

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

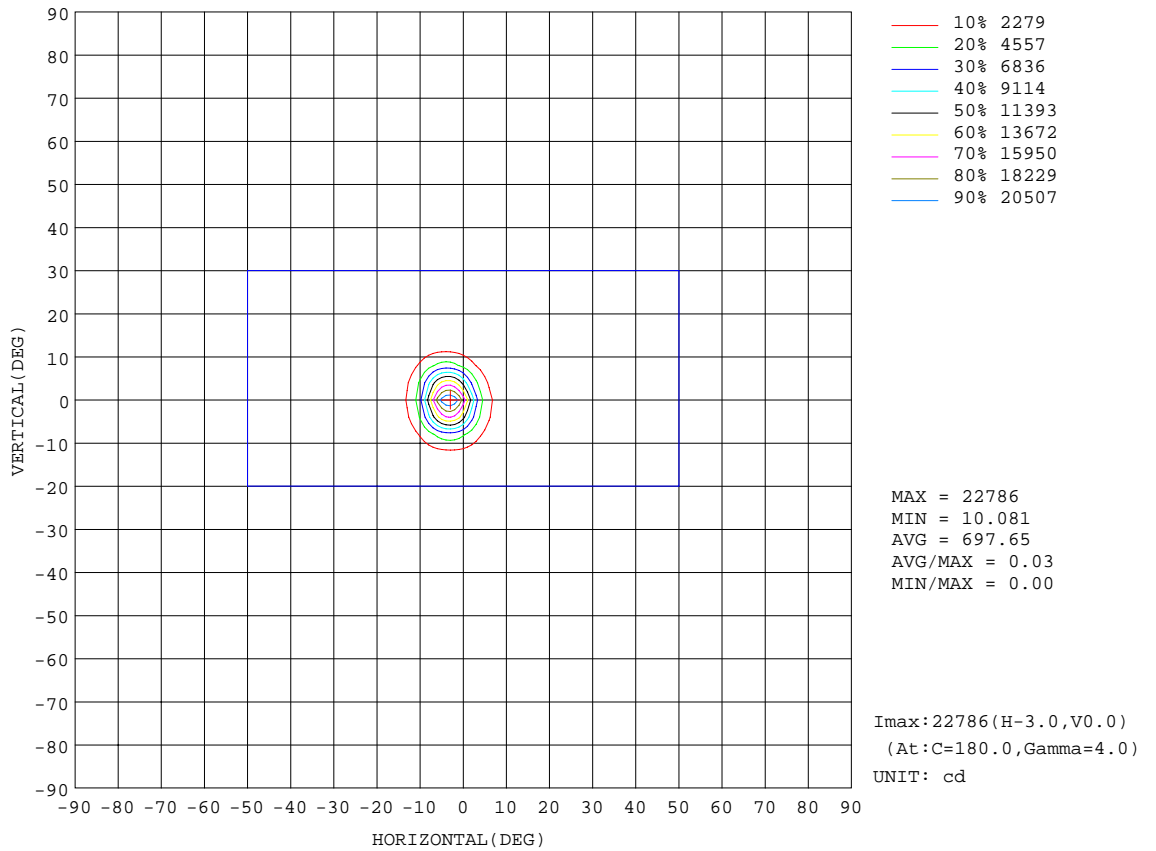
Maximum Intensity (Luminaire orientation as tested.)		19613.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	21.1V x 20.0H 10.5V x 10.0H 2.2V x 4.2H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.7 lumens per klm. 718.1 lumens per klm. 359.5 lumens per klm. 54.6 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.1 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:qcl
Test Date:2013-07-26

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:120.2V I:0.6340A P:48.79W PF:0.6403 Lamp Flux:1161.75x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L1240xW130xH82	SPEC.:120V 15°	SERIAL No.:20130760
MFR.: TPK	SUR.:	PROTECTION ANGLE:

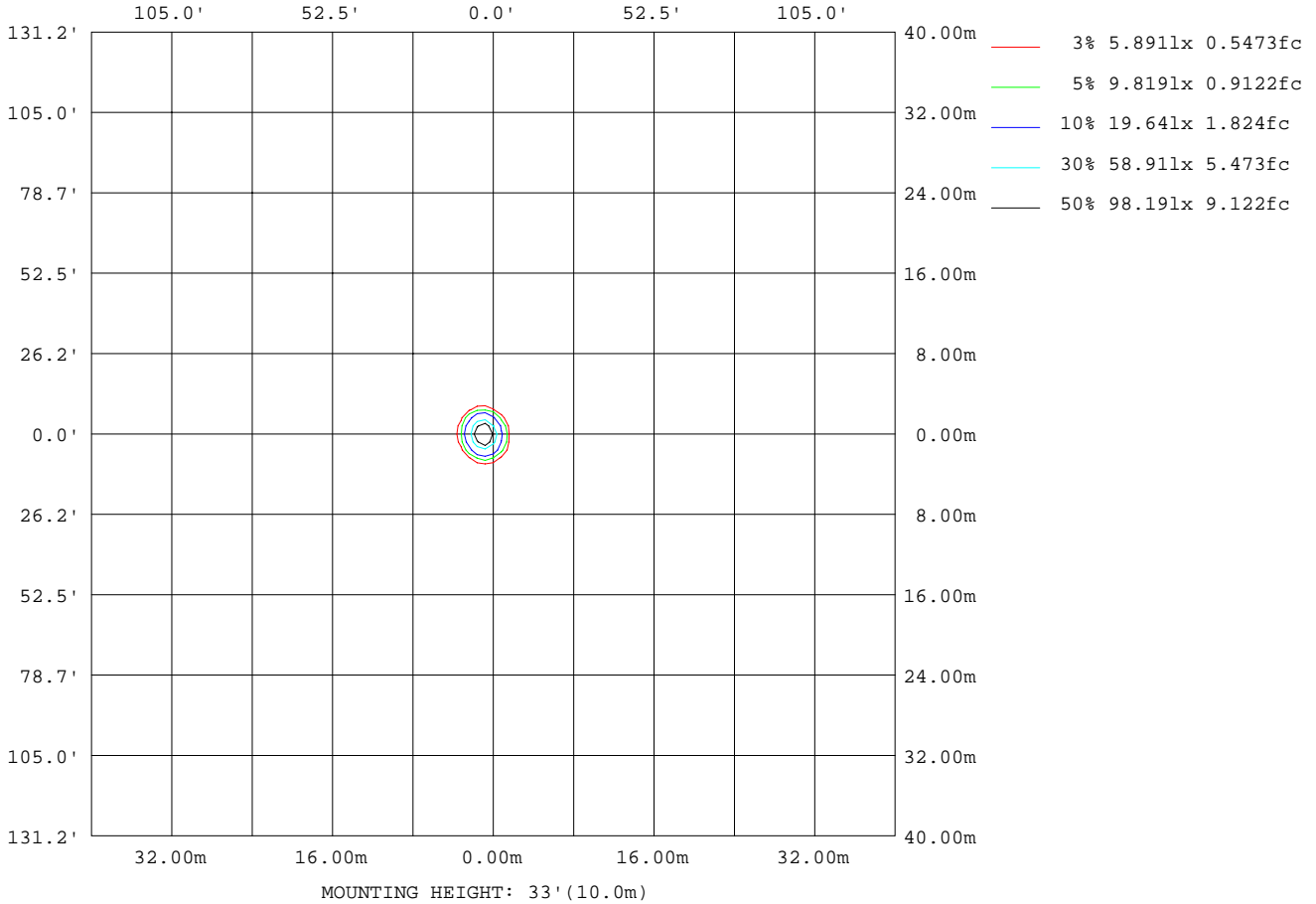


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: qcl
Test Date: 2013-07-26

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:120.2V I:0.6340A P:48.79W PF:0.6403 Lamp Flux:1161.75x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L1240xW130xH82	SPEC.:120V 15°	SERIAL No.:20130760
MFR.: TPK	SUR.:	PROTECTION ANGLE:

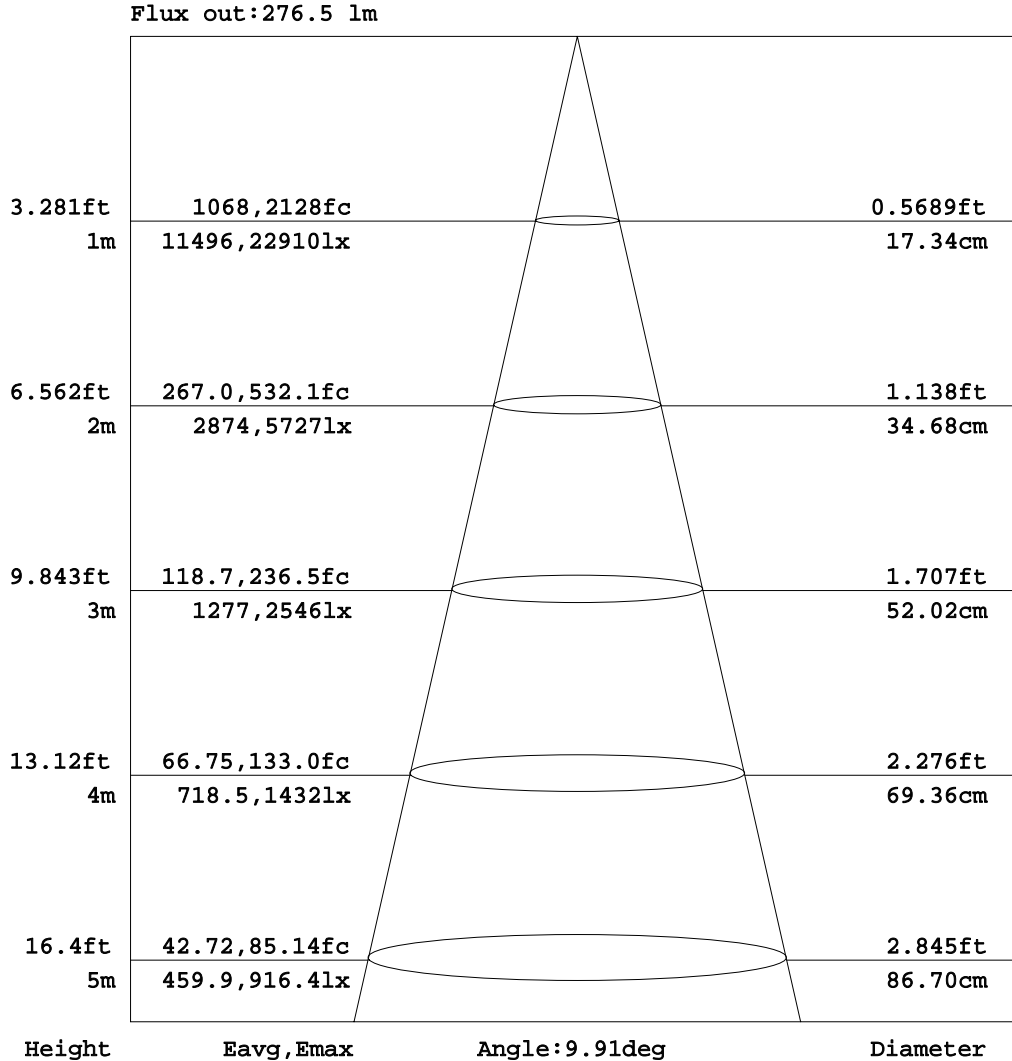


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: qcl
Test Date: 2013-07-26

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:120.2V I:0.6340A P:48.79W PF:0.6403 Lamp Flux:1161.75x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L1240xW130xH82	SPEC.:120V 15°	SERIAL No.:20130760
MFR.: TPK	SUR.:	PROTECTION ANGLE:

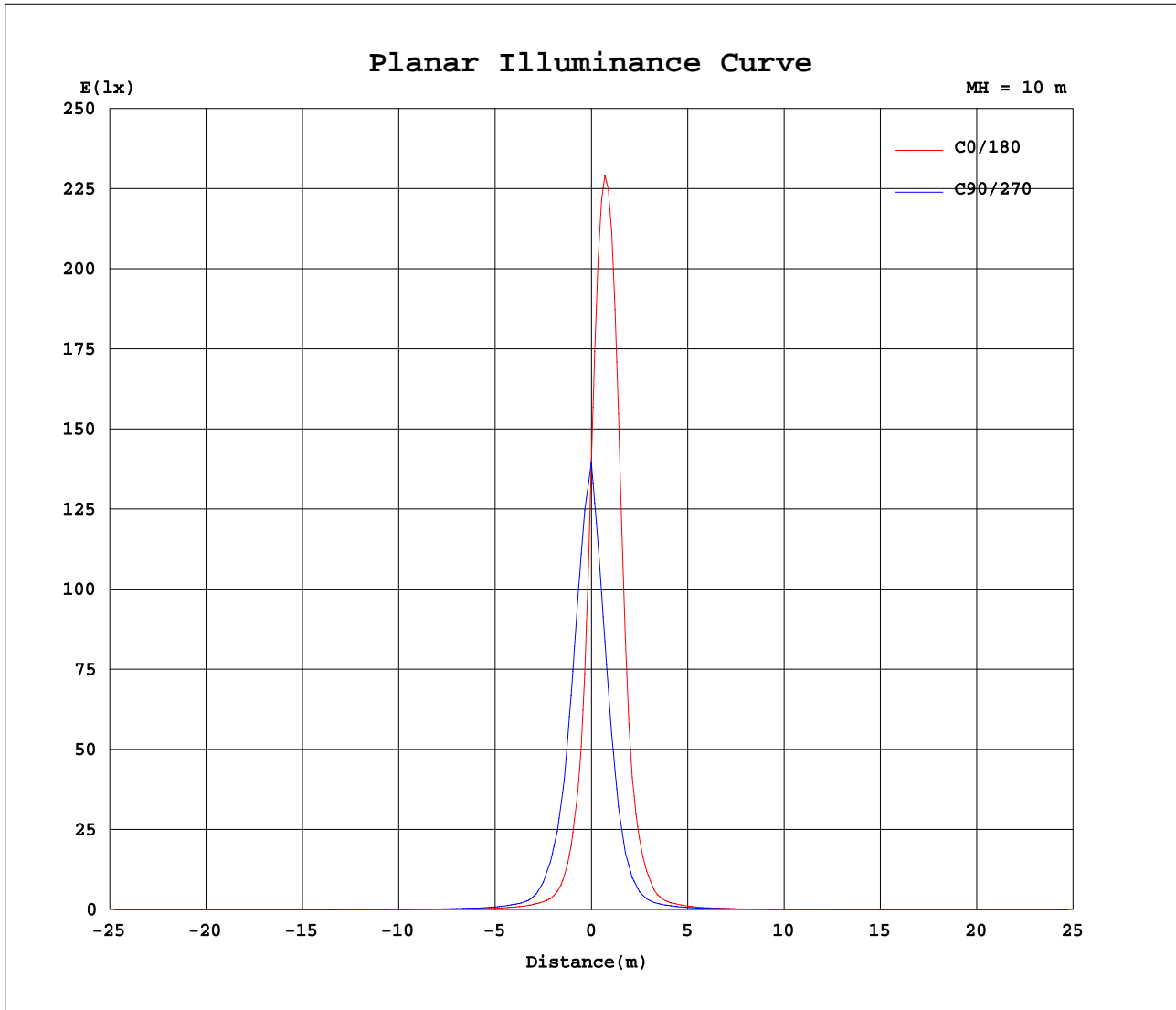


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:qcl
Test Date:2013-07-26

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:qcl
Test Date:2013-07-26

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:120.2V I:0.6340A P:48.79W PF:0.6403 Lamp Flux:1161.75x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L1240xW130xH82	SPEC.:120V 15°	SERIAL No.:20130760
MFR.: TPK	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×10cd

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	0.01	0.04	0.07	0.13	0.22	0.37	0.55	0.68	0.81	0.91	0.98	1.05	1.08	1.10	1.11	1.16
-55	0.00	0.00	0.00	0.02	0.05	0.10	0.21	0.36	0.56	0.74	0.92	1.09	1.25	1.37	1.48	1.55	1.58	1.62	1.66
-50	0.00	0.00	0.02	0.05	0.10	0.21	0.43	0.68	0.92	1.12	1.37	1.62	1.84	2.02	2.19	2.27	2.34	2.40	2.40
-45	0.00	0.00	0.03	0.06	0.14	0.31	0.57	0.84	1.13	1.41	1.71	2.02	2.31	2.53	2.69	2.80	2.91	2.97	2.95
-40	0.00	0.00	0.02	0.05	0.13	0.35	0.63	0.97	1.29	1.68	2.08	2.46	2.86	3.19	3.39	3.55	3.70	3.82	3.81
-35	0.00	0.00	0.02	0.07	0.18	0.45	0.76	1.12	1.51	1.94	2.40	2.82	3.22	3.73	4.20	4.69	5.21	5.52	5.52
-30	0.00	0.01	0.05	0.14	0.41	0.74	1.09	1.54	2.03	2.55	3.10	3.51	4.00	4.89	5.80	6.84	7.82	8.12	7.87
-25	0.00	0.01	0.06	0.18	0.50	0.83	1.19	1.72	2.26	2.83	3.27	3.83	4.90	6.31	8.56	10.2	11.8	12.4	12.1
-20	0.00	0.00	0.05	0.16	0.44	0.76	1.12	1.65	2.21	2.88	3.33	4.11	5.63	7.84	11.2	16.1	21.4	25.4	25.4
-15	0.00	0.01	0.06	0.18	0.49	0.81	1.19	1.74	2.32	2.86	3.36	4.51	6.53	9.80	15.5	25.1	40.7	58.7	57.7
-10	0.00	0.04	0.12	0.33	0.66	1.00	1.52	2.10	2.71	3.12	3.99	5.94	9.39	16.2	31.5	82.7	220	320	227
-5	0.00	0.04	0.12	0.36	0.69	1.05	1.57	2.19	2.78	3.22	4.28	6.53	10.6	19.7	43.5	161	584	1063	547
0	0.00	0.02	0.09	0.24	0.58	0.91	1.37	1.98	2.65	3.05	3.85	5.82	9.36	17.1	35.3	139	636	2123	1728
5	0.00	0.02	0.09	0.25	0.58	0.92	1.38	1.99	2.65	3.04	3.82	5.77	9.17	16.7	33.2	120	497	1409	1062
10	0.00	0.05	0.14	0.39	0.72	1.06	1.59	2.22	2.77	3.16	4.13	6.30	9.93	17.5	33.0	88.4	208	258	159
15	0.00	0.05	0.14	0.39	0.71	1.04	1.55	2.16	2.74	3.08	3.90	5.76	8.62	13.6	23.2	41.0	71.5	81.3	54.6
20	0.00	0.03	0.09	0.24	0.55	0.86	1.25	1.78	2.43	2.90	3.28	4.18	5.81	8.03	11.2	15.7	20.0	21.9	20.4
25	0.00	0.03	0.09	0.22	0.52	0.83	1.18	1.71	2.33	2.88	3.18	3.77	4.86	6.43	8.30	11.2	12.8	13.7	12.9
30	0.00	0.05	0.12	0.28	0.56	0.88	1.26	1.77	2.29	2.83	3.09	3.37	3.98	4.82	5.71	6.57	7.10	7.34	6.73
35	0.00	0.05	0.11	0.25	0.52	0.81	1.15	1.60	2.07	2.55	2.86	3.16	3.60	4.13	4.71	5.26	5.61	5.75	5.36
40	0.00	0.02	0.07	0.15	0.34	0.60	0.90	1.19	1.59	1.97	2.36	2.72	2.97	3.08	3.16	3.27	3.35	3.38	3.33
45	0.00	0.02	0.07	0.13	0.28	0.51	0.78	1.05	1.37	1.69	2.03	2.34	2.56	2.69	2.78	2.86	2.92	2.93	2.86
50	0.00	0.04	0.08	0.14	0.26	0.48	0.70	0.93	1.12	1.36	1.63	1.85	2.01	2.15	2.23	2.27	2.28	2.22	2.14
55	0.01	0.04	0.07	0.12	0.22	0.38	0.57	0.77	0.93	1.13	1.34	1.51	1.63	1.73	1.79	1.81	1.80	1.74	1.67
60	0.01	0.02	0.05	0.08	0.12	0.19	0.32	0.48	0.61	0.74	0.86	0.97	1.04	1.10	1.12	1.12	1.10	1.06	1.00
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:qcl
Test Date:2013-07-26

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:120.2V I:0.6340A P:48.79W PF:0.6403 Lamp Flux:1161.75x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L1240xW130xH82	SPEC.:120V 15°	SERIAL No.:20130760
MFR.: TPK	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: ×10cd

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	1.12	1.07	1.01	0.92	0.80	0.67	0.55	0.40	0.25	0.16	0.09	0.06	0.03	0.01	0.00	0.00	0.00	
-55	1.62	1.58	1.52	1.42	1.28	1.11	0.93	0.76	0.58	0.40	0.27	0.15	0.08	0.04	0.01	0.00	0.00	0.00	
-50	2.34	2.25	2.13	1.95	1.73	1.48	1.21	0.99	0.75	0.56	0.34	0.16	0.08	0.04	0.01	0.00	0.00	0.00	
-45	2.87	2.76	2.63	2.44	2.15	1.83	1.51	1.23	0.92	0.69	0.45	0.24	0.10	0.05	0.01	0.00	0.00	0.00	
-40	3.71	3.59	3.45	3.28	2.97	2.52	2.12	1.74	1.34	1.00	0.70	0.46	0.21	0.09	0.04	0.00	0.00	0.00	
-35	5.14	4.68	4.21	3.75	3.27	2.85	2.45	1.97	1.53	1.13	0.79	0.52	0.25	0.10	0.04	0.00	0.00	0.00	
-30	6.88	5.94	5.00	4.13	3.52	3.23	2.71	2.11	1.60	1.14	0.80	0.51	0.21	0.08	0.03	0.00	0.00	0.00	
-25	9.91	8.03	6.32	4.93	3.94	3.36	2.94	2.28	1.73	1.25	0.88	0.54	0.24	0.09	0.03	0.00	0.00	0.00	
-20	21.2	15.2	10.5	7.39	5.34	3.98	3.30	2.87	2.14	1.58	1.10	0.71	0.41	0.15	0.06	0.01	0.00	0.00	
-15	38.7	23.6	14.1	9.07	6.14	4.32	3.36	2.92	2.22	1.62	1.12	0.74	0.43	0.16	0.06	0.01	0.00	0.00	
-10	88.7	32.3	16.6	9.44	6.02	4.05	3.14	2.74	2.04	1.46	0.97	0.63	0.33	0.12	0.04	0.00	0.00	0.00	
-5	155	41.1	18.7	10.1	6.31	4.21	3.19	2.77	2.08	1.48	0.97	0.63	0.33	0.12	0.04	0.00	0.00	0.00	
0	386	82.0	27.4	13.7	7.97	5.09	3.54	2.94	2.42	1.73	1.15	0.78	0.46	0.17	0.06	0.01	0.00	0.00	
5	275	63.2	24.6	12.8	7.61	4.87	3.43	2.91	2.37	1.70	1.13	0.76	0.44	0.16	0.06	0.01	0.00	0.00	
10	56.4	26.0	14.2	8.46	5.55	3.83	3.06	2.67	1.96	1.38	0.92	0.58	0.28	0.10	0.03	0.00	0.00	0.00	
15	30.1	18.0	10.8	7.08	4.85	3.51	3.00	2.55	1.88	1.31	0.89	0.55	0.24	0.09	0.03	0.00	0.00	0.00	
20	16.7	11.9	8.50	6.17	4.50	3.45	3.03	2.56	1.92	1.39	0.98	0.60	0.30	0.11	0.04	0.00	0.00	0.00	
25	11.7	8.86	6.50	5.00	3.86	3.24	2.91	2.35	1.77	1.29	0.91	0.55	0.25	0.10	0.04	0.00	0.00	0.00	
30	6.11	4.92	4.09	3.47	3.14	2.85	2.31	1.80	1.37	1.01	0.64	0.35	0.14	0.06	0.01	0.00	0.00	0.00	
35	4.94	4.17	3.62	3.17	2.83	2.50	2.02	1.57	1.20	0.86	0.54	0.28	0.12	0.05	0.00	0.00	0.00	0.00	
40	3.24	3.09	2.96	2.81	2.52	2.11	1.73	1.36	1.06	0.74	0.50	0.24	0.11	0.06	0.01	0.00	0.00	0.00	
45	2.78	2.64	2.51	2.34	2.08	1.74	1.43	1.13	0.87	0.60	0.38	0.19	0.09	0.04	0.01	0.00	0.00	0.00	
50	2.04	1.91	1.74	1.54	1.34	1.11	0.91	0.70	0.52	0.31	0.16	0.09	0.04	0.01	0.00	0.00	0.00	0.00	
55	1.60	1.49	1.37	1.20	1.04	0.86	0.69	0.52	0.37	0.23	0.12	0.07	0.03	0.00	0.00	0.00	0.00	0.00	
60	0.95	0.89	0.84	0.74	0.64	0.54	0.41	0.29	0.18	0.12	0.08	0.05	0.02	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:qcl
Test Date:2013-07-26

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: