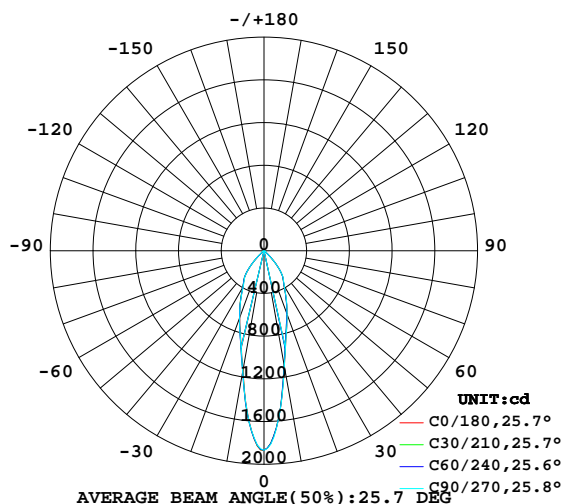


LUMINAIRE PHOTOMETRIC TEST REPORT

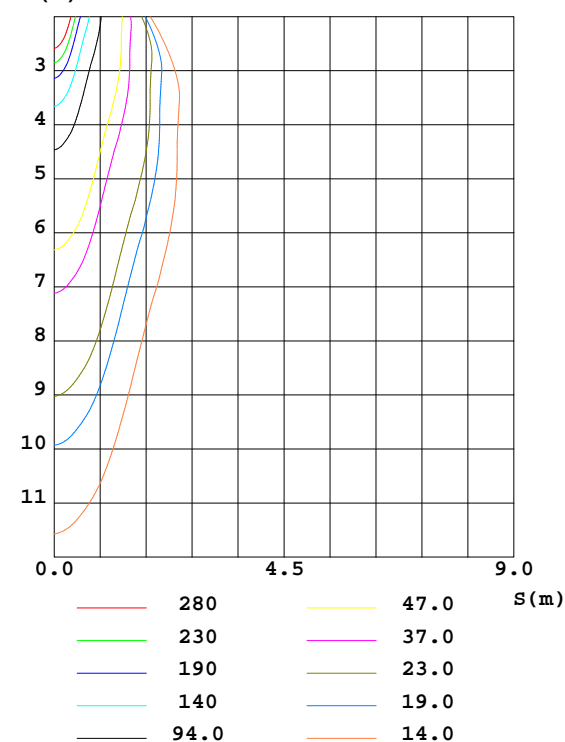
Test:U:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.92 lm/W			
MODEL	M031-11W-827-S-28	Imax(cd)	1868	S/MH(C0/180)	0.41
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	953.13	η UP,DN(C0-180)	1.2,48.3
NOMINAL FLUX(lm)	953.119	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.3
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.55

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	1104	1099	1100	1129	1136	1140	1151	1107	0- 10	136.1	136.1	14.3,14.3
20	632.5	628.2	634.9	654.3	665.2	667.4	667.3	647.0	10- 20	232.9	369.0	38.7,38.7
30	375.5	378.2	382.3	394.4	396.0	397.4	391.8	382.1	20- 30	232.6	601.5	63.1,63.1
40	222.1	217.6	221.9	221.9	225.0	231.6	229.4	221.3	30- 40	194.4	796.0	83.5,83.5
50	32.75	32.64	31.53	34.56	33.52	33.54	33.45	33.56	40- 50	85.23	881.2	92.5,92.5
60	16.65	16.52	16.15	16.59	16.21	16.28	16.55	16.69	50- 60	20.22	901.4	94.6,94.6
70	10.39	10.57	10.46	10.61	10.09	9.887	10.24	10.27	60- 70	13.14	914.5	96,96
80	7.524	7.997	7.683	7.842	7.263	6.991	7.400	7.200	70- 80	9.297	923.8	96.9,96.9
90	1.582	1.600	2.095	1.569	1.837	1.867	1.828	1.846	80- 90	6.283	930.1	97.6,97.6
100	1.727	1.750	1.718	1.728	2.140	2.132	2.132	2.133	90-100	1.970	932.1	97.8,97.8
110	2.220	2.240	2.217	2.209	2.589	2.579	2.586	2.599	100-110	2.273	934.4	98,98
120	2.969	2.979	2.965	2.925	3.250	3.239	3.252	3.275	110-120	2.710	937.1	98.3,98.3
130	4.028	4.039	4.019	3.975	4.217	4.207	4.216	4.263	120-130	3.206	940.3	98.7,98.7
140	5.260	5.271	5.248	5.211	5.367	5.359	5.368	5.413	130-140	3.647	943.9	99,99
150	6.082	6.089	6.079	6.065	6.156	6.148	6.150	6.181	140-150	3.602	947.5	99.4,99.4
160	6.652	6.660	6.663	6.667	6.735	6.725	6.730	6.741	150-160	2.962	950.5	99.7,99.7
170	7.041	7.047	7.056	7.070	7.098	7.093	7.115	7.109	160-170	1.951	952.4	99.9,99.9
180	7.230	7.238	7.241	7.254	7.240	7.238	7.246	7.254	170-180	0.6819	953.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

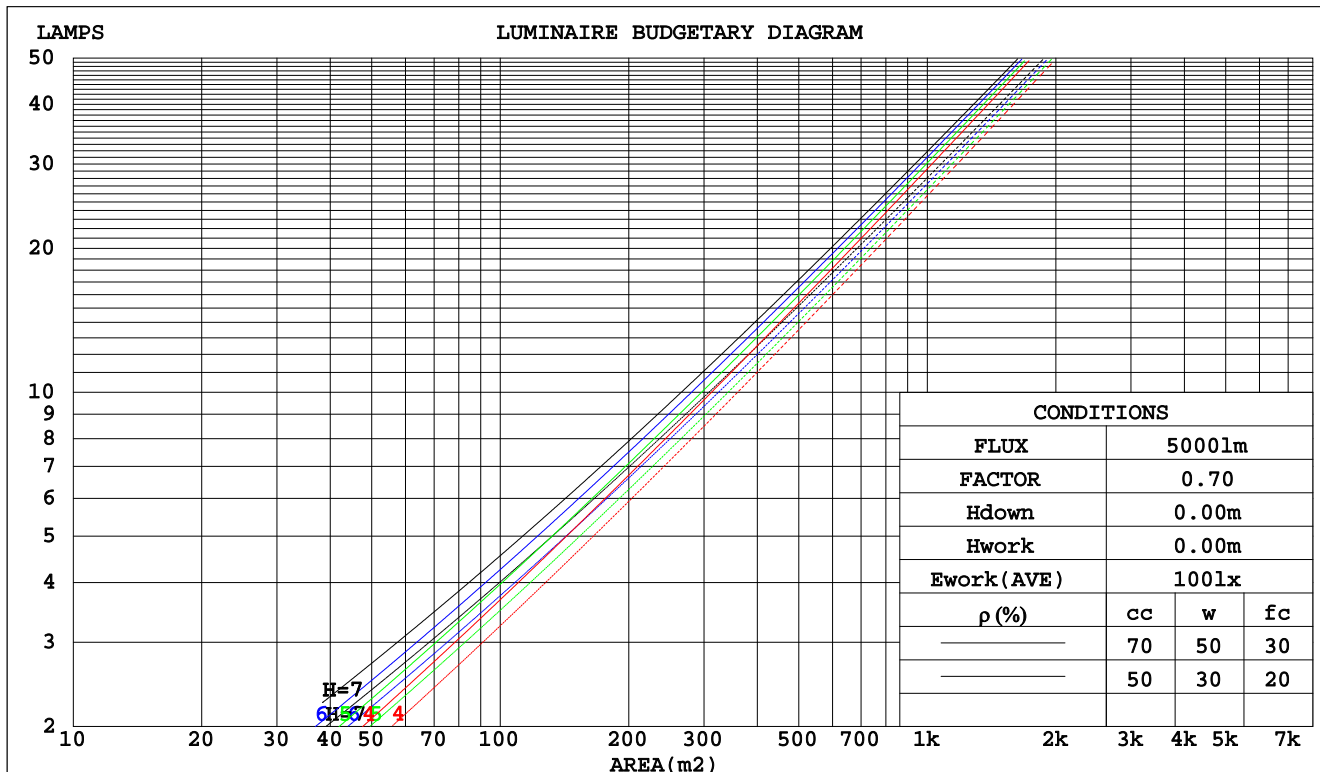
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 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	.89	.84	.92	.87	.83	.89	.85	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.76	.71	.81	.75	.71	.78	.74	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.57	.53	.50	.49



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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 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	.195	.111	.035	.188	.107	.034	.174	.100	.032	.161	.093	.030	.149	.086	.028	
2.0	.184	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.145	.082	.026	
3.0	.174	.092	.028	.168	.090	.027	.158	.086	.026	.148	.081	.025	.139	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022	
5.0	.155	.079	.023	.151	.078	.023	.143	.074	.022	.136	.072	.021	.129	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.124	.065	.019	
7.0	.140	.069	.020	.137	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.056	.016	.110	.055	.015	.106	.053	.015	

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						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	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.132	.107	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.107	.077	.126	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.054	.109	.073	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.079	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.070	.045	.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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 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	23.8	24.8	24.1	25.0	25.2	23.8	24.8	24.0	25.0	25.2	
	3H	23.9	24.8	24.2	25.0	25.2	23.8	24.7	24.1	25.0	25.2
	4H	23.9	24.8	24.3	25.1	25.3	23.9	24.8	24.3	25.0	25.3
	6H	24.1	24.9	24.4	25.2	25.5	24.1	24.9	24.4	25.2	25.5
	8H	24.2	25.0	24.6	25.3	25.6	24.2	25.0	24.6	25.3	25.6
	12H	24.4	25.2	24.8	25.5	25.8	24.4	25.2	24.8	25.5	25.8
4H	2H	23.6	24.5	24.0	24.7	25.0	23.6	24.5	23.9	24.7	25.0
	3H	23.8	24.5	24.2	24.8	25.2	23.8	24.5	24.1	24.8	25.2
	4H	24.0	24.7	24.4	25.0	25.4	24.0	24.6	24.4	25.0	25.3
	6H	24.3	24.9	24.7	25.3	25.7	24.3	24.9	24.7	25.3	25.7
	8H	24.6	25.1	25.0	25.5	25.9	24.6	25.1	25.0	25.5	25.9
	12H	24.9	25.4	25.4	25.8	26.3	24.9	25.4	25.4	25.8	26.3
8H	4H	24.0	24.6	24.4	25.0	25.4	24.0	24.6	24.4	24.9	25.4
	6H	24.5	25.0	25.0	25.4	25.9	24.5	25.0	25.0	25.4	25.9
	8H	24.9	25.3	25.4	25.8	26.3	24.9	25.3	25.4	25.8	26.3
	12H	25.5	25.8	26.0	26.3	26.8	25.4	25.8	26.0	26.3	26.8
12H	4H	24.0	24.5	24.5	24.9	25.4	24.0	24.5	24.5	24.9	25.4
	6H	24.6	25.0	25.1	25.4	25.9	24.6	25.0	25.1	25.4	25.9
	8H	25.1	25.4	25.6	25.9	26.4	25.0	25.4	25.6	25.9	26.4
Variations with the observer position at spacings:											
S = 1.0H	+ 1.6 / - 2.7					+ 1.7 / - 2.7					
1.5H	+ 3.4 / - 2.7					+ 3.4 / - 2.7					
2.0H	+ 3.3 / - 0.8					+ 3.2 / - 0.7					

CIE Pub.117 Corrected 953.1 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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

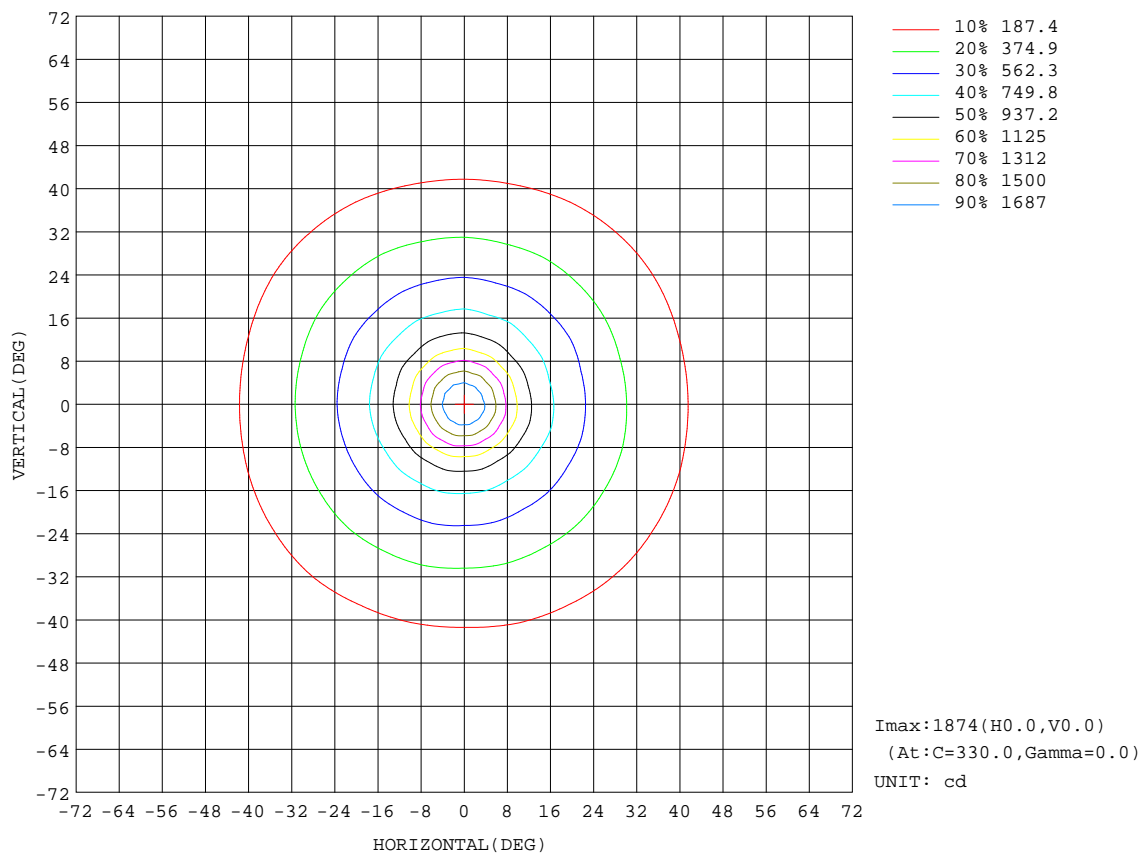
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	82	78	89	82	78	87	81	77	73
1.00	95	88	84	94	87	83	92	87	83	78
1.25	99	93	89	98	92	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	109	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: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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



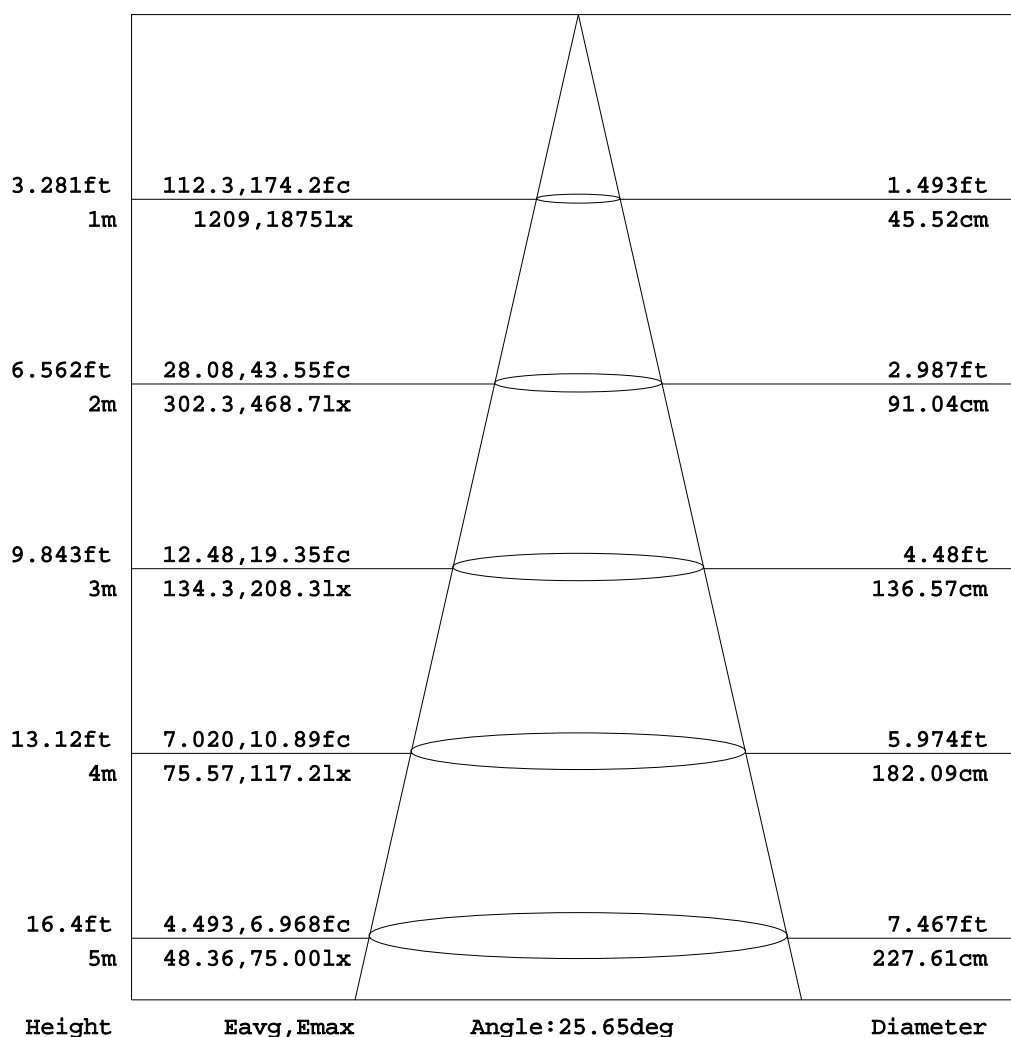
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:202.5 lm



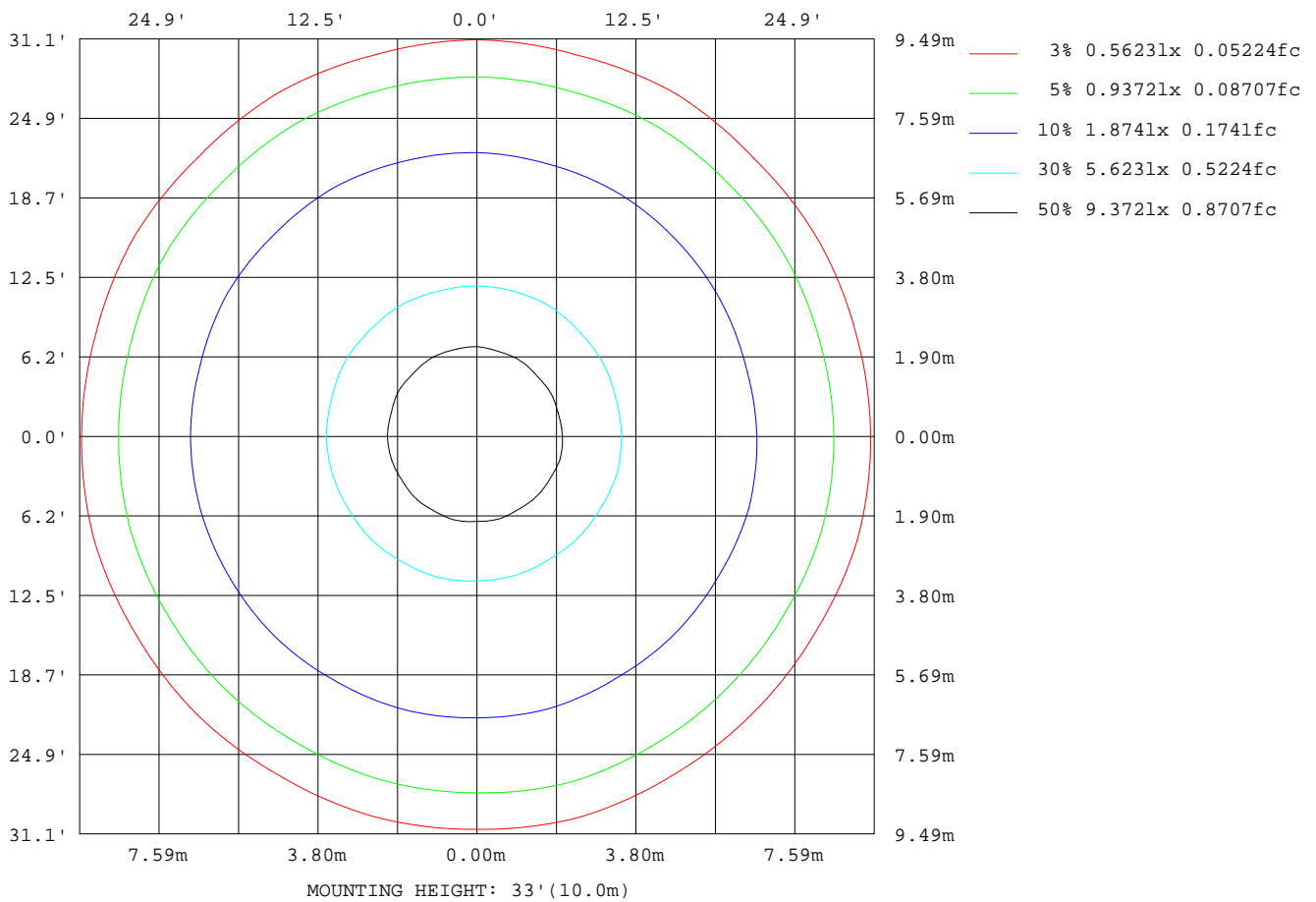
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

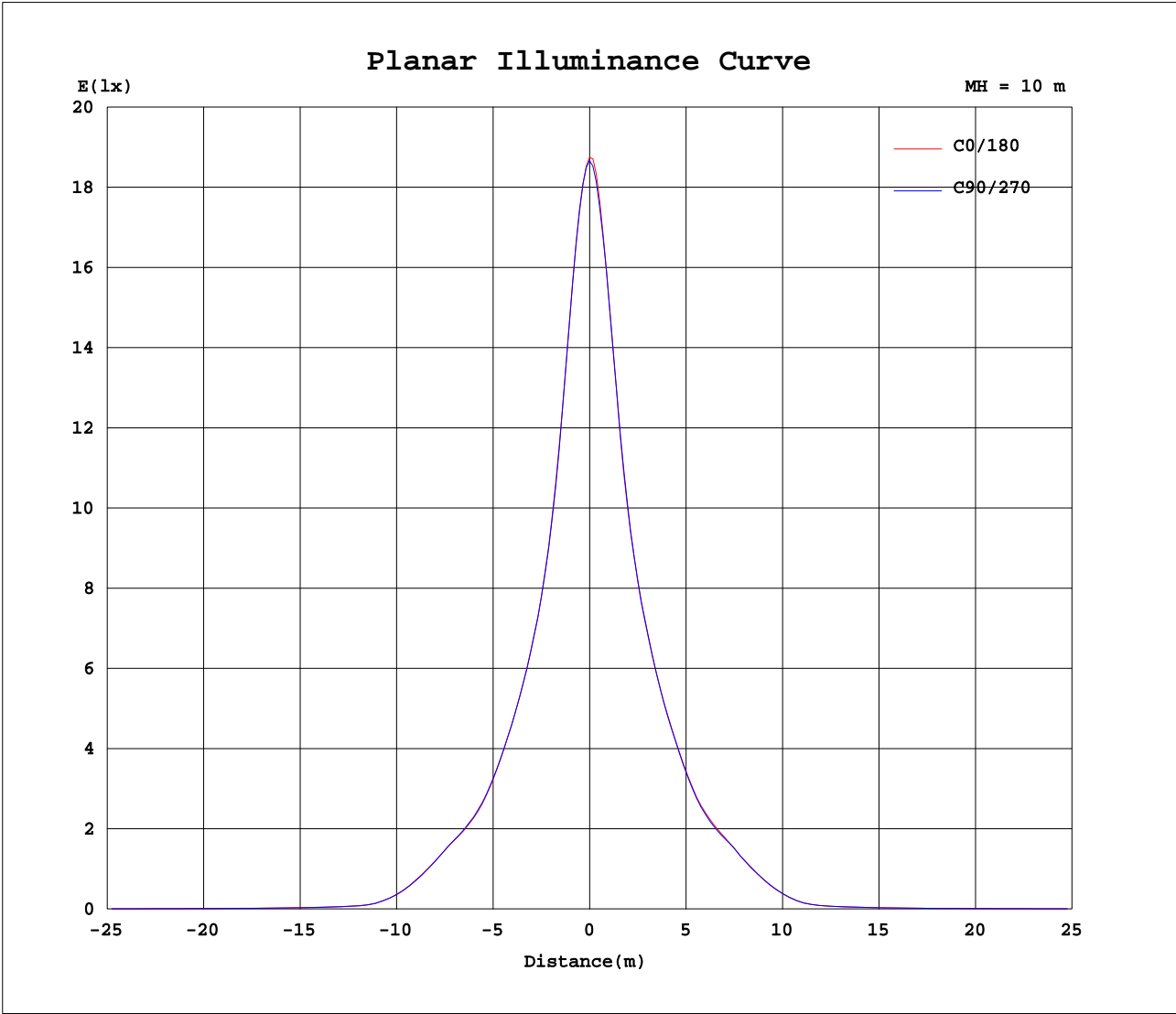
Test:U:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 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	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868	1868
5	1579	1588	1573	1585	1575	1594	1580	1599	1591	1605	1591	1604	1602	1591	1612	1595	1613	1598	1610
10	1104	1113	1092	1099	1089	1107	1100	1119	1112	1129	1121	1137	1136	1127	1147	1140	1154	1143	1151
15	807	813	798	800	794	806	809	821	814	829	825	842	846	844	855	844	857	851	853
20	633	635	625	628	624	634	635	646	644	654	653	663	665	663	673	667	673	665	667
25	491	494	489	492	489	495	496	505	505	514	513	520	521	518	527	522	524	518	520
30	375	379	377	378	377	382	382	389	389	394	394	398	396	395	401	397	398	391	392
35	312	315	310	310	310	316	315	318	316	321	320	325	324	323	328	325	327	322	320
40	222	223	218	218	220	226	222	222	219	222	223	227	225	226	233	232	234	229	229
45	104	104	98.3	97.9	97.6	104	102	105	101	109	107	110	107	105	108	103	108	105	109
50	32.8	32.9	32.1	32.6	31.7	31.4	31.5	33.1	33.7	34.6	33.7	34.3	33.5	32.8	34.0	33.5	34.1	33.1	33.5
55	22.1	21.9	21.5	21.5	21.2	21.0	21.2	21.8	22.0	22.2	21.9	22.1	21.8	21.2	21.5	21.4	21.7	21.7	22.1
60	16.6	16.6	16.5	16.5	16.4	16.3	16.1	16.4	16.5	16.6	16.4	16.4	16.2	16.1	16.3	16.3	16.5	16.5	16.5
65	13.4	13.4	13.4	13.5	13.4	13.3	13.3	13.4	13.4	13.4	13.3	13.2	13.0	12.9	13.1	13.0	13.2	13.2	13.2
70	10.4	10.5	10.5	10.6	10.5	10.5	10.5	10.6	10.6	10.6	10.4	10.3	10.1	9.92	9.95	9.89	10.1	10.1	10.2
75	8.78	8.94	9.07	9.09	8.98	8.96	8.96	9.08	9.08	9.10	8.93	8.73	8.54	8.37	8.35	8.29	8.41	8.53	8.62
80	7.52	7.78	7.93	8.00	7.86	7.74	7.68	7.77	7.80	7.84	7.79	7.46	7.26	7.04	6.99	6.99	7.17	7.32	7.40
85	6.46	6.72	6.87	6.93	6.78	6.61	6.49	6.54	6.57	6.65	6.66	6.30	6.15	5.89	5.85	5.92	6.19	6.29	6.39
90	1.58	1.57	1.59	1.60	1.62	1.57	2.09	1.57	1.59	1.57	1.69	1.58	1.84	1.84	1.83	1.87	1.88	1.84	1.83
95	1.60	1.61	1.60	1.64	1.62	1.61	1.60	1.61	1.59	1.62	1.63	1.62	1.97	1.95	1.96	1.96	1.98	1.95	1.96
100	1.73	1.73	1.74	1.75	1.73	1.74	1.72	1.73	1.72	1.73	1.72	1.73	2.14	2.13	2.14	2.13	2.14	2.12	2.13
105	1.94	1.94	1.94	1.96	1.95	1.94	1.93	1.94	1.92	1.93	1.93	1.93	2.35	2.33	2.35	2.34	2.34	2.33	2.34
110	2.22	2.23	2.23	2.24	2.23	2.23	2.22	2.22	2.20	2.21	2.20	2.20	2.59	2.58	2.59	2.58	2.59	2.58	2.59
115	2.56	2.57	2.57	2.58	2.57	2.56	2.56	2.55	2.54	2.53	2.53	2.52	2.89	2.88	2.88	2.88	2.88	2.88	2.89
120	2.97	2.97	2.98	2.98	2.98	2.97	2.96	2.95	2.94	2.93	2.93	2.91	3.25	3.24	3.25	3.24	3.24	3.24	3.25
125	3.45	3.45	3.47	3.46	3.46	3.44	3.45	3.42	3.42	3.40	3.40	3.38	3.69	3.68	3.68	3.68	3.68	3.68	3.69
130	4.03	4.02	4.05	4.04	4.05	4.02	4.02	4.00	4.00	3.97	3.97	3.95	4.22	4.21	4.21	4.21	4.20	4.22	4.22
135	4.67	4.66	4.68	4.68	4.68	4.66	4.66	4.64	4.63	4.61	4.61	4.59	4.81	4.80	4.80	4.80	4.79	4.80	4.81
140	5.26	5.25	5.27	5.27	5.27	5.25	5.25	5.23	5.23	5.21	5.21	5.19	5.37	5.36	5.36	5.36	5.35	5.36	5.37
145	5.73	5.73	5.74	5.75	5.74	5.73	5.73	5.71	5.71	5.70	5.69	5.68	5.81	5.80	5.80	5.80	5.80	5.80	5.81
150	6.08	6.07	6.09	6.09	6.09	6.08	6.08	6.07	6.06	6.07	6.05	6.04	6.16	6.14	6.15	6.15	6.15	6.15	6.15
155	6.38	6.38	6.40	6.39	6.39	6.39	6.39	6.38	6.38	6.38	6.38	6.37	6.46	6.45	6.45	6.45	6.45	6.46	6.46
160	6.65	6.65	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.67	6.65	6.65	6.73	6.72	6.73	6.72	6.73	6.73	6.73
165	6.87	6.87	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.89	6.88	6.88	6.94	6.93	6.95	6.94	6.95	6.94	6.94
170	7.04	7.04	7.05	7.05	7.05	7.06	7.06	7.06	7.06	7.07	7.06	7.06	7.10	7.09	7.11	7.09	7.11	7.10	7.12
175	7.14	7.14	7.15	7.15	7.15	7.16	7.16	7.16	7.16	7.17	7.16	7.16	7.19	7.17	7.19	7.18	7.19	7.19	7.19
180	7.23	7.23	7.24	7.24	7.24	7.24	7.24	7.24	7.25	7.25	7.25	7.25	7.24	7.23	7.24	7.24	7.24	7.24	7.25

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
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:226.4V I:0.0590A P:10.60W PF:0.7880 Lamp Flux:953.119x1 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	1868	1868	1868	1868	1868														
5	1583	1595	1577	1588	1571														
10	1125	1129	1107	1113	1097														
15	835	831	812	812	801														
20	658	662	647	645	635														
25	514	514	505	503	494														
30	387	387	382	380	376														
35	314	316	312	311	310														
40	223	227	221	223	220														
45	107	107	105	105	102														
50	33.2	33.9	33.6	33.9	32.9														
55	22.1	22.5	22.3	22.6	22.2														
60	16.5	16.7	16.7	16.9	16.7														
65	13.1	13.3	13.3	13.5	13.4														
70	10.2	10.3	10.3	10.4	10.4														
75	8.59	8.58	8.54	8.66	8.73														
80	7.34	7.26	7.20	7.34	7.43														
85	6.34	6.24	6.16	6.32	6.38														
90	1.84	1.83	1.85	1.88	1.85														
95	1.96	1.96	1.97	1.98	1.97														
100	2.13	2.14	2.13	2.15	2.15														
105	2.34	2.35	2.35	2.36	2.35														
110	2.59	2.60	2.60	2.61	2.61														
115	2.89	2.90	2.90	2.91	2.92														
120	3.26	3.27	3.28	3.28	3.29														
125	3.70	3.71	3.72	3.73	3.74														
130	4.24	4.24	4.26	4.27	4.29														
135	4.83	4.83	4.85	4.86	4.88														
140	5.38	5.39	5.41	5.41	5.44														
145	5.82	5.83	5.85	5.85	5.86														
150	6.16	6.17	6.18	6.18	6.19														
155	6.46	6.47	6.48	6.47	6.48														
160	6.73	6.74	6.74	6.74	6.74														
165	6.94	6.94	6.95	6.95	6.94														
170	7.10	7.11	7.11	7.10	7.10														
175	7.19	7.19	7.19	7.19	7.19														
180	7.24	7.25	7.25	7.25	7.25														

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
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: