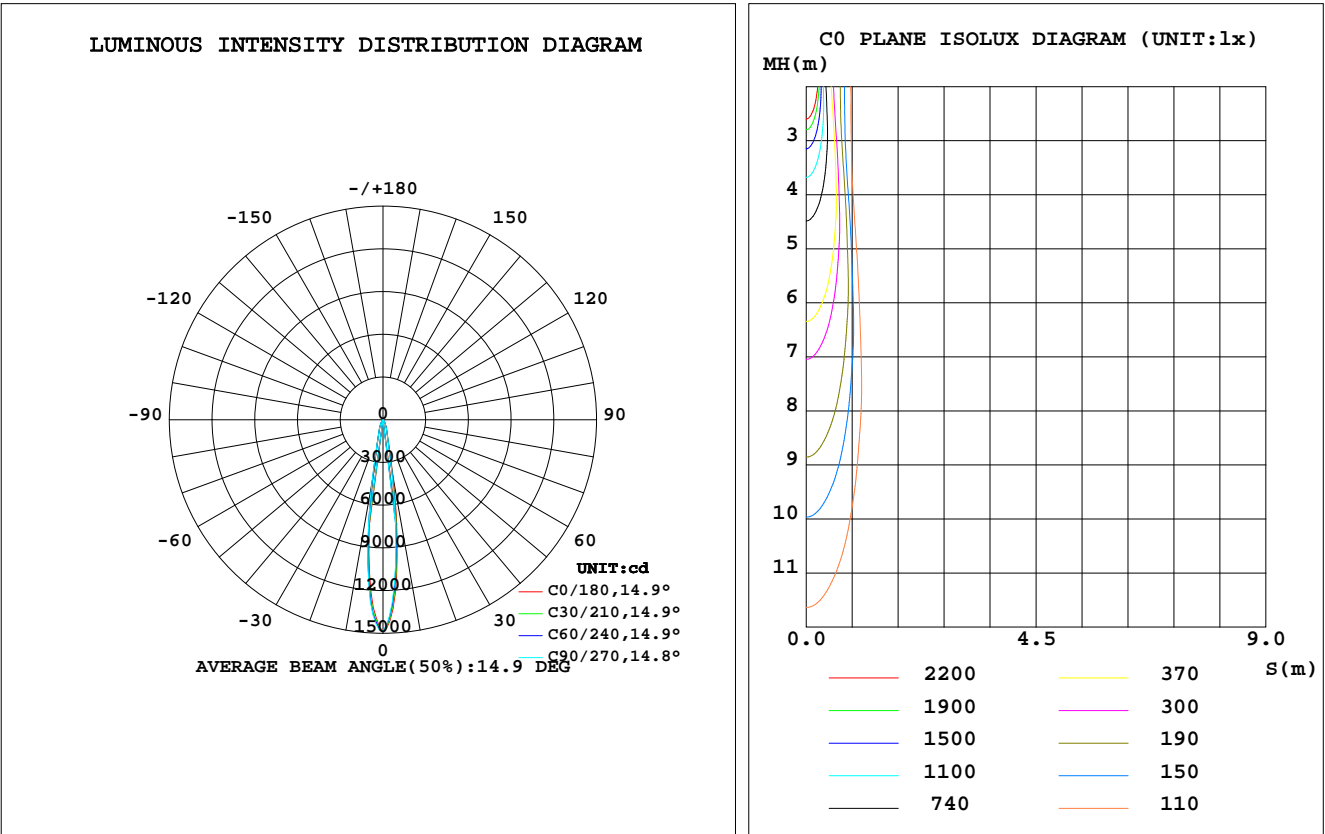


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.17 lm/W			
MODEL	DL08-20W-930-W-15-02	Imax(cd)	14835	S/MH(C0/180)	0.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.24
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1712.0	η UP,DN(C0-180)	1.3,47.0
NOMINAL FLUX(lm)	1711.96	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,50.3
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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	395.3	375.8	338.1	365.4	393.4	407.6	448.0	412.2	0- 10	802.2	802.2	46.9,46.9
20	76.23	76.40	73.93	75.92	77.54	78.37	79.86	77.14	10- 20	424.2	1226	71.6,71.6
30	30.44	30.28	29.25	30.05	30.95	31.51	31.97	30.86	20- 30	229.8	1456	85.1,85.1
40	11.46	11.32	11.00	11.29	11.59	11.85	11.97	11.60	30- 40	118.6	1575	92,92
50	4.254	4.097	3.913	3.992	4.103	4.207	4.404	4.275	40- 50	57.05	1632	95.3,95.3
60	0.7322	0.7446	0.7796	0.7633	0.7383	0.7355	0.7263	0.7273	50- 60	17.99	1650	96.4,96.4
70	0.5471	0.5483	0.5502	0.5544	0.5357	0.5374	0.5328	0.5350	60- 70	6.060	1656	96.7,96.7
80	0.5378	0.5429	0.5404	0.5506	0.5368	0.5358	0.5358	0.5201	70- 80	5.712	1662	97.1,97.1
90	0.3436	0.3684	0.3477	0.3611	0.4252	0.4322	0.4405	0.4127	80- 90	5.169	1667	97.4,97.4
100	0.2336	0.2962	0.2429	0.2916	0.4716	0.4761	0.4703	0.4337	90-100	4.068	1671	97.6,97.6
110	0.3487	0.3951	0.3590	0.3713	0.4812	0.4774	0.4732	0.4740	100-110	4.310	1675	97.8,97.8
120	0.4360	0.4493	0.4373	0.4432	0.5293	0.5254	0.5196	0.5211	110-120	4.464	1680	98.1,98.1
130	0.7057	0.7173	0.7240	0.7145	0.7673	0.7587	0.7447	0.7543	120-130	5.174	1685	98.4,98.4
140	1.156	1.162	1.169	1.160	1.176	1.171	1.161	1.169	130-140	7.420	1692	98.8,98.8
150	1.330	1.332	1.335	1.330	1.353	1.351	1.347	1.350	140-150	7.943	1700	99.3,99.3
160	1.423	1.424	1.427	1.424	1.431	1.429	1.427	1.429	150-160	6.407	1707	99.7,99.7
170	1.445	1.445	1.445	1.448	1.456	1.455	1.458	1.458	160-170	4.105	1711	99.9,99.9
180	1.277	1.281	1.289	1.296	1.278	1.281	1.289	1.296	170-180	1.328	1712	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

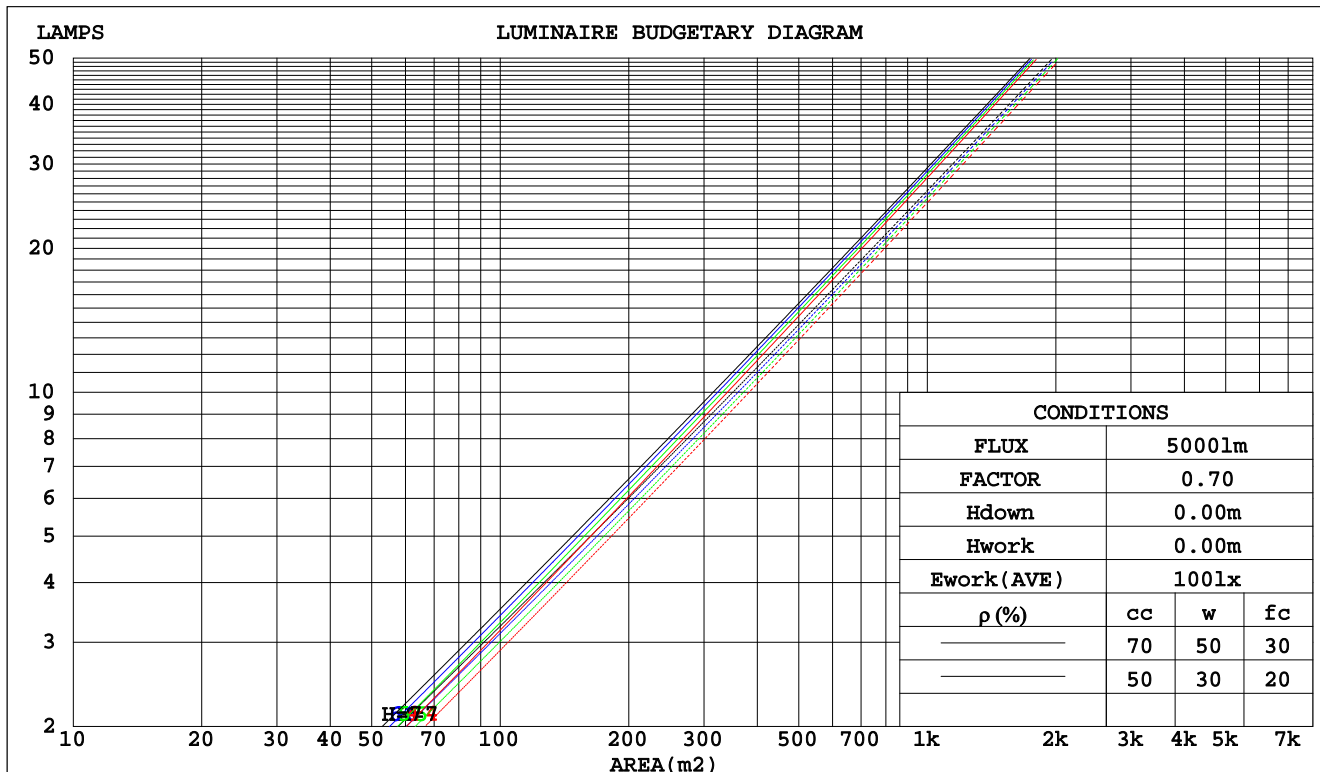
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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:226.5V I:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.96	.94
2.0	1.06	1.03	1.00	1.04	1.02	.99	1.01	.99	.97	.98	.96	.94	.95	.93	.92	.90
3.0	1.01	.98	.95	.00	.97	.94	.97	.94	.92	.94	.92	.90	.92	.90	.89	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.87	.86	.84
5.0	.94	.89	.86	.93	.89	.86	.91	.87	.85	.89	.86	.84	.87	.85	.83	.82
6.0	.91	.86	.83	.90	.86	.83	.88	.85	.82	.87	.84	.81	.85	.83	.81	.79
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.81	.78	.84	.81	.78	.83	.80	.77	.82	.79	.77	.81	.79	.76	.75
9.0	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.79	.77	.75	.74
10.0	.81	.77	.74	.80	.76	.74	.79	.76	.74	.79	.75	.73	.78	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 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	.145	.083	.026	.138	.079	.025	.124	.071	.023	.111	.064	.021	.099	.057	.019	
2.0	.134	.073	.022	.128	.070	.022	.116	.064	.020	.105	.059	.018	.095	.054	.017	
3.0	.124	.066	.020	.119	.064	.019	.109	.059	.018	.100	.055	.017	.091	.051	.016	
4.0	.116	.060	.018	.111	.058	.017	.103	.054	.016	.095	.051	.015	.088	.048	.014	
5.0	.108	.055	.016	.105	.054	.016	.097	.051	.015	.090	.048	.014	.084	.045	.013	
6.0	.102	.051	.015	.099	.050	.014	.092	.047	.014	.086	.045	.013	.081	.042	.013	
7.0	.096	.048	.013	.093	.046	.013	.088	.044	.013	.082	.042	.012	.077	.040	.012	
8.0	.091	.045	.013	.088	.044	.012	.084	.042	.012	.079	.040	.012	.074	.038	.011	
9.0	.087	.042	.012	.084	.041	.012	.080	.039	.011	.076	.038	.011	.072	.036	.011	
10.0	.082	.040	.011	.080	.039	.011	.076	.037	.011	.073	.036	.010	.069	.035	.010	

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.189	.178	.168	.162	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019	
2.0	.172	.153	.138	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016	
3.0	.157	.134	.115	.135	.115	.100	.092	.080	.070	.053	.047	.041	.017	.015	.014	
4.0	.145	.119	.099	.124	.103	.086	.085	.071	.060	.049	.042	.036	.016	.014	.012	
5.0	.134	.106	.086	.115	.092	.075	.079	.064	.053	.046	.038	.031	.015	.012	.010	
6.0	.125	.097	.076	.108	.084	.066	.074	.059	.047	.043	.034	.028	.014	.011	.009	
7.0	.117	.088	.068	.101	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008	
8.0	.111	.082	.062	.095	.071	.054	.066	.050	.038	.038	.029	.023	.012	.010	.008	
9.0	.105	.076	.056	.090	.066	.049	.063	.046	.035	.037	.027	.021	.012	.009	.007	
10.0	.100	.071	.052	.086	.062	.046	.060	.044	.032	.035	.026	.019	.011	.008	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 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	15.7	16.4	16.0	16.6	16.8	15.5	16.2	15.8	16.4	16.5
	3H	15.7	16.3	16.0	16.6	16.8	15.5	16.1	15.8	16.3	16.6
	4H	15.8	16.4	16.1	16.6	16.9	15.6	16.2	15.9	16.4	16.7
	6H	16.0	16.5	16.3	16.8	17.1	15.8	16.4	16.1	16.6	16.9
	8H	16.2	16.7	16.5	17.0	17.3	16.0	16.5	16.3	16.8	17.1
	12H	16.4	16.9	16.7	17.2	17.5	16.2	16.7	16.6	17.0	17.4
4H	2H	15.6	16.1	15.9	16.4	16.7	15.3	15.9	15.6	16.2	16.4
	3H	15.6	16.1	15.9	16.4	16.7	15.4	15.9	15.7	16.2	16.5
	4H	15.7	16.2	16.1	16.6	16.9	15.6	16.0	15.9	16.4	16.7
	6H	16.1	16.5	16.5	16.9	17.3	16.0	16.4	16.4	16.8	17.2
	8H	16.5	16.8	16.9	17.2	17.7	16.3	16.7	16.7	17.1	17.5
	12H	16.8	17.2	17.3	17.6	18.0	16.7	17.0	17.1	17.5	17.9
8H	4H	15.8	16.1	16.2	16.5	17.0	15.6	16.0	16.0	16.4	16.8
	6H	16.3	16.7	16.8	17.1	17.6	16.2	16.5	16.7	17.0	17.4
	8H	16.8	17.1	17.3	17.6	18.1	16.7	17.0	17.2	17.5	18.0
	12H	17.4	17.6	17.9	18.1	18.6	17.3	17.5	17.8	18.0	18.5
12H	4H	15.8	16.1	16.2	16.5	17.0	15.6	15.9	16.0	16.4	16.8
	6H	16.4	16.7	16.9	17.2	17.7	16.3	16.6	16.8	17.0	17.5
	8H	17.0	17.2	17.5	17.7	18.2	16.9	17.1	17.4	17.6	18.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 2.0					+ 1.3 / - 2.0					
1.5H	+ 2.2 / - 2.3					+ 2.1 / - 2.1					
2.0H	+ 3.1 / - 1.5					+ 2.9 / - 1.4					

CIE Pub.117 Corrected 1712 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:ZhangXiao
Test Date:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

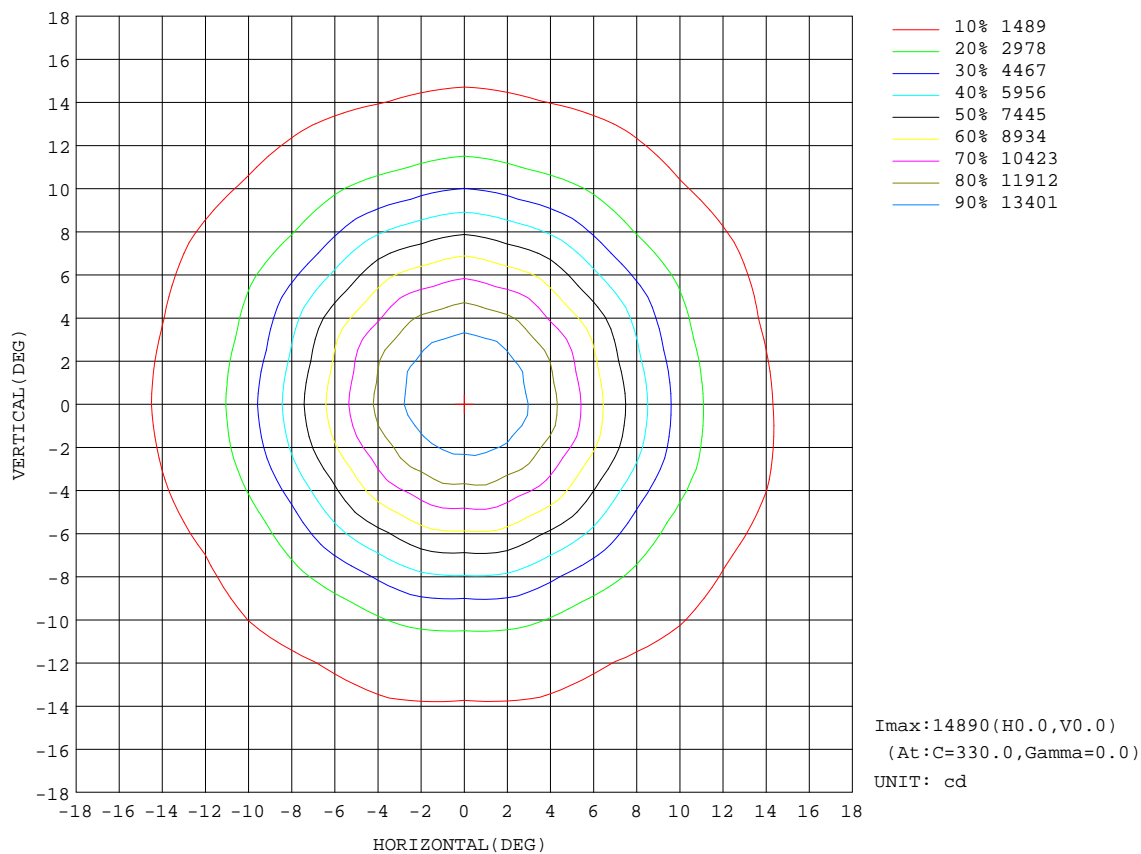
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	97	92	89	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
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:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



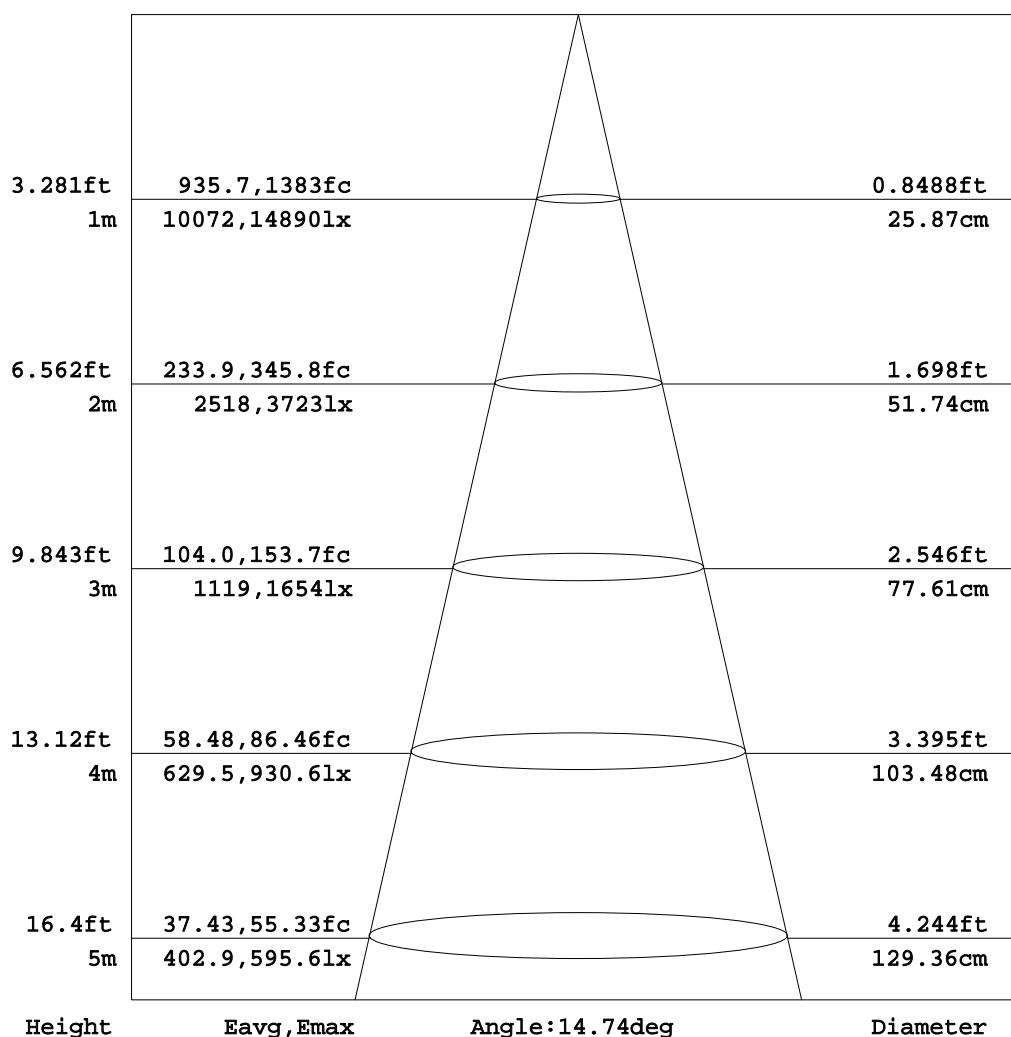
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:625.0 lm



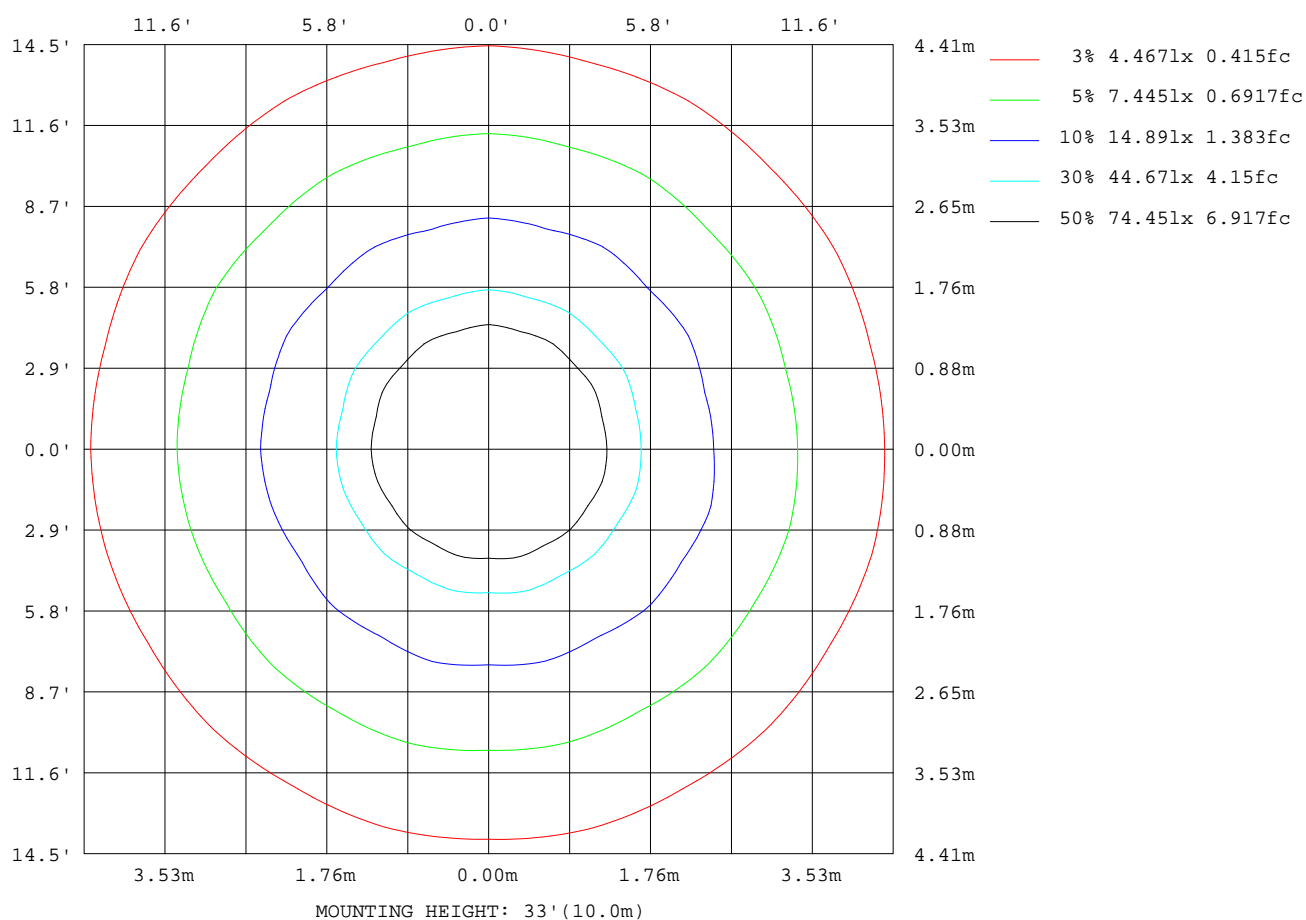
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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

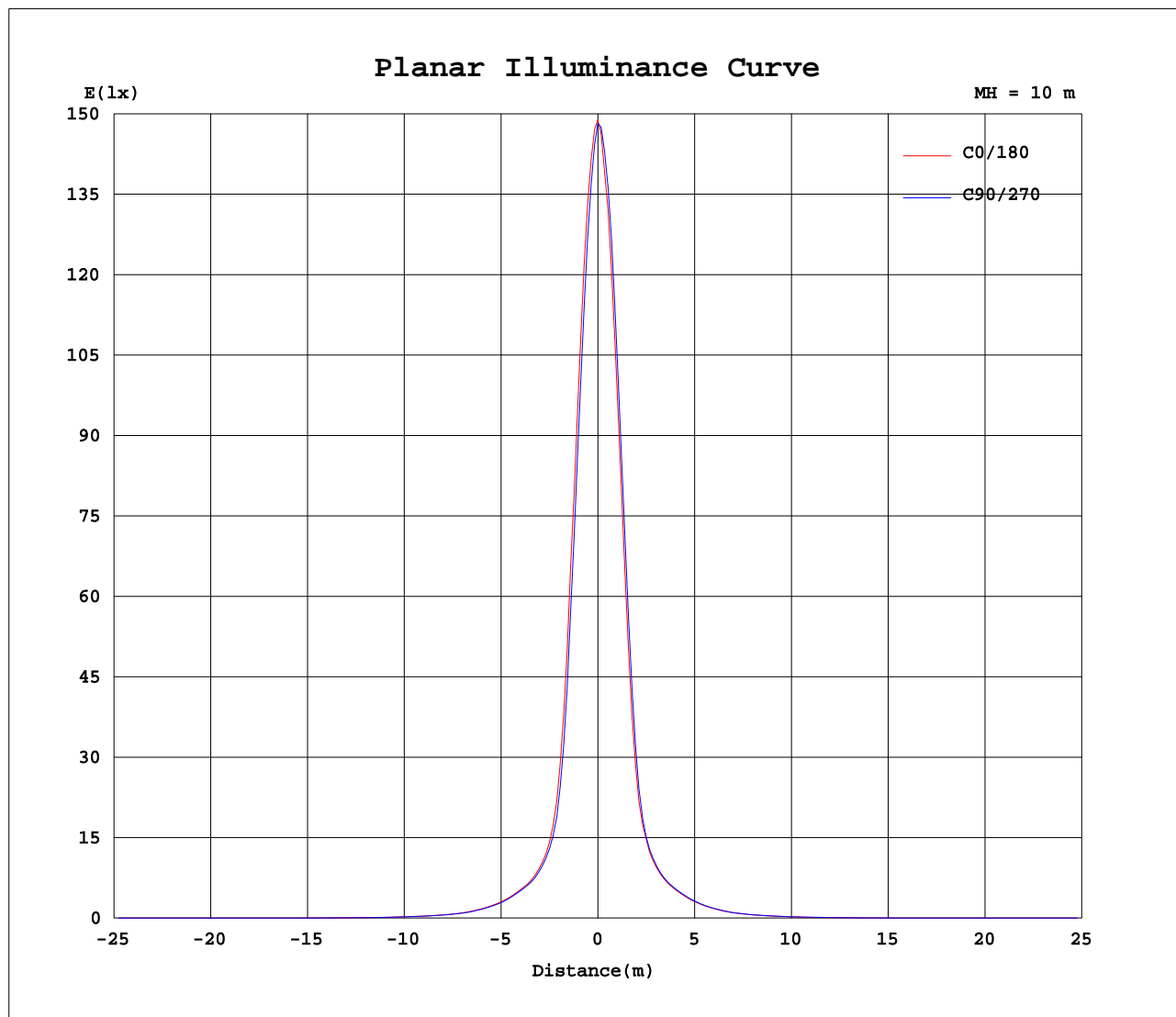
Test:U:226.5V I:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-08-30

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: 2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483	1483
5	1097	1103	1066	1069	1034	1045	1019	1037	1022	1048	1043	1078	1087	1083	1123	1113	1146	1129	1156
10	395	400	372	376	350	357	338	352	343	365	359	385	393	386	420	408	440	421	448
15	133	137	132	131	125	127	125	128	126	130	127	132	136	137	143	138	141	137	142
20	76.2	77.2	76.3	76.4	74.5	75.0	73.9	75.2	74.4	75.9	75.1	76.8	77.5	77.1	79.6	78.4	80.2	78.3	79.9
25	49.5	50.0	48.4	49.0	47.8	48.3	47.3	48.0	47.3	48.4	48.1	49.5	49.8	49.6	51.2	50.9	51.8	50.8	51.6
30	30.4	30.8	30.1	30.3	29.5	29.9	29.2	29.8	29.4	30.1	29.8	30.7	31.0	30.9	31.9	31.5	32.2	31.5	32.0
35	18.0	18.3	17.8	17.8	17.4	17.6	17.2	17.6	17.4	17.7	17.7	18.2	18.2	18.3	18.8	18.6	18.9	18.7	18.9
40	11.5	11.5	11.2	11.3	11.1	11.2	11.0	11.1	11.0	11.3	11.3	11.5	11.6	11.6	11.9	11.9	12.0	11.9	12.0
45	7.39	7.35	7.14	7.21	7.07	7.12	7.00	7.05	6.93	7.13	7.12	7.32	7.32	7.26	7.45	7.48	7.67	7.57	7.63
50	4.25	4.16	3.98	4.10	4.01	4.02	3.91	3.90	3.81	3.99	4.01	4.13	4.10	3.98	4.12	4.21	4.40	4.32	4.40
55	1.95	1.86	1.74	1.85	1.81	1.84	1.77	1.73	1.64	1.80	1.82	1.91	1.90	1.78	1.85	1.93	2.06	2.02	2.08
60	0.73	0.73	0.67	0.74	0.76	0.77	0.78	0.77	0.71	0.76	0.77	0.76	0.74	0.72	0.67	0.74	0.73	0.72	0.73
65	0.56	0.57	0.56	0.57	0.58	0.64	0.65	0.69	0.59	0.57	0.57	0.59	0.57	0.56	0.55	0.58	0.57	0.57	0.59
70	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.57	0.56	0.55	0.56	0.55	0.54	0.54	0.54	0.54	0.53	0.54	0.53
75	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.56	0.56	0.55	0.55	0.55	0.53	0.54	0.54	0.53	0.53	0.54	0.53
80	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.56	0.56	0.55	0.56	0.55	0.54	0.54	0.54	0.54	0.54	0.54	0.54
85	0.41	0.41	0.42	0.42	0.43	0.44	0.42	0.49	0.46	0.45	0.47	0.45	0.45	0.46	0.45	0.45	0.46	0.46	0.46
90	0.34	0.34	0.36	0.37	0.36	0.36	0.35	0.37	0.38	0.36	0.35	0.36	0.43	0.44	0.44	0.43	0.43	0.43	0.44
95	0.27	0.27	0.27	0.29	0.28	0.27	0.27	0.30	0.30	0.29	0.29	0.29	0.44	0.45	0.45	0.44	0.44	0.44	0.44
100	0.23	0.25	0.27	0.30	0.31	0.28	0.24	0.30	0.30	0.29	0.31	0.30	0.47	0.49	0.48	0.48	0.49	0.49	0.47
105	0.28	0.30	0.34	0.37	0.42	0.37	0.29	0.32	0.33	0.34	0.36	0.36	0.50	0.51	0.49	0.49	0.51	0.51	0.49
110	0.35	0.37	0.38	0.40	0.41	0.38	0.36	0.36	0.38	0.37	0.38	0.38	0.48	0.49	0.48	0.48	0.48	0.48	0.47
115	0.40	0.41	0.41	0.42	0.42	0.41	0.40	0.40	0.41	0.41	0.41	0.41	0.50	0.50	0.50	0.49	0.49	0.49	0.49
120	0.44	0.44	0.45	0.45	0.45	0.44	0.44	0.44	0.45	0.44	0.45	0.44	0.53	0.53	0.53	0.53	0.52	0.52	0.52
125	0.52	0.53	0.54	0.53	0.54	0.53	0.53	0.52	0.53	0.53	0.53	0.52	0.61	0.61	0.60	0.60	0.59	0.59	0.59
130	0.71	0.71	0.72	0.72	0.73	0.72	0.72	0.72	0.73	0.71	0.72	0.71	0.77	0.77	0.76	0.76	0.75	0.75	0.74
135	0.96	0.96	0.97	0.97	0.98	0.97	0.98	0.97	0.98	0.97	0.97	0.96	0.99	0.99	0.98	0.98	0.97	0.97	0.97
140	1.16	1.16	1.16	1.16	1.17	1.16	1.17	1.16	1.17	1.16	1.16	1.15	1.18	1.18	1.17	1.17	1.16	1.17	1.16
145	1.27	1.26	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.26	1.29	1.29	1.28	1.28	1.28	1.28	1.28
150	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.33	1.33	1.33	1.33	1.33	1.35	1.35	1.35	1.35	1.35	1.35	1.35
155	1.38	1.38	1.38	1.38	1.38	1.38	1.39	1.38	1.38	1.38	1.38	1.38	1.40	1.40	1.39	1.40	1.39	1.39	1.39
160	1.42	1.42	1.42	1.42	1.43	1.42	1.43	1.42	1.43	1.42	1.43	1.42	1.43	1.43	1.43	1.43	1.43	1.43	1.43
165	1.45	1.45	1.45	1.45	1.46	1.45	1.46	1.45	1.46	1.45	1.46	1.45	1.46	1.46	1.45	1.45	1.45	1.45	1.45
170	1.45	1.45	1.44	1.45	1.44	1.44	1.45	1.45	1.45	1.45	1.45	1.45	1.46	1.45	1.46	1.46	1.46	1.46	1.46
175	1.33	1.34	1.33	1.33	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.35	1.36	1.36	1.36	1.37	1.37	1.37	1.37
180	1.28	1.28	1.28	1.28	1.28	1.28	1.29	1.29	1.29	1.30	1.30	1.30	1.28	1.28	1.28	1.28	1.28	1.28	1.29

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-30

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:0.0930A P:20.10W PF:0.9540 Lamp Flux:1711.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	1483	1483	1483	1483	1483														
5	1130	1149	1117	1132	1095														
10	423	441	412	429	395														
15	138	141	135	137	132														
20	78.1	79.5	77.1	78.2	76.0														
25	50.4	50.9	49.8	50.3	49.2														
30	31.3	31.7	30.9	31.2	30.5														
35	18.6	18.8	18.3	18.4	18.0														
40	11.8	11.8	11.6	11.7	11.4														
45	7.45	7.51	7.45	7.53	7.35														
50	4.23	4.28	4.27	4.36	4.23														
55	1.91	1.94	1.96	2.03	1.93														
60	0.70	0.66	0.73	0.71	0.71														
65	0.61	0.56	0.61	0.57	0.54														
70	0.54	0.54	0.53	0.53	0.53														
75	0.53	0.52	0.52	0.52	0.52														
80	0.53	0.52	0.52	0.52	0.52														
85	0.45	0.43	0.43	0.43	0.42														
90	0.43	0.41	0.41	0.41	0.41														
95	0.43	0.43	0.42	0.42	0.41														
100	0.47	0.43	0.43	0.43	0.42														
105	0.49	0.47	0.47	0.47	0.45														
110	0.48	0.45	0.47	0.47	0.46														
115	0.49	0.49	0.47	0.48	0.47														
120	0.52	0.52	0.52	0.52	0.51														
125	0.60	0.59	0.60	0.59	0.59														
130	0.75	0.75	0.75	0.75	0.76														
135	0.97	0.97	0.98	0.97	0.98														
140	1.17	1.16	1.17	1.17	1.17														
145	1.28	1.28	1.28	1.28	1.29														
150	1.35	1.35	1.35	1.35	1.35														
155	1.39	1.39	1.40	1.39	1.40														
160	1.43	1.43	1.43	1.43	1.43														
165	1.45	1.45	1.45	1.45	1.45														
170	1.46	1.46	1.46	1.46	1.46														
175	1.37	1.38	1.38	1.38	1.37														
180	1.29	1.29	1.30	1.30	1.30														

C Range: 0 - 360DEC
C Interval: 15.0DEC
Test Speed: HIGH
Temperature:25.3DEC
Operators:ZhangXiao
Test Date:2016-08-30

γ Range: 0 - 180DEC
γ Interval: 1.0DEC
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: