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Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	21665.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of I <sub>max</sub>	20.1V x 19.8H
	At 50% of I <sub>max</sub>	9.5V x 9.4H
	At 90% of I <sub>max</sub>	3.3V x 4.4H

Beam Flux	Total	1001.6 lumens per klm.
	To 10% of I <sub>max</sub>	691.7 lumens per klm.
	To 50% of I <sub>max</sub>	323.9 lumens per klm.
	To 90% of I <sub>max</sub>	64.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.2 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:pyj  
Test Date:2013-02-28

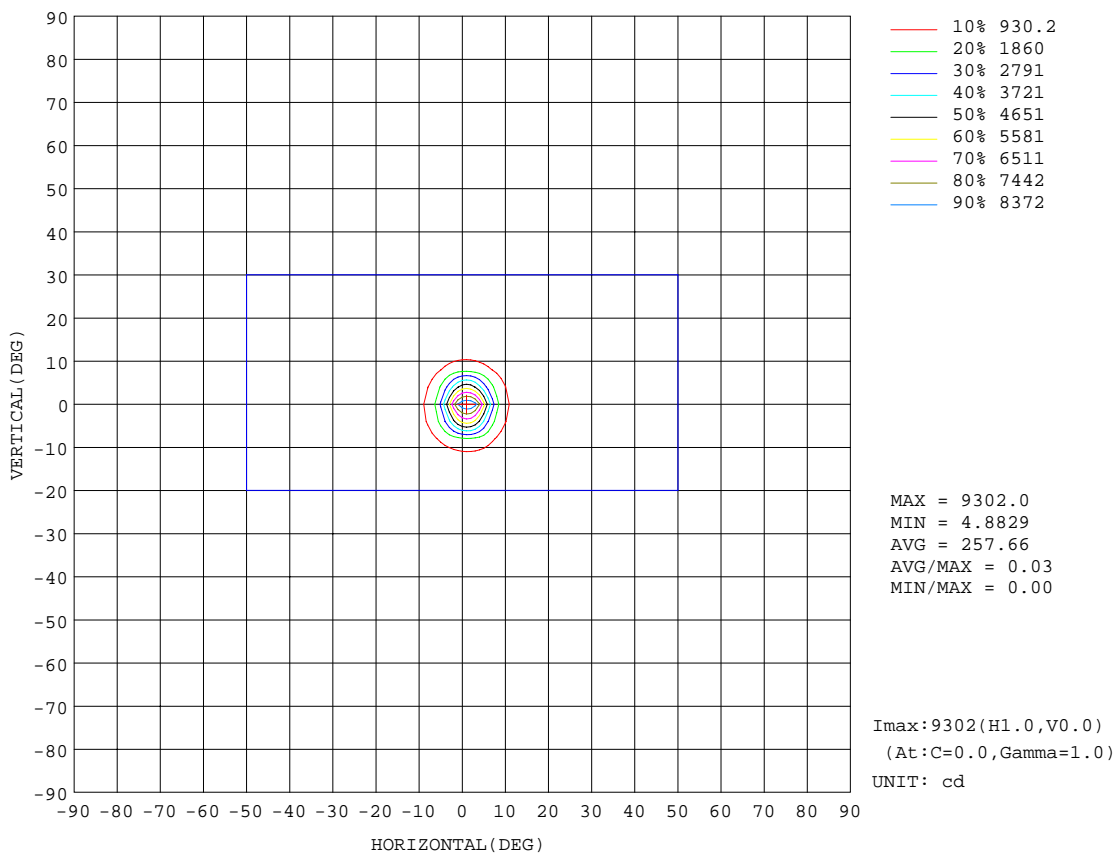
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V(B) Range:-60 - 60DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
Humidity:65.0%  
Test Distance:8.100m [K=1.0000]  
Remarks:



### ISOCANDELA DIAGRAM

Test:U:120.0V I:0.3032A P:21.90W PF:0.6015 Lamp Flux:429.34x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2012112601
MFR.:	SUR.:	PROTECTION ANGLE:

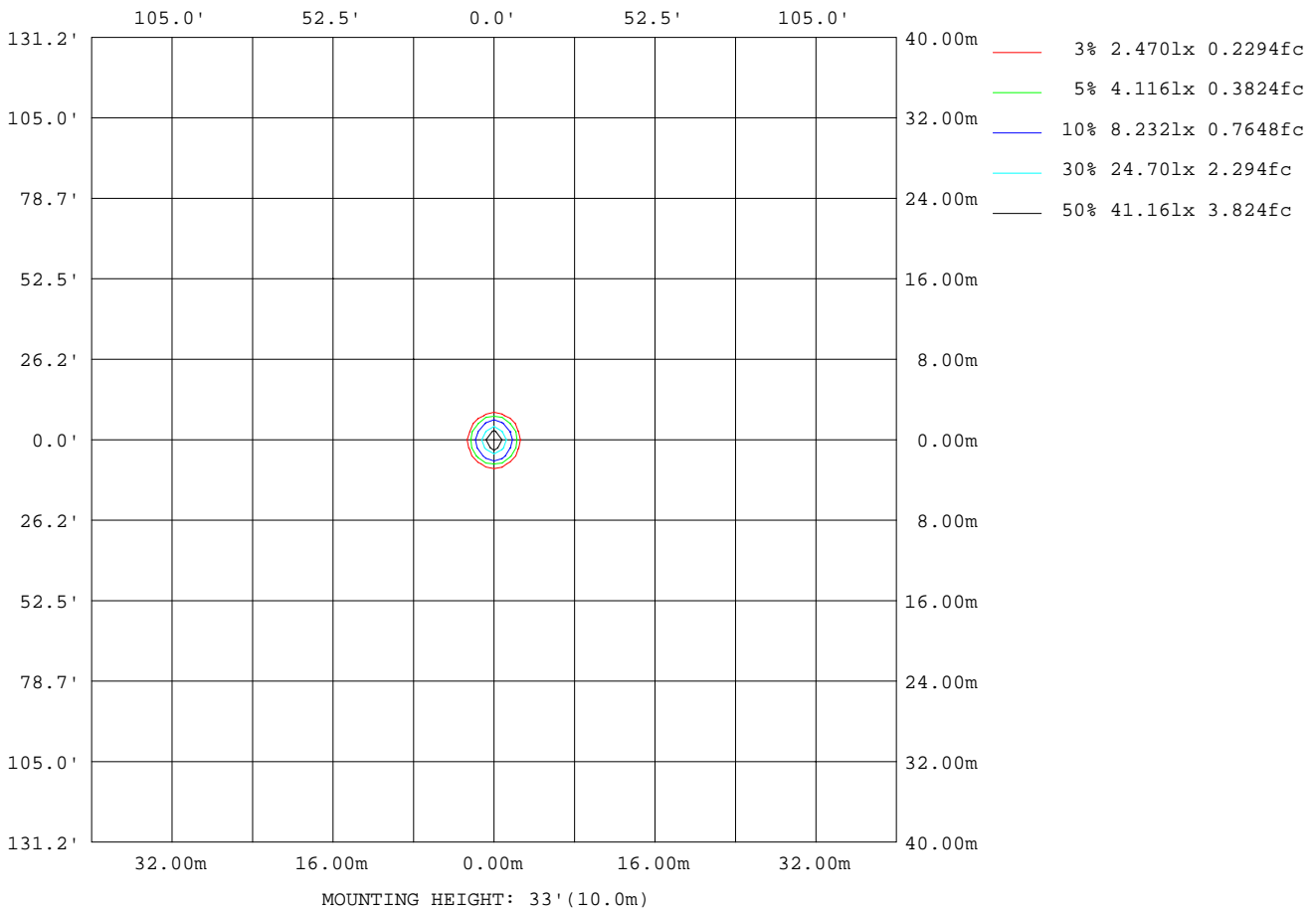


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:pyj  
 Test Date:2013-02-28

V(B) Range:-60 - 60DEG  
 V(B) Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:120.0V I:0.3032A P:21.90W PF:0.6015 Lamp Flux:429.34x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2012112601
MFR.:	SUR.:	PROTECTION ANGLE:

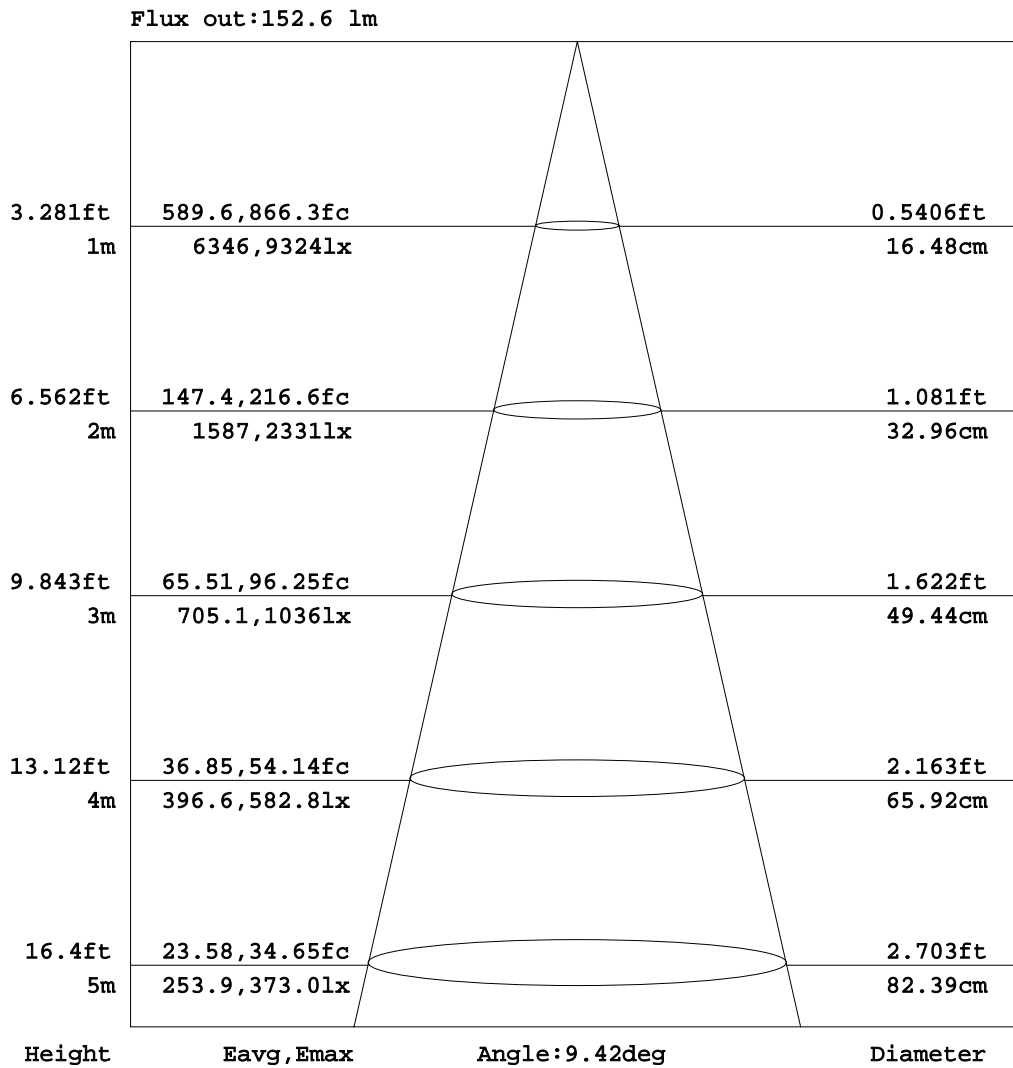


**H( $\beta$ ) Range:** -90 - 90DEG  
**H( $\beta$ ) Interval:** 1.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:** pyj  
**Test Date:** 2013-02-28

**V(B) Range:** -60 - 60DEG  
**V(B) Interval:** 2.0DEG  
**Test System:** EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
**Humidity:** 65.0%  
**Test Distance:** 8.100m [K=1.0000]  
**Remarks:**

## AAI Figure

Test:U:120.0V I:0.3032A P:21.90W PF:0.6015 Lamp Flux:429.34x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2012112601
MFR.:	SUR.:	PROTECTION ANGLE:

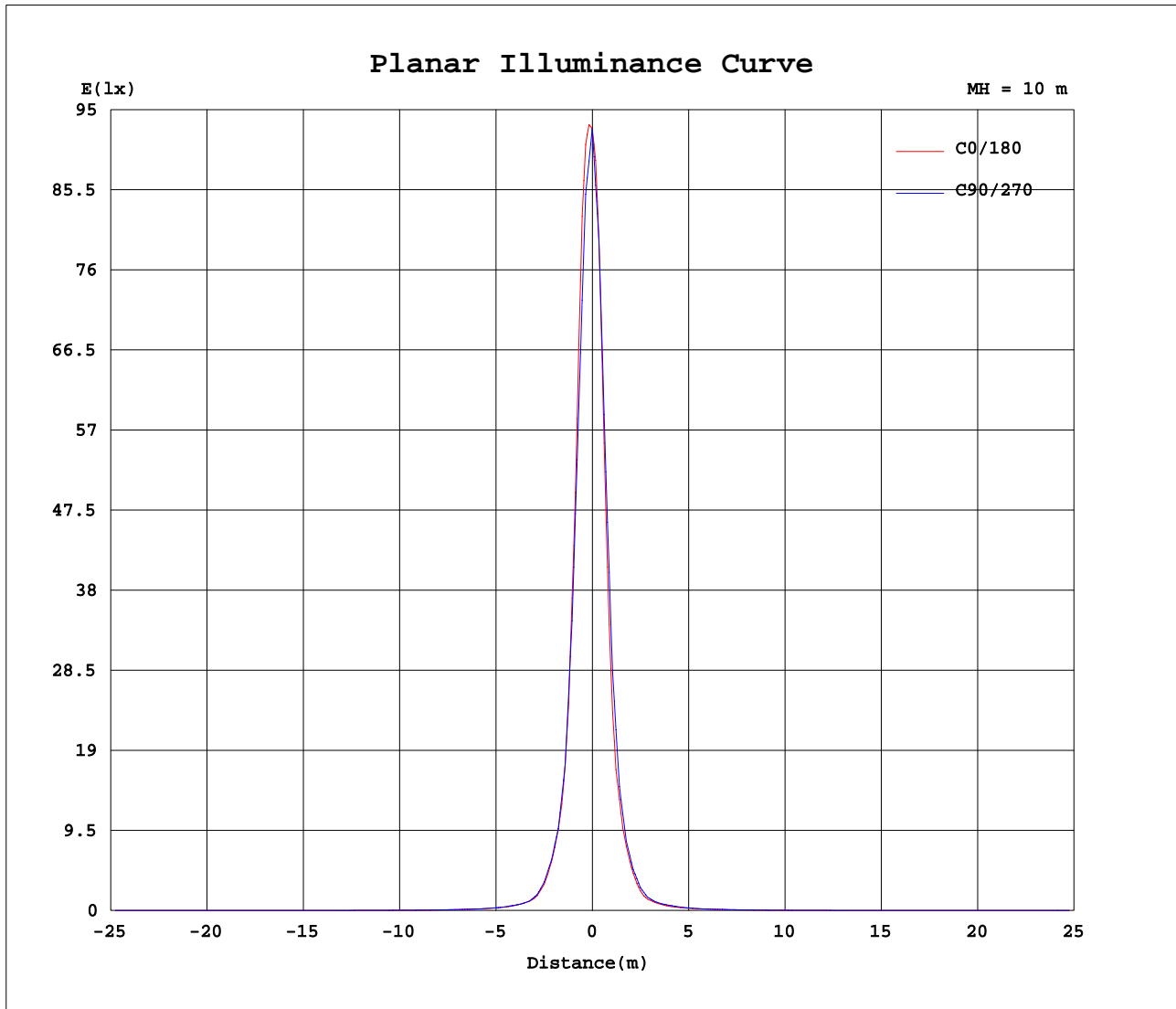


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:pyj  
Test Date:2013-02-28

V(B) Range:-60 - 60DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
Humidity:65.0%  
Test Distance:8.100m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:pyj  
Test Date:2013-02-28

V(B) Range:-60 - 60DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
Humidity:65.0%  
Test Distance:8.100m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3032A P:21.90W PF:0.6015 Lamp Flux:429.34x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2012112601
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1 UNIT: cd

H( DEG ) V( DEG )	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-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
-85	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
-80	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
-75	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
-70	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
-65	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
-60	0.00	0.00	0.06	0.23	0.39	0.56	0.77	0.97	1.12	1.36	1.59	1.92	2.36	2.89	3.15	3.30	3.59	3.76	3.90
-55	0.00	0.00	0.11	0.31	0.49	0.71	0.92	1.19	1.43	1.91	2.37	2.88	3.42	3.96	4.36	4.58	4.93	5.22	5.41
-50	0.00	0.00	0.25	0.46	0.69	0.98	1.22	1.58	2.01	2.90	3.67	4.52	5.15	5.67	6.27	6.58	7.05	7.48	7.67
-45	0.00	0.01	0.26	0.50	0.77	1.09	1.41	1.98	2.71	3.63	4.51	5.48	6.34	7.25	8.08	8.71	9.46	10.2	10.5
-40	0.00	0.00	0.23	0.49	0.83	1.15	1.59	2.33	3.54	4.55	5.47	6.70	7.83	9.36	10.6	11.7	12.8	14.0	14.7
-35	0.00	0.01	0.28	0.55	0.90	1.29	1.81	2.84	4.06	5.10	6.37	7.97	9.67	11.6	13.7	15.8	18.1	20.4	21.8
-30	0.00	0.07	0.40	0.72	1.09	1.60	2.41	3.87	5.03	6.18	8.16	10.3	12.9	15.6	19.0	22.8	26.7	30.6	32.5
-25	0.00	0.06	0.39	0.73	1.13	1.70	2.82	4.24	5.54	7.01	9.39	12.2	15.4	19.4	24.9	31.5	38.1	44.9	49.1
-20	0.00	0.03	0.38	0.73	1.15	1.73	2.96	4.31	5.96	7.56	10.4	13.8	18.2	24.7	34.2	46.4	63.3	84.1	97.8
-15	0.02	0.04	0.39	0.75	1.20	1.80	3.18	4.90	6.28	8.09	11.3	15.2	20.7	30.0	43.0	65.4	107	162	210
-10	0.00	0.14	0.48	0.90	1.45	2.15	3.84	5.37	6.94	9.43	13.1	18.2	26.8	40.7	66.7	132	331	769	1027
-5	0.00	0.14	0.48	0.91	1.49	2.25	3.95	5.46	7.10	9.71	13.6	19.0	29.0	45.0	80.9	179	652	1842	3524
0	0.00	0.07	0.43	0.83	1.36	2.04	3.64	5.16	6.77	9.13	12.8	18.1	27.7	43.5	78.5	173	709	2910	9089
5	0.00	0.06	0.41	0.81	1.33	2.02	3.59	5.10	6.68	9.01	12.6	17.8	27.0	42.3	74.6	155	567	1940	5072
10	0.00	0.15	0.48	0.91	1.45	2.18	3.77	5.26	6.85	9.12	12.5	17.6	26.3	40.1	64.2	119	268	643	858
15	0.00	0.12	0.45	0.87	1.39	2.06	3.63	5.13	6.70	8.65	11.7	16.3	23.2	34.1	50.3	82.8	139	236	299
20	0.00	0.06	0.39	0.75	1.19	1.79	3.02	4.62	6.12	7.63	9.84	13.1	17.3	23.5	33.1	45.0	60.3	79.2	93.9
25	0.00	0.03	0.35	0.68	1.11	1.68	2.73	4.37	5.78	7.20	8.97	11.5	15.1	19.6	26.1	34.4	43.5	52.3	59.9
30	0.00	0.10	0.18	0.74	1.14	1.67	2.55	4.02	5.44	6.71	8.00	9.96	12.6	15.4	18.6	22.6	26.4	29.5	31.4
35	0.00	0.07	0.23	0.67	1.07	1.54	2.27	3.53	4.86	6.02	7.20	8.91	10.9	13.2	15.7	18.5	21.0	23.1	24.6
40	0.00	0.00	0.25	0.51	0.88	1.25	1.74	2.54	3.79	4.80	5.80	7.04	8.08	9.54	11.1	12.2	12.8	13.6	14.2
45	0.00	0.00	0.24	0.49	0.81	1.16	1.57	2.22	3.12	4.06	5.07	6.10	7.04	8.13	9.24	10.1	10.5	11.0	11.5
50	0.00	0.04	0.27	0.49	0.76	1.06	1.42	1.80	2.23	3.15	4.14	4.87	5.61	6.09	6.57	6.94	7.10	7.26	7.54
55	0.00	0.03	0.24	0.43	0.66	0.93	1.25	1.56	1.88	2.55	3.25	3.79	4.45	4.96	5.36	5.61	5.73	5.89	6.11
60	0.00	0.00	0.14	0.32	0.48	0.67	0.93	1.16	1.32	1.58	1.87	2.10	2.59	3.20	3.51	3.60	3.63	3.82	3.94
65	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
70	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
75	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
80	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
85	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
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

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:pyj  
Test Date:2013-02-28

V(B) Range:-60 - 60DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
Humidity:65.0%  
Test Distance:8.100m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3032A P:21.90W PF:0.6015 Lamp Flux:429.34x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2012112601
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

V( DEG ) \ H( DEG )	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-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
-85	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
-80	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
-75	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
-70	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
-65	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
-60	3.80	3.63	3.57	3.55	3.27	2.75	2.18	1.81	1.56	1.25	0.99	0.75	0.50	0.31	0.16	0.01	0.00	0.00	0.00
-55	5.23	5.04	4.93	4.78	4.36	3.81	3.23	2.76	2.23	1.67	1.26	0.95	0.61	0.38	0.20	0.03	0.00	0.00	0.00
-50	7.34	7.09	6.95	6.47	5.86	5.24	4.70	4.00	3.05	2.13	1.59	1.15	0.71	0.44	0.21	0.02	0.00	0.00	0.00
-45	10.1	9.67	9.35	8.55	7.47	6.45	5.69	4.77	3.72	2.79	2.05	1.36	0.87	0.53	0.27	0.06	0.00	0.00	0.00
-40	14.3	13.7	13.1	12.0	10.3	8.51	7.37	6.18	4.92	3.98	2.98	1.84	1.23	0.74	0.42	0.17	0.00	0.00	0.00
-35	21.1	19.6	17.8	15.3	12.8	10.4	8.58	7.07	5.70	4.53	3.40	2.25	1.35	0.81	0.46	0.18	0.00	0.00	0.00
-30	30.7	27.9	23.9	19.6	15.9	12.7	9.89	8.09	6.57	5.10	3.79	2.52	1.39	0.81	0.44	0.14	0.00	0.00	0.00
-25	44.7	39.4	32.4	25.5	19.3	14.7	11.4	8.91	7.08	5.57	4.18	2.79	1.54	0.93	0.50	0.19	0.00	0.00	0.00
-20	91.7	72.9	52.9	39.7	28.6	20.0	14.8	10.9	8.35	6.52	4.93	3.52	2.01	1.19	0.63	0.24	0.00	0.00	0.00
-15	187	128	79.7	51.0	35.1	23.6	16.6	12.0	8.78	6.72	5.11	3.70	2.21	1.26	0.68	0.28	0.01	0.00	0.00
-10	788	322	129	68.0	42.0	26.8	17.8	12.4	8.94	6.71	5.08	3.64	2.15	1.20	0.62	0.21	0.00	0.00	0.00
-5	1902	621	177	83.5	46.9	28.9	18.6	12.9	9.08	6.86	5.16	3.72	2.23	1.25	0.66	0.24	0.00	0.00	0.00
0	5889	1162	309	108	55.3	33.4	20.7	14.2	10.0	7.48	5.57	4.11	2.63	1.40	0.74	0.30	0.00	0.00	0.00
5	3178	948	253	100	52.1	32.5	20.3	13.9	9.95	7.45	5.58	4.12	2.57	1.40	0.75	0.31	0.01	0.00	0.00
10	656	296	126	66.3	40.8	26.5	17.3	12.5	9.19	6.90	5.11	3.69	2.11	1.22	0.62	0.22	0.00	0.00	0.00
15	241	145	86.1	52.0	34.9	23.2	15.8	11.6	8.77	6.62	4.97	3.47	1.98	1.17	0.60	0.22	0.00	0.00	0.00
20	87.9	70.1	52.4	38.8	28.1	20.2	14.4	11.0	8.42	6.48	4.88	3.46	2.08	1.21	0.64	0.25	0.00	0.00	0.00
25	56.8	47.5	38.2	29.7	22.4	17.1	12.7	9.83	7.73	5.93	4.46	3.21	1.89	1.17	0.63	0.26	0.00	0.00	0.00
30	30.0	26.4	22.6	18.9	15.5	12.5	9.65	7.78	6.17	4.88	3.72	2.53	1.50	0.92	0.47	0.16	0.00	0.00	0.00
35	23.6	21.0	18.2	15.5	13.0	10.7	8.40	6.90	5.56	4.42	3.30	2.19	1.38	0.85	0.45	0.15	0.00	0.00	0.00
40	14.1	13.1	11.9	10.7	9.42	8.30	6.73	5.79	4.82	3.95	2.89	1.82	1.29	0.84	0.47	0.20	0.00	0.00	0.00
45	11.4	10.7	9.72	8.85	7.95	7.00	5.83	5.01	4.14	3.28	2.38	1.59	1.12	0.73	0.41	0.15	0.00	0.00	0.00
50	7.38	6.98	6.40	6.07	5.64	4.91	4.38	3.69	2.96	2.11	1.54	1.16	0.82	0.52	0.25	0.04	0.00	0.00	0.00
55	5.99	5.66	5.23	4.94	4.57	3.98	3.47	2.91	2.37	1.76	1.32	1.01	0.71	0.46	0.22	0.03	0.00	0.00	0.00
60	3.94	3.74	3.53	3.31	3.04	2.66	2.21	1.78	1.52	1.29	1.02	0.84	0.59	0.42	0.21	0.04	0.00	0.00	0.00
65	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
70	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
75	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
80	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
85	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
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

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:pyj  
Test Date:2013-02-28

V(B) Range:-60 - 60DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.275  
Humidity:65.0%  
Test Distance:8.100m [K=1.0000]  
Remarks: