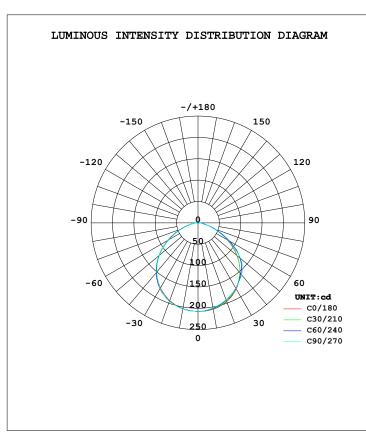
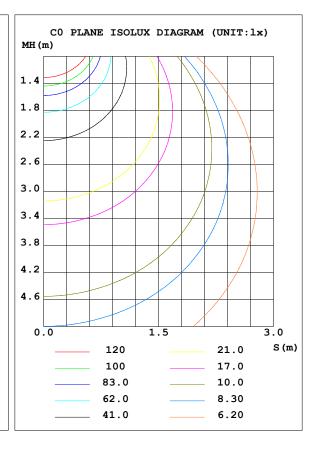


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAM	I P		PHOTOME	TRIC DATA Eff: 100	0.75 lm/W
MODEL 5050		Imax(cd)	207.5	S/MH (CO/180)	1.26
NOMINAL POWER (W)	NOMINAL POWER(W) 5.5 RATED VOLTAGE(V) 36		92.4	S/MH (C90/270)	1.26
RATED VOLTAGE (V)			554.13	η UP,DN(C0-180)	0.0,45.9
NOMINAL FLUX(lm)	600	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V) 36		η down(%)	92.4	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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	206.2	206.6	206.9	206.9	207.1	206.2	205.6	205.6	0- 5	4.944	4.944	0.89,0.82
10	203.6	204.4	204.9	204.9	205.3	203.8	202.5	202.3	5- 10	14.67	19.62	3.54,3.27
15	199.6	200.7	200.8	201.2	201.6	199.6	197.5	197.8	10- 15	23.95	43.56	7.86,7.26
20	193.5	194.9	195.2	195.6	196.1	193.4	191.8	191.3	15- 20	32.44	76.00	13.7,12.7
25	185.5	187.3	187.2	187.8	188.4	185.7	184.7	183.2	20- 25	39.86	115.9	20.9,19.3
30	175.7	177.8	177.2	177.8	178.7	176.5	176.7	173.6	25- 30	45.92	161.8	29.2,27
35	164.1	166.1	164.5	165.6	167.0	165.8	167.8	162.6	30- 35	50.38	212.2	38.3,35.4
40	150.7	152.6	150.4	151.3	153.1	153.6	159.0	150.6	35- 40	53.05	265.2	47.9,44.2
45	135.4	136.6	134.7	135.0	136.9	139.7	148.2	136.8	40- 45	53.79	319.0	57.6,53.2
50	118.7	119.2	117.7	117.0	119.0	123.8	131.0	121.6	45- 50	52.36	371.4	67,61.9
55	100.5	99.89	98.54	98.06	99.33	105.7	105.1	104.2	50- 55	48.42	419.8	75.8,70
60	81.59	80.29	78.53	78.24	78.63	85.16	80.06	85.27	55- 60	42.14	461.9	83.4,77
65	61.70	60.58	58.16	58.20	58.23	64.09	57.26	64.52	60- 65	34.21	496.1	89.5,82.7
70	43.27	42.23	39.54	39.71	39.32	44.22	37.52	44.46	65- 70	25.47	521.6	94.1,86.9
75	27.25	26.45	24.66	24.06	23.66	27.18	22.11	27.22	70- 75	17.01	538.6	97.2,89.8
80	14.84	14.29	12.18	13.03	12.63	14.30	9.983	14.13	75- 80	9.878	548.5	99,91.4
85	6.665	6.176	2.763	5.883	5.480	5.929	2.364	6.188	80- 85	4.732	553.2	99.8,92.2
90	3.066	0	0	0	2.794	0	0	0	85- 90	0.8924	554.1	100,92.4
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				LUMINO	US INTENSI	TY:cd				UNI	F:1m	

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%

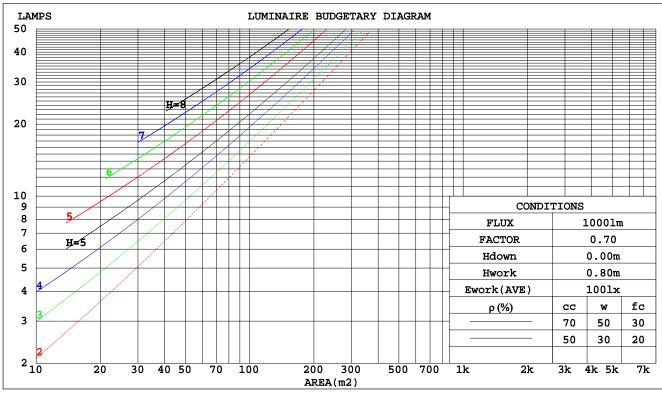
Test Distance: 6.810m [K=0.8223]



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: X-Glo-36-36v	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:Rc	om Cav	ity Rat	io		Coe	fficier	nts of	Utiliza	tion(C	U)					
0.0	1.10	1.10	1.10	1.07	1.07	1.07	1.03	1.03	1.03	.98	.98	.98	.94	.94	.94	.92
1.0	.97	.93	.90	.95	.92	.89	.91	.88	.86	.88	.85	.83	.84	.82	.81	.79
2.0	.85	.79	.74	.83	.78	.73	.80	.76	.72	.77	.73	.70	.74	.71	.68	.67
3.0	.75	.68	.62	.74	.67	.62	.71	.65	.61	.68	.64	.60	.66	.62	.59	.57
4.0	.67	.59	.53	.66	.58	.53	.63	.57	.52	.61	.56	.51	.59	.54	.50	.49
5.0	.60	.52	.46	. 59	.51	.46	.57	.50	.45	.55	.49	.45	.53	.48	.44	.42
6.0	.54	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.48	.43	.39	.37
7.0	.49	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.44	.39	.34	.33
8.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	. 29
9.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	. 28	.37	.32	.28	. 26
10.0	.38	.31	.26	.37	.30	.26	.36	.30	. 26	.36	.30	. 25	.35	. 29	.25	.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-36-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ρσσ		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 C	avity	Ratio				Wall	Exitar	nce Co	effci	ents(W	EC)			
0.0																
1.0	.264	.150	.048	.257	.147	.047	.245	.141	.045	.234	.135	.043	.224	.130	.042	
2.0	.253	.139	.043	.248	.136	.042	.237	.132	.041	.227	.127	.040	.218	.123	.039	
3.0	.237	.126	.038	.232	.124	.037	.223	.121	.037	.214	.117	.036	.206	.114	.035	
4.0	.221	.115	.034	.216	.113	.033	.208	.110	.033	.200	.108	.032	.193	.105	.032	
5.0	.206	.105	.030	.202	.104	.030	.194	.101	.030	.187	.099	.029	.181	.097	.029	
6.0	.192	.096	.028	.188	.095	.027	.182	.093	.027	.175	.091	.027	.170	.089	.027	
7.0	.179	.089	.025	.176	.088	.025	.170	.086	.025	.165	.084	.025	.159	.083	.024	
8.0	.168	.082	.023	.165	.081	.023	.160	.080	.023	.155	.078	.023	.150	.077	.022	
9.0	.158	.076	.021	.155	.076	.021	.150	.074	.021	.146	.073	.021	.142	.072	.021	
10.0	.149	.071	.020	.146	.071	.020	.142	.070	.020	.138	.069	.019	.134	.068	.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%		(
RCR	RCR:R	oom C	avity	Ratio		C	Ceilin	g Cav	ity Ex	itanc	e Coef	ficie	nts(CC	CEC)		
0.0	.176	.176	.176	.150	.150	.150	.103	.103	.103	.059	.059	.059	.019	.019	.019	
1.0	.165	.144	.126	.141	.124	.108	.097	.085	.075	.056	.049	.044	.018	.016	.014	
2.0	.157	.122	.092	.134	.105	.080	.092	.073	.056	.053	.042	.033	.017	.014	.011	
3.0	.150	.105	.070	.128	.091	.061	.088	.063	.043	.051	.037	.025	.016	.012	.008	
4.0	.143	.093	.055	.122	.080	.048	.084	.056	.034	.049	.033	.020	.016	.011	.007	
5.0	.136	.083	.045	.117	.072	.039	.080	.050	.027	.047	.030	.016	.015	.010	.005	
6.0	.129	.076	.037	.111	.065	.032	.077	.046	.023	.045	.027	.014	.014	.009	.004	
7.0	.123	.069	.031	.106	.060	.027	.073	.042	.019	.043	.025	.011	.014	.008	.004	
8.0	.118	.064	.027	.101	.055	.024	.070	.039	.017	.041	.023	.010	.013	.008	.003	
9.0	.112	.059	.024	.097	.051	.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: 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]



Uncorrected UGR Table

NAME: X-Glo-36-36v						TYPE:			WEIGHT:				
DIM.:					s	SPEC.:			SERIAL	No.:			
MFR.:					S	SUR.:			PROTECTION ANGLE:				
ceiling/ca	vity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3		
v	valls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3		
working p	lane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
Room dimens	ions		Viewe	d crossw	ise			Vi	ewed endwi	se			
x = 2H y =	= 2н	14.1	15.6	14.4	15.8	16.0	14.0	15.5	14.3	15.7	15.9		
	3н	15.3	16.6	15.6	16.9	17.1	15.0	16.4	15.3	16.6	16.8		
	4H	15.6	16.9	16.0	17.2	17.4	15.3	16.6	15.7	16.9	17.1		
	6Н	15.9	17.1	16.2	17.3	17.6	15.5	16.7	15.8	17.0	17.3		
	8Н	15.9	17.1	16.3	17.4	17.6	15.5	16.7	15.9	17.0	17.3		
	12H	15.9	17.1	16.3	17.4	17.7	15.5	16.6	15.9	16.9	17.2		
4H	2н	14.6	15.9	14.9	16.1	16.4	14.5	15.8	14.8	16.0	16.3		
	3н	15.9	17.0	16.3	17.3	17.6	15.7	16.8	16.0	17.1	17.4		
	4H	16.4	17.4	16.7	17.7	18.0	16.1	17.1	16.5	17.5	17.8		
	6н	16.7	17.6	17.1	17.9	18.3	16.4	17.3	16.8	17.6	18.0		
	8н	16.8	17.6	17.2	18.0	18.4	16.4	17.3	16.8	17.6	18.0		
	12H	16.8	17.6	17.3	18.0	18.4	16.4	17.2	16.9	17.6	18.0		
8н	4н	16.5	17.3	16.9	17.7	18.1	16.3	17.1	16.7	17.5	17.9		
	6н	16.9	17.6	17.4	18.0	18.4	16.6	17.3	17.1	17.7	18.2		
	8н	17.1	17.7	17.5	18.1	18.5	16.8	17.4	17.2	17.8	18.2		
	12H	17.2	17.7	17.7	18.1	18.6	16.8	17.3	17.3	17.8	18.3		
12H	4 H	16.5	17.3	16.9	17.6	18.0	16.3	17.0	16.7	17.4	17.8		
	6н	16.9	17.5	17.4	18.0	18.4	16.7	17.3	17.1	17.7	18.1		
	8н	17.1	17.6	17.6	18.1	18.5	16.8	17.3	17.3	17.8	18.3		
Variations	with t	he obser	ver posi	tion at s	spacings								
S = 1.0H + 0.2 / - 0.3					. 3		+ 0.2 / - 0.3						
1.5	H		+ 0	.2 / - 0	. 4			+	0.2 / - 0	. 4			
2.01	H		+ 0	.4 / - 0	. 3	+ 0.4 / - 0.4							

CIE Pub.117 Corrected 600.0 lm Total Lamp Luminous Flux.($8\log(F/F0) = -1.8$)

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]





UTILIZATION FACTORS TABLE

NAME:X-G10-36-36v	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	44	38	54	44	38	53	43	38	32
0.80	64	54	47	63	53	47	62	53	47	40
1.00	72	62	56	71	62	56	69	63	55	49
1.25	79	69	63	77	69	63	75	67	62	56
1.50	83	75	68	82	74	68	79	72	67	60
2.00	89	82	76	88	81	76	85	79	74	67
2.50	93	86	81	91	85	80	87	82	78	71
3.00	96	90	85	94	88	84	90	86	82	74
4.00	99	94	90	97	93	89	93	90	87	79
5.00	101	97	94	99	95	92	95	92	89	81
ROOM INDEX		1		UF(to	tal)	-	1	1	1	Direc
According to D	IN EN 13032	2-2 2004			Susp		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

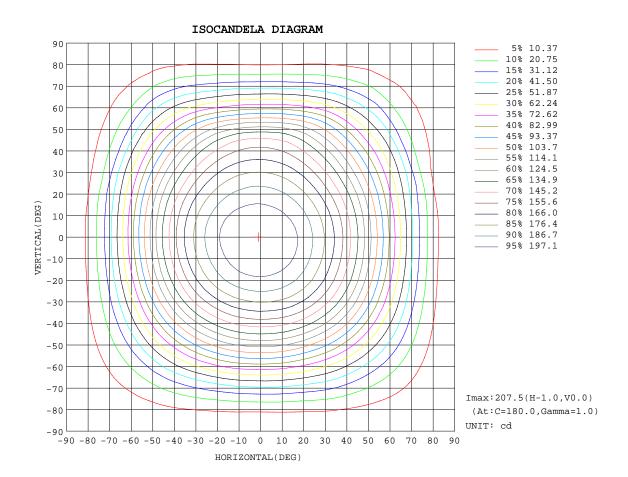
Humidity:64%

Test Distance: 6.810m [K=0.8223]



ISOCANDELA DIAGRAM

NAME: X-Glo-36-36v	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

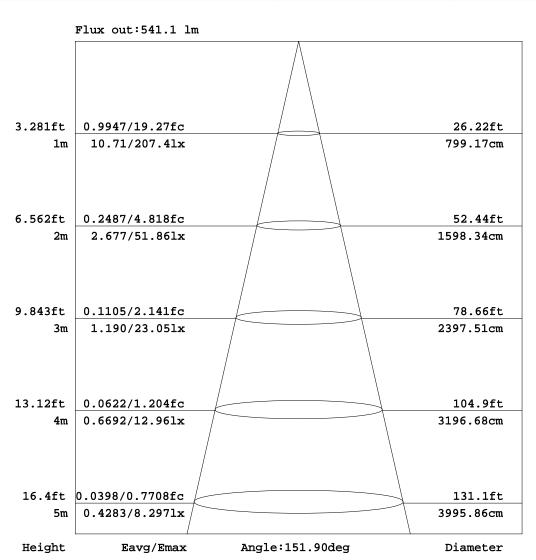
Humidity:64%

Test Distance: 6.810m [K=0.8223]



AAI Figure

NAME: X-G10-36-36v	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

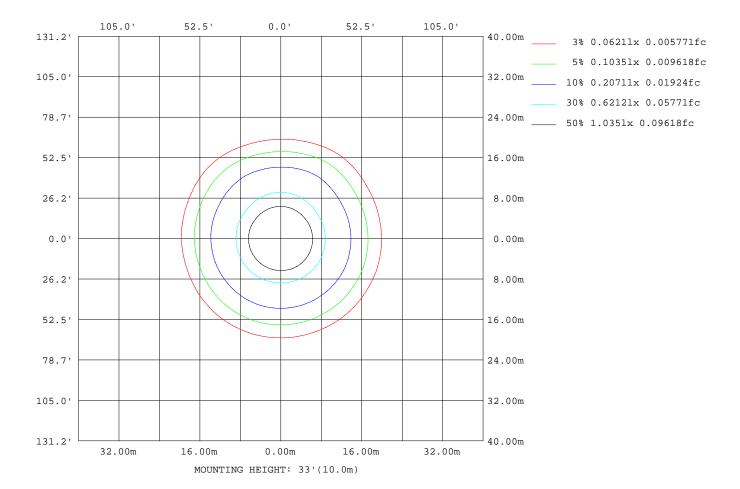
Humidity:64%

Test Distance: 6.810m [K=0.8223]



ISOLUX DIAGRAM

NAME: X-Glo-36-36v	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-36-36v	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	600	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								Сp	lane (deg)									
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1459	1460	1464	1465	1455	1447	1435	1431	1433	1432	1435	1438	1433	1427	1421	1422	1423	1431	1443
60	1360	1360	1361	1350	1341	1332	1317	1310	1311	1309	1314	1317	1317	1310	1299	1289	1286	1297	1311
65	1217	1229	1224	1206	1199	1189	1178	1156	1152	1147	1150	1150	1154	1155	1141	1124	1114	1128	1148
70	1054	1067	1058	1042	1025	1032	1019	991	978	963	963	963	963	965	963	932	923	932	958
75	877	882	869	853	848	861	856	818	808	794	792	780	785	782	765	740	732	742	762
80	712	710	690	681	683	697	686	637	607	584	598	615	633	639	611	578	573	585	606
85	637	599	598	586	592	588	514	378	299	264	299	377	502	576	527	526	501	515	524

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

CIBSE	Gamma	Average 1	Luminance	Patch Luminance					
Category	(deg)	maximum	specified	maximum	specified				
		calculated	maximum	measured	maximum				
Category 1	55 to 90	1465	200		500				
Category 2	65 to 90	1229	200		500				
Category 3	75 to 90	882	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

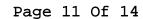
Operators:

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-36-36v	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	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
5	206	206	206	206	206	206	206	206	207	207	207	207	207	207	207	207	207	207	207
10	204	204	204	204	204	204	204	204	204	204	204	204	205	205	205	205	205	205	205
15	200	200	200	200	200	200	200	200	201	201	201	201	201	201	201	201	201	201	201
20	194	193	194	194	194	194	195	195	195	195	195	195	195	195	195	195	195	195	195
25	186	185	186	186	186	187	187	187	187	187	188	188	187	187	187	187	187	187	187
30	176	176	176	176	176	177	177	177	178	178	178	178	178	178	178	177	177	177	177
35	164	164	164	165	165	165	166	166	166	166	166	166	166	166	165	165	165	165	165
40	151	151	151	151	151	152	152	152	152	153	152	152	152	151	151	151	150	150	150
45	135	135	136	136	136	137	137	137	137	137	136	136	136	135	135	135	135	135	135
50	119	118	119	119	119	120	120	120	119	119	119	118	118	118	118	118	118	118	118
55	100	100	100	101	101	101	101	100	100	99.9	99.6	99.2	98.8	98.6	98.5	98.7	98.7	98.6	98.5
60	81.6	81.6	81.6	81.5	81.7	81.2	81.0	80.7	80.5	80.3	79.9	79.5	79.0	78.8	78.6	78.6	78.6	78.5	78.5
65	61.7	62.1	62.3	62.3	62.1	61.6	61.1	60.6	60.8	60.6	60.3	59.9	59.7	59.1	58.6	58.4	58.4	58.3	58.2
70	43.3	43.6	43.8	43.7	43.4	43.1	42.8	42.4	42.1	42.2	42.4	42.2	41.8	41.2	40.7	40.3	40.1	39.9	39.5
75	27.2	27.3	27.4	27.2	27.0	26.7	26.5	26.3	26.3	26.4	26.7	26.8	26.6	26.0	25.4	25.2	25.1	24.9	24.7
80	14.8	14.9	14.8	14.5	14.4	14.3	14.2	14.2	14.2	14.3	14.5	14.6	14.3	13.8	13.3	12.9	12.6	12.4	12.2
85	6.66	6.54	6.26	6.29	6.26	6.26	6.13	6.18	6.19	6.18	6.15	6.05	5.38	4.59	3.95	3.47	3.13	2.88	2.76
90	3.07	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

Temperature: 28.5DEG Operators:

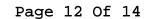
Test Date:

γ Range: 0 - 90DEG

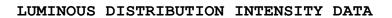
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance: 6.810m [K=0.8223]



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NAME: X-G10-36-36v	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	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
5	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
10	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205	205
15	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	202	201
20	195	195	195	195	195	195	195	196	196	196	196	196	196	196	196	196	196	196	196
25	187	187	187	187	187	187	188	188	188	188	188	188	188	188	188	188	188	188	188
30	177	177	177	177	177	177	177	178	178	178	178	178	178	178	178	179	179	179	179
35	164	164	164	165	165	165	165	165	166	166	166	166	166	166	167	167	167	167	167
40	150	150	150	150	151	151	151	151	151	152	152	152	152	152	152	153	153	153	153
45	135	135	135	135	135	135	135	135	135	135	135	136	136	136	136	137	137	137	137
50	118	118	118	118	117	117	117	117	117	117	117	117	118	118	118	118	119	119	119
55	98.6	98.8	99.0	99.0	98.7	98.6	98.4	98.2	98.1	97.8	97.8	97.9	97.7	98.0	98.0	98.5	99.0	99.3	99.8
60	78.6	78.9	79.1	79.0	78.9	79.0	78.9	78.6	78.2	78.0	77.8	77.3	77.4	77.2	77.5	77.8	78.2	78.6	79.1
65	58.1	58.3	58.4	58.3	58.4	58.5	58.6	58.6	58.2	57.9	57.6	57.0	56.7	56.5	56.8	57.2	57.7	58.2	58.5
70	39.4	39.5	39.6	39.5	39.5	39.5	39.5	39.6	39.7	39.5	38.9	38.3	38.1	37.9	38.0	38.3	38.6	39.3	39.3
75	24.6	24.6	24.5	24.2	24.3	24.4	24.4	24.3	24.1	23.8	23.3	23.0	22.8	22.7	22.8	23.0	23.3	23.7	23.5
80	12.2	12.5	12.7	12.8	13.0	13.2	13.3	13.3	13.0	12.7	12.4	12.1	12.0	11.9	11.9	12.2	12.4	12.6	10.7
85	2.85	3.12	3.49	3.94	4.53	5.25	5.91	6.03	5.88	5.51	5.50	5.50	5.49	5.24	5.28	5.39	5.58	5.48	4.60
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	2.79	0.00

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

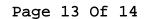
Temperature: 28.5DEG
Operators:

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

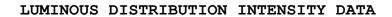
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257

Humidity:64%

Test Distance:6.810m [K=0.8223]



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NAME: X-G10-36-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

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	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
5	207	207	207	207	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206
10	205	205	205	205	204	204	204	204	204	203	203	203	203	203	203	203	202	202	202
15	201	201	201	201	200	200	200	200	199	199	199	198	198	198	198	198	198	197	197
20	196	196	195	195	195	194	194	193	193	193	192	192	192	192	192	192	192	192	191
25	188	188	188	187	187	186	186	186	186	185	185	185	185	185	185	185	185	184	184
30	179	178	178	178	177	177	177	176	177	177	177	177	177	177	177	177	177	176	176
35	167	167	166	166	166	165	166	166	166	167	167	167	168	168	168	168	168	168	167
40	153	153	153	152	152	153	153	154	154	155	156	157	158	158	159	159	159	159	158
45	137	137	137	137	137	138	138	140	141	142	144	145	146	148	148	148	148	148	148
50	119	119	119	120	120	121	122	124	125	127	129	130	130	131	131	131	131	131	132
55	100	100	101	101	102	103	104	106	107	108	109	108	107	106	106	105	105	106	107
60	79.5	79.9	80.0	80.9	81.9	83.3	84.4	85.2	85.7	85.7	84.8	83.3	81.9	80.8	80.2	79.9	80.1	80.7	81.8
65	58.9	59.3	59.5	60.4	61.7	62.8	63.5	64.1	63.7	62.8	61.5	60.0	58.7	58.0	57.6	57.2	57.3	57.8	58.6
70	39.4	37.7	37.9	39.2	41.2	43.0	43.9	44.2	43.7	42.6	41.5	40.2	39.3	38.7	38.1	37.6	37.5	37.9	38.5
75	21.1	20.8	21.3	22.2	23.5	25.5	26.9	27.2	27.1	26.5	25.5	24.4	23.6	23.2	22.7	22.2	22.1	22.4	22.9
80	9.89	10.0	10.6	11.2	12.0	12.8	13.9	14.3	14.3	14.1	13.4	12.6	11.9	11.4	10.8	10.2	9.98	10.2	10.6
85	4.27	4.16	4.26	4.30	4.65	4.86	5.41	5.93	6.18	6.10	5.20	4.43	3.82	3.25	2.81	2.49	2.36	2.49	2.75
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

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

Temperature: 28.5DEG

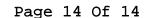
Operators: Test Date:

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]





LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: X-G10-36-36v	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table4																UNI	T: cd	
C (DEG)																		
(DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355			
0	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207			
5	206	206	206	205	206	206	206	206	206	206	206	206	206	206	206			
10	202	202	202	202	202	202	202	202	203	203	203	203	203	203	203			
15	197	197	197	197	197	198	198	198	198	198	198	199	199	199	199			
20	191	191	191	191	191	191	191	191	192	192	192	192	193	193	193			
25	184	184	184	184	183	183	183	183	184	184	184	184	184	185	185			
30	176	175	175	175	174	174	174	174	173	174	174	174	175	175	175			
35	167	166	166	165	164	163	163	162	162	162	162	162	163	163	164			
40	157	157	155	154	153	152	151	150	149	149	149	149	149	150	150			
45	147	146	144	142	140	138	137	135	135	134	134	134	134	135	135			
50	131	131	129	128	125	123	122	120	118	118	117	117	118	118	118			
55	108	109	110	110	109	106	104	102	101	99.9	99.5	99.3	99.7	99.9	100			
60	82.9	84.3	85.8	86.9	87.2	86.5	85.3	83.5	82.1	81.4	80.8	80.9	80.7	80.9	81.3			
65	59.4	60.8	62.4	63.9	65.0	64.8	64.5	63.7	62.6	62.0	61.9	61.9	61.6	61.5	61.8			
70	39.3	40.5	41.9	43.1	44.0	44.5	44.5	44.2	43.9	43.7	43.2	42.5	43.1	43.7	43.3			
75	23.4	24.2	25.3	26.3	27.0	27.1	27.2	27.3	27.2	25.9	24.7	23.5	22.9	24.3	27.2			
80	11.2	12.0	12.8	13.5	14.0	14.1	14.1	14.3	13.9	13.0	12.9	12.6	12.2	12.1	12.0			
85	3.15	3.72	4.45	5.27	5.97	6.12	6.19	6.15	5.47	4.96	4.97	5.15	5.78	6.23	6.18			
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]