
Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	17120.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of I _{max}	21.6V x 21.7H
	At 50% of I _{max}	10.6V x 10.0H
	At 90% of I _{max}	4.4V x 4.3H

Beam Flux	Total	1001.0 lumens per klm.
	To 10% of I _{max}	647.4 lumens per klm.
	To 50% of I _{max}	310.1 lumens per klm.
	To 90% of I _{max}	67.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.1 %

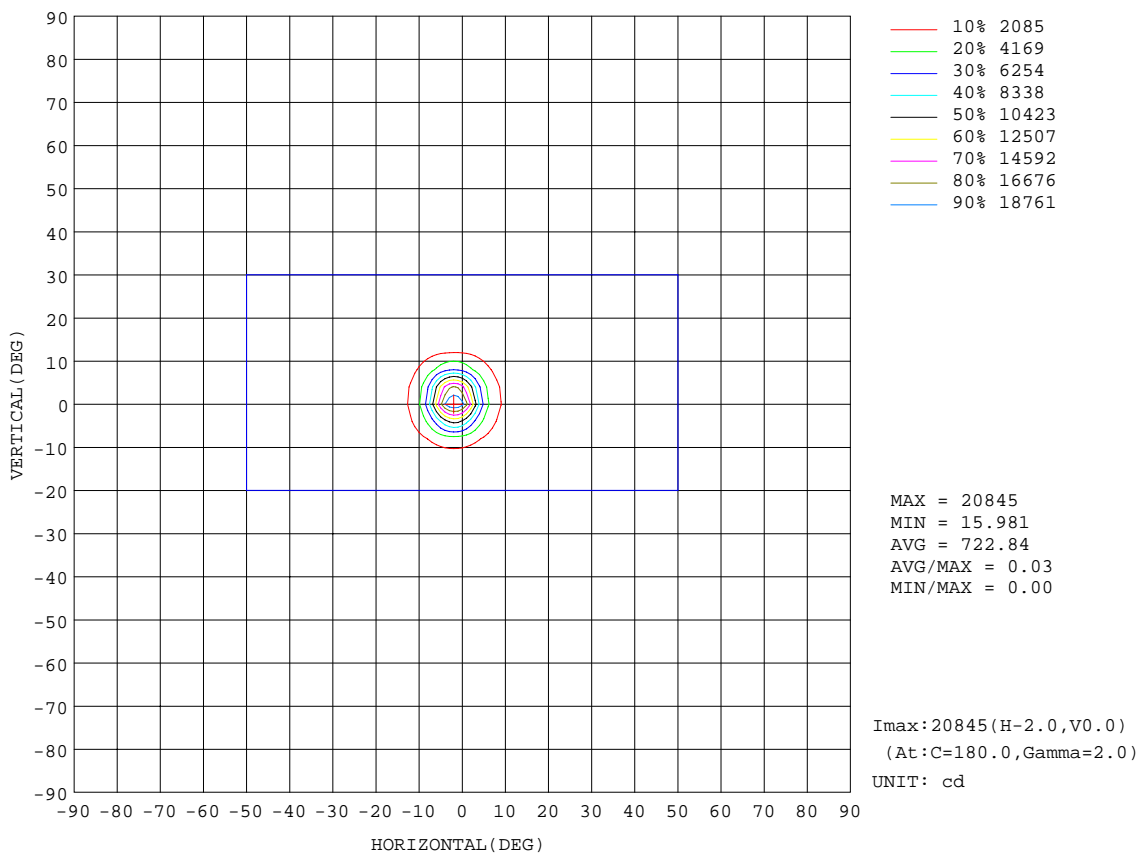
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:pyj
Test Date:2013-02-22

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:119.8V I:0.6985A P:53.52W PF:0.6398 Lamp Flux:1217.55x1 lm		
NAME: LED Wall Washer5 Series	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

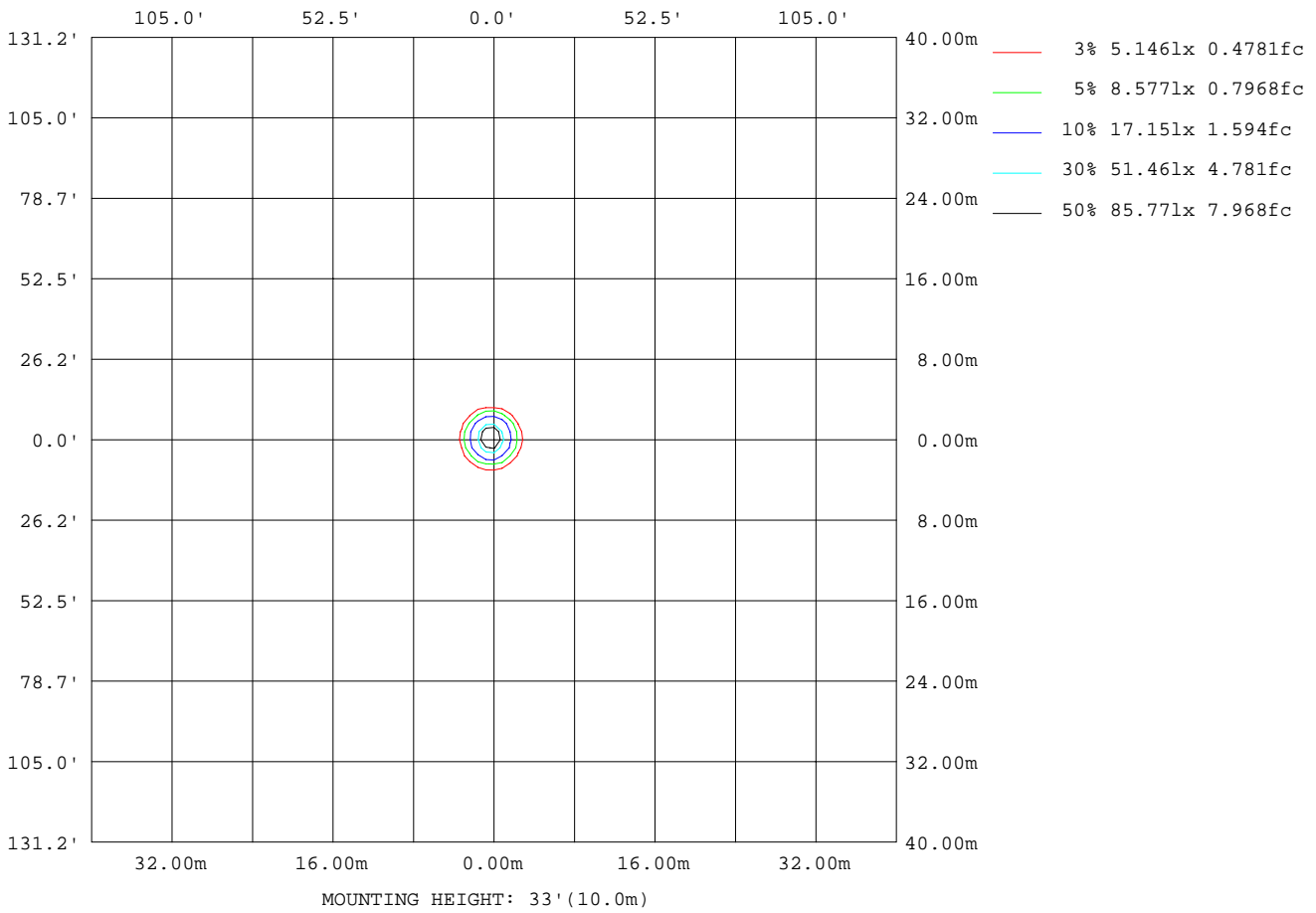


H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: pyj
 Test Date: 2013-02-22

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:119.8V I:0.6985A P:53.52W PF:0.6398 Lamp Flux:1217.55x1 lm		
NAME: LED Wall Washer5 Series	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

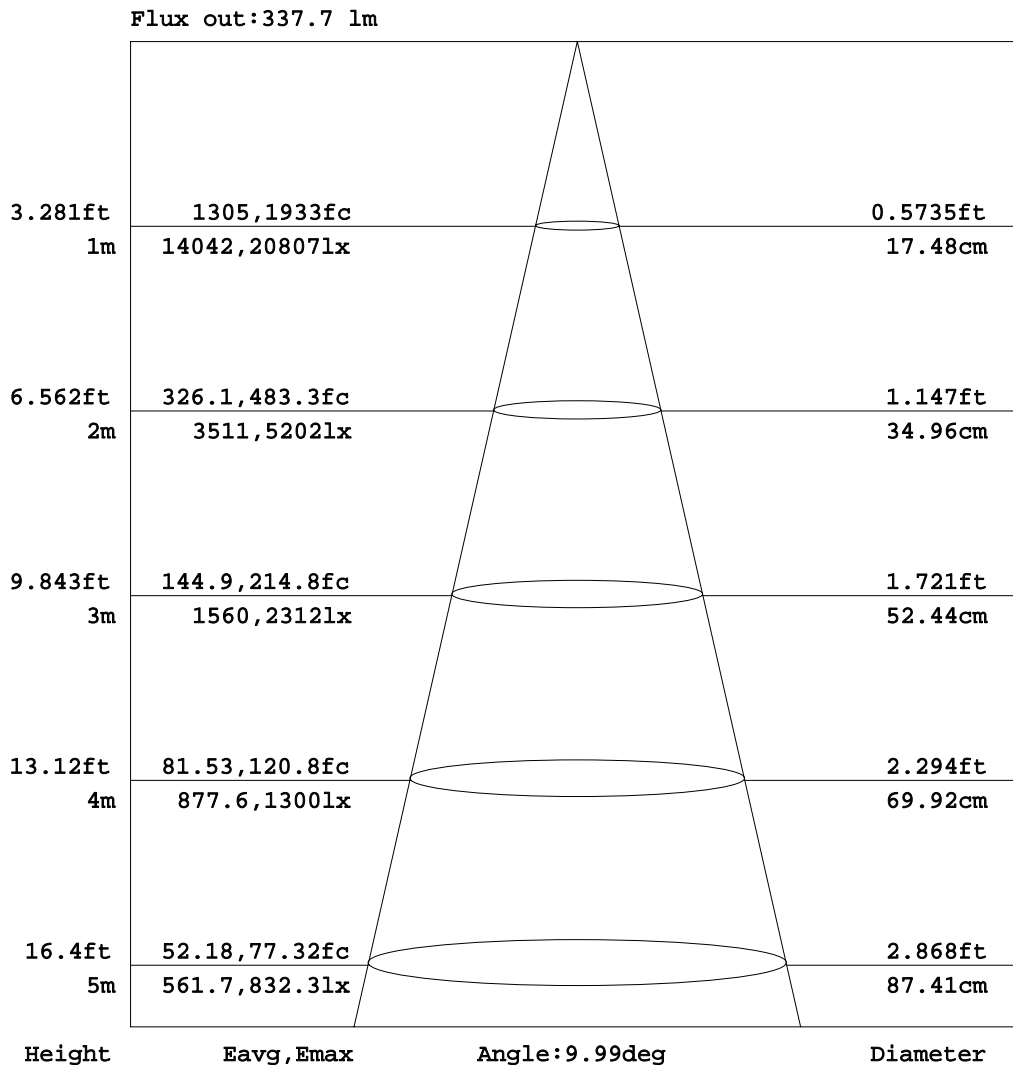


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: pyj
Test Date: 2013-02-22

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:119.8V I:0.6985A P:53.52W PF:0.6398 Lamp Flux:1217.55x1 lm		
NAME: LED Wall Washer5 Series	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	SUR.:	PROTECTION ANGLE:

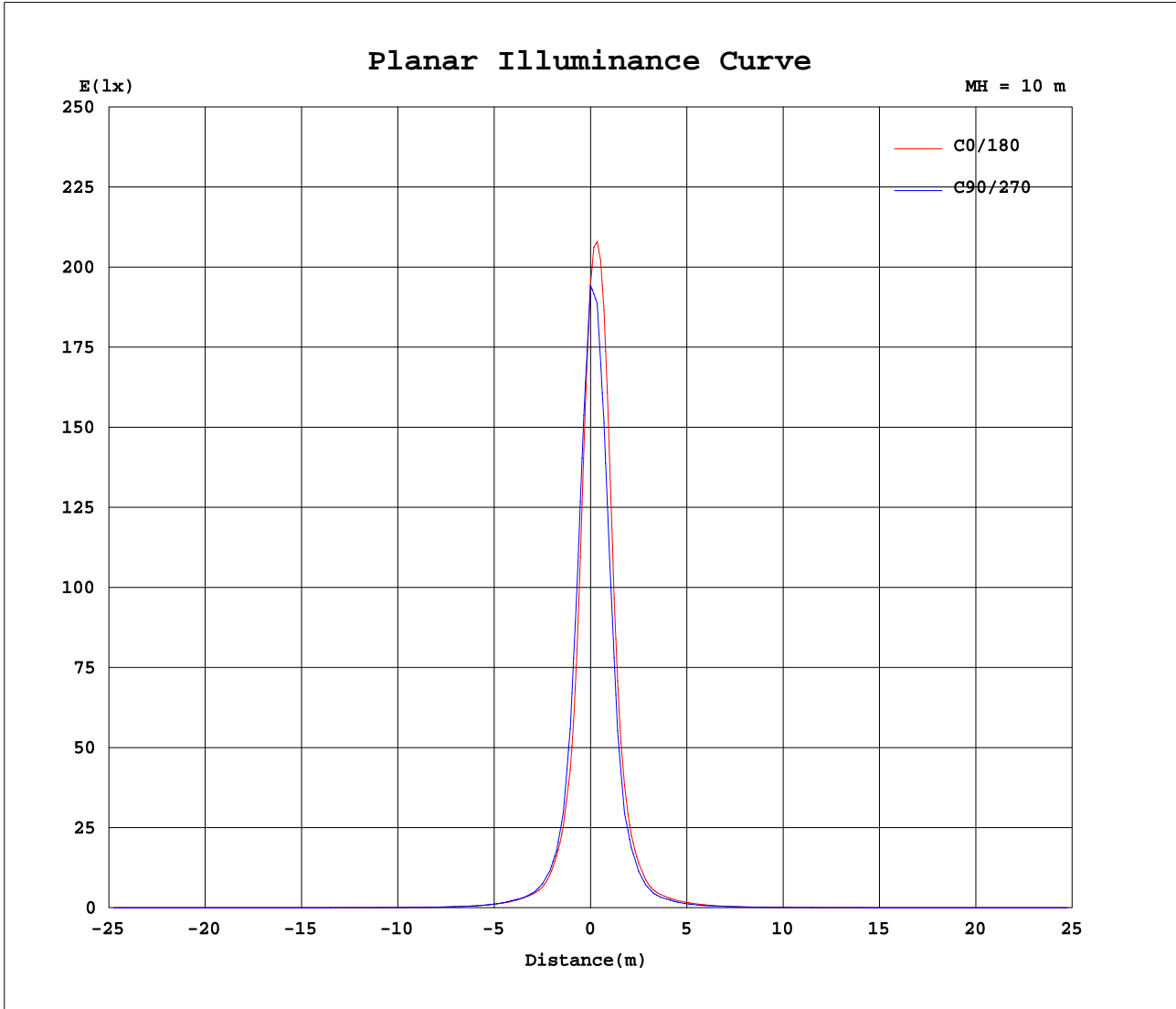


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:pyj
Test Date:2013-02-22

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:pyj
Test Date:2013-02-22

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:119.8V I:0.6985A P:53.52W PF:0.6398 Lamp Flux:1217.55x1 lm		
NAME: LED Wall Washer5 Series	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	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	0.02	0.10	0.21	0.35	0.50	0.64	0.80	0.91	1.01	1.11	1.20	1.25	1.32	1.35	1.35	1.37
-55	0.00	0.00	0.00	0.05	0.16	0.30	0.47	0.64	0.83	0.99	1.16	1.32	1.47	1.60	1.68	1.78	1.83	1.85	1.86
-50	0.00	0.00	0.00	0.09	0.25	0.44	0.65	0.85	1.11	1.29	1.53	1.78	2.02	2.19	2.32	2.45	2.56	2.61	2.60
-45	0.00	0.00	0.01	0.12	0.31	0.54	0.77	1.02	1.31	1.58	1.86	2.16	2.47	2.69	2.85	3.02	3.16	3.23	3.22
-40	0.00	0.00	0.01	0.18	0.41	0.69	0.94	1.27	1.62	2.01	2.35	2.73	3.15	3.43	3.66	3.87	4.06	4.17	4.16
-35	0.00	0.00	0.02	0.21	0.48	0.78	1.07	1.43	1.84	2.28	2.72	3.13	3.63	4.22	4.89	5.67	6.45	6.82	6.76
-30	0.00	0.00	0.04	0.26	0.58	0.90	1.26	1.67	2.18	2.68	3.27	3.72	4.34	5.41	6.73	8.38	10.0	10.8	10.7
-25	0.00	0.00	0.06	0.30	0.64	1.00	1.38	1.84	2.39	3.01	3.59	4.24	5.44	7.27	9.78	12.8	16.4	17.8	17.5
-20	0.00	0.00	0.08	0.33	0.71	1.09	1.54	2.07	2.69	3.41	4.07	5.33	7.57	11.2	16.3	22.8	30.1	34.8	35.3
-15	0.00	0.00	0.09	0.35	0.75	1.13	1.62	2.20	2.90	3.62	4.44	6.19	9.37	14.7	22.7	34.3	47.0	57.0	58.4
-10	0.00	0.00	0.11	0.38	0.79	1.18	1.73	2.39	3.21	4.00	5.27	7.80	12.9	21.0	35.4	58.7	109	176	185
-5	0.00	0.00	0.12	0.40	0.80	1.19	1.76	2.46	3.31	4.16	5.68	8.69	16.0	25.3	43.5	85.5	222	484	568
0	0.00	0.00	0.12	0.40	0.79	1.18	1.76	2.46	3.34	4.24	5.85	9.15	16.2	27.9	50.2	126	401	1628	1944
5	0.00	0.00	0.12	0.40	0.78	1.17	1.73	2.44	3.31	4.20	5.79	9.06	15.3	26.8	48.6	117	356	1284	1525
10	0.00	0.00	0.11	0.38	0.76	1.12	1.65	2.32	3.19	4.00	5.38	8.15	13.3	21.6	37.5	68.2	161	285	309
15	0.00	0.00	0.10	0.37	0.75	1.08	1.59	2.23	3.05	3.82	4.95	7.17	11.1	17.4	28.7	46.4	78.8	120	126
20	0.00	0.00	0.09	0.33	0.70	1.00	1.45	2.02	2.74	3.47	4.21	5.59	7.94	13.8	18.9	24.3	33.0	39.2	39.9
25	0.00	0.00	0.08	0.31	0.67	0.96	1.36	1.87	2.52	3.24	3.86	4.83	6.51	9.80	12.9	16.5	21.0	24.2	24.5
30	0.00	0.00	0.06	0.28	0.60	0.89	1.20	1.62	2.18	2.82	3.41	3.97	4.83	5.92	7.41	9.08	10.5	11.5	11.7
35	0.00	0.00	0.05	0.24	0.54	0.83	1.10	1.47	1.96	2.54	3.09	3.63	4.27	5.04	6.05	7.16	8.14	8.77	8.88
40	0.00	0.00	0.03	0.20	0.45	0.74	0.93	1.24	1.62	2.11	2.60	3.12	3.42	3.72	4.00	4.29	4.54	4.69	4.71
45	0.00	0.00	0.02	0.16	0.39	0.64	0.84	1.09	1.43	1.83	2.25	2.67	2.97	3.24	3.50	3.74	3.93	4.06	4.07
50	0.00	0.00	0.02	0.12	0.28	0.50	0.70	0.87	1.15	1.42	1.72	2.00	2.28	2.53	2.75	2.93	3.02	3.12	3.12
55	0.00	0.00	0.01	0.08	0.22	0.41	0.58	0.74	0.97	1.21	1.44	1.65	1.86	2.05	2.23	2.37	2.44	2.52	2.51
60	0.00	0.00	0.00	0.04	0.13	0.26	0.41	0.55	0.72	0.90	1.03	1.13	1.24	1.35	1.45	1.53	1.58	1.62	1.59
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:2013-02-22

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:119.8V I:0.6985A P:53.52W PF:0.6398 Lamp Flux:1217.55x1 lm		
NAME: LED Wall Washer5 Series	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: TPK	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	1.35	1.32	1.23	1.13	1.04	0.86	0.75	0.67	0.56	0.40	0.28	0.18	0.10	0.04	0.00	0.00	0.00	0.00	
-55	1.83	1.76	1.66	1.54	1.40	1.19	0.97	0.86	0.72	0.54	0.39	0.26	0.15	0.07	0.01	0.00	0.00	0.00	
-50	2.53	2.42	2.30	2.15	1.95	1.68	1.31	1.14	0.97	0.75	0.56	0.38	0.23	0.11	0.03	0.00	0.00	0.00	
-45	3.13	3.00	2.86	2.68	2.45	2.12	1.68	1.37	1.12	0.87	0.66	0.47	0.29	0.15	0.05	0.00	0.00	0.00	
-40	4.03	3.87	3.69	3.48	3.21	2.78	2.23	1.71	1.34	1.04	0.81	0.61	0.39	0.20	0.07	0.00	0.00	0.00	
-35	6.40	5.79	5.06	4.36	3.78	3.23	2.64	2.00	1.56	1.19	0.91	0.69	0.45	0.24	0.09	0.00	0.00	0.00	
-30	9.96	8.66	7.12	5.69	4.63	3.92	3.26	2.43	1.88	1.43	1.06	0.81	0.55	0.30	0.12	0.00	0.00	0.00	
-25	16.0	13.5	10.5	7.91	5.90	4.49	3.59	2.72	2.08	1.58	1.16	0.88	0.60	0.33	0.14	0.01	0.00	0.00	
-20	31.5	25.0	18.6	14.9	8.66	5.83	4.21	3.18	2.44	1.82	1.33	0.97	0.68	0.38	0.16	0.02	0.00	0.00	
-15	50.1	37.8	26.9	19.8	11.0	7.00	4.71	3.43	2.64	1.95	1.41	1.01	0.70	0.40	0.17	0.03	0.00	0.00	
-10	129	68.9	41.4	24.8	15.3	9.27	5.72	3.94	2.99	2.17	1.57	1.10	0.75	0.44	0.19	0.04	0.00	0.00	
-5	282	111	51.2	29.5	17.4	10.3	6.15	4.13	3.09	2.26	1.64	1.13	0.76	0.45	0.20	0.04	0.00	0.00	
0	588	169	60.9	33.3	18.8	10.8	6.35	4.23	3.17	2.34	1.70	1.17	0.77	0.46	0.20	0.04	0.00	0.00	
5	490	156	57.5	32.0	19.1	10.4	6.20	4.15	3.15	2.33	1.70	1.17	0.78	0.45	0.20	0.04	0.00	0.00	
10	194	85.7	43.6	24.8	15.1	8.86	5.60	3.91	3.04	2.27	1.67	1.17	0.79	0.44	0.19	0.04	0.00	0.00	
15	89.6	52.8	32.4	19.4	12.0	7.54	4.98	3.64	2.88	2.17	1.61	1.14	0.78	0.43	0.18	0.03	0.00	0.00	
20	35.0	26.5	18.4	12.6	8.45	5.82	4.19	3.27	2.58	1.96	1.47	1.06	0.73	0.40	0.16	0.02	0.00	0.00	
25	22.4	17.7	13.0	9.41	6.72	4.93	3.81	3.02	2.35	1.81	1.34	0.99	0.67	0.36	0.14	0.02	0.00	0.00	
30	12.1	9.74	7.57	6.06	4.84	3.97	3.42	2.63	2.05	1.60	1.16	0.85	0.56	0.31	0.11	0.01	0.00	0.00	
35	9.11	7.60	6.15	5.15	4.32	3.63	3.04	2.33	1.83	1.41	1.05	0.76	0.49	0.26	0.10	0.00	0.00	0.00	
40	4.67	4.39	4.03	3.78	3.55	3.11	2.47	1.87	1.51	1.14	0.88	0.63	0.38	0.20	0.08	0.00	0.00	0.00	
45	4.03	3.82	3.53	3.28	3.03	2.65	2.08	1.61	1.30	1.00	0.77	0.53	0.32	0.16	0.06	0.00	0.00	0.00	
50	3.08	2.98	2.77	2.52	2.26	1.94	1.50	1.21	0.99	0.79	0.59	0.39	0.23	0.11	0.03	0.00	0.00	0.00	
55	2.46	2.38	2.22	2.03	1.83	1.56	1.23	1.00	0.82	0.64	0.47	0.31	0.18	0.09	0.02	0.00	0.00	0.00	
60	1.53	1.47	1.39	1.29	1.19	0.97	0.82	0.69	0.57	0.43	0.29	0.19	0.11	0.05	0.01	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:pyj
Test Date:2013-02-22

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: