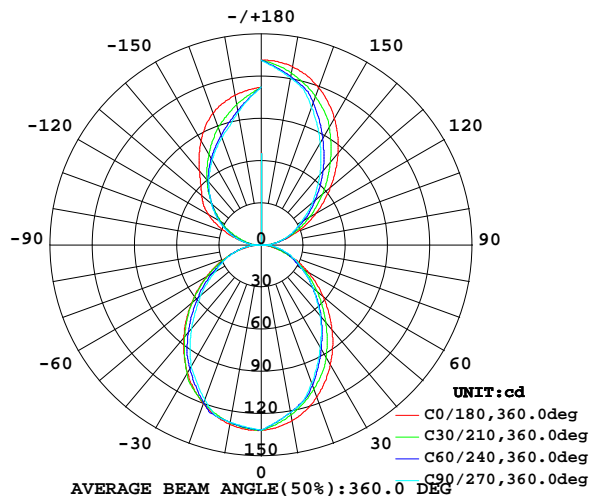


LUMINAIRE PHOTOMETRIC TEST REPORT

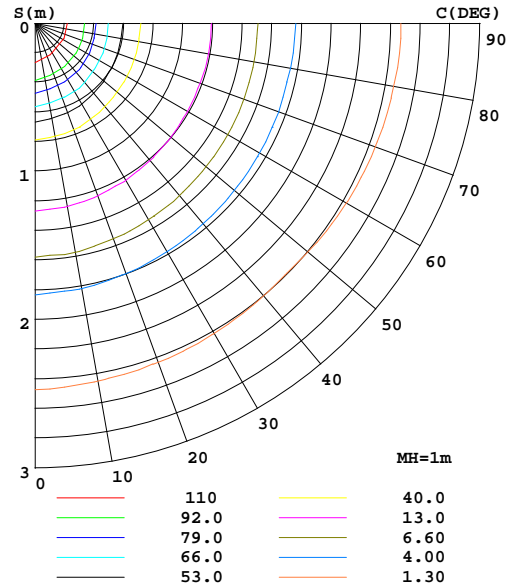
NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 46.74 lm/W
MODEL	SAMSUN 5630	I _{max} (cd)	131.9	S/MH(C0/180)	1.13	
NOMINAL POWER(W)	10.8	LOR(%)	100.0	S/MH(C90/270)	0.99	
RATED VOLTAGE(V)	0	TOTAL FLUX(lm)	560.84	h UP,DN(C0-180)	25.1,25.0	
NOMINAL FLUX(lm)	15.5789	CIE CLASS	DIFFUSE	h UP,DN(C180-360)	22.3,27.6	
LAMPS INSIDE	36	h up(%)	47.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	0.0	h down(%)	52.6	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
5	130.2	127.0	126.3	127.9	131.5	130.4	129.8	129.5	0- 5	3.107	3.107	0.55,0.55
10	126.9	121.5	120.9	123.2	129.5	128.2	127.9	126.4	5- 10	9.087	12.19	2.17,2.17
15	121.9	115.4	115.4	117.8	125.7	125.1	126.0	122.5	10- 15	14.60	26.79	4.78,4.78
20	115.4	108.7	104.9	111.7	120.3	121.2	117.3	117.9	15- 20	19.36	46.15	8.23,8.23
25	107.5	98.76	94.48	102.2	113.3	112.7	108.5	108.7	20- 25	22.98	69.12	12.3,12.3
30	98.52	88.31	84.02	92.13	105.2	103.2	99.75	98.64	25- 30	25.45	94.58	16.9,16.9
35	88.71	78.05	74.72	82.12	95.84	93.56	88.47	88.55	30- 35	26.79	121.4	21.6,21.6
40	78.49	68.22	65.42	72.40	85.90	83.74	77.19	78.45	35- 40	27.01	148.4	26.5,26.5
45	68.12	58.98	56.12	63.09	75.57	72.57	65.92	67.43	40- 45	26.21	174.6	31.1,31.1
50	57.92	50.08	48.48	54.00	65.15	61.81	56.45	56.98	45- 50	24.60	199.2	35.5,35.5
55	48.04	41.57	40.85	45.25	54.93	51.62	46.99	47.17	50- 55	22.40	221.6	39.5,39.5
60	38.60	33.74	33.22	37.39	45.14	42.31	37.52	37.97	55- 60	19.66	241.3	43.43
65	29.62	26.12	27.74	29.72	35.76	33.36	31.35	29.15	60- 65	16.59	257.8	46.46
70	21.09	19.64	22.26	22.90	26.84	25.63	25.18	21.83	65- 70	13.52	271.4	48.4,48.4
75	13.14	14.57	16.79	17.11	18.45	19.23	19.01	16.25	70- 75	10.41	281.8	50.2,50.2
80	6.161	9.715	11.31	11.44	10.67	12.98	12.84	10.92	75- 80	7.298	289.1	51.5,51.5
85	1.227	5.005	5.836	5.872	4.158	6.858	6.672	5.789	80- 85	4.332	293.4	52.3,52.3
90	0.2070	0.3775	0.3604	0.3531	0.2659	0.7886	0.5016	0.7454	85- 90	1.666	295.1	52.6,52.6
95	4.498	5.819	5.745	5.039	5.960	5.212	6.234	6.034	90- 95	1.714	296.8	52.9,52.9
100	11.00	11.31	11.13	9.803	11.16	9.730	11.97	11.35	95-100	4.381	301.2	53.7,53.7
105	18.72	16.89	16.51	14.71	18.38	14.47	17.70	16.74	100-105	7.263	308.4	55.55
110	26.95	22.59	21.90	19.83	26.49	19.54	23.43	22.25	105-110	10.26	318.7	56.8,56.8
115	35.72	29.35	27.28	26.32	35.10	25.79	29.17	28.09	110-115	13.18	331.9	59.2,59.2
120	44.90	37.03	32.67	33.92	43.43	32.80	34.90	34.06	115-120	15.91	347.8	62.62
125	54.60	44.85	40.30	41.72	50.35	39.76	40.69	39.84	120-125	18.38	366.1	65.3,65.3
130	64.63	53.52	47.94	50.37	55.45	46.08	46.48	45.91	125-130	20.43	386.6	68.9,68.9
135	74.84	62.55	55.57	59.45	61.04	52.58	52.26	52.01	130-135	21.99	408.6	72.8,72.8
140	85.09	71.85	65.03	68.84	68.50	59.31	58.20	58.26	135-140	23.06	431.6	77.77
145	95.00	81.64	74.48	78.61	77.19	66.04	64.14	64.81	140-145	23.48	455.1	81.1,81.1
150	104.2	91.73	83.94	88.76	85.88	72.74	70.08	71.40	145-150	23.14	478.2	85.3,85.3
155	112.5	101.9	94.41	99.11	93.72	79.30	75.93	77.96	150-155	21.96	500.2	89.2,89.2
160	119.4	111.4	104.9	109.0	100.2	85.19	81.78	84.67	155-160	19.88	520.1	92.7,92.7
165	124.9	117.4	115.3	115.5	104.8	92.32	87.63	92.96	160-165	16.85	536.9	95.7,95.7
170	128.8	122.8	120.7	121.6	108.2	99.03	95.88	100.3	165-170	12.89	549.8	98.98
175	131.0	127.5	126.1	126.9	110.7	105.7	104.1	106.9	170-175	8.177	558.0	99.5,99.5
180	131.4	131.4	131.4	131.4	112.4	112.4	112.4	112.4	175-180	2.842	560.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

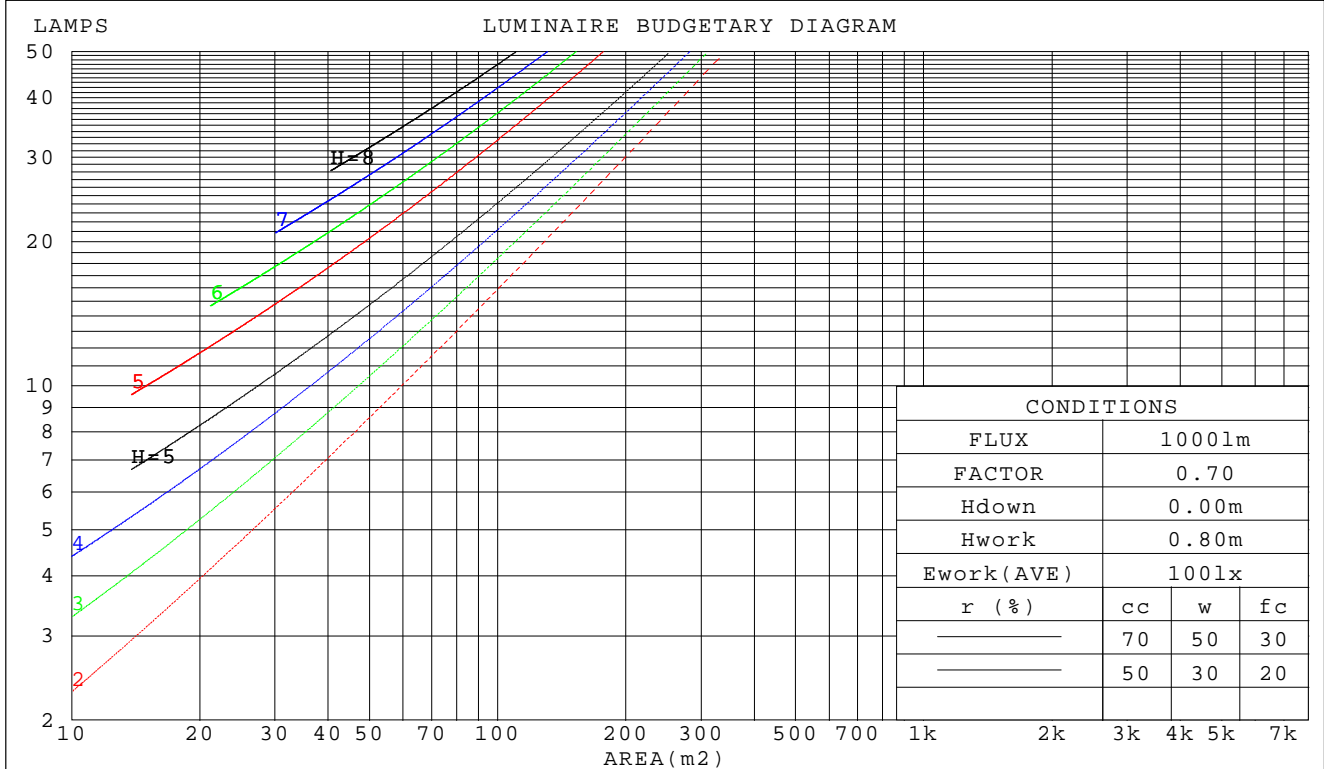
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:QLY
 Test Date:2012-09-07

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:6.120m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:QLY
 Test Date:2012-09-07

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:6.120m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

rcc	80%	70%	50%	30%	10%	0
rw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
rfc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)					
0.0						
1.0	.278 .158 .050	.256 .146 .046	.216 .124 .040	.180 .104 .033	.146 .085 .027	
2.0	.258 .141 .043	.239 .131 .041	.202 .113 .035	.169 .095 .030	.138 .078 .025	
3.0	.239 .127 .038	.221 .118 .036	.188 .102 .031	.157 .086 .026	.129 .071 .022	
4.0	.221 .115 .034	.205 .107 .032	.174 .092 .028	.146 .078 .024	.120 .065 .020	
5.0	.205 .104 .030	.190 .098 .028	.162 .084 .025	.136 .072 .021	.112 .060 .018	
6.0	.191 .096 .027	.177 .090 .026	.151 .078 .023	.127 .066 .019	.105 .055 .016	
7.0	.178 .088 .025	.166 .083 .024	.142 .072 .021	.119 .061 .018	.098 .051 .015	
8.0	.167 .082 .023	.155 .076 .022	.133 .066 .019	.112 .057 .016	.092 .047 .014	
9.0	.157 .076 .021	.146 .071 .020	.125 .062 .018	.106 .053 .015	.087 .044 .013	
10.0	.148 .071 .020	.138 .066 .019	.118 .058 .016	.100 .050 .014	.083 .042 .012	

rcc	80%	70%	50%	30%	10%	0
rw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
rfc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)					
0.0	.552 .552 .552	.471 .471 .471	.322 .322 .322	.185 .185 .185	.059 .059 .059	
1.0	.542 .520 .501	.464 .447 .431	.317 .307 .298	.183 .178 .173	.058 .057 .056	
2.0	.534 .499 .469	.458 .429 .405	.314 .297 .283	.181 .173 .166	.058 .056 .054	
3.0	.527 .483 .447	.452 .416 .388	.310 .289 .272	.179 .169 .160	.058 .055 .053	
4.0	.520 .470 .433	.446 .406 .376	.307 .283 .265	.177 .166 .157	.057 .054 .051	
5.0	.513 .461 .422	.441 .399 .367	.304 .279 .259	.176 .164 .154	.057 .053 .051	
6.0	.507 .453 .415	.436 .393 .361	.301 .275 .256	.174 .162 .152	.056 .053 .050	
7.0	.501 .447 .409	.431 .388 .357	.298 .272 .253	.173 .160 .150	.056 .052 .050	
8.0	.495 .442 .405	.426 .383 .353	.295 .269 .251	.172 .159 .149	.056 .052 .049	
9.0	.490 .437 .402	.422 .380 .351	.292 .267 .249	.170 .158 .148	.055 .052 .049	
10.0	.485 .434 .399	.418 .377 .349	.290 .265 .248	.169 .157 .148	.055 .051 .049	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: E41310						TYPE:LED WALL LIGHT					WEIGHT:				
DIM.: 170*90*40mm						SPEC.:					SERIAL No.:120907017				
MFR.:						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	12.7	13.6	13.5	14.4	15.5	12.0	12.9	12.8	13.7	14.8					
3H	13.7	14.6	14.6	15.4	16.5	13.3	14.2	14.2	15.0	16.1					
4H	14.1	14.9	14.9	15.7	16.8	14.0	14.8	14.9	15.6	16.8					
6H	14.2	14.9	15.1	15.8	16.9	14.5	15.3	15.4	16.1	17.3					
8H	14.2	14.9	15.1	15.8	16.9	14.7	15.4	15.6	16.3	17.5					
12H	14.1	14.8	15.0	15.7	16.8	14.9	15.5	15.8	16.4	17.6					
4H 2H	12.9	13.7	13.7	14.5	15.6	12.3	13.1	13.2	14.0	15.1					
3H	14.1	14.8	15.0	15.7	16.8	13.9	14.5	14.8	15.5	16.6					
4H	14.5	15.1	15.5	16.0	17.2	14.7	15.3	15.6	16.2	17.4					
6H	14.7	15.2	15.7	16.2	17.4	15.3	15.9	16.3	16.8	18.0					
8H	14.7	15.2	15.7	16.2	17.4	15.6	16.1	16.6	17.0	18.3					
12H	14.7	15.1	15.6	16.1	17.3	15.8	16.2	16.8	17.2	18.5					
8H 4H	14.6	15.1	15.6	16.1	17.3	14.8	15.2	15.7	16.2	17.4					
6H	15.0	15.4	16.0	16.3	17.6	15.6	16.0	16.6	17.0	18.2					
8H	15.0	15.4	16.0	16.4	17.7	16.0	16.3	17.0	17.3	18.6					
12H	15.0	15.3	16.0	16.3	17.6	16.3	16.6	17.3	17.6	18.9					
12H 4H	14.6	15.1	15.6	16.0	17.3	14.7	15.2	15.7	16.1	17.4					
6H	15.0	15.4	16.0	16.4	17.6	15.6	16.0	16.6	17.0	18.2					
8H	15.1	15.4	16.1	16.4	17.7	16.0	16.3	17.1	17.3	18.6					
Variations with the observer position at spacings:															
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2									
1.5H	+ 0.2 / - 0.2					+ 0.1 / - 0.2									
2.0H	+ 0.5 / - 0.5					+ 0.2 / - 0.3									

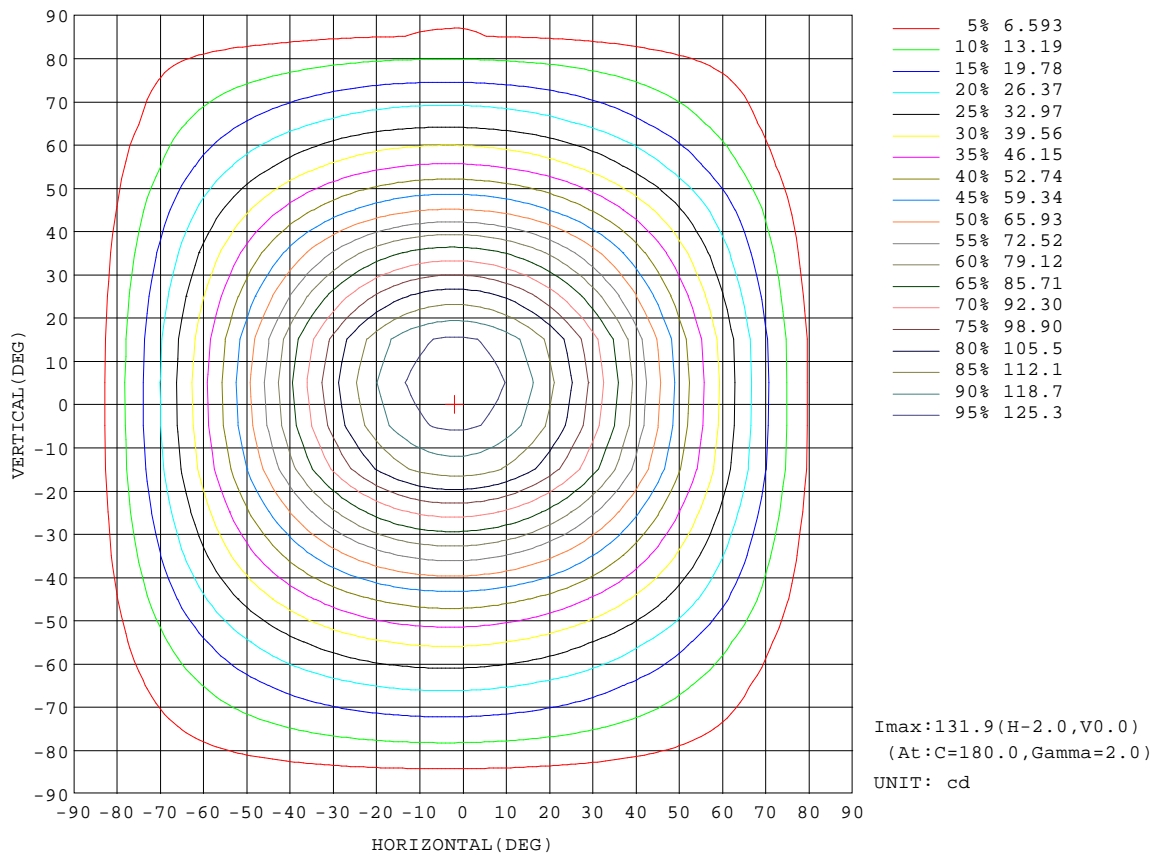
CIE Pub.117 Corrected 560.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.0)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

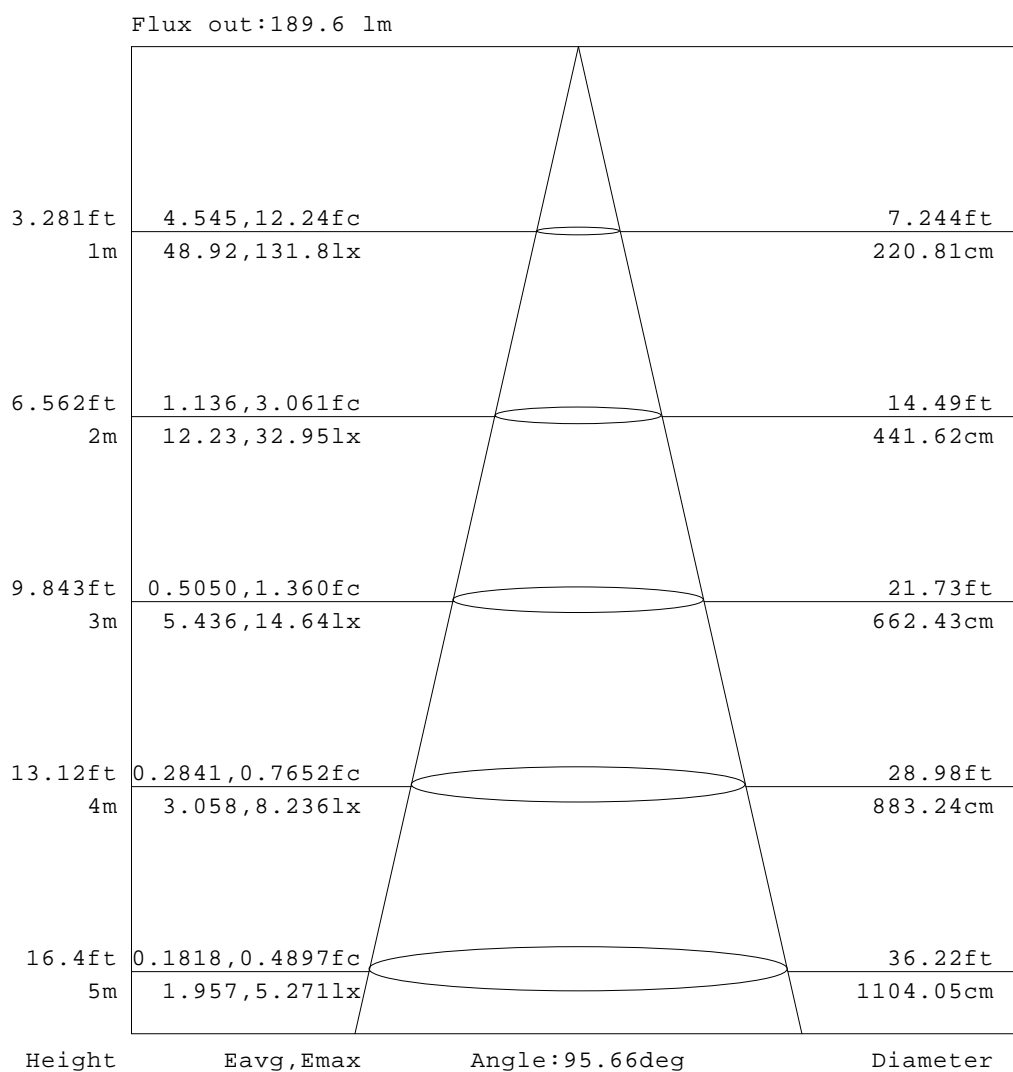


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

AAI Figure

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:



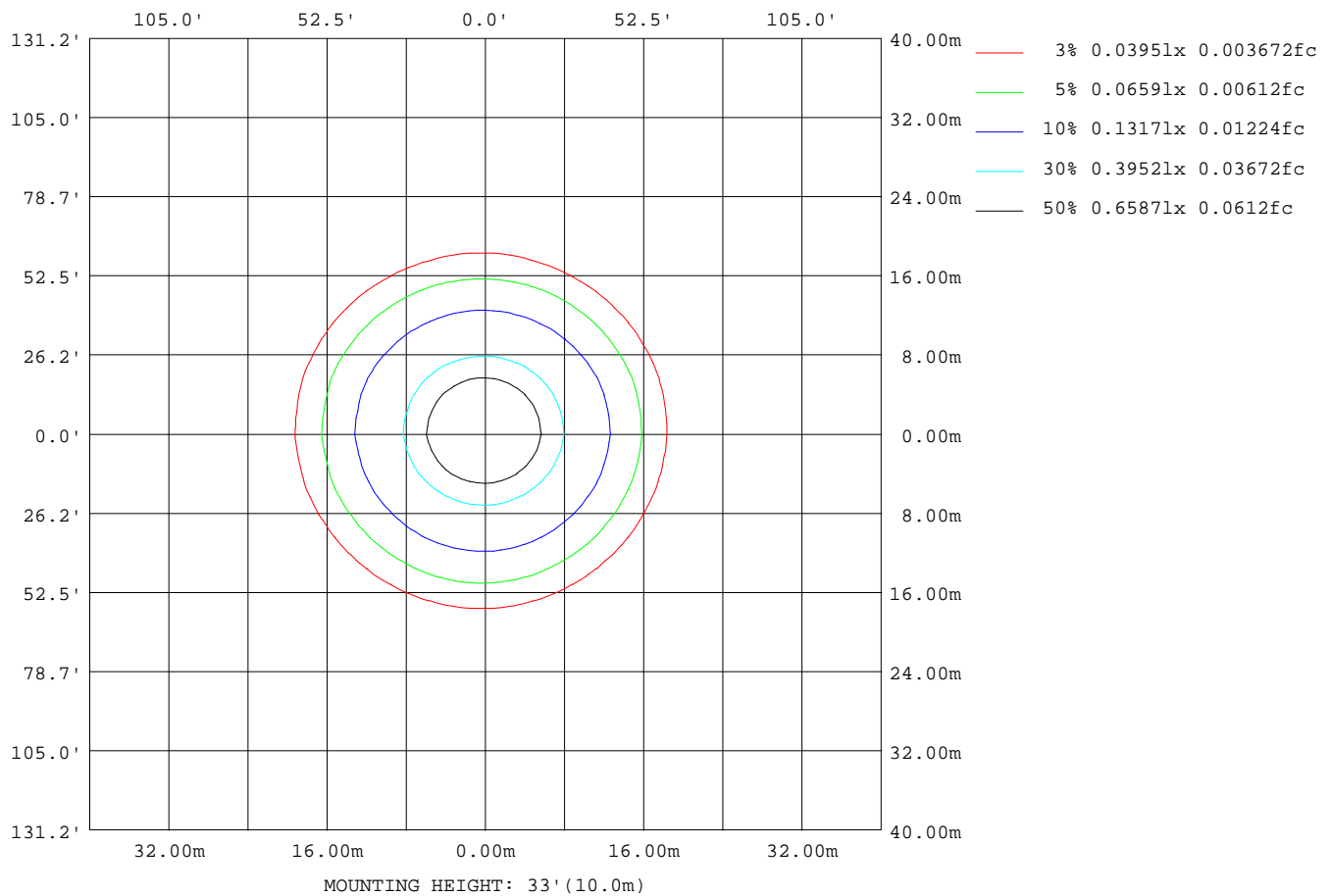
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

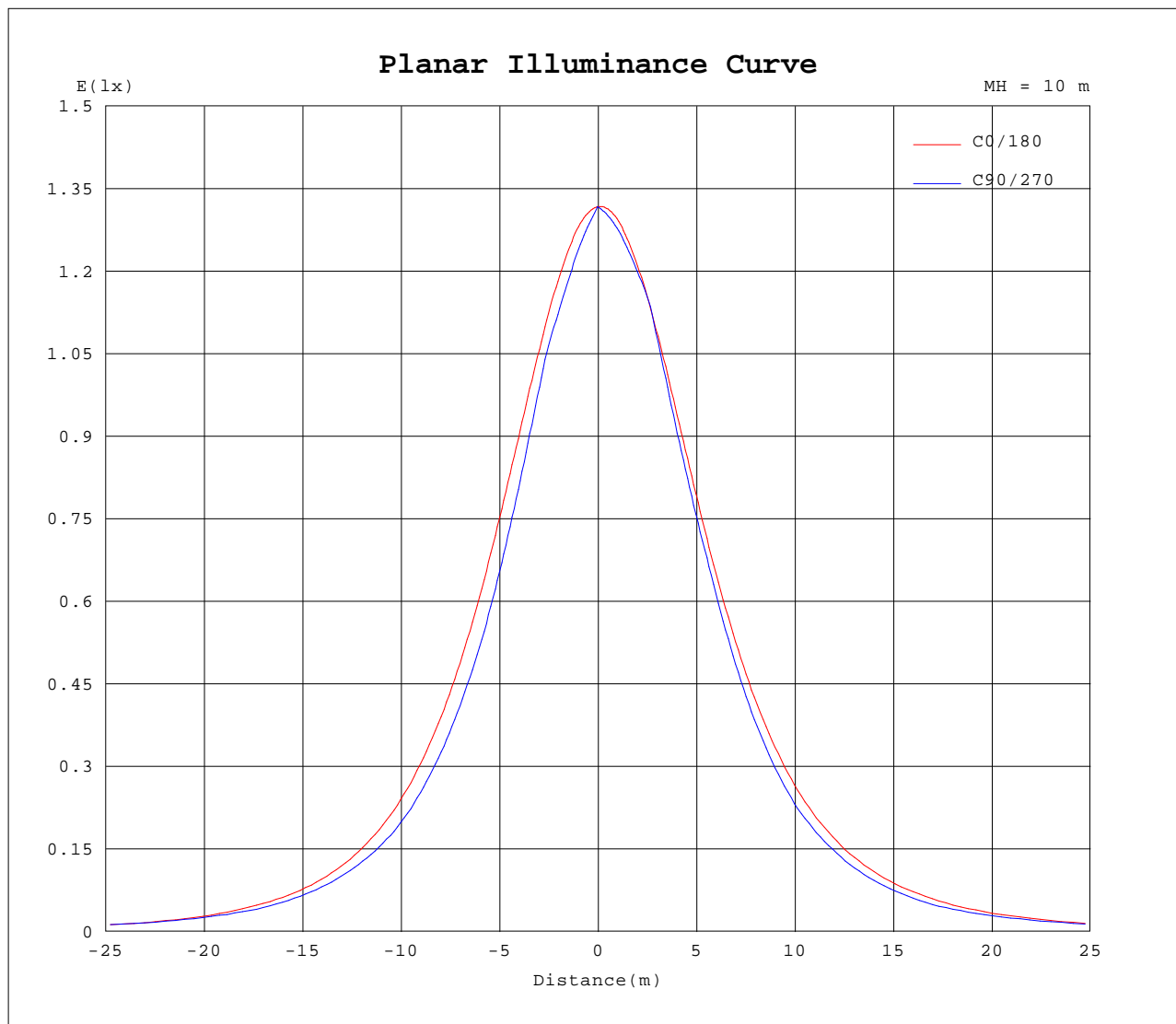
ISOLUX DIAGRAM

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:QLY
 Test Date:2012-09-07

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:65.0%
 Test Distance:6.120m [K=1.0000]
 Remarks:

Planar Illuminance Curve

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 30DEG
Operators: QLY
Test Date: 2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity: 65.0%
Test Distance: 6.120m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
5	130	130	129	129	128	128	128	128	127	127	127	127	126	126	126	126	126	126	126
10	127	126	125	124	124	123	123	122	122	122	121	121	121	121	121	121	121	121	121
15	122	121	120	119	118	117	116	116	116	115	115	115	115	115	115	115	115	115	115
20	115	114	113	111	111	110	109	109	109	109	108	107	106	106	105	105	105	105	105
25	108	106	104	103	102	102	102	101	100	98.8	97.7	96.8	96.0	95.4	94.9	94.6	94.4	94.4	94.5
30	98.5	96.7	95.3	94.3	93.6	93.3	92.5	90.9	89.5	88.3	87.3	86.4	85.6	84.9	84.4	84.1	83.9	83.9	84.0
35	88.7	86.9	85.6	84.8	84.5	83.5	81.9	80.4	79.2	78.0	77.1	76.1	75.6	75.1	74.8	74.6	74.5	74.5	74.7
40	78.5	76.7	75.7	75.2	74.6	72.9	71.5	70.3	69.2	68.2	67.4	66.8	66.3	65.9	65.5	65.3	65.2	65.2	65.4
45	68.1	66.5	65.8	65.6	64.2	62.8	61.7	60.7	59.8	59.0	58.3	57.7	57.2	56.7	56.4	56.1	56.0	56.0	56.1
50	57.9	56.6	56.1	55.6	54.2	53.3	52.4	51.5	50.8	50.1	49.4	48.8	48.4	48.2	48.1	48.1	48.2	48.3	48.5
55	48.0	47.0	46.9	45.8	45.0	44.3	43.5	42.8	42.2	41.6	41.2	40.9	40.7	40.6	40.5	40.5	40.5	40.7	40.9
60	38.6	37.8	37.7	36.8	36.3	35.6	35.1	34.6	34.1	33.7	33.4	33.2	33.0	32.9	32.9	32.9	32.9	33.0	33.2
65	29.6	29.1	28.7	28.4	27.8	27.5	27.1	26.7	26.4	26.1	25.9	25.8	26.2	26.5	26.8	27.1	27.3	27.5	27.7
70	21.1	21.0	20.4	20.2	20.0	19.7	19.4	19.2	19.1	19.6	20.1	20.5	20.9	21.2	21.4	21.7	21.9	22.1	22.3
75	13.1	13.1	12.8	12.8	12.5	12.4	12.7	13.5	14.1	14.6	15.0	15.3	15.6	15.9	16.1	16.3	16.5	16.7	16.8
80	6.16	6.07	6.12	6.05	6.46	7.44	8.23	8.85	9.33	9.72	10.0	10.3	10.5	10.7	10.9	11.0	11.1	11.2	11.3
85	1.23	1.29	1.54	2.46	3.21	3.78	4.22	4.56	4.81	5.00	5.16	5.30	5.42	5.52	5.60	5.67	5.74	5.79	5.84
90	0.21	0.35	0.58	0.60	0.55	0.51	0.48	0.46	0.41	0.38	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
95	4.50	4.59	4.55	4.97	5.28	5.50	5.66	5.76	5.79	5.82	5.83	5.85	5.85	5.85	5.84	5.82	5.80	5.78	5.74
100	11.0	10.9	10.8	10.5	10.4	10.8	11.0	11.2	11.3	11.3	11.3	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1
105	18.7	18.6	18.1	17.9	17.3	16.8	16.7	16.8	16.9	16.9	16.9	16.9	16.9	16.8	16.8	16.8	16.7	16.6	16.5
110	26.9	26.7	26.1	25.5	25.1	24.5	23.8	23.1	22.6	22.5	22.5	22.5	22.4	22.4	22.3	22.2	22.1	22.0	21.9
115	35.7	35.1	34.5	33.9	33.1	32.4	31.6	30.8	30.1	29.4	28.7	28.2	28.0	27.9	27.8	27.7	27.6	27.4	27.3
120	44.9	44.0	43.7	42.5	41.7	40.6	39.7	38.7	37.8	37.0	36.3	35.6	35.0	34.5	34.0	33.6	33.2	32.9	32.7
125	54.6	53.3	53.1	51.7	50.5	49.4	48.2	47.1	46.0	44.8	44.0	43.3	42.7	42.1	41.6	41.2	40.8	40.5	40.3
130	64.6	63.0	62.4	61.6	59.9	58.5	57.3	55.9	54.7	53.5	52.4	51.2	50.4	49.8	49.3	48.8	48.4	48.1	47.9
135	74.8	73.0	72.1	71.7	69.9	68.1	66.6	65.2	63.8	62.6	61.4	60.3	59.3	58.3	57.5	56.8	56.2	55.8	55.6
140	85.1	83.1	81.9	81.2	80.3	78.3	76.4	74.8	73.3	71.8	70.6	69.5	68.5	67.6	66.8	66.2	65.6	65.3	65.0
145	95.0	93.0	91.5	90.5	90.0	88.7	86.7	84.8	83.2	81.6	80.2	78.9	77.9	77.0	76.2	75.6	75.1	74.7	74.5
150	104	102	101	99.5	98.7	98.2	97.0	95.1	93.3	91.7	90.3	89.0	87.8	86.8	85.9	85.2	84.6	84.2	83.9
155	112	111	109	108	107	106	106	105	103	102	100	99.2	98.0	97.1	96.2	95.5	95.0	94.6	94.4
160	119	118	116	115	114	113	113	112	112	111	111	109	108	107	107	106	105	105	105
165	125	124	122	121	121	120	119	118	118	117	117	117	116	116	116	116	116	115	115
170	129	128	127	126	126	125	124	124	123	123	122	122	122	121	121	121	121	121	121
175	131	131	130	130	129	129	128	128	128	128	127	127	127	127	126	126	126	126	126
180	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
5	126	126	127	127	127	127	127	128	128	128	129	129	129	130	130	131	131	132	131
10	121	121	121	122	122	122	122	123	123	124	124	125	125	126	127	128	129	129	129
15	116	116	116	116	116	117	117	117	118	118	119	119	120	121	122	123	124	126	125
20	105	106	106	107	108	109	110	111	112	112	113	113	114	115	116	117	119	120	120
25	94.8	95.2	95.8	96.5	97.4	98.4	99.5	101	102	104	106	106	107	107	109	110	111	113	113
30	84.3	84.8	85.4	86.2	87.1	88.2	89.4	90.7	92.1	93.7	95.4	97.4	98.6	99.2	100	101	103	105	104
35	75.0	75.4	76.0	76.6	77.4	78.3	79.4	80.7	82.1	83.6	85.3	87.0	89.1	90.3	91.0	92.1	93.7	95.8	95.1
40	65.7	66.1	66.7	67.4	68.1	69.0	70.0	71.2	72.4	73.8	75.3	76.9	78.6	80.6	81.5	82.4	83.8	85.9	85.2
45	56.4	56.8	57.4	58.1	58.9	59.8	60.8	61.9	63.1	64.3	65.7	67.0	68.5	70.1	71.9	72.4	73.6	75.6	74.9
50	48.7	49.1	49.4	49.9	50.4	51.0	51.8	52.9	54.0	55.1	56.4	57.7	58.9	60.1	61.7	62.5	63.4	65.1	64.6
55	41.1	41.4	41.8	42.2	42.7	43.2	43.9	44.5	45.3	46.3	47.4	48.5	49.8	50.7	51.7	53.0	53.4	54.9	54.5
60	33.4	33.8	34.1	34.6	35.0	35.6	36.2	36.8	37.4	38.1	38.9	39.8	40.7	41.9	42.5	43.5	43.9	45.1	44.8
65	27.9	28.1	28.2	28.3	28.4	28.6	28.7	29.1	29.7	30.3	30.9	31.6	32.3	33.0	33.9	34.3	34.8	35.8	35.5
70	22.4	22.5	22.6	22.7	22.8	22.8	22.9	22.9	22.9	22.9	23.3	23.8	24.3	24.8	25.4	25.8	26.2	26.8	26.8
75	16.9	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.1	17.0	16.9	16.7	16.7	17.1	17.4	17.8	17.9	18.5	18.4
80	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.4	11.4	11.2	11.0	10.7	10.3	10.1	10.3	10.5	10.7	10.8
85	5.87	5.90	5.92	5.93	5.94	5.94	5.93	5.91	5.87	5.85	5.79	5.66	5.45	5.16	4.76	4.28	4.08	4.16	4.45
90	0.36	0.36	0.36	0.35	0.35	0.35	0.35	0.36	0.35	0.42	0.48	0.50	0.50	0.50	0.50	0.46	0.32	0.27	3.43
95	5.71	5.66	5.61	5.55	5.48	5.41	5.31	5.20	5.04	4.89	4.68	4.37	3.93	3.29	2.56	1.65	1.34	5.96	5.24
100	11.1	11.0	10.9	10.8	10.6	10.5	10.3	10.1	9.80	9.46	9.05	8.49	7.73	6.70	6.27	6.23	6.32	11.2	10.5
105	16.4	16.3	16.2	16.0	15.8	15.6	15.4	15.1	14.7	14.3	13.7	13.0	12.7	12.9	13.0	13.3	13.3	18.4	17.6
110	21.8	21.6	21.4	21.3	21.0	20.8	20.5	20.2	19.8	19.3	19.5	19.8	20.1	20.4	20.7	21.0	21.3	26.5	25.7
115	27.1	27.0	26.8	26.6	26.3	26.1	25.8	26.0	26.3	26.6	27.0	27.4	27.9	28.4	29.1	29.2	29.6	35.1	33.8
120	32.5	32.5	32.5	32.6	32.7	32.9	33.2	33.5	33.9	34.4	34.9	35.5	36.2	37.1	37.4	38.2	38.5	43.4	41.2
125	40.2	40.1	40.1	40.2	40.3	40.6	40.9	41.3	41.7	42.5	43.3	44.1	45.1	45.7	46.5	47.5	47.8	50.4	47.5
130	47.8	47.7	47.8	47.9	48.0	48.3	48.8	49.6	50.4	51.2	52.2	53.2	54.0	54.9	56.2	56.9	57.5	55.5	52.8
135	55.5	55.5	55.8	56.1	56.6	57.2	57.9	58.6	59.4	60.4	61.4	62.4	63.5	64.8	66.3	66.6	67.6	61.0	58.4
140	64.9	65.0	65.1	65.5	65.9	66.5	67.1	67.9	68.8	69.9	71.0	72.2	73.6	75.3	75.9	76.6	77.8	68.5	66.0
145	74.4	74.4	74.6	74.9	75.3	75.9	76.6	77.6	78.6	79.8	81.0	82.5	84.1	85.1	85.6	86.5	87.9	77.2	74.7
150	83.9	84.0	84.2	84.6	85.2	85.9	86.7	87.7	88.8	90.0	91.4	93.0	93.9	94.3	95.0	96.1	97.6	85.9	83.2
155	94.3	94.4	94.6	95.0	95.6	96.2	97.0	98.0	99.1	100	102	102	102	103	104	105	107	93.7	91.2
160	105	105	105	105	106	107	107	108	109	109	109	110	110	111	112	113	114	100	98.0
165	115	115	115	115	115	115	115	115	116	116	116	117	117	118	119	120	121	105	103
170	121	121	121	121	121	121	121	121	122	122	122	123	123	124	125	125	126	108	107
175	126	126	126	126	126	126	127	127	127	127	127	128	128	128	129	129	130	111	110
180	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	112	112

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
5	131	131	131	131	131	131	130	130	130	130	130	130	130	130	130	130	130	130	130
10	129	129	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
15	125	125	125	125	125	125	125	125	125	126	126	126	126	126	126	126	126	126	126
20	119	119	119	119	120	120	121	121	121	120	120	119	119	118	118	118	117	117	117
25	112	112	113	113	114	115	114	113	112	111	111	110	110	109	109	109	109	108	108
30	104	104	105	106	106	105	104	103	103	102	102	101	101	101	100	100	99.7	99.5	99.2
35	95.0	95.5	96.4	96.3	95.3	94.6	94.0	93.6	93.2	92.9	92.1	91.2	90.5	89.9	89.3	88.8	88.5	88.2	88.1
40	85.2	86.0	86.5	85.5	84.8	84.4	84.2	83.7	82.7	81.7	80.8	80.0	79.3	78.6	78.0	77.6	77.2	77.0	76.8
45	75.1	76.2	75.4	74.9	74.6	74.6	73.6	72.6	71.6	70.7	69.8	68.9	68.1	67.4	66.8	66.3	65.9	65.7	65.7
50	65.1	65.4	64.8	64.7	64.6	63.6	62.7	61.8	60.9	60.0	59.2	58.6	58.1	57.6	57.2	56.8	56.5	56.2	56.0
55	55.2	54.8	54.8	54.8	53.9	53.2	52.4	51.6	51.0	50.3	49.8	49.2	48.6	48.1	47.7	47.3	47.0	46.8	46.6
60	45.2	45.0	45.4	44.7	44.1	43.5	42.9	42.3	41.7	41.1	40.5	39.9	39.3	38.7	38.2	37.8	37.5	37.3	37.2
65	35.7	36.1	35.7	35.4	35.0	34.5	34.0	33.4	32.7	32.1	32.1	32.1	32.0	31.9	31.7	31.5	31.4	31.1	30.9
70	27.0	27.1	27.0	26.8	26.5	26.1	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.6	25.5	25.3	25.2	25.0	24.8
75	18.8	18.8	18.9	18.8	18.9	19.1	19.2	19.2	19.3	19.4	19.4	19.4	19.4	19.3	19.2	19.1	19.0	18.9	18.7
80	11.0	11.1	11.9	12.5	12.8	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.0	13.0	12.9	12.8	12.7	12.6
85	5.20	5.88	6.74	7.09	7.13	7.08	6.96	6.86	6.81	6.84	6.85	6.84	6.81	6.78	6.75	6.71	6.67	6.62	6.58
90	3.09	2.74	2.38	2.03	1.68	1.34	1.02	0.79	0.65	0.64	0.61	0.58	0.54	0.51	0.50	0.49	0.50	0.51	0.54
95	4.85	5.26	5.58	5.68	5.59	5.41	5.21	5.21	5.41	5.70	5.97	6.15	6.20	6.20	6.19	6.19	6.23	6.25	6.24
100	9.82	9.31	9.22	9.56	9.64	9.54	9.45	9.73	10.3	10.8	11.4	11.7	11.9	11.9	11.9	11.9	12.0	12.0	11.9
105	17.1	16.4	15.6	14.5	13.9	13.8	13.9	14.5	15.3	16.1	16.9	17.4	17.6	17.6	17.6	17.6	17.7	17.7	17.7
110	25.0	24.0	22.8	21.2	19.9	19.0	18.7	19.5	20.6	21.6	22.5	23.1	23.3	23.3	23.3	23.3	23.4	23.5	23.4
115	32.6	31.0	29.1	27.5	26.5	25.7	25.5	25.8	26.4	27.3	28.3	28.9	29.0	29.0	29.0	29.0	29.2	29.2	29.1
120	39.4	37.1	35.2	33.7	32.9	32.9	32.7	32.8	33.1	33.7	34.3	34.6	34.8	34.8	34.7	34.7	34.9	35.0	34.9
125	45.1	42.9	41.1	39.8	39.2	39.3	39.6	39.8	39.7	39.9	40.2	40.4	40.5	40.6	40.6	40.6	40.7	40.8	40.7
130	50.6	48.6	47.0	46.2	46.1	46.0	46.1	46.1	46.1	46.1	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.6	46.5
135	56.4	54.9	53.9	53.4	53.1	53.0	52.8	52.6	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.3	52.4	52.4
140	64.1	62.8	61.7	60.9	60.3	59.9	59.5	59.3	59.1	59.0	58.8	58.7	58.5	58.4	58.5	58.3	58.2	58.2	58.3
145	72.6	70.9	69.5	68.4	67.5	66.8	66.3	66.0	65.8	65.5	65.3	64.9	64.5	64.6	64.4	64.1	64.1	64.0	64.1
150	81.0	79.0	77.3	75.8	74.6	73.9	73.3	72.7	72.2	71.9	71.3	70.8	70.7	70.6	70.3	70.0	70.1	69.9	70.0
155	88.9	86.9	85.1	83.6	82.1	80.7	79.9	79.3	78.6	77.8	77.2	77.1	76.9	76.4	76.1	76.0	75.9	75.9	76.0
160	95.9	93.9	92.2	90.6	89.2	87.9	86.5	85.2	84.3	83.8	83.6	83.2	82.6	82.2	82.1	82.0	81.8	81.8	82.0
165	101	99.6	98.1	96.7	95.4	94.2	93.2	92.3	91.6	90.8	90.0	89.2	88.6	88.3	88.1	87.9	87.6	87.6	87.9
170	106	105	104	103	102	101	99.8	99.0	98.3	97.7	97.2	96.8	96.5	96.3	96.1	95.9	95.9	95.9	96.2
175	109	109	108	108	107	107	106	106	105	105	105	105	104	104	104	104	104	104	104
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: E41310	TYPE:LED WALL LIGHT	WEIGHT:
DIM.: 170*90*40mm	SPEC.:	SERIAL No.:120907017
MFR.:	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132				
5	130	130	130	130	130	129	129	129	130	130	130	130	130	130	130				
10	128	127	127	127	127	127	126	126	126	126	126	126	126	126	127				
15	125	125	124	124	123	123	123	122	122	121	121	121	121	121	122				
20	117	117	117	117	118	118	118	117	116	116	115	115	115	115	115				
25	108	108	108	108	108	108	109	109	110	109	108	107	107	107	107				
30	99.0	98.7	98.6	98.4	98.4	98.4	98.6	99.0	99.5	100	100	98.9	98.2	97.8	97.9				
35	88.1	88.1	88.3	88.5	88.8	88.6	88.5	88.6	88.9	89.4	90.1	89.9	88.8	88.2	88.2				
40	76.8	76.9	77.1	77.3	77.6	78.0	78.4	78.5	78.4	78.6	79.0	79.9	79.1	78.2	78.0				
45	65.7	65.9	66.1	66.4	66.7	67.0	67.4	67.9	68.4	68.2	68.3	68.7	69.4	68.1	67.7				
50	55.9	55.9	55.9	56.0	56.2	56.6	57.0	57.3	57.7	58.3	58.1	58.1	58.7	58.2	57.6				
55	46.5	46.5	46.5	46.6	46.7	46.9	47.2	47.5	47.7	48.0	48.4	48.3	48.4	48.7	47.8				
60	37.2	37.2	37.3	37.4	37.6	37.8	38.0	38.2	38.5	38.6	38.7	39.1	38.8	39.2	38.5				
65	30.6	30.2	29.8	29.4	28.9	28.9	29.2	29.4	29.6	29.8	29.9	29.9	30.1	29.9	29.7				
70	24.5	24.2	23.8	23.4	23.0	22.4	21.8	21.2	21.2	21.4	21.5	21.6	21.4	21.3	21.4				
75	18.5	18.3	18.0	17.6	17.2	16.8	16.2	15.7	15.0	14.1	13.7	13.7	13.7	13.5	13.4				
80	12.5	12.3	12.1	11.9	11.6	11.3	10.9	10.5	10.1	9.43	8.56	7.25	6.55	6.54	6.31				
85	6.53	6.46	6.36	6.24	6.11	5.95	5.79	5.66	5.51	5.24	4.80	4.08	3.17	2.21	1.49				
90	0.56	0.59	0.60	0.63	0.65	0.67	0.75	0.91	1.14	1.33	1.52	1.70	1.88	2.04	1.84				
95	6.22	6.19	6.15	6.11	6.04	5.98	6.03	6.19	6.37	6.57	6.80	6.93	6.83	6.55	6.82				
100	11.9	11.8	11.7	11.6	11.5	11.3	11.3	11.5	11.7	11.9	12.2	12.5	12.9	13.4	13.5				
105	17.5	17.4	17.3	17.2	17.0	16.8	16.7	16.9	17.1	17.3	18.2	19.6	20.8	21.1	21.6				
110	23.2	23.1	22.9	22.8	22.6	22.3	22.2	22.4	23.1	24.1	25.5	27.1	28.3	29.2	30.0				
115	28.9	28.8	28.6	28.5	28.3	28.0	28.1	28.6	29.6	31.0	32.4	33.8	35.5	37.2	38.2				
120	34.7	34.5	34.3	34.1	33.8	33.8	34.1	34.7	35.9	37.2	38.6	40.3	42.4	44.8	46.1				
125	40.6	40.4	40.0	39.8	39.5	39.4	39.8	40.8	41.9	43.3	44.9	46.9	49.3	51.8	53.6				
130	46.4	46.3	45.9	45.6	45.3	45.4	45.9	46.8	48.0	49.4	51.3	53.6	56.1	58.3	60.5				
135	52.3	52.3	52.0	51.7	51.5	51.6	52.0	53.0	54.2	55.8	57.8	60.1	62.6	64.6	66.9				
140	58.3	58.2	58.1	57.9	57.8	57.9	58.3	59.1	60.6	62.3	64.2	66.4	68.5	70.7	73.1				
145	64.2	64.2	64.3	64.2	64.2	64.4	64.8	65.6	66.8	68.5	70.4	72.5	74.8	77.2	79.8				
150	70.2	70.3	70.4	70.6	70.7	71.0	71.4	72.1	73.0	74.4	76.5	79.1	81.7	84.4	87.3				
155	76.2	76.4	76.6	76.8	77.1	77.5	78.0	78.6	79.4	81.5	83.8	86.2	88.8	91.7	94.8				
160	82.2	82.4	82.7	83.1	83.5	83.8	84.7	86.1	87.7	89.5	91.5	93.7	96.1	98.6	101				
165	88.4	88.9	89.4	90.0	90.9	91.9	93.0	94.2	95.5	96.9	98.5	100	102	104	106				
170	96.6	97.0	97.6	98.2	98.8	99.5	100	101	102	103	105	106	107	109	110				
175	105	105	105	106	106	106	107	108	108	109	109	110	111	111	112				
180	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:QLY
Test Date:2012-09-07

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:65.0%
Test Distance:6.120m [K=1.0000]
Remarks: