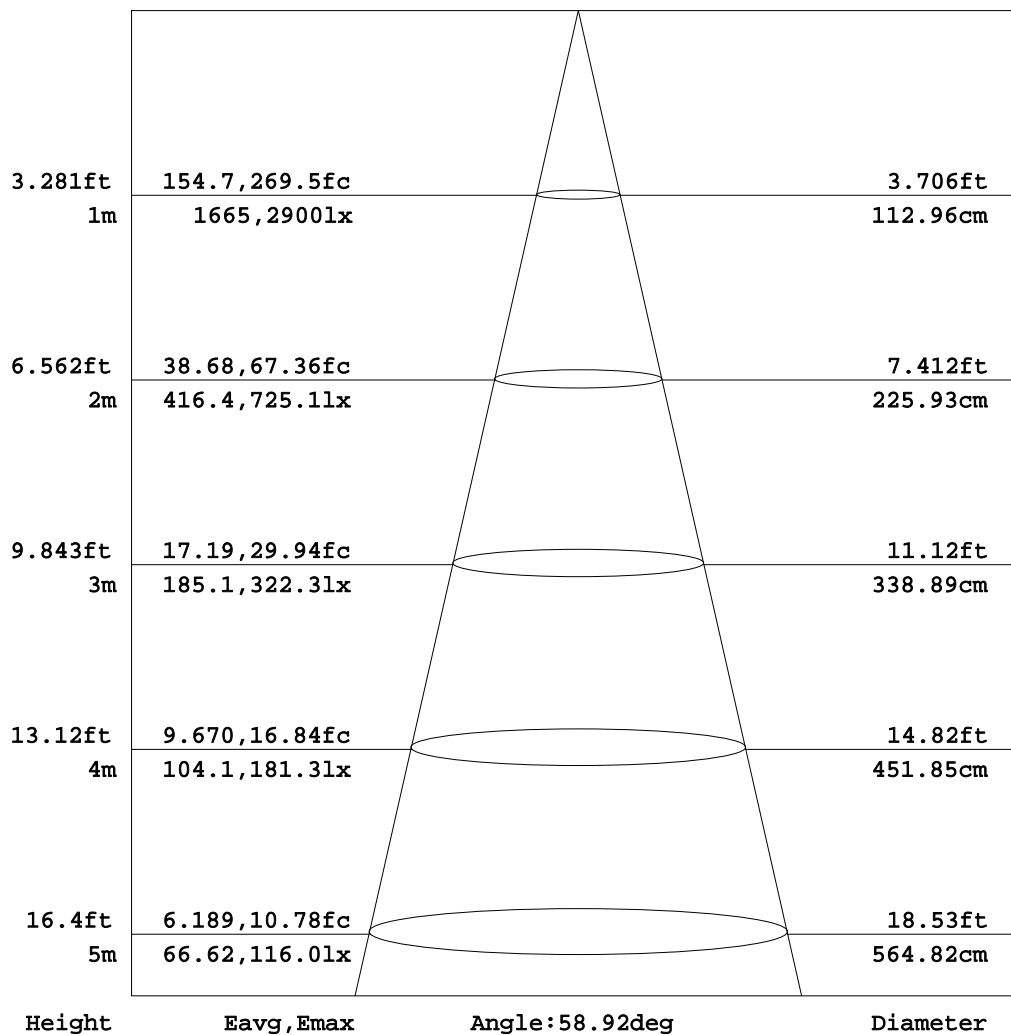
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1744 lm



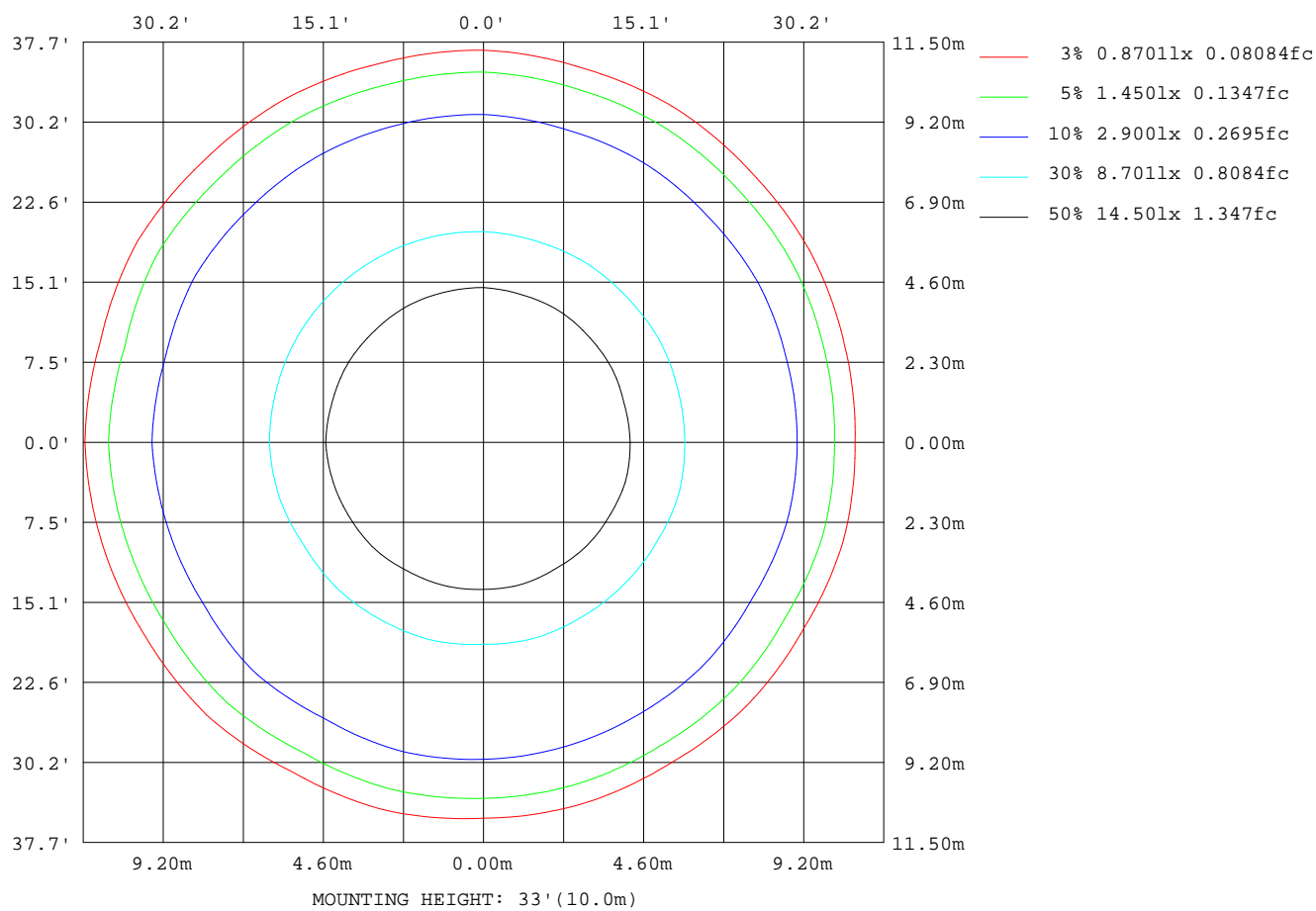
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-26

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

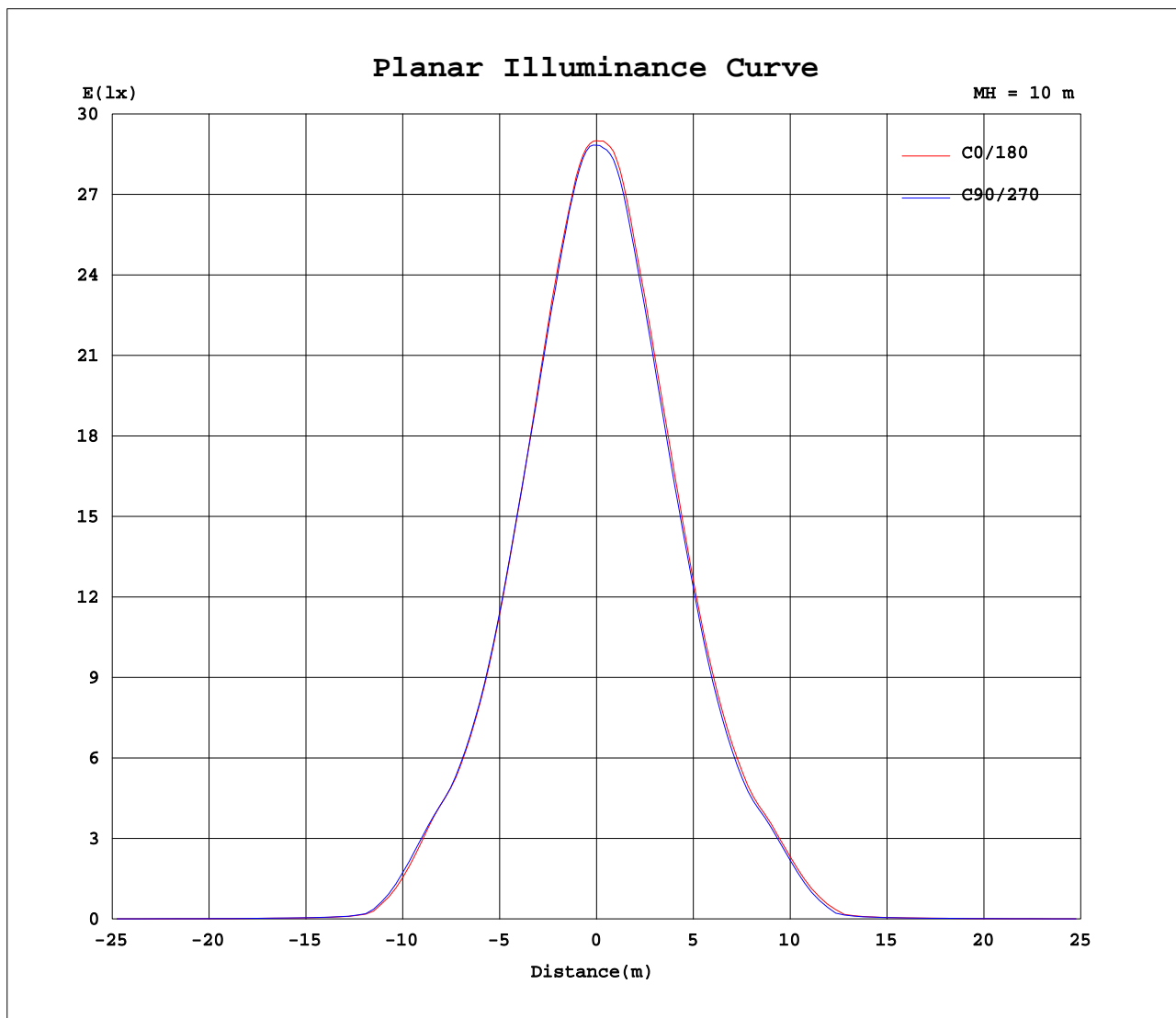
Test:U:226.5V I:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-26

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: 2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 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	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884	2884
5	2826	2824	2819	2820	2817	2827	2829	2846	2853	2862	2862	2871	2878	2877	2880	2876	2874	2864	2863
10	2621	2617	2604	2606	2601	2612	2617	2633	2647	2669	2679	2707	2715	2708	2722	2712	2714	2696	2688
15	2357	2353	2331	2333	2323	2344	2347	2378	2386	2418	2430	2464	2472	2451	2457	2457	2470	2446	2444
20	2032	2036	2018	2028	2020	2044	2046	2067	2078	2121	2131	2172	2189	2167	2178	2172	2183	2154	2152
25	1690	1705	1680	1686	1682	1707	1709	1744	1752	1798	1820	1856	1866	1851	1863	1845	1854	1838	1834
30	1336	1347	1321	1323	1332	1360	1355	1391	1397	1421	1428	1495	1509	1507	1511	1499	1497	1489	1473
35	1039	1050	1035	1035	1036	1067	1059	1084	1096	1116	1117	1153	1181	1173	1188	1185	1179	1166	1141
40	847	853	828	842	840	847	858	879	879	906	900	910	931	930	940	925	925	925	908
45	435	442	416	443	440	472	491	518	508	571	568	610	653	616	668	642	645	618	619
50	68.6	69.2	67.6	69.7	69.0	75.0	74.5	88.1	101	148	164	192	210	204	220	202	199	177	168
55	30.9	30.9	31.0	31.5	31.3	32.4	32.5	33.9	35.1	37.5	38.6	40.3	41.5	43.5	43.4	41.5	40.8	38.2	37.8
60	22.7	22.7	22.5	22.9	22.9	23.4	23.5	24.0	24.4	25.2	25.7	26.3	26.7	26.7	27.4	26.7	26.4	25.8	25.5
65	17.0	17.0	16.7	17.0	17.0	17.5	17.7	18.2	18.4	18.9	19.0	19.5	19.7	19.8	20.2	19.8	19.9	19.2	19.1
70	10.0	10.1	9.84	10.1	9.97	10.3	10.4	10.9	11.3	12.9	13.6	14.5	14.5	14.0	14.1	14.0	14.3	14.2	14.1
75	7.95	7.95	7.87	7.94	7.93	8.08	8.14	8.35	8.45	8.68	8.78	8.96	9.28	9.31	9.39	9.37	9.37	9.25	9.17
80	6.91	6.89	6.86	6.90	6.90	6.95	6.98	7.05	7.09	7.17	7.22	7.32	7.78	7.82	7.88	7.87	7.87	7.82	7.76
85	6.09	6.08	6.05	6.08	6.08	6.14	6.17	6.24	6.29	6.36	6.41	6.50	7.08	7.10	7.13	7.13	7.14	7.10	7.05
90	5.28	5.27	5.30	5.27	5.28	5.24	5.23	5.19	5.18	5.20	5.28	5.44	6.15	6.16	6.22	6.19	6.18	6.09	6.04
95	5.78	5.77	5.81	5.77	5.78	5.74	5.73	5.68	5.66	5.61	5.59	5.55	6.30	6.31	6.28	6.31	6.29	6.35	6.34
100	6.40	6.40	6.44	6.41	6.42	6.36	6.35	6.28	6.27	6.19	6.19	6.12	6.97	6.98	6.94	6.98	6.96	7.02	7.02
105	7.19	7.18	7.24	7.20	7.22	7.15	7.13	7.04	7.02	6.93	6.92	6.84	7.76	7.77	7.73	7.78	7.75	7.82	7.82
110	8.16	8.15	8.21	8.17	8.19	8.11	8.09	7.98	7.95	7.85	7.82	7.73	8.68	8.69	8.65	8.70	8.67	8.75	8.75
115	9.29	9.29	9.36	9.31	9.34	9.24	9.22	9.10	9.07	8.94	8.91	8.80	9.73	9.73	9.70	9.74	9.72	9.80	9.81
120	10.6	10.6	10.7	10.6	10.7	10.6	10.5	10.4	10.4	10.2	10.2	10.1	10.9	10.9	10.9	10.9	10.9	11.0	11.0
125	12.0	12.0	12.1	12.1	12.1	12.0	12.0	11.8	11.8	11.6	11.6	11.5	12.3	12.3	12.2	12.3	12.3	12.3	12.4
130	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.3	13.3	13.1	13.1	13.0	13.7	13.7	13.6	13.7	13.7	13.8	13.8
135	15.0	15.0	15.1	15.1	15.1	15.0	15.0	14.8	14.8	14.6	14.6	14.5	15.1	15.1	15.1	15.1	15.1	15.2	15.2
140	16.5	16.5	16.6	16.6	16.6	16.5	16.5	16.4	16.3	16.2	16.1	16.0	16.5	16.5	16.5	16.5	16.5	16.6	16.6
145	17.8	17.8	17.9	17.9	17.9	17.8	17.8	17.7	17.7	17.6	17.5	17.4	17.7	17.7	17.7	17.8	17.8	17.8	17.9
150	18.8	18.8	18.9	18.9	18.9	18.8	18.8	18.8	18.7	18.6	18.6	18.5	18.7	18.7	18.7	18.7	18.7	18.8	18.8
155	19.6	19.7	19.7	19.7	19.8	19.7	19.7	19.6	19.6	19.5	19.5	19.4	19.5	19.5	19.5	19.6	19.6	19.7	19.6
160	20.4	20.5	20.5	20.5	20.6	20.5	20.5	20.5	20.5	20.4	20.4	20.3	20.4	20.4	20.4	20.4	20.4	20.5	20.5
165	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.2	21.2	21.2	21.1	21.2	21.2	21.2	21.2	21.2	21.3	21.3
170	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.0	22.0	22.0	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.1
175	22.8	22.8	22.8	22.9	22.9	22.9	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.8	22.8	22.8
180	23.2	23.2	23.2	23.3	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2	23.2	23.3	23.2	23.3	23.3	23.3

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-26

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:0.1220A P:26.00W PF:0.9390 Lamp Flux:2990.65x1 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	2884	2884	2884	2884	2884														
5	2859	2854	2844	2840	2828														
10	2672	2676	2663	2661	2636														
15	2422	2424	2402	2401	2372														
20	2126	2120	2079	2070	2041														
25	1793	1787	1745	1735	1697														
30	1436	1420	1383	1378	1349														
35	1117	1100	1069	1063	1047														
40	886	887	865	872	855														
45	569	551	511	495	457														
50	139	136	83.8	79.8	69.0														
55	36.3	35.4	33.3	32.8	31.3														
60	24.9	24.7	24.1	24.1	23.2														
65	18.6	18.5	18.2	18.1	17.5														
70	12.8	12.2	11.2	10.9	10.5														
75	8.99	8.85	8.62	8.51	8.36														
80	7.68	7.61	7.51	7.47	7.41														
85	6.99	6.92	6.84	6.79	6.72														
90	5.88	5.85	5.91	5.92	5.98														
95	6.41	6.42	6.49	6.50	6.57														
100	7.10	7.11	7.19	7.21	7.30														
105	7.92	7.93	8.03	8.05	8.15														
110	8.85	8.87	8.98	9.01	9.12														
115	9.92	9.95	10.1	10.1	10.2														
120	11.1	11.2	11.3	11.4	11.5														
125	12.5	12.5	12.7	12.7	12.9														
130	14.0	14.0	14.1	14.1	14.3														
135	15.4	15.4	15.5	15.6	15.7														
140	16.8	16.8	16.9	17.0	17.1														
145	18.0	18.1	18.1	18.2	18.2														
150	19.0	19.0	19.0	19.0	19.1														
155	19.8	19.8	19.9	19.9	19.9														
160	20.6	20.6	20.7	20.7	20.7														
165	21.3	21.4	21.4	21.4	21.4														
170	22.1	22.1	22.1	22.2	22.2														
175	22.8	22.8	22.9	22.9	22.9														
180	23.3	23.3	23.3	23.3	23.3														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-26

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: