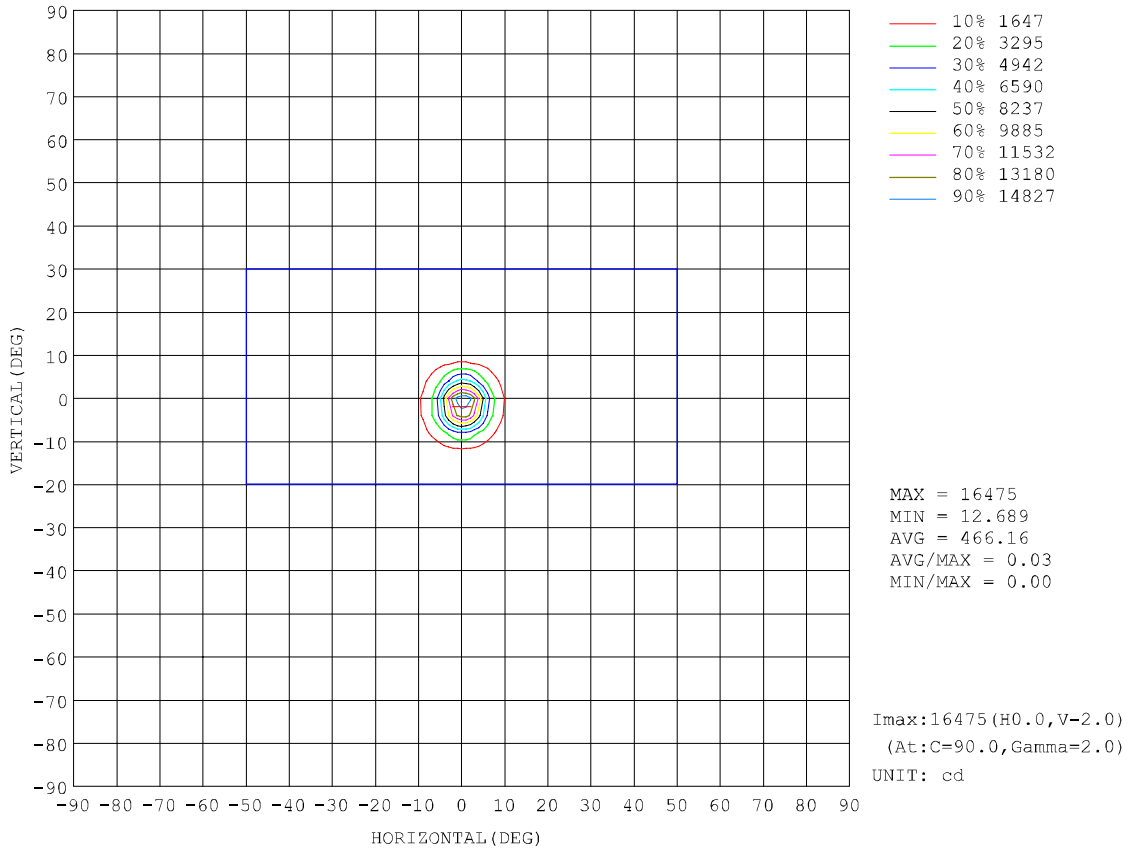


ISOCANDELA DIAGRAM

Test:U:120.1V I:0.2612A P:18.78W PF:0.5991 Lamp Flux:787.682x1 lm		
NAME: LED Wall Wsaher	TYPE:	WEIGHT:
DIM.:	SPEC.:120V 15° (UL)	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

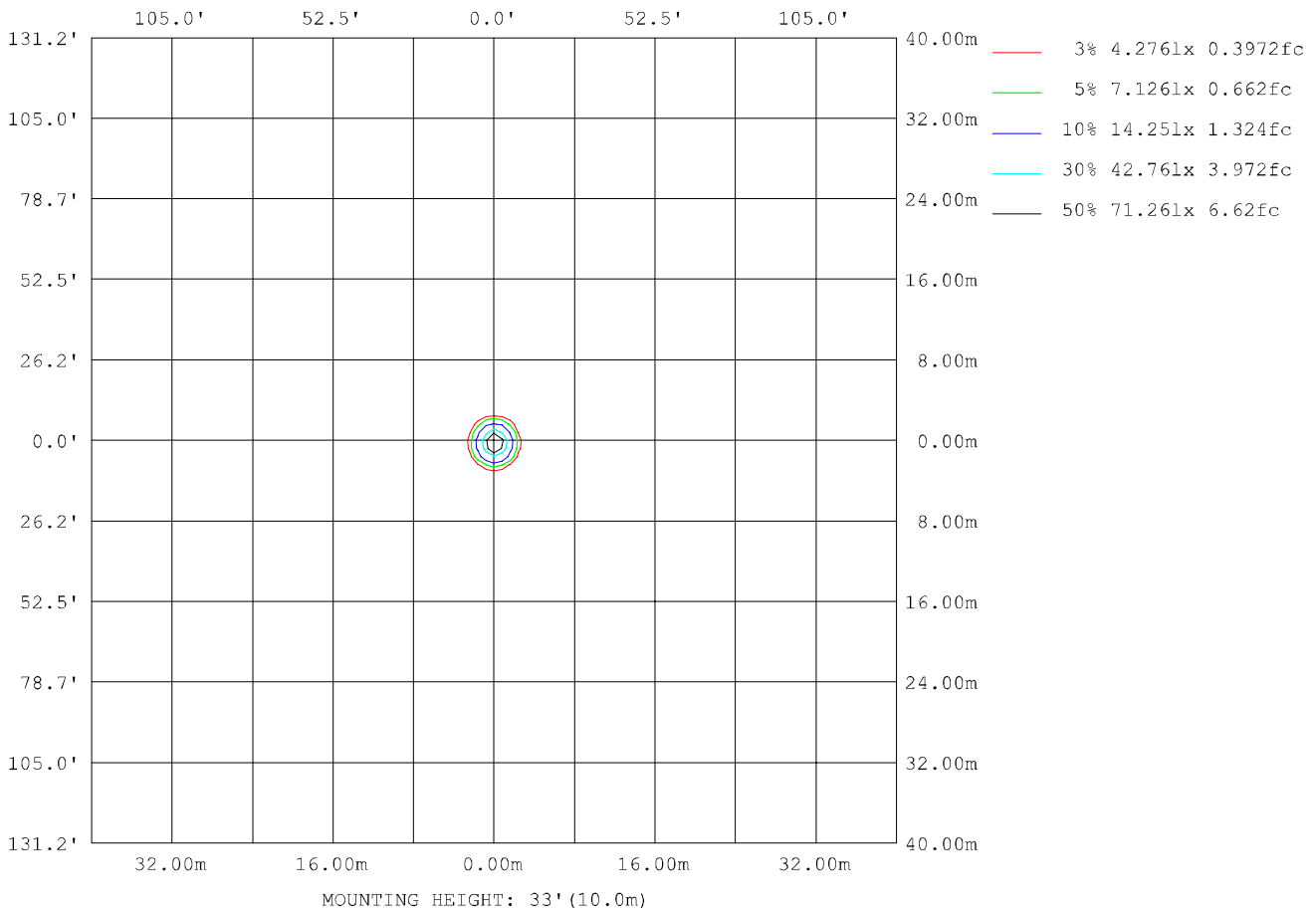


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC1
 Test Date:2014-12-29

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:120.1V I:0.2612A P:18.78W PF:0.5991 Lamp Flux:787.682x1 lm		
NAME: LED Wall Wsaher	TYPE:	WEIGHT:
DIM.:	SPEC.:120V 15° (UL)	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

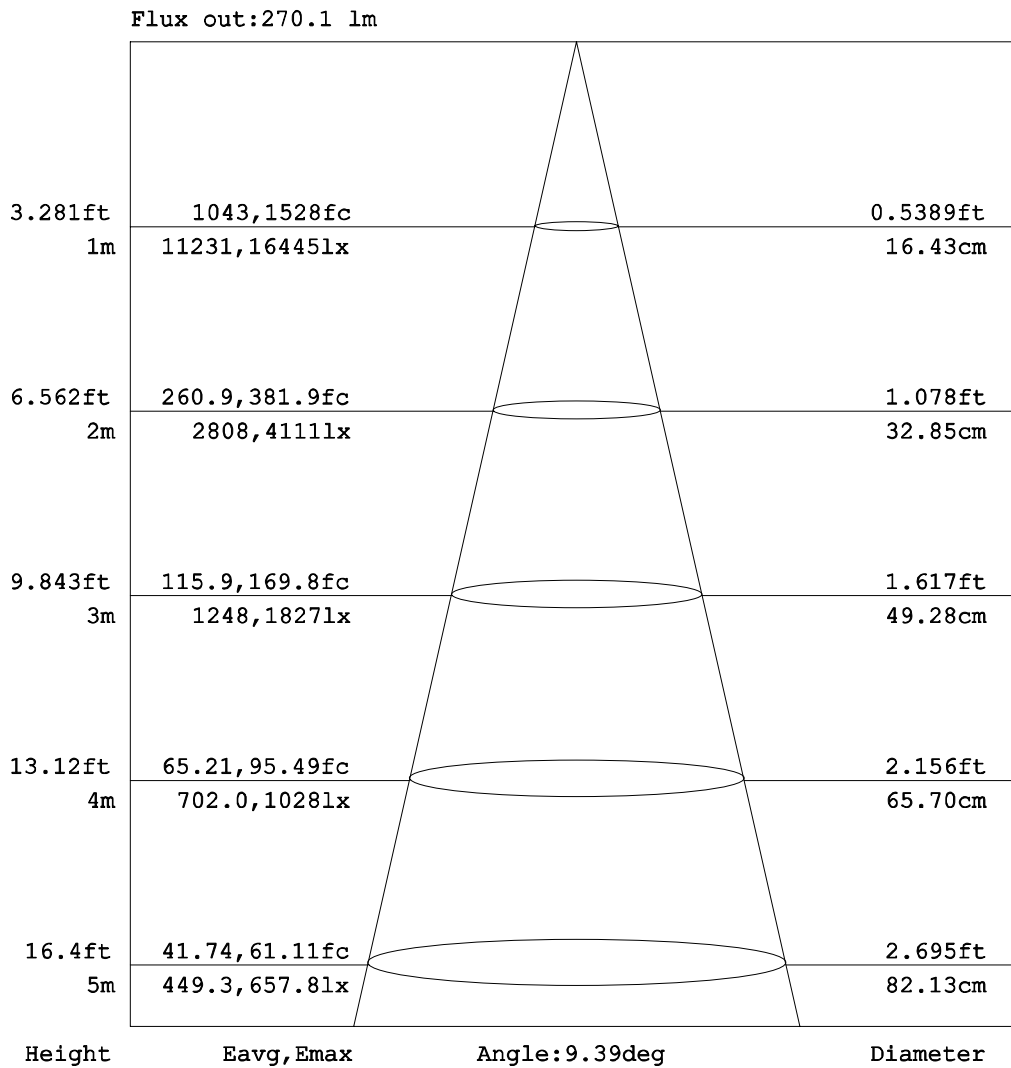


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC1
 Test Date:2014-12-29

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:120.1V I:0.2612A P:18.78W PF:0.5991 Lamp Flux:787.682x1 lm		
NAME: LED Wall Wsaher	TYPE:	WEIGHT:
DIM.:	SPEC.:120V 15° (UL)	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

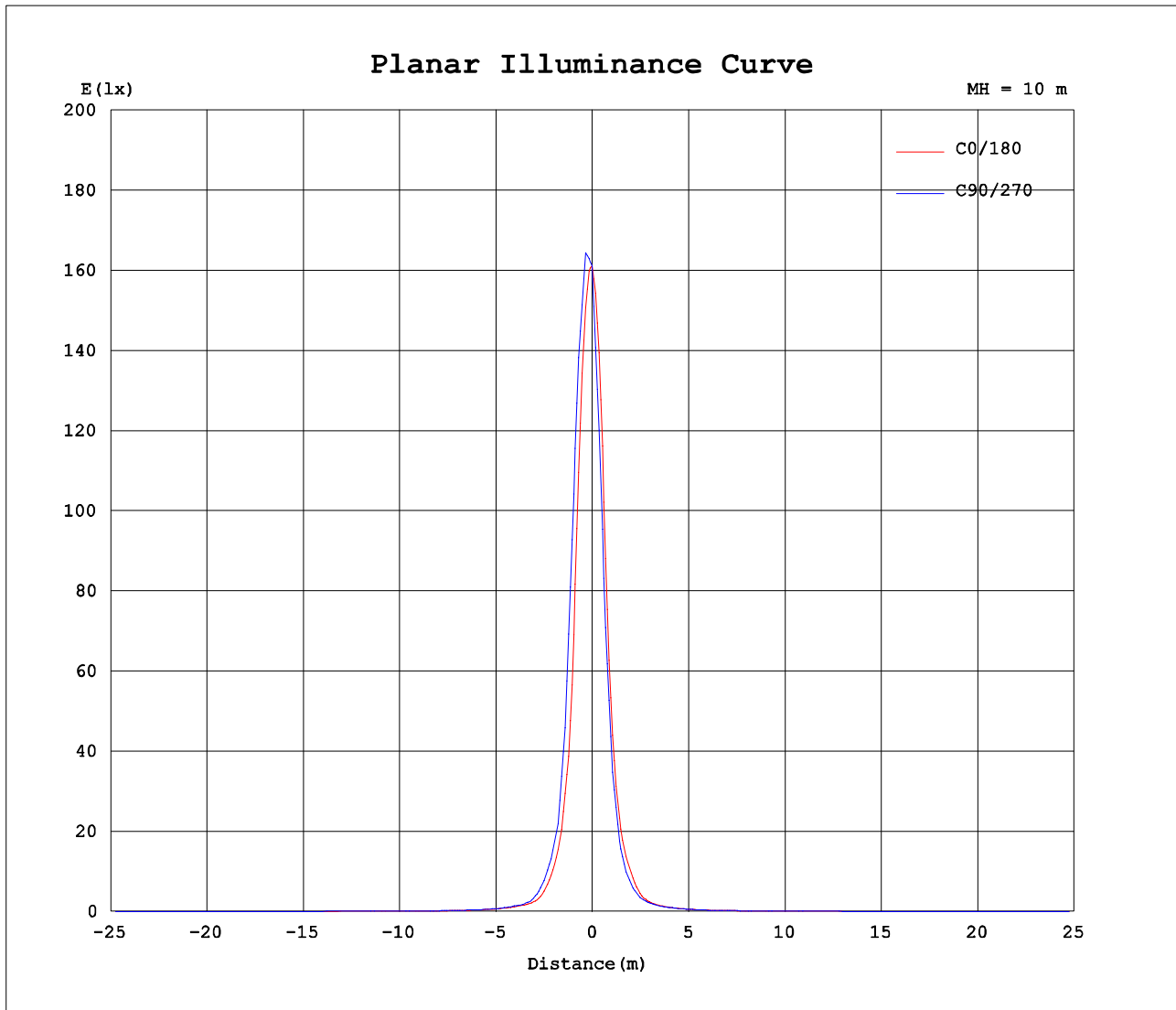


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC1
Test Date:2014-12-29

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:QC1
Test Date:2014-12-29

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:120.1V I:0.2612A P:18.78W PF:0.5991 Lamp Flux:787.682x1 lm		
NAME: LED Wall Wsaher	TYPE:	WEIGHT:
DIM.:	SPEC.:120V 15° (UL)	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

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	0.05	0.10	0.15	0.28	0.36	0.47	0.62	0.72	0.83	0.85	0.90	0.97	1.04	1.09	1.13	1.15
-55	0.00	0.00	0.01	0.06	0.13	0.24	0.35	0.46	0.60	0.72	0.85	1.01	1.13	1.24	1.35	1.46	1.56	1.62	1.65
-50	0.00	0.00	0.02	0.09	0.17	0.37	0.47	0.61	0.79	0.88	1.05	1.29	1.55	1.76	1.93	2.09	2.26	2.35	2.40
-45	0.00	0.00	0.02	0.10	0.22	0.40	0.54	0.71	0.90	1.07	1.31	1.61	1.93	2.11	2.24	2.37	2.56	2.68	2.72
-40	0.00	0.00	0.03	0.11	0.29	0.44	0.65	0.87	1.05	1.36	1.70	2.09	2.49	2.65	2.70	2.78	3.00	3.17	3.21
-35	0.00	0.00	0.04	0.13	0.31	0.46	0.70	0.93	1.20	1.57	1.99	2.31	2.58	2.87	3.16	3.53	4.01	4.55	4.72
-30	0.00	0.00	0.07	0.16	0.34	0.49	0.76	1.03	1.44	1.87	2.41	2.63	2.72	3.19	3.85	4.65	5.53	6.62	6.99
-25	0.00	0.00	0.07	0.19	0.35	0.53	0.79	1.08	1.58	2.12	2.57	2.69	3.10	3.84	4.92	6.31	7.91	9.65	10.4
-20	0.00	0.00	0.08	0.22	0.38	0.56	0.80	1.16	1.71	2.38	2.67	2.99	3.80	5.06	7.09	10.0	14.5	18.9	20.9
-15	0.00	0.00	0.08	0.24	0.40	0.57	0.82	1.24	1.80	2.46	2.72	3.31	4.38	6.45	9.32	14.7	23.6	38.9	48.6
-10	0.00	0.00	0.08	0.25	0.43	0.59	0.85	1.29	1.89	2.48	2.76	3.66	5.26	8.83	13.6	24.2	69.4	160	229
-5	0.00	0.00	0.08	0.27	0.44	0.61	0.86	1.31	1.93	2.50	2.82	3.85	5.67	9.31	15.7	32.6	121	395	944
0	0.00	0.00	0.09	0.27	0.45	0.62	0.86	1.30	1.92	2.49	2.87	3.96	5.89	9.13	16.4	37.5	143	634	1612
5	0.00	0.00	0.08	0.27	0.45	0.62	0.85	1.28	1.89	2.48	2.85	3.82	5.59	8.61	15.3	31.2	108	323	713
10	0.00	0.00	0.08	0.26	0.44	0.62	0.81	1.22	1.79	2.41	2.77	3.44	4.86	7.61	12.2	20.2	38.6	78.7	104
15	0.00	0.00	0.08	0.25	0.43	0.60	0.78	1.15	1.71	2.35	2.74	3.21	4.34	6.38	9.77	14.5	22.3	32.4	38.4
20	0.00	0.00	0.08	0.22	0.41	0.57	0.72	1.03	1.56	2.19	2.66	2.92	3.56	4.66	6.29	8.36	10.8	13.4	14.9
25	0.00	0.00	0.07	0.20	0.39	0.53	0.69	0.97	1.47	2.03	2.60	2.83	3.15	3.88	4.95	6.23	7.63	8.93	9.91
30	0.00	0.00	0.06	0.15	0.34	0.45	0.65	0.87	1.27	1.76	2.29	2.68	2.80	3.02	3.45	4.03	4.62	5.07	5.33
35	0.00	0.00	0.05	0.13	0.30	0.42	0.60	0.82	1.14	1.54	2.01	2.37	2.59	2.83	3.14	3.53	3.91	4.22	4.40
40	0.00	0.00	0.04	0.11	0.24	0.38	0.54	0.76	0.93	1.21	1.59	1.90	2.27	2.54	2.67	2.77	2.86	2.93	3.00
45	0.00	0.00	0.03	0.10	0.20	0.33	0.48	0.67	0.84	1.05	1.32	1.58	1.87	2.13	2.28	2.39	2.48	2.56	2.62
50	0.00	0.00	0.02	0.08	0.14	0.27	0.39	0.53	0.70	0.82	0.92	1.09	1.28	1.52	1.69	1.81	1.92	2.00	2.06
55	0.00	0.00	0.01	0.05	0.08	0.16	0.23	0.32	0.42	0.49	0.55	0.66	0.77	0.91	1.01	1.08	1.15	1.20	1.23
60	0.00	0.00	0.00	0.00	0.00	0.01	0.00	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
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:QC1
Test Date:2014-12-29

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:120.1V I:0.2612A P:18.78W PF:0.5991 Lamp Flux:787.682x1 lm		
NAME: LED Wall Wsaher	TYPE:	WEIGHT:
DIM.:	SPEC.:120V 15° (UL)	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

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
-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
-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
-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
-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
-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
-60	1.13	1.11	1.05	0.99	0.92	0.84	0.84	0.76	0.66	0.55	0.44	0.33	0.23	0.16	0.11	0.03	0.00	0.00
-55	1.61	1.55	1.46	1.36	1.26	1.14	1.03	0.89	0.77	0.66	0.53	0.41	0.29	0.19	0.12	0.04	0.00	0.00
-50	2.34	2.23	2.09	1.93	1.77	1.58	1.32	1.09	0.93	0.83	0.68	0.54	0.38	0.24	0.14	0.06	0.00	0.00
-45	2.65	2.51	2.38	2.26	2.13	1.94	1.64	1.37	1.12	0.93	0.74	0.59	0.43	0.28	0.16	0.07	0.00	0.00
-40	3.11	2.93	2.82	2.75	2.68	2.49	2.13	1.78	1.42	1.08	0.84	0.66	0.50	0.35	0.19	0.08	0.00	0.00
-35	4.43	4.04	3.64	3.28	2.95	2.65	2.36	2.06	1.62	1.23	0.90	0.70	0.54	0.40	0.21	0.10	0.00	0.00
-30	6.42	5.70	4.87	4.08	3.36	2.88	2.71	2.47	1.94	1.45	1.00	0.75	0.60	0.47	0.25	0.12	0.01	0.00
-25	9.56	8.09	6.55	5.19	4.07	3.25	2.81	2.55	2.11	1.55	1.04	0.76	0.62	0.48	0.27	0.12	0.01	0.00
-20	19.3	15.2	10.7	7.86	5.50	4.09	3.09	2.67	2.31	1.71	1.18	0.81	0.65	0.51	0.30	0.13	0.01	0.00
-15	39.9	24.8	16.2	10.5	7.04	4.68	3.34	2.70	2.34	1.80	1.26	0.85	0.68	0.52	0.32	0.13	0.02	0.00
-10	168	73.5	26.7	14.9	8.70	5.60	3.89	2.79	2.43	1.95	1.35	0.90	0.70	0.53	0.34	0.14	0.05	0.00
-5	457	131	35.4	16.9	9.33	6.19	4.16	2.88	2.46	2.01	1.38	0.92	0.69	0.54	0.35	0.14	0.05	0.00
0	826	161	41.7	18.4	10.4	6.48	4.22	2.94	2.48	2.05	1.41	0.93	0.72	0.55	0.36	0.14	0.05	0.00
5	362	117	33.5	17.6	10.3	6.15	4.00	2.89	2.48	2.04	1.41	0.93	0.71	0.54	0.35	0.14	0.05	0.00
10	81.9	41.2	21.9	13.2	8.74	5.26	3.63	2.78	2.46	1.93	1.37	0.91	0.69	0.53	0.34	0.13	0.05	0.00
15	32.8	22.9	16.1	9.79	6.65	4.54	3.35	2.70	2.44	1.87	1.32	0.89	0.67	0.52	0.31	0.13	0.05	0.00
20	13.9	11.5	8.80	6.51	4.76	3.62	2.92	2.63	2.36	1.75	1.22	0.87	0.64	0.51	0.28	0.13	0.05	0.00
25	9.30	7.97	6.44	5.03	3.93	3.13	2.70	2.54	2.17	1.63	1.13	0.85	0.64	0.48	0.27	0.13	0.04	0.00
30	5.15	4.70	4.13	3.57	3.00	2.68	2.57	2.32	1.80	1.40	1.05	0.84	0.61	0.46	0.24	0.12	0.04	0.00
35	4.27	3.96	3.59	3.22	2.82	2.54	2.32	2.03	1.58	1.23	0.98	0.79	0.58	0.42	0.23	0.11	0.03	0.00
40	2.97	2.86	2.79	2.70	2.55	2.32	1.95	1.60	1.25	0.98	0.88	0.72	0.55	0.36	0.20	0.10	0.03	0.00
45	2.60	2.50	2.42	2.31	2.16	1.93	1.61	1.34	1.10	0.87	0.78	0.65	0.50	0.30	0.18	0.10	0.02	0.00
50	2.04	1.96	1.86	1.72	1.58	1.36	1.11	0.96	0.86	0.71	0.64	0.55	0.43	0.21	0.15	0.09	0.01	0.00
55	1.23	1.18	1.12	1.03	0.95	0.81	0.67	0.58	0.52	0.43	0.38	0.33	0.26	0.13	0.09	0.05	0.01	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	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
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
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
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
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
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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC1
Test Date:2014-12-29

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: