

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

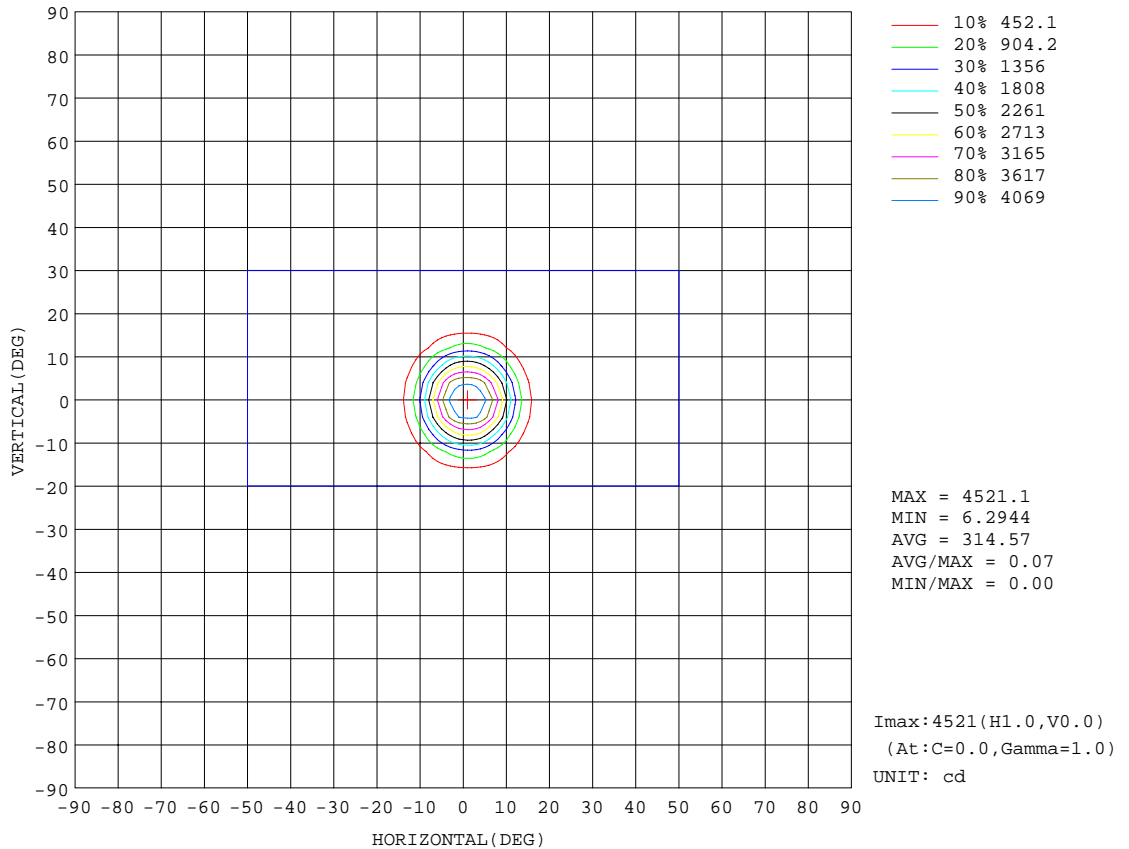
Maximum Intensity (Luminaire orientation as tested.)		8636.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	30.8V x 29.7H 18.0V x 18.1H 8.2V x 8.6H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.3 lumens per klm. 799.6 lumens per klm. 501.1 lumens per klm. 137.0 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XJF
Test Date:2012-10-25

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:120.6V I:0.3019A P:24.57W PF:0.6752 Lamp Flux:523.458x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

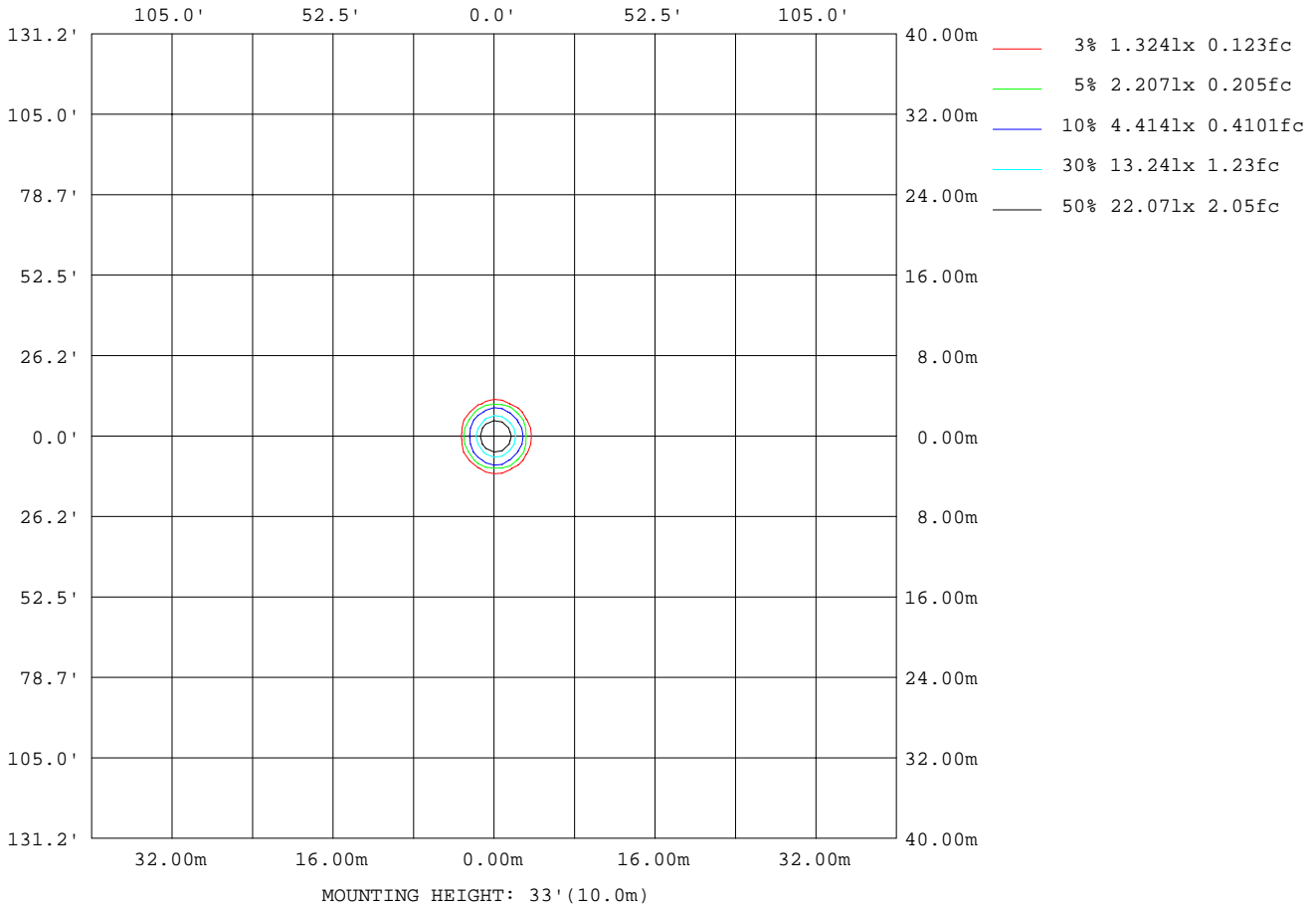


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XJF
 Test Date:2012-10-25

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:120.6V I:0.3019A P:24.57W PF:0.6752 Lamp Flux:523.458x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

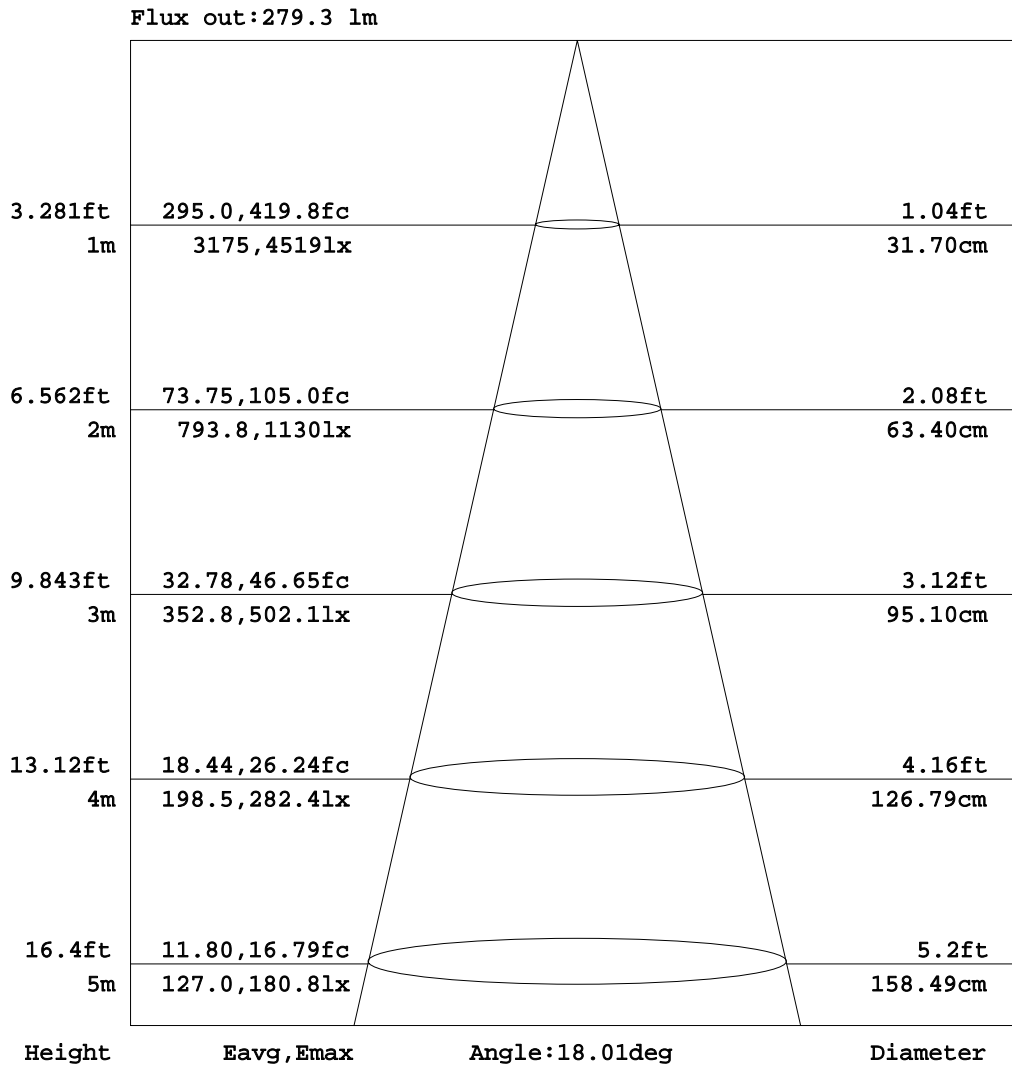


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XJF
Test Date: 2012-10-25

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:120.6V I:0.3019A P:24.57W PF:0.6752 Lamp Flux:523.458x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

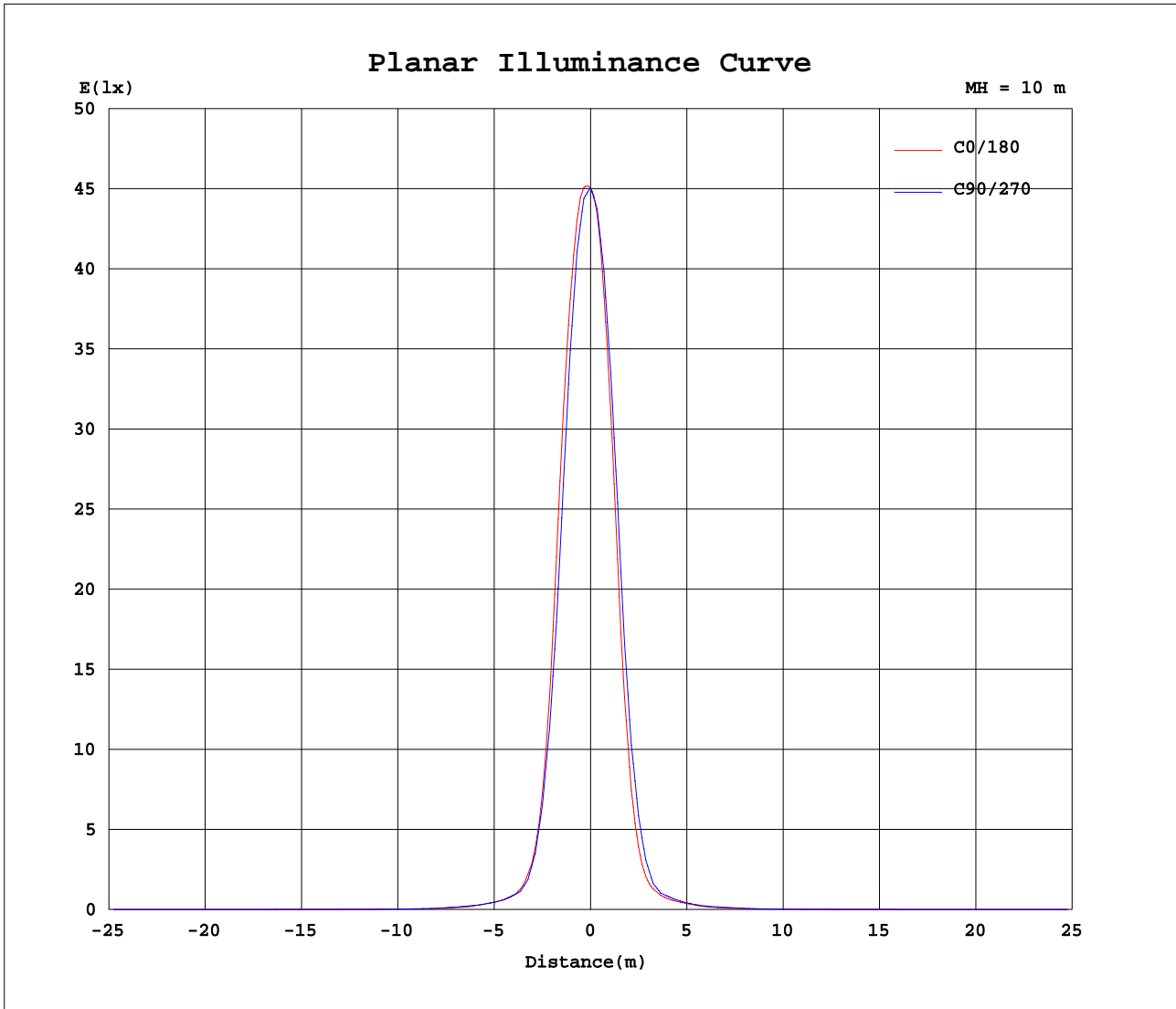


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XJF
Test Date:2012-10-25

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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XJF
Test Date:2012-10-25

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:120.6V I:0.3019A P:24.57W PF:0.6752 Lamp Flux:523.458x1 lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	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	0.00	0.00	0.22	0.65	1.21	1.81	2.47	3.13	3.75	4.27	4.74	5.13	5.47	5.78	5.98	6.10	6.16
-55	0.00	0.00	0.00	0.08	0.43	0.99	1.68	2.42	3.17	3.86	4.48	5.02	5.50	5.87	6.23	6.50	6.74	6.90	7.00
-50	0.00	0.00	0.00	0.19	0.74	1.51	2.39	3.34	4.22	4.94	5.57	6.14	6.64	6.97	7.36	7.57	7.86	8.11	8.26
-45	0.00	0.00	0.00	0.29	0.97	1.86	2.87	3.86	4.72	5.44	6.03	6.64	7.33	7.89	8.57	9.16	9.81	10.3	10.5
-40	0.00	0.00	0.00	0.44	1.31	2.38	3.58	4.65	5.48	6.18	6.73	7.39	8.36	9.26	10.4	11.5	12.7	13.6	13.8
-35	0.00	0.00	0.05	0.56	1.52	2.71	3.96	5.01	5.82	6.52	7.27	8.24	9.66	11.4	13.6	16.6	21.1	25.7	26.2
-30	0.00	0.00	0.13	0.75	1.84	3.20	4.53	5.53	6.34	7.03	8.09	9.51	11.6	14.5	18.5	24.3	33.7	43.9	44.9
-25	0.00	0.00	0.13	0.85	2.04	3.49	4.80	5.74	6.52	7.39	8.67	10.7	13.8	18.3	26.5	40.8	55.2	65.2	66.9
-20	0.00	0.00	0.20	1.01	2.28	3.84	5.12	6.04	6.83	7.99	9.67	12.6	17.5	26.9	48.3	69.8	91.3	119	135
-15	0.00	0.00	0.21	1.08	2.44	4.05	5.29	6.20	7.03	8.28	10.4	14.2	20.9	37.5	64.5	95.1	165	290	395
-10	0.00	0.00	0.24	1.18	2.60	4.25	5.47	6.33	7.25	8.74	11.4	16.4	26.6	53.9	84.8	170	485	1262	1878
-5	0.00	0.00	0.24	1.22	2.68	4.35	5.54	6.38	7.36	8.95	11.8	17.5	30.2	60.1	98.9	247	953	2529	3547
0	0.00	0.00	0.26	1.24	2.71	4.40	5.59	6.46	7.43	9.08	12.0	18.0	32.4	62.5	109	313	1387	3540	4508
5	0.00	0.00	0.24	1.23	2.71	4.39	5.58	6.44	7.41	9.00	11.9	17.6	31.1	59.9	102	285	1137	3030	4011
10	0.00	0.00	0.24	1.18	2.60	4.28	5.51	6.35	7.26	8.69	11.2	15.9	26.0	51.2	81.7	162	462	1154	1743
15	0.00	0.00	0.21	1.12	2.51	4.15	5.41	6.24	7.13	8.42	10.6	14.6	22.3	41.2	68.5	107	224	446	640
20	0.00	0.00	0.21	1.02	2.30	3.87	5.19	6.08	6.91	7.92	9.56	12.3	17.2	26.0	44.7	66.4	86.3	110	125
25	0.00	0.00	0.15	0.91	2.14	3.64	4.99	5.90	6.67	7.51	8.88	11.0	14.5	20.1	30.2	45.2	61.0	73.6	80.0
30	0.00	0.00	0.15	0.74	1.84	3.20	4.56	5.56	6.29	7.01	7.92	9.25	11.1	13.8	17.6	22.2	28.1	34.1	37.4
35	0.00	0.00	0.11	0.62	1.62	2.86	4.16	5.19	5.96	6.65	7.41	8.44	9.89	11.8	14.5	17.7	21.6	25.5	27.6
40	0.00	0.00	0.04	0.43	1.30	2.36	3.55	4.64	5.47	6.12	6.64	7.22	8.02	8.87	9.92	11.0	11.9	12.6	12.9
45	0.00	0.00	0.04	0.35	1.06	2.00	3.06	4.09	4.93	5.62	6.19	6.74	7.37	7.99	8.71	9.46	10.1	10.6	10.8
50	0.00	0.00	0.02	0.23	0.70	1.46	2.32	3.26	4.13	4.88	5.50	6.03	6.39	6.67	6.91	7.18	7.45	7.60	7.66
55	0.00	0.00	0.01	0.16	0.52	1.12	1.85	2.65	3.42	4.12	4.73	5.25	5.64	5.95	6.21	6.44	6.66	6.80	6.85
60	0.00	0.00	0.00	0.06	0.26	0.61	1.15	1.72	2.36	2.99	3.57	4.10	4.53	4.87	5.16	5.34	5.48	5.60	5.64
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:XJF
Test Date:2012-10-25

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:120.6V I:0.3019A P:24.57W PF:0.6752 Lamp Flux:523.458xl lm		
NAME: LED WALL WASHER	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(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	6.18	6.11	5.99	5.77	5.44	5.02	4.57	4.05	3.48	2.86	2.24	1.62	1.05	0.54	0.18	0.02	0.00	0.00	0.00
-55	7.01	6.96	6.80	6.55	6.20	5.77	5.29	4.75	4.15	3.52	2.83	2.10	1.40	0.77	0.28	0.02	0.00	0.00	0.00
-50	8.26	8.22	8.01	7.72	7.33	6.90	6.36	5.79	5.15	4.51	3.72	2.83	1.92	1.12	0.44	0.04	0.00	0.00	0.00
-45	10.4	10.2	9.69	9.06	8.35	7.62	6.93	6.28	5.65	4.99	4.21	3.30	2.30	1.37	0.59	0.10	0.00	0.00	0.00
-40	13.7	13.0	12.2	11.1	9.88	8.71	7.79	7.03	6.39	5.71	4.95	4.01	2.87	1.75	0.83	0.19	0.00	0.00	0.00
-35	24.6	21.4	17.9	14.8	12.4	10.3	8.77	7.61	6.75	6.03	5.26	4.35	3.20	1.99	0.96	0.23	0.00	0.00	0.00
-30	41.0	34.0	26.4	20.5	16.2	12.8	10.2	8.50	7.28	6.50	5.73	4.86	3.70	2.35	1.17	0.28	0.00	0.00	0.00
-25	63.8	56.8	45.0	30.7	20.7	15.3	11.6	9.24	7.75	6.76	5.97	5.12	3.96	2.54	1.30	0.36	0.00	0.00	0.00
-20	128	102	76.3	57.6	33.9	20.4	14.2	10.6	8.44	7.10	6.25	5.41	4.31	2.84	1.45	0.40	0.00	0.00	0.00
-15	351	215	117	73.0	48.1	25.2	16.2	11.5	8.89	7.38	6.43	5.59	4.49	2.99	1.55	0.46	0.01	0.00	0.00
-10	1608	762	274	106	64.0	35.0	19.2	12.8	9.52	7.75	6.66	5.77	4.70	3.18	1.65	0.49	0.00	0.00	0.00
-5	3180	1556	429	132	69.5	40.8	20.7	13.3	9.77	7.90	6.77	5.87	4.78	3.24	1.70	0.52	0.01	0.00	0.00
0	4130	2307	589	154	74.6	45.0	21.8	13.8	9.98	8.03	6.85	5.92	4.85	3.31	1.72	0.52	0.00	0.00	0.00
5	3602	1832	480	140	72.3	42.7	21.2	13.5	9.92	8.00	6.84	5.92	4.82	3.28	1.71	0.52	0.01	0.00	0.00
10	1476	704	258	103	64.6	34.8	19.1	12.8	9.59	7.85	6.72	5.80	4.72	3.20	1.66	0.49	0.00	0.00	0.00
15	546	296	140	81.3	54.1	27.9	17.0	11.9	9.22	7.64	6.60	5.71	4.61	3.09	1.60	0.47	0.01	0.00	0.00
20	119	96.4	76.5	56.7	32.9	20.1	14.1	10.6	8.59	7.31	6.39	5.48	4.38	2.90	1.47	0.41	0.00	0.00	0.00
25	77.8	68.0	54.0	37.1	23.7	16.4	12.2	9.73	8.15	7.05	6.20	5.29	4.15	2.70	1.38	0.39	0.01	0.00	0.00
30	36.7	31.7	25.3	19.7	15.5	12.3	10.1	8.57	7.53	6.64	5.84	4.92	3.76	2.39	1.18	0.29	0.00	0.00	0.00
35	27.2	24.0	19.8	16.0	13.1	10.8	9.13	7.93	7.10	6.31	5.50	4.57	3.42	2.15	1.04	0.27	0.00	0.00	0.00
40	12.9	12.4	11.4	10.4	9.39	8.44	7.65	6.98	6.46	5.80	4.98	4.05	2.92	1.78	0.84	0.22	0.00	0.00	0.00
45	10.8	10.4	9.80	9.07	8.35	7.67	7.05	6.46	5.93	5.28	4.48	3.57	2.52	1.51	0.68	0.18	0.00	0.00	0.00
50	7.65	7.54	7.33	7.07	6.78	6.50	6.14	5.69	5.13	4.50	3.73	2.84	1.92	1.10	0.44	0.12	0.00	0.00	0.00
55	6.86	6.79	6.60	6.36	6.08	5.79	5.44	4.98	4.43	3.82	3.11	2.34	1.55	0.87	0.35	0.09	0.00	0.00	0.00
60	5.67	5.66	5.51	5.29	5.04	4.73	4.37	3.92	3.39	2.81	2.20	1.58	1.00	0.51	0.22	0.06	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(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:XJF

Test Date:2012-10-25

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: