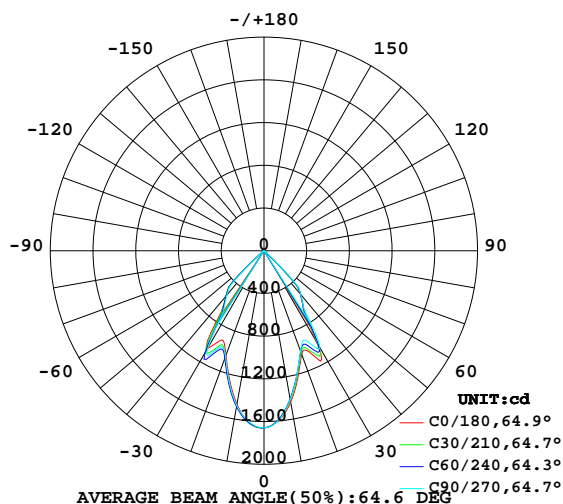


LUMINAIRE PHOTOMETRIC TEST REPORT

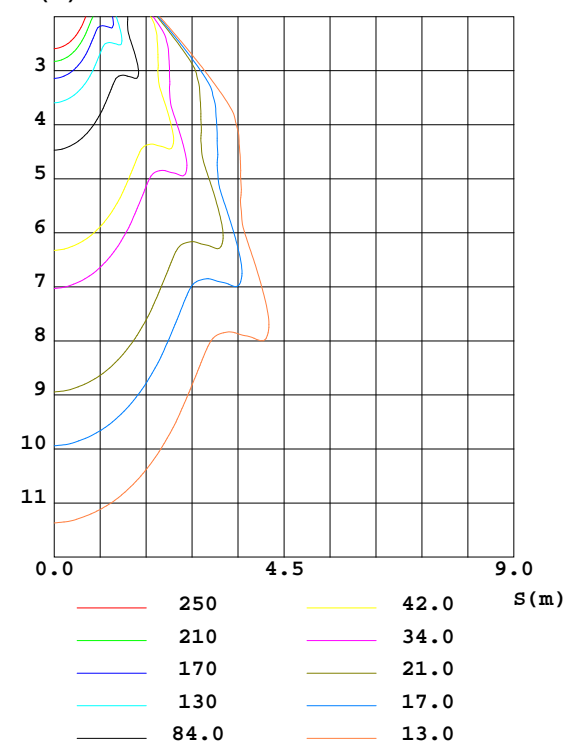
Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.64 lm/W			
MODEL	BL07-20W-850-W-60	Imax(cd)	1659	S/MH(C0/180)	0.76
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.73
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1729.8	η UP,DN(C0-180)	1.3,48.0
NOMINAL FLUX(lm)	1729.79	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.4
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	η down(%)	97.3	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:QiuMing
 Test Date:2015-12-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:5.920m [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	1440	1420	1416	1435	1458	1474	1470	1455	0- 10	147.9	147.9	8.55,8.55
20	1034	1017	1002	1013	1041	1063	1054	1042	10- 20	344.1	492.0	28.4,28.4
30	989.4	1029	1051	1012	1055	1100	1057	975.7	20- 30	472.7	964.8	55.8,55.8
40	531.2	537.3	535.9	546.1	554.9	553.4	539.5	531.1	30- 40	442.0	1407	81.3,81.3
50	37.83	37.47	39.67	41.75	40.23	43.38	38.39	36.81	40- 50	232.0	1639	94.7,94.7
60	16.61	17.38	17.73	19.14	19.20	18.20	17.36	16.91	50- 60	24.55	1663	96.2,96.2
70	4.640	5.229	5.891	6.765	7.225	6.600	5.997	4.973	60- 70	11.27	1675	96.8,96.8
80	3.813	3.845	4.004	4.315	4.606	4.481	4.168	3.998	70- 80	4.647	1679	97.1,97.1
90	3.106	3.039	3.299	4.327	4.762	4.415	3.236	3.323	80- 90	4.533	1684	97.3,97.3
100	3.811	3.824	3.745	3.624	3.988	4.061	4.073	4.170	90-100	3.830	1688	97.6,97.6
110	4.962	5.122	5.031	4.937	5.339	5.430	5.319	5.361	100-110	4.805	1692	97.8,97.8
120	6.352	6.482	6.412	6.205	6.709	6.777	6.698	6.659	110-120	5.793	1698	98.2,98.2
130	8.138	8.263	8.127	7.809	8.351	8.460	8.398	8.313	120-130	6.582	1705	98.6,98.6
140	10.11	10.27	10.06	9.645	10.03	10.27	10.26	10.20	130-140	7.076	1712	99,99
150	12.06	12.05	11.69	11.21	11.38	11.79	12.00	12.07	140-150	6.886	1719	99.4,99.4
160	13.69	13.37	13.05	12.45	12.39	12.77	13.12	13.55	150-160	5.728	1724	99.7,99.7
170	16.47	15.24	14.58	13.86	13.64	14.14	14.77	16.15	160-170	3.918	1728	99.9,99.9
180	14.70	14.14	14.22	14.55	14.75	14.12	14.24	14.53	170-180	1.413	1730	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

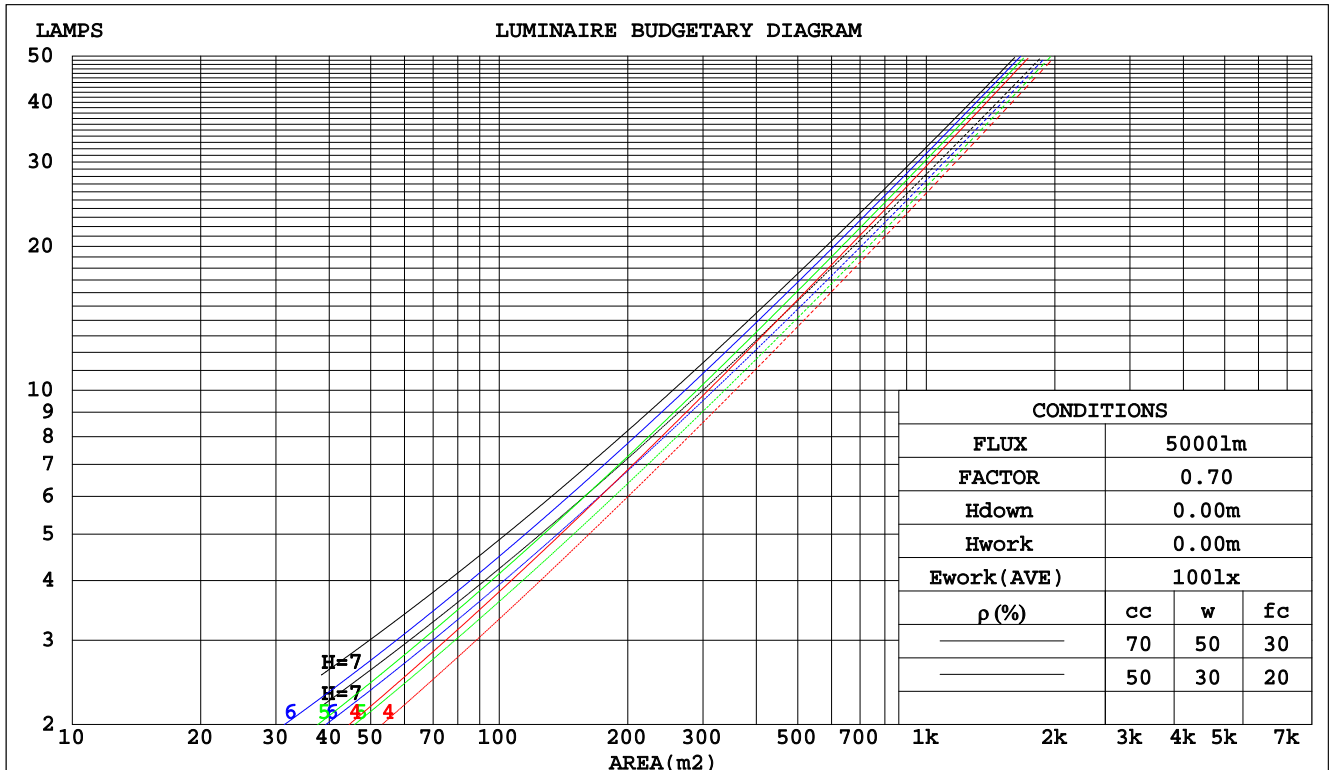
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 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															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 5.920m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 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	.197	.112	.035	.189	.108	.034	.175	.100	.032	.162	.093	.030	.150	.087	.028		
2.0	.189	.104	.032	.183	.101	.031	.170	.095	.029	.159	.089	.028	.149	.084	.027		
3.0	.181	.096	.029	.175	.094	.028	.164	.089	.027	.155	.085	.026	.145	.081	.025		
4.0	.172	.089	.026	.167	.087	.026	.158	.084	.025	.149	.080	.024	.141	.077	.023		
5.0	.164	.084	.024	.160	.082	.024	.151	.079	.023	.144	.076	.023	.137	.073	.022		
6.0	.156	.078	.022	.152	.077	.022	.145	.074	.022	.138	.072	.021	.132	.069	.021		
7.0	.149	.074	.021	.146	.073	.021	.139	.070	.020	.133	.068	.020	.127	.066	.019		
8.0	.142	.070	.020	.139	.069	.019	.133	.067	.019	.128	.065	.019	.122	.063	.018		
9.0	.136	.066	.018	.133	.065	.018	.128	.063	.018	.123	.062	.018	.118	.060	.017		
10.0	.130	.062	.017	.128	.062	.017	.123	.060	.017	.118	.059	.017	.114	.057	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.193	.178	.164	.165	.152	.141	.113	.105	.097	.065	.061	.057	.021	.020	.018	
2.0	.179	.153	.131	.153	.132	.113	.105	.091	.079	.061	.053	.046	.019	.017	.015	
3.0	.168	.134	.108	.144	.116	.093	.099	.081	.065	.057	.047	.039	.018	.015	.013	
4.0	.159	.120	.091	.136	.104	.079	.094	.072	.055	.054	.042	.033	.017	.014	.011	
5.0	.151	.109	.078	.129	.094	.068	.089	.066	.048	.052	.039	.028	.017	.013	.009	
6.0	.144	.100	.068	.124	.086	.059	.085	.061	.042	.049	.036	.025	.016	.012	.008	
7.0	.138	.093	.061	.118	.080	.053	.082	.056	.038	.048	.033	.022	.015	.011	.007	
8.0	.132	.087	.055	.114	.075	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
9.0	.127	.082	.051	.109	.071	.044	.076	.050	.031	.044	.029	.019	.014	.010	.006	
10.0	.123	.077	.047	.106	.067	.041	.073	.047	.029	.043	.028	.017	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 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	19.5	20.5	19.8	20.8	21.0	19.8	20.8	20.0	21.0	21.2	
	3H	19.3	20.3	19.6	20.5	20.8	19.6	20.5	19.9	20.8	21.0
	4H	19.2	20.1	19.6	20.4	20.7	19.5	20.4	19.8	20.7	20.9
	6H	19.2	20.0	19.5	20.3	20.6	19.4	20.2	19.8	20.5	20.8
	8H	19.1	19.9	19.5	20.2	20.5	19.4	20.2	19.7	20.5	20.8
	12H	19.1	19.9	19.5	20.2	20.5	19.3	20.1	19.7	20.4	20.8
4H	2H	19.2	20.1	19.6	20.4	20.7	19.5	20.4	19.8	20.7	20.9
	3H	19.1	19.8	19.4	20.1	20.5	19.3	20.1	19.7	20.4	20.7
	4H	19.0	19.7	19.4	20.0	20.4	19.2	19.9	19.6	20.3	20.6
	6H	18.9	19.5	19.3	19.9	20.3	19.1	19.8	19.6	20.1	20.5
	8H	18.9	19.4	19.3	19.8	20.2	19.1	19.7	19.6	20.1	20.5
	12H	18.8	19.4	19.3	19.8	20.2	19.1	19.6	19.6	20.0	20.5
8H	4H	18.8	19.4	19.3	19.8	20.2	19.1	19.6	19.5	20.0	20.5
	6H	18.8	19.2	19.2	19.7	20.1	19.0	19.5	19.5	19.9	20.4
	8H	18.7	19.1	19.2	19.6	20.1	19.0	19.4	19.5	19.9	20.4
	12H	18.7	19.1	19.3	19.6	20.1	19.0	19.3	19.5	19.8	20.4
12H	4H	18.8	19.3	19.2	19.7	20.2	19.0	19.5	19.5	20.0	20.4
	6H	18.7	19.1	19.2	19.6	20.1	19.0	19.4	19.5	19.8	20.3
	8H	18.7	19.0	19.2	19.5	20.1	19.0	19.3	19.5	19.8	20.3
Variations with the observer position at spacings:											
S = 1.0H	+ 3.6 / -10.3					+ 3.6 / -10.1					
1.5H	+ 3.9 / - 9.5					+ 3.7 / - 9.5					
2.0H	+ 8.1 / - 4.9					+ 8.6 / - 5.6					

CIE Pub.117 Corrected 1730 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

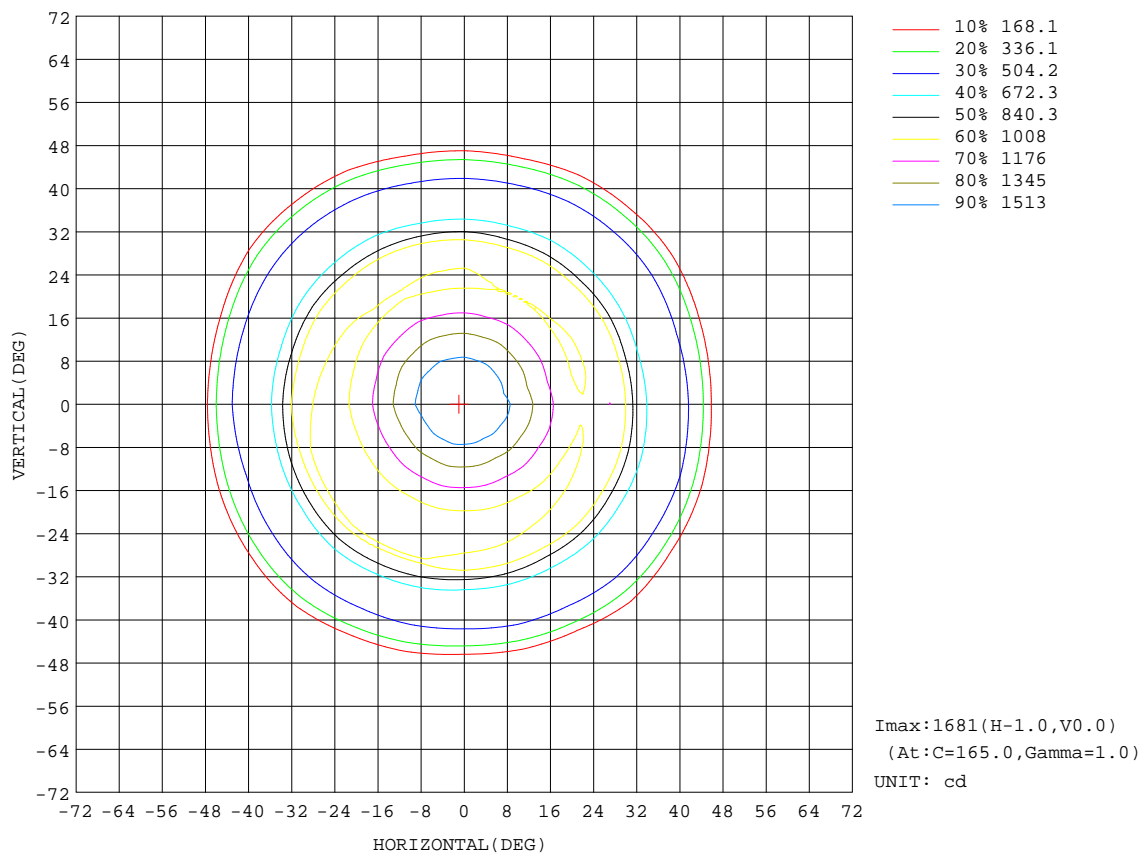
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	67	63
0.80	88	81	77	87	81	77	86	80	76	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	96	93	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	110	106	102	107	104	101	104	101	99	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:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



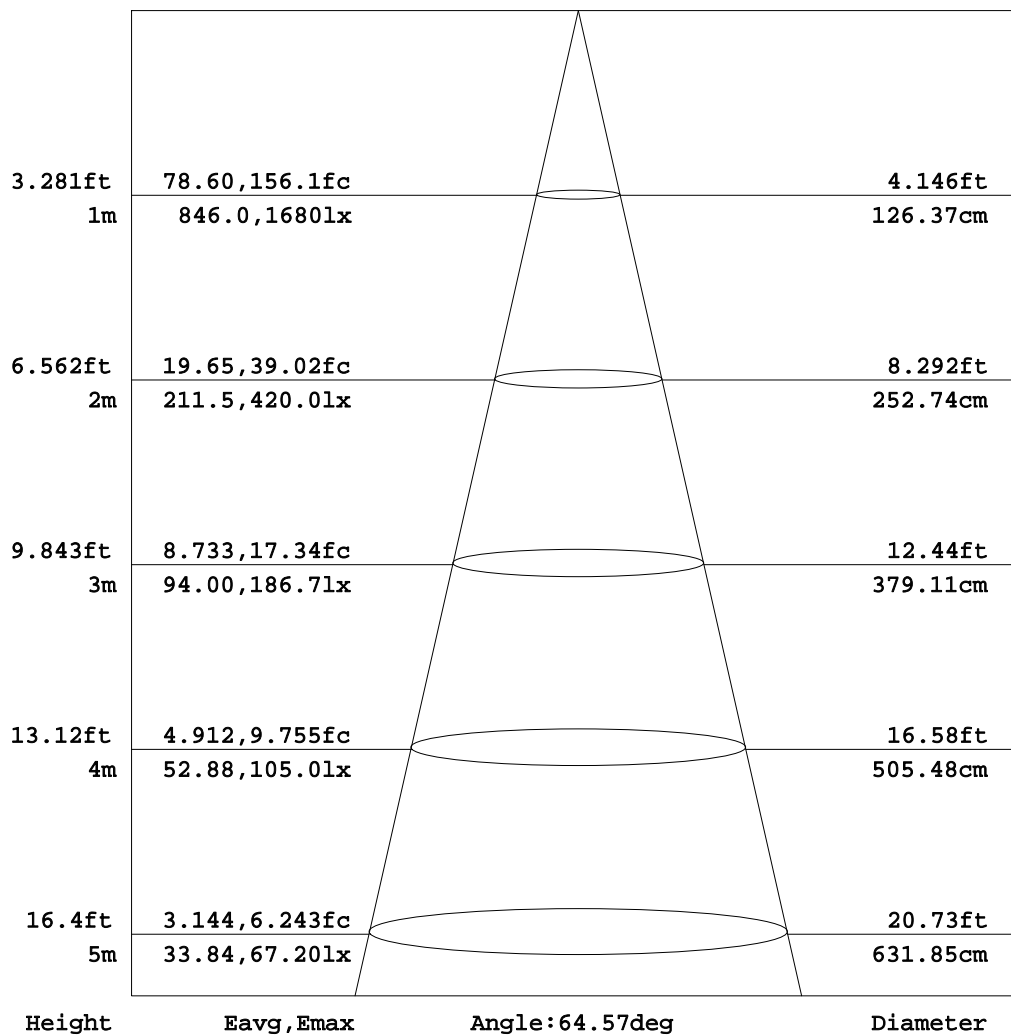
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1121 lm



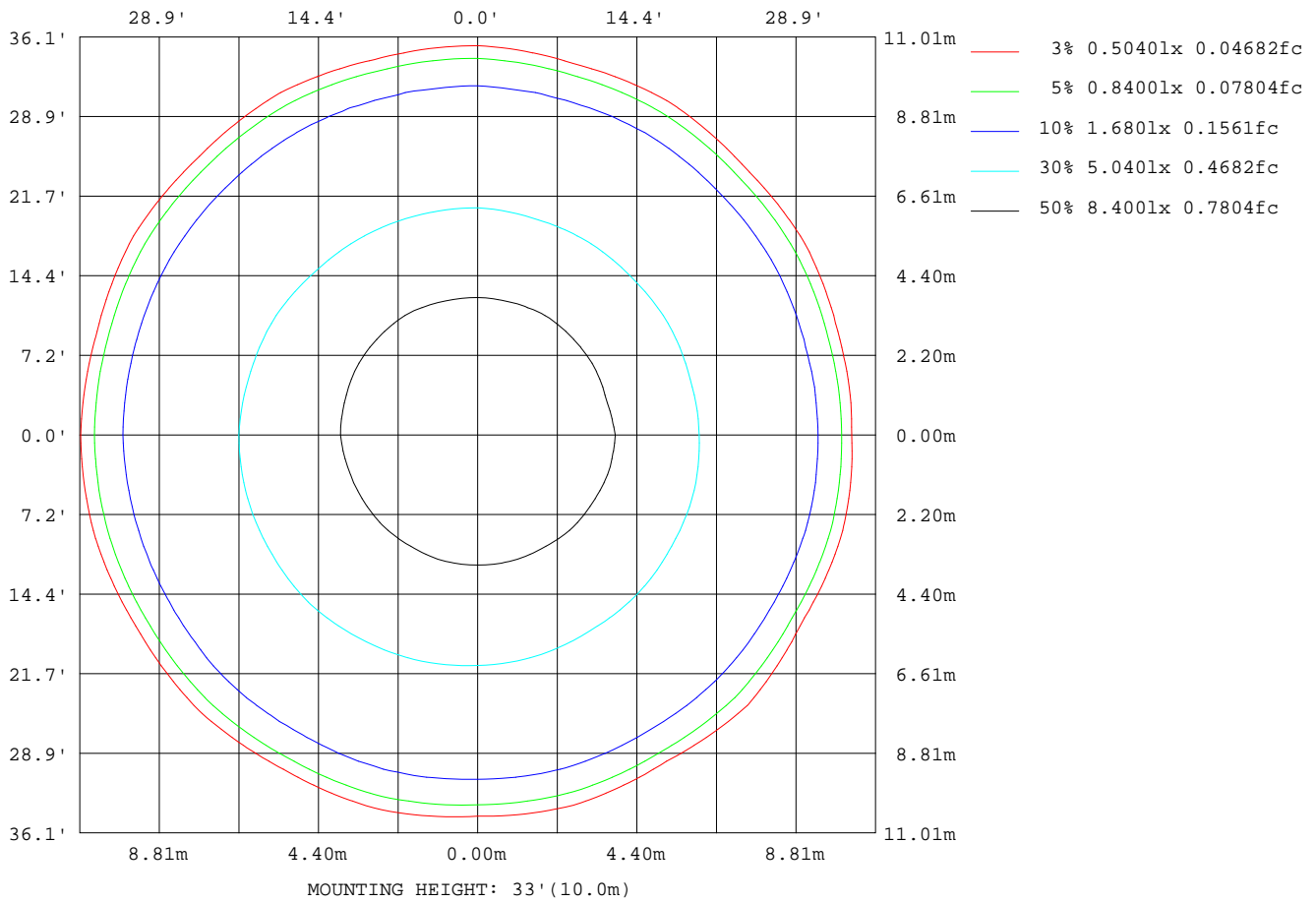
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

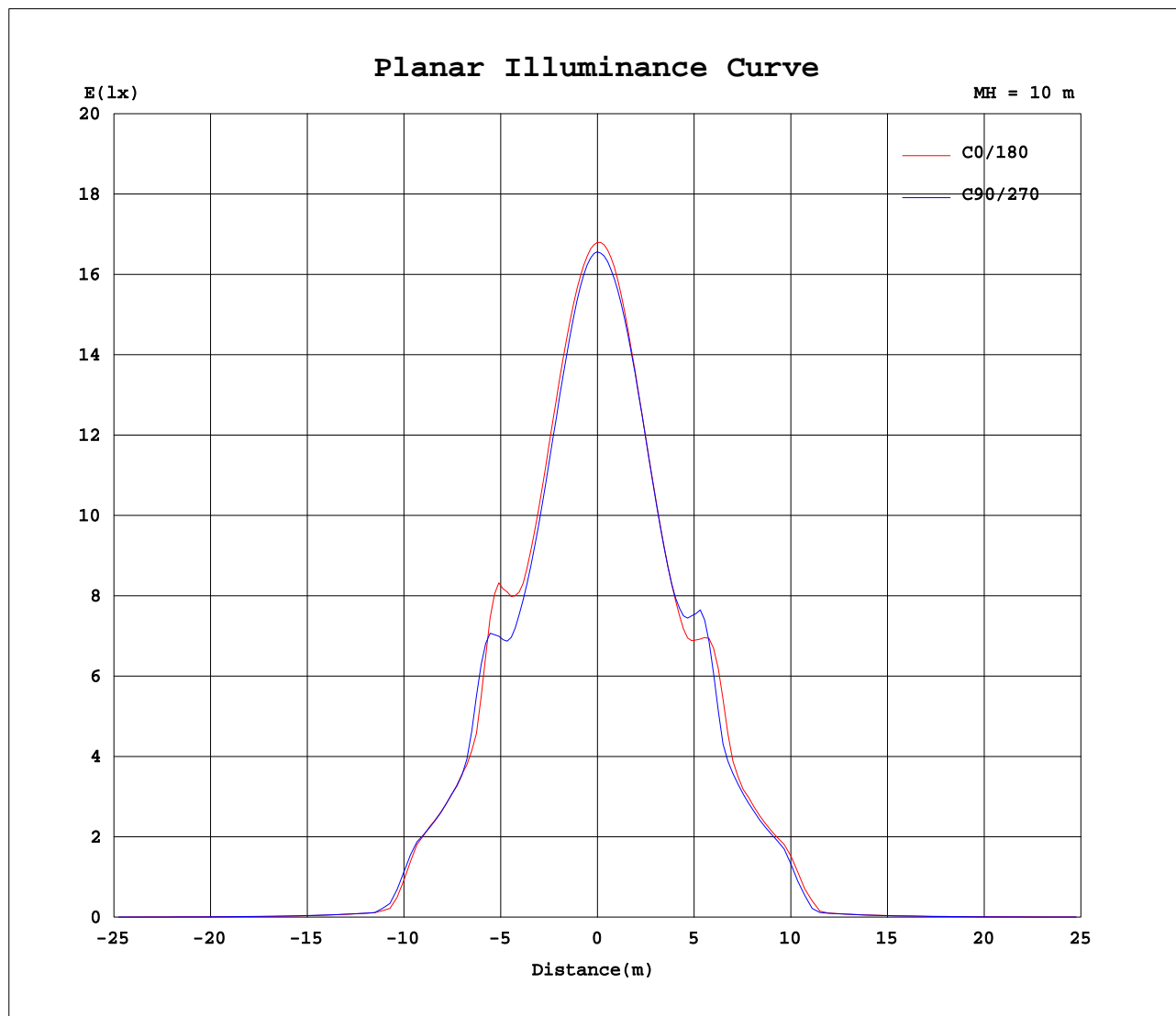
Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 5.920m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 5.920m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 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	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659	1659
5	1594	1594	1588	1589	1585	1589	1590	1599	1599	1607	1608	1615	1616	1613	1620	1615	1617	1610	1609
10	1440	1437	1423	1420	1409	1413	1416	1424	1423	1435	1439	1453	1458	1461	1476	1474	1482	1472	1470
15	1227	1228	1208	1210	1195	1200	1198	1209	1205	1221	1225	1243	1250	1251	1273	1272	1282	1269	1265
20	1034	1032	1019	1017	1005	1005	1002	1007	1003	1013	1019	1033	1041	1043	1061	1063	1073	1058	1054
25	1074	1052	1038	1015	986	946	924	906	894	889	890	900	922	950	976	1027	1034	1010	1002
30	989	1017	1004	1029	1022	1041	1051	1021	1018	1012	1023	1027	1055	1073	1099	1100	1108	1082	1057
35	639	648	644	642	639	645	644	664	678	707	691	707	699	680	678	671	671	657	652
40	531	534	533	537	535	538	536	541	541	546	545	550	555	553	556	553	553	543	539
45	258	272	259	282	282	313	320	357	363	395	399	421	427	424	433	417	414	384	376
50	37.8	38.7	37.8	37.5	37.6	38.7	39.7	41.4	41.3	41.8	42.7	41.7	40.2	40.4	41.5	43.4	42.2	39.4	38.4
55	26.1	27.4	27.2	27.7	27.7	28.3	27.9	28.6	27.7	28.1	28.2	28.1	27.4	26.7	26.5	26.1	26.2	25.6	25.7
60	16.6	17.1	16.9	17.4	17.5	17.8	17.7	18.5	18.4	19.1	19.3	19.5	19.2	18.7	18.7	18.2	18.3	17.5	17.4
65	9.89	10.2	10.2	10.6	10.8	11.2	11.2	11.6	11.6	12.3	12.4	12.8	12.7	12.3	12.4	11.8	11.7	11.2	11.2
70	4.64	4.90	4.85	5.23	5.43	5.78	5.89	6.28	6.32	6.77	6.81	7.18	7.22	6.94	6.96	6.60	6.48	6.08	6.00
75	3.83	3.83	3.85	3.88	3.92	3.97	4.05	4.16	4.30	4.41	4.52	4.55	4.67	4.66	4.61	4.53	4.42	4.29	4.16
80	3.81	3.81	3.82	3.85	3.87	3.92	4.00	4.10	4.21	4.31	4.43	4.46	4.61	4.59	4.55	4.48	4.39	4.29	4.17
85	3.87	3.86	3.86	3.86	3.89	3.93	4.01	4.08	4.20	4.30	4.40	4.45	4.65	4.64	4.60	4.54	4.45	4.36	4.25
90	3.11	3.09	3.08	3.04	3.04	3.04	3.30	3.97	4.08	4.33	4.42	4.51	4.76	4.71	4.65	4.42	4.16	3.29	3.24
95	3.41	3.40	3.39	3.36	3.35	3.31	3.30	3.26	3.25	3.22	3.23	3.21	3.52	3.53	3.54	3.56	3.57	3.60	3.60
100	3.81	3.79	3.84	3.82	3.82	3.76	3.75	3.68	3.67	3.62	3.64	3.61	3.99	4.01	4.02	4.06	4.06	4.10	4.07
105	4.37	4.37	4.42	4.49	4.48	4.42	4.39	4.32	4.30	4.26	4.27	4.24	4.68	4.70	4.71	4.76	4.76	4.78	4.69
110	4.96	5.02	5.06	5.12	5.13	5.07	5.03	4.97	4.96	4.94	4.95	4.91	5.34	5.38	5.38	5.43	5.42	5.43	5.32
115	5.62	5.67	5.74	5.75	5.77	5.72	5.68	5.62	5.58	5.55	5.57	5.51	6.00	6.05	6.03	6.07	6.06	6.05	5.98
120	6.35	6.41	6.48	6.48	6.50	6.44	6.41	6.34	6.29	6.20	6.22	6.17	6.71	6.75	6.74	6.78	6.77	6.76	6.70
125	7.17	7.21	7.31	7.30	7.32	7.25	7.21	7.13	7.07	6.96	6.96	6.93	7.50	7.55	7.54	7.58	7.57	7.57	7.50
130	8.14	8.18	8.29	8.26	8.27	8.18	8.13	8.03	7.94	7.81	7.80	7.78	8.35	8.42	8.42	8.46	8.47	8.47	8.40
135	9.12	9.15	9.28	9.26	9.25	9.16	9.09	8.97	8.86	8.72	8.71	8.70	9.19	9.28	9.31	9.36	9.37	9.38	9.31
140	10.1	10.2	10.3	10.3	10.3	10.2	10.1	9.92	9.78	9.64	9.64	9.64	10.0	10.1	10.2	10.3	10.3	10.3	10.3
145	11.1	11.2	11.3	11.2	11.2	11.1	11.0	10.8	10.7	10.5	10.5	10.5	10.8	10.9	11.0	11.1	11.2	11.2	11.2
150	12.1	12.2	12.1	12.1	12.0	11.8	11.7	11.5	11.3	11.2	11.2	11.2	11.4	11.5	11.7	11.8	11.9	12.0	12.0
155	12.8	12.9	12.8	12.7	12.6	12.4	12.4	12.2	12.0	11.8	11.8	11.8	11.8	12.0	12.1	12.3	12.4	12.5	12.5
160	13.7	13.6	13.5	13.4	13.2	13.1	13.0	12.8	12.6	12.4	12.4	12.4	12.4	12.5	12.7	12.8	12.9	13.1	13.1
165	14.9	14.7	14.5	14.4	14.1	13.9	13.9	13.7	13.4	13.2	13.2	13.2	13.0	13.1	13.2	13.4	13.6	13.8	13.8
170	16.5	16.1	15.6	15.2	14.8	14.6	14.6	14.3	14.0	13.9	14.0	14.1	13.6	13.7	14.0	14.1	14.4	14.7	14.8
175	15.8	15.5	15.1	14.8	14.5	14.3	14.3	14.2	14.1	14.1	14.2	14.3	13.9	13.9	14.1	14.2	14.5	14.6	14.6
180	14.7	14.5	14.3	14.1	14.1	14.1	14.2	14.3	14.4	14.6	14.7	15.0	14.8	14.5	14.3	14.1	14.1	14.1	14.2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0840A P:17.90W PF:0.9390 Lamp Flux:1729.79x1 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	1659	1659	1659	1659	1659														
5	1604	1606	1600	1599	1593														
10	1462	1465	1455	1451	1436														
15	1253	1261	1245	1242	1227														
20	1048	1053	1042	1040	1028														
25	1056	1083	1087	1070	1078														
30	1019	1014	976	990	982														
35	646	646	645	645	638														
40	537	537	531	531	528														
45	342	331	292	289	260														
50	38.4	37.9	36.8	37.4	37.3														
55	25.5	25.8	25.7	26.2	25.7														
60	17.1	17.1	16.9	17.3	16.6														
65	10.8	10.6	10.2	10.4	9.90														
70	5.62	5.36	4.97	4.99	4.70														
75	4.08	4.02	3.98	3.94	3.91														
80	4.09	4.03	4.00	3.95	3.94														
85	4.19	4.14	4.12	4.07	4.07														
90	3.28	3.29	3.32	3.32	3.35														
95	3.64	3.66	3.70	3.71	3.74														
100	4.11	4.11	4.17	4.18	4.21														
105	4.72	4.68	4.77	4.78	4.82														
110	5.35	5.28	5.36	5.38	5.44														
115	5.99	5.92	5.97	6.00	6.06														
120	6.70	6.63	6.66	6.68	6.77														
125	7.50	7.43	7.44	7.45	7.56														
130	8.38	8.32	8.31	8.32	8.45														
135	9.27	9.22	9.22	9.24	9.36														
140	10.2	10.1	10.2	10.2	10.3														
145	11.1	11.1	11.2	11.2	11.3														
150	12.1	12.0	12.1	12.1	12.1														
155	12.7	12.7	12.7	12.7	12.8														
160	13.3	13.5	13.6	13.6	13.7														
165	14.0	14.4	14.6	14.7	14.8														
170	15.1	15.6	16.2	16.4	16.5														
175	14.8	15.0	15.4	15.7	15.8														
180	14.3	14.4	14.5	14.8	15.0														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2015-12-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:5.920m [K=1.0000]
Remarks: