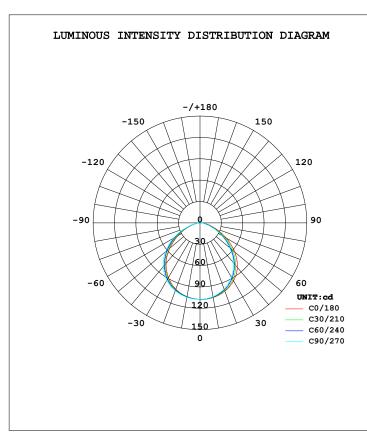
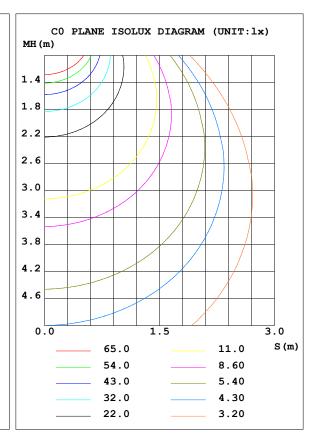


### LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: X-Glo-18-36v TYPE:		WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAN	(P		TRIC DATA Eff: 84	4.20 lm/W	
MODEL	5050	Imax (cd)	107.6	S/MH (CO/180)	1.23
NOMINAL POWER (W)	3.3	LOR(%)	92.6	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	36	TOTAL FLUX(lm)	277.85	η UP,DN(C0-180)	0.0,47.8
NOMINAL FLUX(lm)	300	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,44.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	36	η down(%)	92.6	CIBSE SHR MAX	1.35





C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



## ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

							I			1		
Υ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	106.8	106.8	107.1	107.4	107.5	107.2	106.9	106.6	0- 5	2.564	2.564	0.92,0.85
10	105.2	105.3	106.1	106.6	106.6	106.0	105.4	104.9	5- 10	7.610	10.17	3.66,3.39
15	102.7	103.2	104.1	105.1	104.7	103.9	102.6	102.4	10- 15	12.42	22.59	8.13,7.53
20	99.16	100.1	101.5	102.7	102.1	100.8	98.92	98.59	15- 20	16.81	39.40	14.2,13.1
25	94.54	96.03	97.76	99.07	98.67	96.55	94.09	93.71	20- 25	20.63	60.03	21.6,20
30	88.73	90.76	93.20	94.44	94.21	91.03	88.44	87.55	25- 30	23.70	83.73	30.1,27.9
35	81.93	84.27	87.24	88.85	88.56	84.16	81.33	80.17	30- 35	25.85	109.6	39.4,36.5
40	74.29	76.90	80.37	81.98	81.54	76.26	73.48	72.04	35- 40	26.96	136.5	49.1,45.5
45	65.14	68.33	72.29	73.79	73.19	67.47	64.45	62.94	40- 45	26.94	163.5	58.8,54.5
50	55.27	58.91	62.99	64.45	63.65	57.75	54.45	53.26	45- 50	25.72	189.2	68.1,63.1
55	45.24	49.35	53.33	54.24	53.10	47.35	44.57	43.85	50- 55	23.41	212.6	76.5,70.9
60	35.41	38.98	42.75	43.90	42.25	37.16	34.83	34.03	55- 60	20.22	232.8	83.8,77.6
65	26.11	28.98	31.89	33.56	31.74	27.89	25.84	25.19	60- 65	16.38	249.2	89.7,83.1
70	17.69	19.68	21.15	23.64	22.73	19.89	17.59	17.41	65- 70	12.28	261.5	94.1,87.2
75	10.62	11.87	13.19	15.69	15.33	13.21	10.66	10.74	70- 75	8.360	269.8	97.1,89.9
80	5.238	6.117	6.457	9.436	9.366	7.439	5.313	5.635	75- 80	5.031	274.9	98.9,91.6
85	2.279	2.355	1.461	4.458	4.441	3.305	1.346	2.669	80- 85	2.498	277.4	99.8,92.5
90	2.032	0	0	0	1.613	0	0	0	85- 90	0.4721	277.8	100,92.6
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG		ı	1	LUMINO	US INTENST	TY:cd				UNI	Γ:1m	
	LUMINOUS INTENSITY:cd											-

C Range: 0 - 360DEG  $\gamma$  Range: 0 - 90DEG C Interval: 5.0DEG  $\gamma$  Interval: 0.5DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]

Remarks:

C Interval: 5.0DEG Test Speed: HIGH Temperature:28.5DEG Operators:

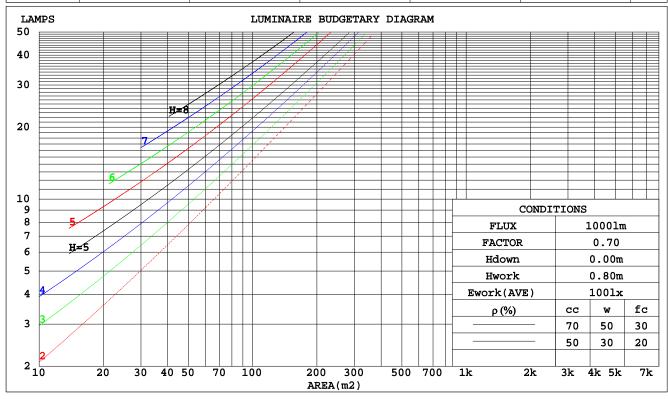
Test Date:



### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: X-Glo-18-36v	TYPE:	WEIGHT:	
DIM.:	SPEC.:	SERIAL No.:	
MFR.:	SUR.:	PROTECTION ANGLE:	

ραα		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:R	oom Cav	ity Rat	io		Coe	fficie	nts of	Utiliza	tion(C	<b>υ</b> )					
0.0	1.10	1.10	1.10	1.08	1.08	1.08	1.03	1.03	1.03	.99	.99	.99	.95	.95	.95	.93
1.0	.97	.94	.91	.95	.92	.89	.91	.89	.86	.88	.86	.84	.85	.83	.81	.79
2.0	.86	.80	.75	.84	.79	.74	.81	.76	.72	.78	.74	.71	.75	.72	.69	.67
3.0	.76	.69	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.67	.63	.59	.57
4.0	.67	.60	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.60	.55	.51	.49
5.0	.60	.52	.46	.59	.52	.46	.57	.51	.46	.56	.50	. 45	.54	.49	.45	.43
6.0	.55	.46	.41	.54	.46	.41	.52	. 45	.40	.50	. 44	.40	.49	. 44	.40	.38
7.0	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.45	.39	.35	.33
8.0	.45	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30
9.0	.42	.34	. 29	.41	.34	. 29	.40	.33	. 29	.39	.33	. 29	.38	.33	. 29	.27
10.0	.38	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.35	.30	.26	.24



C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



## WEC AND CCEC

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ραα		80%			70%			50%			30%			10%		0
ρ₩	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:F	Room C	avity	Ratio				Wall	Exitar	nce Co	effci	ents(W	EC)			
0.0																
1.0	.263	.149	.047	.256	.146	.046	.244	.140	.045	.233	.134	.043	.223	.129	.042	
2.0	.252	.138	.042	.246	.136	.042	.235	.131	.041	.226	.127	.040	.216	.122	.039	
3.0	.236	.125	.038	.231	.124	.037	.221	.120	.036	.213	.117	.036	.205	.113	.035	
4.0	.220	.114	.034	.215	.113	.033	.207	.110	.033	.199	.107	.032	.192	.104	.032	
5.0	.204	.104	.030	.201	.103	.030	.193	.101	.030	.186	.098	.029	.180	.096	.029	
6.0	.191	.096	.027	.187	.095	.027	.181	.093	.027	.174	.091	.027	.169	.089	.026	
7.0	.178	.088	.025	.175	.087	.025	.169	.086	.025	.164	.084	.024	.159	.082	.024	
8.0	.167	.082	.023	.164	.081	.023	.159	.079	.023	.154	.078	.023	.149	.077	.022	
9.0	.157	.076	.021	.155	.075	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021	
10.0	.148	.071	.020	.146	.070	.020	.142	.069	.020	.138	.068	.019	.134	.067	.019	

ραα		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: F	oom C	avity	Ratio		(	Ceilin	g Cav	ity Ex	itanc	e Coef	ficie	nts(CC	CEC)		
0.0	.176	.176	.176	.151	.151	.151	.103	.103	.103	.059	.059	.059	.019	.019	.019	
1.0	.165	.145	.126	.141	.124	.109	.097	.086	.075	.056	.049	.044	.018	.016	.014	
2.0	.157	.122	.093	.135	.105	.080	.092	.073	.056	.053	.042	.033	.017	.014	.011	
3.0	.150	.106	.071	.128	.091	.061	.088	.063	.043	.051	.037	.025	.016	.012	.008	
4.0	.143	.093	.056	.122	.081	.048	.084	.056	.034	.049	.033	.020	.016	.011	.007	
5.0	.136	.084	.045	.117	.072	.039	.080	.050	.028	.047	.030	.016	.015	.010	.005	
6.0	.129	.076	.037	.111	.066	.032	.077	.046	.023	.044	.027	.014	.014	.009	.005	
7.0	.123	.069	.032	.106	.060	.027	.073	.042	.019	.043	.025	.012	.014	.008	.004	
8.0	.117	.064	.027	.101	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	
9.0	.112	.059	.024	.096	.052	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	
10.0	.107	.055	.021	.092	.048	.018	.064	.034	.013	.037	.020	.008	.012	.007	.003	

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

Operators:

Test Date:

 $\gamma$  Range: 0 - 90DEG  $\gamma$  Interval: 0.5DEG Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



### Uncorrected UGR Table

NAME: X-Glo-18-36v						TYPE:			WEIGHT:			
DIM.:						SPEC.:			SERIAL	No.:		
MFR.:						SUR.:			PROTECTION ANGLE:			
ceiling/	ceiling/cavity 0.7 0.7 0.5 0.					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 dime	nsions		Viewe	d crossw	ise			Vi	ewed endwi	se		
x = 2H 3	y = 2H	11.2	12.7	11.5	12.9	13.1	11.9	13.4	12.2	13.5	13.8	
	3н	12.1	13.5	12.4	13.7	13.9	12.9	14.3	13.2	14.5	14.7	
	4н	12.4	13.7	12.7	13.9	14.2	13.3	14.5	13.6	14.8	15.0	
	6н	12.5	13.7	12.8	14.0	14.2	13.4	14.6	13.7	14.9	15.2	
	8н	12.5	13.7	12.8	13.9	14.2	13.4	14.6	13.8	14.9	15.2	
	12H	12.5	13.6	12.8	13.9	14.2	13.4	14.5	13.8	14.8	15.1	
4H	2Н	11.7	13.0	12.0	13.3	13.5	12.3	13.6	12.6	13.8	14.1	
	3н	12.8	13.9	13.1	14.2	14.5	13.5	14.6	13.8	14.9	15.2	
	4н	13.1	14.1	13.5	14.5	14.8	13.9	14.9	14.3	15.2	15.5	
	6н	13.3	14.2	13.7	14.6	14.9	14.1	15.0	14.5	15.4	15.7	
	8н	13.3	14.2	13.8	14.5	14.9	14.2	15.0	14.6	15.4	15.8	
	12H	13.3	14.1	13.8	14.5	14.9	14.2	15.0	14.6	15.3	15.8	
8н	4н	13.3	14.1	13.7	14.5	14.9	14.0	14.8	14.4	15.2	15.6	
	6н	13.5	14.2	14.0	14.6	15.0	14.3	15.0	14.8	15.4	15.8	
	8н	13.6	14.2	14.1	14.6	15.1	14.4	15.0	14.9	15.5	15.9	
	12H	13.6	14.2	14.1	14.6	15.1	14.5	15.0	14.9	15.4	15.9	
12H	4H	13.3	14.0	13.7	14.4	14.8	14.0	14.7	14.4	15.1	15.5	
	6Н	13.6	14.2	14.0	14.6	15.0	14.3	14.9	14.8	15.3	15.8	
					14.6	15.1	14.4	15.0	14.9	15.4	15.9	
Variations with the observer position at spaci						:						
S = 1.0H + 0.3 / - 0.4							+ 0.2 / - 0.3					
1.5H + 0.2 / - 0.4				. 4		+ 0.2 / - 0.3						
2	. ОН		+ 0	.4 / - 0	.6			+	0.5 / - 0	. 5		

CIE Pub.117 Corrected 300.0 lm Total Lamp Luminous Flux.( $8\log(F/F0) = -4.2$ )

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



Page 6 Of 14

# UTILIZATION FACTORS TABLE

NAME: X-Glo-18-36v	TYPE:	WEIGHT:		
DIM.:	SPEC.:	SERIAL No.:		
MFR.:	SUR.:	PROTECTION ANGLE:		

				REFLEC	TANCE						
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) x RCR = 5										
k = 0.60	55	45	39	55	45	39	54	44	39	33	
0.80	65	55	48	64	54	48	62	54	48	42	
1.00	73	63	57	72	63	56	70	64	56	50	
1.25	79	70	64	78	70	64	76	68	63	57	
1.50	84	75	69	82	74	69	80	73	68	61	
2.00	90	83	77	88	81	76	85	79	75	68	
2.50	93	87	81	91	85	81	88	83	79	72	
3.00	96	90	86	94	89	85	91	86	83	75	
4.00	100	95	91	97	93	89	94	90	87	79	
5.00	102	97	94	99	96	93	95	92	90	81	
ROOM INDEX		1		UF(to	tal)	1	1	1	1	Direct	
According to D	IN EN 13032	2-2 2004			Susp	ended			SHRNOM =	1.25	

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

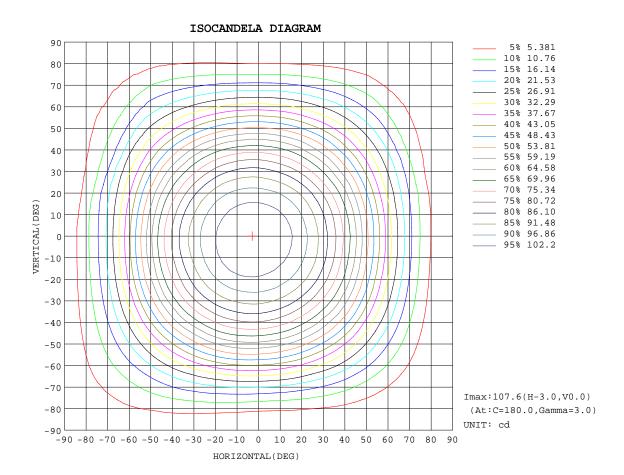
Humidity:64%

Test Distance: 6.810m [K=0.8223]



#### ISOCANDELA DIAGRAM

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

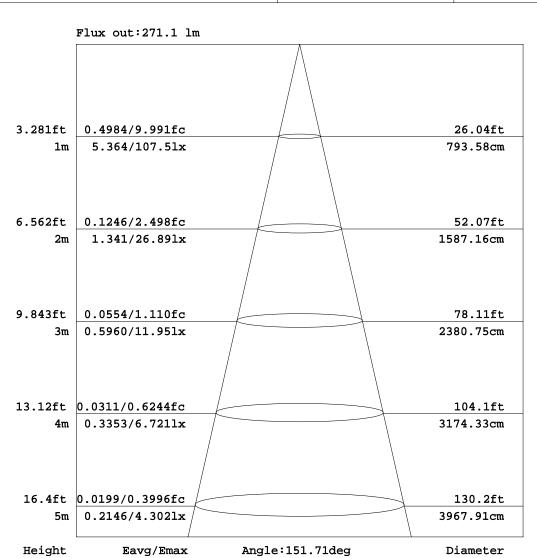
Humidity:64%

Test Distance: 6.810m [K=0.8223]



## AAI Figure

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	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: 5.0DEG Test Speed: HIGH

Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

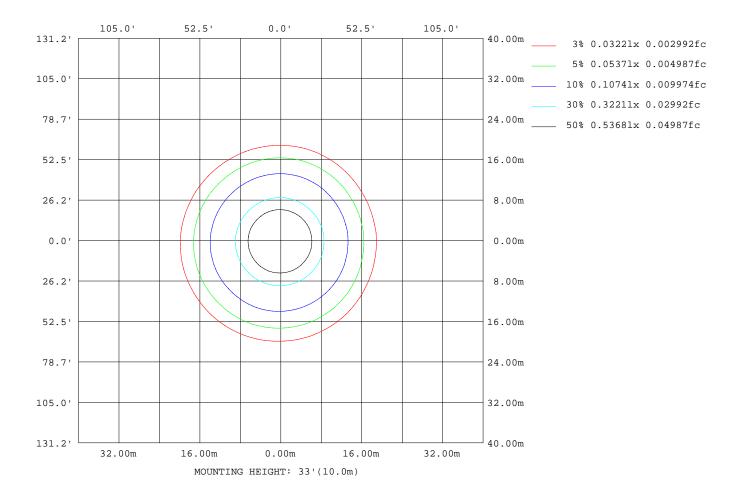
Humidity:64%

Test Distance: 6.810m [K=0.8223]



#### ISOLUX DIAGRAM

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



## Average Luminance Table (CIBSE)

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Вс	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	300	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.12	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G								Ср	lane (	deg)									
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	657	666	682	697	709	722	735	752	764	775	786	793	792	788	790	789	786	779	772
60	590	597	609	622	642	658	674	691	702	712	724	734	737	734	731	731	728	716	704
65	515	521	530	540	561	581	591	605	620	629	640	646	658	662	660	653	649	641	626
70	431	434	441	452	472	485	492	501	509	515	532	554	568	574	575	574	570	564	554
75	342	341	347	358	374	391	402	409	413	425	446	472	493	505	502	500	503	501	493
80	251	240	247	260	284	305	312	312	307	310	343	384	421	447	455	452	451	452	449
85	218	170	172	182	217	229	208	167	142	140	170	234	340	421	420	458	443	459	425

Table 2. Average Luminance(cd/sq.m.) for defined C plane, Gamma angle

CIBSE	Gamma	Average	Luminance	Patch Luminance					
Category	(deg)	maximum	specified	maximum	specified				
		calculated	maximum	measured	maximum				
Category 1	55 to 90	793	200		500				
Category 2	65 to 90	662	200		500				
Category 3	75 to 90	505	200		500				

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 28.5DEG

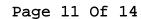
Operators:

Operators: Test Date: γ Range: 0 - 90DEG γ Interval: 0.5DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]





# LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table1																UNI	T: cd		
C (DEG)																			
γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
10	105	105	105	105	105	105	105	105	105	105	105	105	106	106	106	106	106	106	106
15	103	103	103	103	103	103	103	103	103	103	103	103	103	103	104	104	104	104	104
20	99.2	99.1	99.2	99.3	99.4	99.6	99.8	99.8	99.9	100	100	100	100	101	101	101	101	101	102
25	94.5	94.5	94.7	94.9	95.1	95.3	95.5	95.7	95.9	96.0	96.3	96.4	96.5	96.7	97.0	97.1	97.3	97.5	97.8
30	88.7	88.8	89.1	89.4	89.7	89.9	90.1	90.3	90.7	90.8	91.0	91.2	91.5	91.7	92.0	92.3	92.7	92.9	93.2
35	81.9	82.0	82.3	82.7	82.8	83.1	83.5	83.7	84.0	84.3	84.5	84.9	85.2	85.5	85.8	86.2	86.5	86.9	87.2
40	74.3	74.3	74.5	74.8	75.1	75.6	75.8	76.2	76.5	76.9	77.1	77.4	77.8	78.2	78.6	79.1	79.5	80.0	80.4
45	65.1	65.4	65.8	65.9	66.4	67.0	67.3	67.9	68.1	68.3	68.8	69.2	69.6	70.0	70.5	71.0	71.4	71.8	72.3
50	55.3	55.6	55.8	56.2	56.8	57.5	57.8	58.4	58.7	58.9	59.3	60.0	60.5	60.9	61.4	61.9	62.2	62.6	63.0
55	45.2	45.5	45.9	46.1	47.0	47.3	47.9	48.3	48.8	49.3	49.7	50.0	50.6	51.1	51.7	52.2	52.6	53.0	53.3
60	35.4	35.6	35.8	36.3	36.5	37.1	37.3	38.1	38.5	39.0	39.5	39.9	40.4	40.9	41.5	41.8	42.1	42.4	42.7
65	26.1	26.2	26.4	26.6	26.9	27.0	27.4	27.9	28.4	29.0	29.5	29.8	30.0	30.3	30.7	31.1	31.4	31.6	31.9
70	17.7	17.7	17.8	18.0	18.1	18.3	18.6	19.0	19.4	19.7	19.9	20.1	20.2	20.4	20.6	20.8	20.9	21.0	21.1
75	10.6	10.5	10.6	10.7	10.8	10.9	11.1	11.3	11.6	11.9	12.1	12.4	12.5	12.6	12.7	12.8	12.8	12.9	13.2
80	5.24	5.01	5.01	5.07	5.15	5.25	5.41	5.68	5.92	6.12	6.36	6.48	6.50	6.50	6.49	6.46	6.39	6.38	6.46
85	2.28	1.87	1.78	1.76	1.80	1.90	1.90	2.11	2.27	2.36	2.39	2.37	2.17	1.94	1.75	1.59	1.49	1.45	1.46
90	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

Operators:

Test Date:

Temperature: 28.5DEG

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



# LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table2																UNI	T: cd		
C (DEG)																			
γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
10	106	106	106	106	106	107	107	107	107	107	107	107	107	107	107	107	107	107	106
15	104	104	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
20	102	102	102	102	102	102	102	103	103	103	103	103	103	102	102	102	102	102	102
25	97.9	98.1	98.3	98.5	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.0	99.0	98.9	98.8	98.7	98.7	98.4
30	93.4	93.5	93.7	93.8	94.0	94.2	94.3	94.4	94.4	94.6	94.5	94.5	94.4	94.3	94.3	94.3	94.2	94.2	93.9
35	87.5	87.7	87.9	88.1	88.3	88.5	88.7	88.7	88.9	88.9	88.8	88.7	88.6	88.5	88.6	88.7	88.7	88.6	88.2
40	80.6	80.9	81.1	81.3	81.5	81.7	81.8	81.8	82.0	82.0	82.1	82.0	81.8	81.7	81.6	81.7	81.8	81.5	81.2
45	72.6	72.9	73.3	73.5	73.6	73.6	73.6	73.6	73.8	73.8	73.9	74.0	73.8	73.6	73.6	73.6	73.5	73.2	72.7
50	63.4	63.7	64.1	64.4	64.5	64.7	64.2	64.2	64.5	64.6	64.3	64.6	64.8	64.3	64.3	64.0	63.7	63.7	62.8
55	53.7	54.1	54.4	54.6	54.5	54.5	54.4	54.2	54.2	54.4	54.5	54.3	54.4	54.1	54.2	53.6	53.3	53.1	52.3
60	43.1	43.5	43.8	44.0	44.2	44.2	44.2	44.0	43.9	43.8	43.8	43.9	43.6	43.7	43.4	42.9	42.6	42.2	41.8
65	32.2	32.5	32.6	32.8	33.1	33.4	33.5	33.6	33.6	33.4	33.3	33.1	33.1	32.9	32.8	32.5	32.1	31.7	31.5
70	21.4	21.9	22.3	22.7	23.1	23.3	23.4	23.6	23.6	23.6	23.6	23.6	23.4	23.4	23.4	23.2	22.9	22.7	22.5
75	13.5	13.8	14.2	14.7	15.1	15.3	15.5	15.7	15.7	15.6	15.5	15.5	15.6	15.6	15.6	15.6	15.4	15.3	14.8
80	6.73	7.14	7.58	8.00	8.40	8.76	9.10	9.32	9.44	9.49	9.51	9.42	9.35	9.40	9.44	9.42	9.41	9.37	7.23
85	1.59	1.78	2.06	2.45	2.92	3.56	4.15	4.40	4.46	4.39	4.59	4.79	4.65	4.63	4.60	4.80	4.85	4.44	3.46
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00
																			1

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

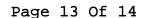
Temperature: 28.5DEG
Operators:

Operators: Test Date: γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



www.everfine.CN



NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table3																UNI	T: cd		
C (DEG)																			
γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
10	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	105	105	105	105
15	104	104	104	104	104	104	104	104	104	104	103	103	103	103	103	103	103	102	102
20	102	102	102	101	101	101	101	101	101	100	100	99.8	99.6	99.4	99.2	99.1	98.9	98.8	98.7
25	98.3	98.0	97.8	97.6	97.4	97.2	96.9	96.5	96.3	96.0	95.6	95.3	95.1	94.8	94.6	94.3	94.1	93.8	93.6
30	93.6	93.3	92.9	92.7	92.3	91.8	91.4	91.0	90.7	90.4	90.0	89.6	89.4	89.1	88.8	88.6	88.4	88.0	87.7
35	87.8	87.3	86.8	86.2	85.6	85.1	84.6	84.2	83.8	83.5	83.1	82.8	82.4	82.2	81.9	81.6	81.3	81.0	80.7
40	80.5	79.9	79.3	78.6	77.9	77.3	76.7	76.3	75.9	75.6	75.3	74.8	74.4	74.1	73.9	73.7	73.5	73.2	72.9
45	72.1	71.4	70.6	70.0	69.2	68.5	67.8	67.5	67.0	66.6	66.2	65.8	65.4	65.0	64.7	64.8	64.5	64.2	64.0
50	62.2	61.5	60.8	60.0	59.5	58.6	58.1	57.8	57.1	56.7	56.2	55.8	55.5	55.1	54.8	54.6	54.5	54.3	54.2
55	51.6	51.2	50.4	49.9	49.1	48.7	48.0	47.3	46.8	46.3	45.9	45.7	45.4	45.2	44.9	44.7	44.6	44.4	44.4
60	41.1	40.5	40.0	39.4	39.0	38.3	37.7	37.2	36.7	36.3	36.0	35.8	35.6	35.4	35.1	34.9	34.8	34.7	34.7
65	31.0	30.4	30.0	29.5	29.2	28.7	28.3	27.9	27.5	27.1	26.8	26.6	26.4	26.2	26.0	25.9	25.8	25.8	25.8
70	22.0	20.5	19.6	19.7	20.4	20.5	20.2	19.9	19.6	19.2	18.9	18.6	18.4	18.1	17.8	17.6	17.6	17.6	17.7
75	12.3	11.9	11.9	12.1	12.6	13.2	13.5	13.2	12.9	12.6	12.2	11.9	11.6	11.3	11.0	10.7	10.7	10.7	10.8
80	6.36	6.23	6.57	6.84	7.07	7.27	7.60	7.44	7.27	7.09	6.83	6.53	6.22	5.91	5.62	5.39	5.31	5.37	5.48
85	3.00	2.69	2.80	2.96	3.08	3.00	3.12	3.31	3.36	3.21	2.73	2.43	2.11	1.81		1.41	1.35	1.39	
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1	I		1					1		1	I	1	1	1			l	1

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

Temperature: 28.5DEG Operators:

Test Date:

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257 Humidity:64%

Test Distance: 6.810m [K=0.8223]

γ Range: 0 - 90DEG



# LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: X-Glo-18-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table4																UNI	T: cd	
C (DEG)																		
γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355			
0	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108			
5	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107			
10	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105			
15	102	102	102	102	102	102	102	102	102	102	102	102	102	102	103			
20	98.6	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.7	98.8	98.8	98.9			
25	93.5	93.5	93.5	93.5	93.6	93.8	93.7	93.8	93.8	93.9	94.0	94.1	94.0	94.1	94.2			
30	87.5	87.4	87.3	87.3	87.4	87.5	87.6	87.8	87.7	87.8	88.0	88.2	88.3	88.3	88.4			
35	80.6	80.4	80.3	80.2	80.2	80.2	80.2	80.2	80.5	80.8	80.9	81.1	81.5	81.5	81.6			
40	72.8	72.5	72.5	72.3	72.1	72.0	72.0	72.0	72.1	72.4	73.0	73.1	73.5	73.8	73.9			
45	63.9	63.8	63.7	63.4	63.0	63.0	62.9	63.0	62.7	63.2	63.8	63.8	64.4	64.7	64.9			
50	54.1	54.0	53.9	54.0	53.8	53.5	53.3	53.3	53.5	53.4	53.9	54.1	54.4	54.7	55.2			
55	44.3	44.2	44.0	43.9	43.9	43.9	43.9	43.6	43.5	43.8	43.8	44.1	44.3	44.8	45.1			
60	34.7	34.6	34.4	34.3	34.2	34.2	34.0	34.0	33.9	33.8	34.2	34.2	34.5	34.9	35.2			
65	25.7	25.6	25.5	25.4	25.3	25.3	25.2	25.0	24.9	24.9	25.0	25.2	25.3	25.7	26.0			
70	17.7	17.6	17.6	17.6	17.6	17.5	17.4	17.2	17.1	17.0	16.9	16.7	17.1	17.3	17.5			
75	10.9	10.8	10.9	11.0	11.0	10.9	10.7	10.7	10.5	9.93	9.41	9.06	9.02	9.30	10.6			
80	5.58	5.64	5.71	5.77	5.80	5.75	5.64	5.55	5.26	4.89	4.80	4.69	4.62	4.58	4.40			
85	1.68	1.86	2.10	2.42	2.69	2.70	2.67	2.56	2.29	2.08	2.09	2.01	1.96	1.91	1.92			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH

Temperature: 28.5DEG

Operators: Test Date:

γ Range: 0 - 90DEG

γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]