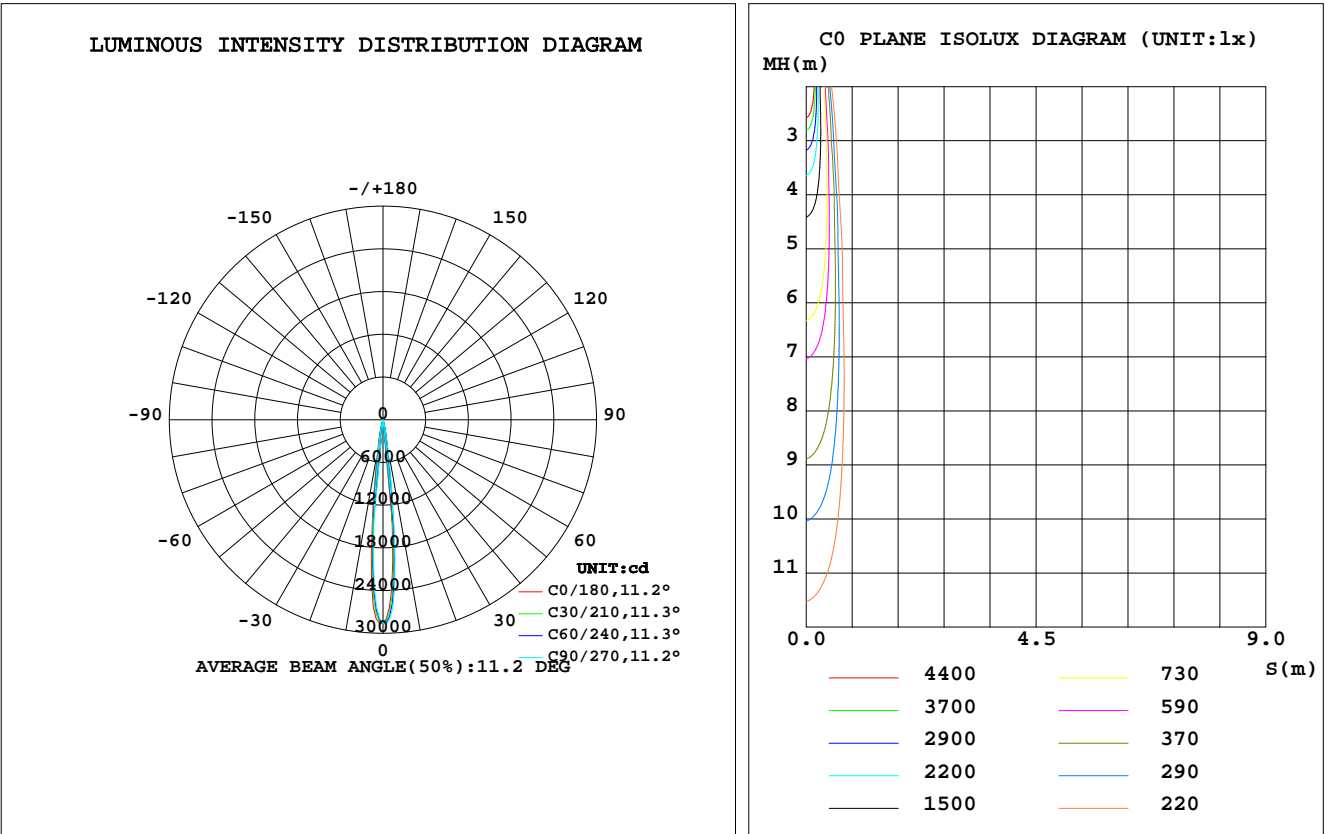


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.26 lm/W			
MODEL	TL20-20W-930-B-10	Imax(cd)	28780	S/MH(C0/180)	0.18
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.20
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1487.1	η UP,DN(C0-180)	1.2,51.3
NOMINAL FLUX(lm)	1487.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,46.2
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:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [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	281.4	315.1	350.6	411.7	423.1	346.9	315.1	276.3	0- 10	1118	1118	75.2,75.2
20	15.63	18.83	19.48	25.24	27.20	19.93	16.20	14.62	10- 20	280.3	1398	94,94
30	2.271	2.398	2.436	2.352	2.271	2.113	2.158	2.053	20- 30	26.86	1425	95.8,95.8
40	0.5629	0.6275	0.6123	0.6007	0.5903	0.5701	0.5403	0.5309	30- 40	7.584	1433	96.3,96.3
50	0.2658	0.2506	0.2427	0.2355	0.2157	0.2291	0.2370	0.2354	40- 50	2.757	1435	96.5,96.5
60	0.3184	0.3111	0.3081	0.3016	0.2567	0.2652	0.2670	0.2740	50- 60	2.354	1438	96.7,96.7
70	0.3827	0.3786	0.3785	0.3730	0.3310	0.3357	0.3354	0.3409	60- 70	3.240	1441	96.9,96.9
80	0.4229	0.4217	0.4226	0.4204	0.3647	0.3657	0.3641	0.3684	70- 80	3.993	1445	97.2,97.2
90	0.3087	0.3216	0.3315	0.3377	0.3697	0.3696	0.3680	0.3705	80- 90	4.163	1449	97.4,97.4
100	0.1209	0.1191	0.1203	0.1205	0.3677	0.3667	0.3651	0.3678	90-100	3.132	1452	97.6,97.6
110	0.2780	0.2745	0.2703	0.2596	0.3641	0.3633	0.3614	0.3634	100-110	2.901	1455	97.8,97.8
120	0.2929	0.2912	0.2879	0.2818	0.3665	0.3673	0.3674	0.3740	110-120	3.206	1458	98.1,98.1
130	0.5748	0.5379	0.5148	0.4906	0.5750	0.6029	0.6204	0.6434	120-130	3.600	1462	98.3,98.3
140	1.132	1.121	1.108	1.093	1.109	1.123	1.135	1.147	130-140	6.714	1469	98.8,98.8
150	1.252	1.250	1.244	1.242	1.272	1.270	1.272	1.275	140-150	7.562	1476	99.3,99.3
160	1.330	1.327	1.320	1.318	1.329	1.326	1.327	1.329	150-160	5.967	1482	99.7,99.7
170	1.341	1.357	1.357	1.362	1.360	1.352	1.350	1.340	160-170	3.823	1486	99.9,99.9
180	1.035	1.045	1.031	1.015	1.041	1.040	1.034	1.013	170-180	1.201	1487	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

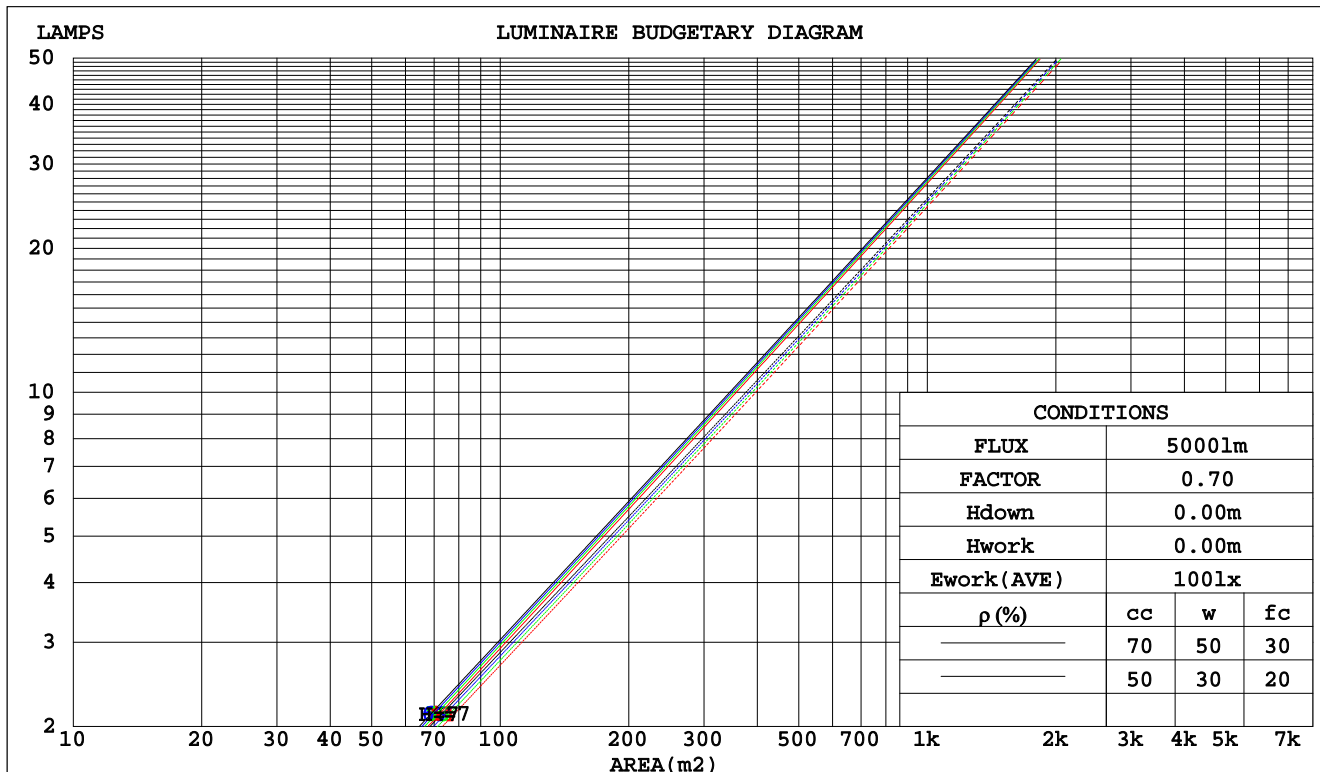
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 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						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	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.10	1.07	1.05	1.08	1.06	1.04	1.04	1.03	1.01	1.01	.00	.99	.98	.97	.96	.95
3.0	1.07	1.04	1.01	1.05	1.03	1.01	1.02	1.00	.99	.00	.98	.97	.97	.96	.95	.94
4.0	1.04	1.01	.99	1.03	1.00	.98	1.01	.98	.97	.99	.97	.95	.97	.95	.94	.93
5.0	1.02	.99	.97	1.01	.98	.96	.99	.97	.95	.98	.96	.94	.96	.94	.93	.92
6.0	1.00	.97	.95	.99	.97	.95	.98	.96	.94	.97	.95	.93	.95	.94	.92	.92
7.0	.99	.96	.94	.98	.95	.93	.97	.94	.93	.96	.94	.92	.95	.93	.92	.91
8.0	.97	.94	.92	.97	.94	.92	.96	.93	.92	.95	.93	.91	.94	.92	.91	.90
9.0	.96	.93	.91	.96	.93	.91	.95	.92	.91	.94	.92	.91	.93	.91	.90	.89
10.0	.95	.92	.91	.95	.92	.90	.94	.92	.90	.93	.91	.90	.93	.91	.90	.89



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.180m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 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	.115	.065	.021	.107	.061	.019	.094	.054	.017	.081	.047	.015	.069	.040	.013	
2.0	.102	.056	.017	.096	.053	.016	.085	.047	.015	.074	.042	.013	.065	.037	.012	
3.0	.092	.049	.015	.087	.047	.014	.077	.042	.013	.069	.038	.012	.061	.034	.010	
4.0	.084	.043	.013	.079	.042	.012	.072	.038	.011	.064	.034	.010	.057	.031	.009	
5.0	.077	.039	.011	.073	.038	.011	.066	.035	.010	.060	.032	.009	.054	.029	.009	
6.0	.071	.036	.010	.068	.034	.010	.062	.032	.009	.057	.029	.009	.052	.027	.008	
7.0	.066	.033	.009	.063	.032	.009	.058	.029	.008	.054	.027	.008	.049	.026	.008	
8.0	.062	.030	.008	.059	.029	.008	.055	.027	.008	.051	.026	.007	.047	.024	.007	
9.0	.058	.028	.008	.056	.027	.008	.052	.026	.007	.048	.024	.007	.045	.023	.007	
10.0	.055	.026	.007	.053	.026	.007	.049	.024	.007	.046	.023	.007	.043	.022	.006	

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	.186	.178	.169	.160	.152	.146	.109	.105	.101	.063	.061	.059	.020	.020	.019	
2.0	.167	.153	.141	.143	.131	.122	.098	.091	.085	.056	.053	.050	.018	.017	.016	
3.0	.150	.133	.119	.129	.115	.104	.088	.080	.073	.051	.047	.043	.016	.015	.014	
4.0	.136	.117	.103	.117	.101	.089	.080	.071	.063	.046	.041	.037	.015	.013	.012	
5.0	.124	.105	.090	.107	.090	.078	.073	.063	.055	.043	.037	.033	.014	.012	.011	
6.0	.114	.094	.080	.098	.082	.070	.068	.057	.049	.039	.034	.029	.013	.011	.010	
7.0	.105	.086	.072	.091	.074	.062	.063	.052	.044	.036	.031	.026	.012	.010	.009	
8.0	.098	.078	.065	.084	.068	.056	.058	.048	.040	.034	.028	.024	.011	.009	.008	
9.0	.092	.072	.059	.079	.063	.052	.055	.044	.037	.032	.026	.022	.010	.009	.007	
10.0	.086	.067	.055	.074	.058	.048	.052	.041	.034	.030	.024	.020	.010	.008	.007	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 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		-0.3	0.2	-0.0	0.4	0.5	-0.4	0.1	-0.2	0.2	0.4
3H		3.3	3.8	3.6	4.0	4.2	3.1	3.6	3.4	3.8	4.0
4H		5.5	5.9	5.8	6.1	6.4	5.3	5.7	5.6	5.9	6.2
6H		7.9	8.3	8.2	8.6	8.9	7.7	8.1	8.0	8.4	8.7
8H		9.2	9.6	9.5	9.9	10.2	9.0	9.4	9.4	9.7	10.0
12H		10.5	10.9	10.9	11.2	11.5	10.4	10.8	10.8	11.1	11.4
4H 2H		0.9	1.3	1.2	1.6	1.8	0.8	1.2	1.1	1.5	1.7
3H		4.7	5.1	5.1	5.4	5.7	4.6	5.0	4.9	5.2	5.6
4H		7.0	7.4	7.4	7.7	8.0	6.9	7.2	7.2	7.5	7.9
6H		9.6	9.9	10.0	10.3	10.7	9.4	9.7	9.8	10.1	10.5
8H		10.9	11.2	11.4	11.6	12.0	10.8	11.1	11.2	11.5	11.9
12H		12.3	12.6	12.8	13.0	13.5	12.2	12.5	12.7	12.9	13.4
8H 4H		7.9	8.2	8.4	8.6	9.0	7.8	8.1	8.2	8.5	8.9
6H		10.7	11.0	11.2	11.4	11.9	10.6	10.8	11.0	11.3	11.7
8H		12.2	12.4	12.7	12.9	13.4	12.1	12.3	12.6	12.8	13.3
12H		13.8	14.0	14.3	14.5	15.0	13.7	13.9	14.2	14.4	14.9
12H 4H		8.2	8.5	8.6	8.9	9.3	8.1	8.4	8.5	8.8	9.2
6H		11.1	11.3	11.6	11.7	12.2	11.0	11.2	11.4	11.6	12.1
8H		12.7	12.9	13.2	13.3	13.9	12.6	12.8	13.1	13.2	13.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1				+ 0.1 / - 0.1					
1.5H		+ 0.2 / - 0.2				+ 0.2 / - 0.2					
2.0H		+ 0.3 / - 0.3				+ 0.3 / - 0.3					

CIE Pub.117 Corrected 1487 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

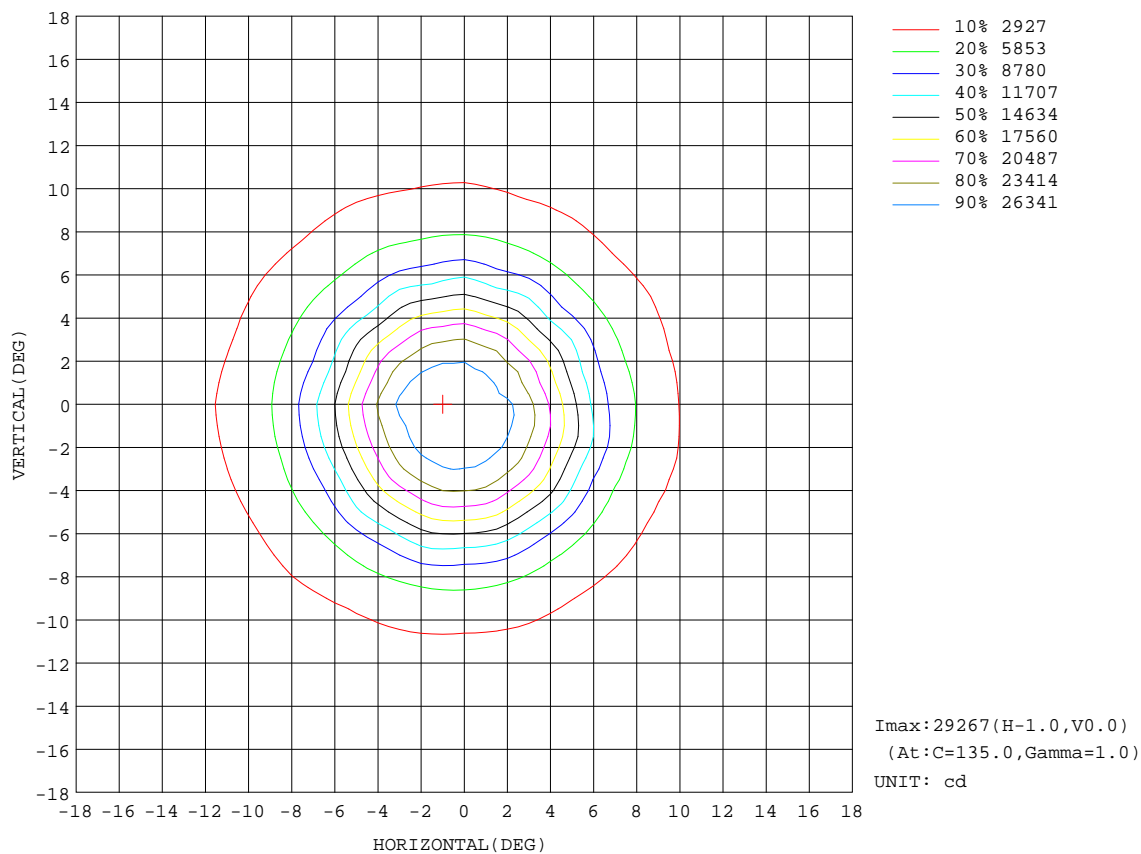
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	84	80	89	83	80	88	83	80	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	91	99	94	91	97	94	90	87
1.25	104	99	96	102	98	95	100	97	94	90
1.50	106	102	99	105	101	98	102	99	97	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	106	109	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	110	109	108	107	105	97
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:2016-02-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

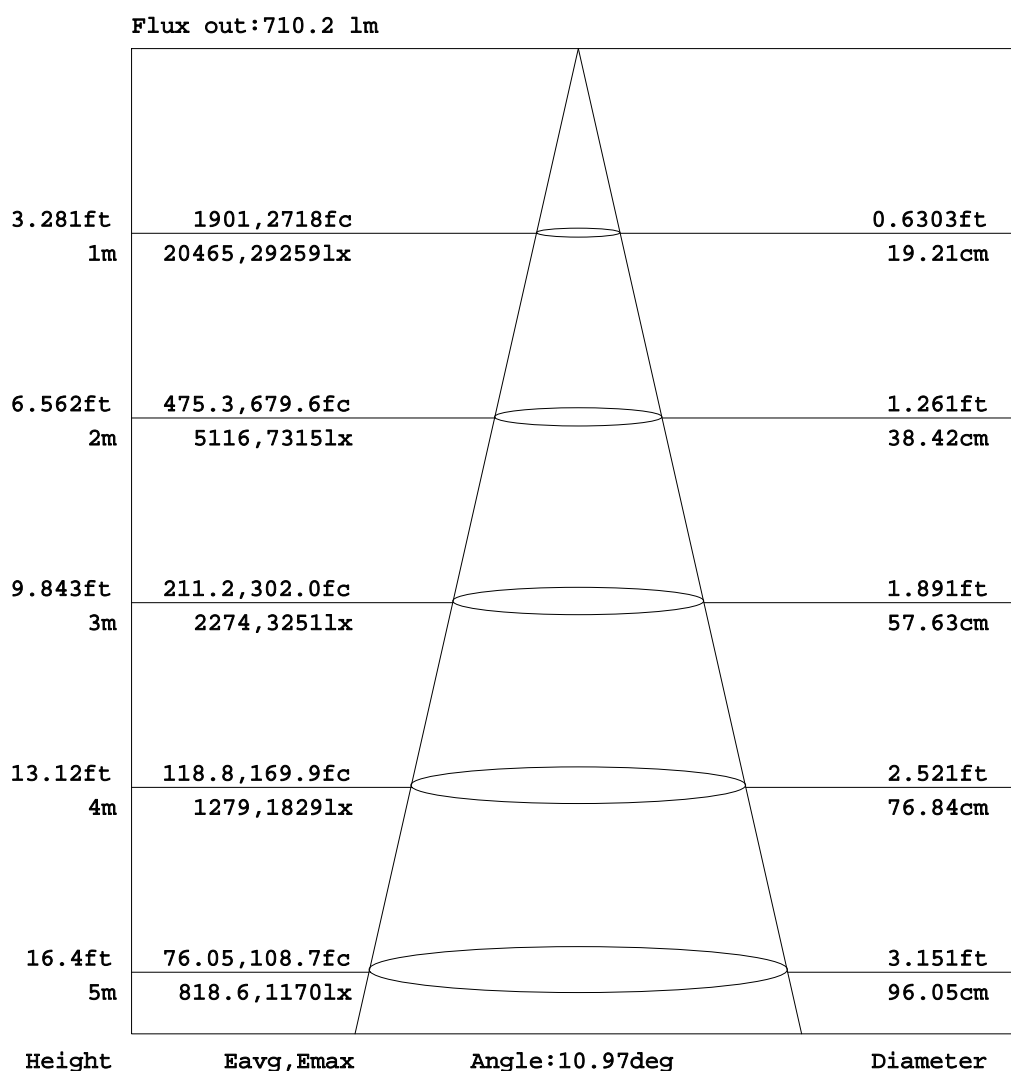


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2016-02-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.180m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



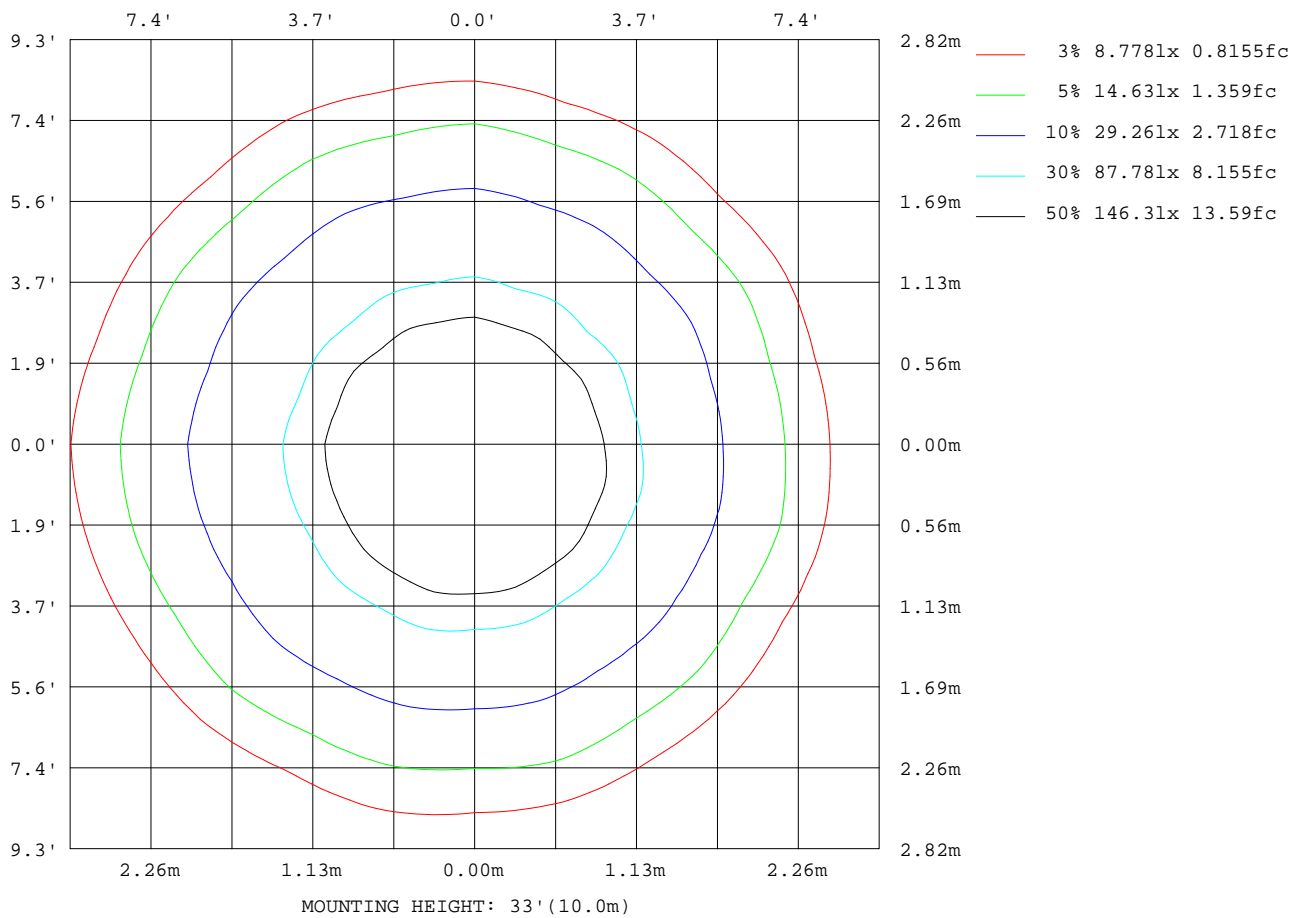
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

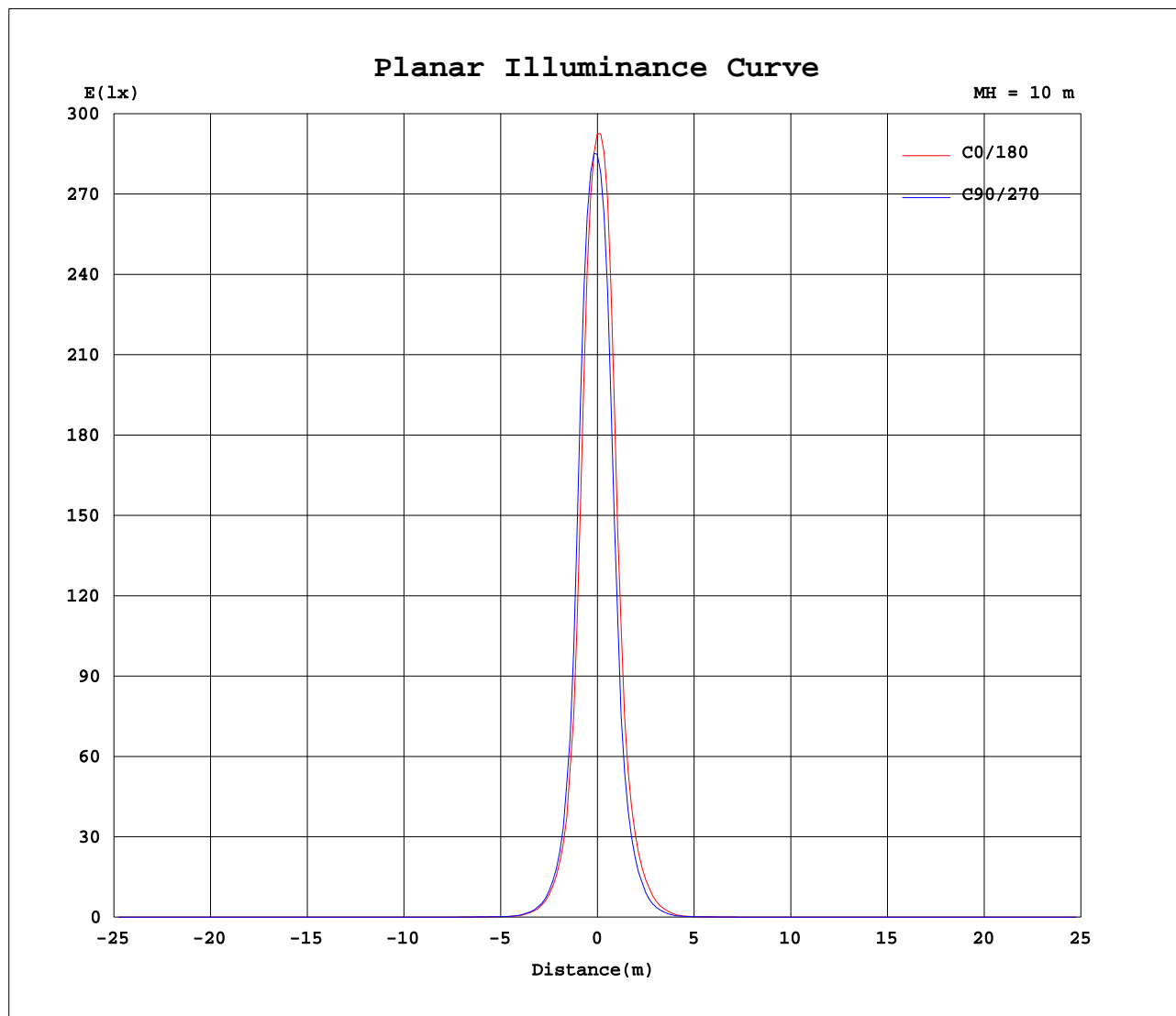
Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: QiuMing
Test Date: 2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.180m [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: 2016-02-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.180m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860	2860
5	1516	1631	1672	1793	1828	1944	1950	2025	1989	2017	1947	1942	1892	1750	1733	1602	1595	1493	1505
10	281	298	294	315	319	348	351	377	381	412	408	423	423	386	384	347	346	313	315
15	67.4	71.1	68.6	73.3	72.7	79.9	79.9	88.7	88.5	103	106	114	119	103	97.9	87.0	86.0	76.6	75.6
20	15.6	17.2	17.2	18.8	19.5	20.9	19.5	21.0	22.8	25.2	24.5	26.3	27.2	23.6	22.7	19.9	19.7	16.9	16.2
25	4.19	4.31	4.22	4.30	4.19	4.35	4.42	4.71	4.58	4.73	4.56	4.63	4.64	4.29	4.22	4.09	4.04	3.93	4.07
30	2.27	2.36	2.32	2.40	2.41	2.51	2.44	2.44	2.41	2.35	2.31	2.32	2.27	2.13	2.15	2.11	2.15	2.15	2.16
35	1.05	1.12	1.08	1.15	1.14	1.19	1.16	1.21	1.16	1.16	1.15	1.20	1.18	1.10	1.12	1.11	1.12	1.03	1.04
40	0.56	0.62	0.63	0.63	0.64	0.63	0.61	0.63	0.61	0.60	0.60	0.60	0.59	0.56	0.57	0.57	0.57	0.55	0.54
45	0.35	0.35	0.37	0.36	0.37	0.36	0.36	0.36	0.35	0.35	0.35	0.35	0.32	0.31	0.31	0.32	0.32	0.34	0.33
50	0.27	0.26	0.26	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.22	0.22	0.22	0.23	0.23	0.24	0.24
55	0.30	0.29	0.29	0.29	0.29	0.28	0.28	0.27	0.28	0.27	0.28	0.28	0.24	0.24	0.24	0.24	0.24	0.25	0.25
60	0.32	0.31	0.32	0.31	0.31	0.31	0.31	0.30	0.31	0.30	0.31	0.30	0.26	0.26	0.26	0.27	0.26	0.27	0.27
65	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.34	0.35	0.34	0.35	0.34	0.30	0.30	0.30	0.31	0.30	0.31	0.31
70	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.38	0.37	0.38	0.37	0.33	0.33	0.33	0.34	0.33	0.34	0.34
75	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.35	0.35	0.35	0.35	0.35	0.36	0.35
80	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.36	0.36	0.36	0.37	0.36	0.37	0.36
85	0.40	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.37	0.37	0.37	0.37	0.37	0.37	0.37
90	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.37	0.37	0.37	0.37	0.37	0.37	0.37
95	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.37	0.37	0.37	0.37	0.37	0.37	0.37
100	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.37	0.37	0.37	0.37	0.37	0.37	0.37
105	0.20	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.37	0.37	0.37	0.37	0.36	0.37	0.36
110	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.36	0.36	0.36	0.36	0.36	0.36	0.36
115	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.36	0.36	0.36	0.36	0.36	0.36	0.36
120	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.37	0.37	0.37	0.37	0.37	0.37	0.37
125	0.35	0.35	0.35	0.34	0.34	0.33	0.33	0.32	0.32	0.32	0.32	0.31	0.41	0.42	0.42	0.42	0.42	0.43	0.43
130	0.57	0.56	0.56	0.54	0.53	0.52	0.51	0.50	0.50	0.49	0.50	0.49	0.57	0.59	0.59	0.60	0.60	0.62	0.62
135	0.92	0.90	0.90	0.88	0.88	0.86	0.86	0.84	0.84	0.83	0.84	0.83	0.87	0.89	0.89	0.91	0.91	0.93	0.93
140	1.13	1.13	1.13	1.12	1.12	1.11	1.11	1.10	1.10	1.09	1.09	1.09	1.11	1.11	1.12	1.12	1.13	1.13	1.13
145	1.21	1.21	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.20	1.19	1.19	1.22	1.22	1.22	1.22	1.22	1.23	1.23
150	1.25	1.25	1.25	1.25	1.25	1.25	1.24	1.24	1.24	1.24	1.24	1.24	1.27	1.27	1.27	1.27	1.27	1.27	1.27
155	1.29	1.29	1.29	1.29	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.30	1.30	1.30	1.30	1.30	1.30	1.30
160	1.33	1.33	1.33	1.33	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.33	1.32	1.33	1.33	1.33	1.33	1.33
165	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.35	1.35	1.35	1.35	1.35	1.35
170	1.34	1.35	1.35	1.36	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.35	1.36	1.35	1.35	1.35	1.35
175	1.17	1.19	1.20	1.21	1.21	1.23	1.22	1.23	1.23	1.23	1.22	1.22	1.24	1.23	1.23	1.21	1.21	1.20	1.19
180	1.03	1.04	1.04	1.05	1.04	1.04	1.03	1.03	1.02	1.01	1.00	1.00	1.04	1.04	1.05	1.04	1.04	1.04	1.03

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0940A P:20.30W PF:0.9520 Lamp Flux:1487.12x1 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)	2860	2860	2860	2860	2860														
0	2860	2860	2860	2860	2860														
5	1423	1464	1412	1488	1469														
10	288	291	276	292	279														
15	66.3	66.2	62.5	67.9	66.1														
20	14.4	15.7	14.6	16.1	14.2														
25	4.02	4.08	3.91	4.05	4.06														
30	2.09	2.06	2.05	2.13	2.19														
35	1.01	1.04	1.00	1.02	1.01														
40	0.54	0.55	0.53	0.54	0.54														
45	0.33	0.33	0.32	0.32	0.33														
50	0.24	0.24	0.24	0.23	0.23														
55	0.25	0.25	0.25	0.25	0.25														
60	0.27	0.27	0.27	0.27	0.27														
65	0.31	0.31	0.31	0.31	0.31														
70	0.34	0.34	0.34	0.34	0.34														
75	0.36	0.35	0.36	0.36	0.36														
80	0.37	0.36	0.37	0.36	0.37														
85	0.37	0.37	0.37	0.37	0.37														
90	0.37	0.37	0.37	0.37	0.37														
95	0.37	0.37	0.37	0.37	0.37														
100	0.37	0.37	0.37	0.37	0.37														
105	0.37	0.36	0.37	0.36	0.37														
110	0.36	0.36	0.36	0.36	0.36														
115	0.36	0.36	0.36	0.36	0.36														
120	0.37	0.37	0.37	0.37	0.38														
125	0.43	0.43	0.44	0.44	0.44														
130	0.64	0.63	0.64	0.64	0.64														
135	0.94	0.94	0.95	0.94	0.95														
140	1.14	1.14	1.15	1.14	1.15														
145	1.23	1.23	1.23	1.23	1.23														
150	1.27	1.27	1.28	1.27	1.27														
155	1.30	1.30	1.30	1.30	1.30														
160	1.33	1.33	1.33	1.33	1.33														
165	1.35	1.35	1.35	1.35	1.35														
170	1.35	1.34	1.34	1.34	1.33														
175	1.18	1.18	1.17	1.16	1.16														
180	1.03	1.02	1.01	1.00	1.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QiuMing
Test Date:2016-02-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.180m [K=1.0000]
Remarks: