
Floodlight Summary:

Report based on lamp delivering 1000 lumens.

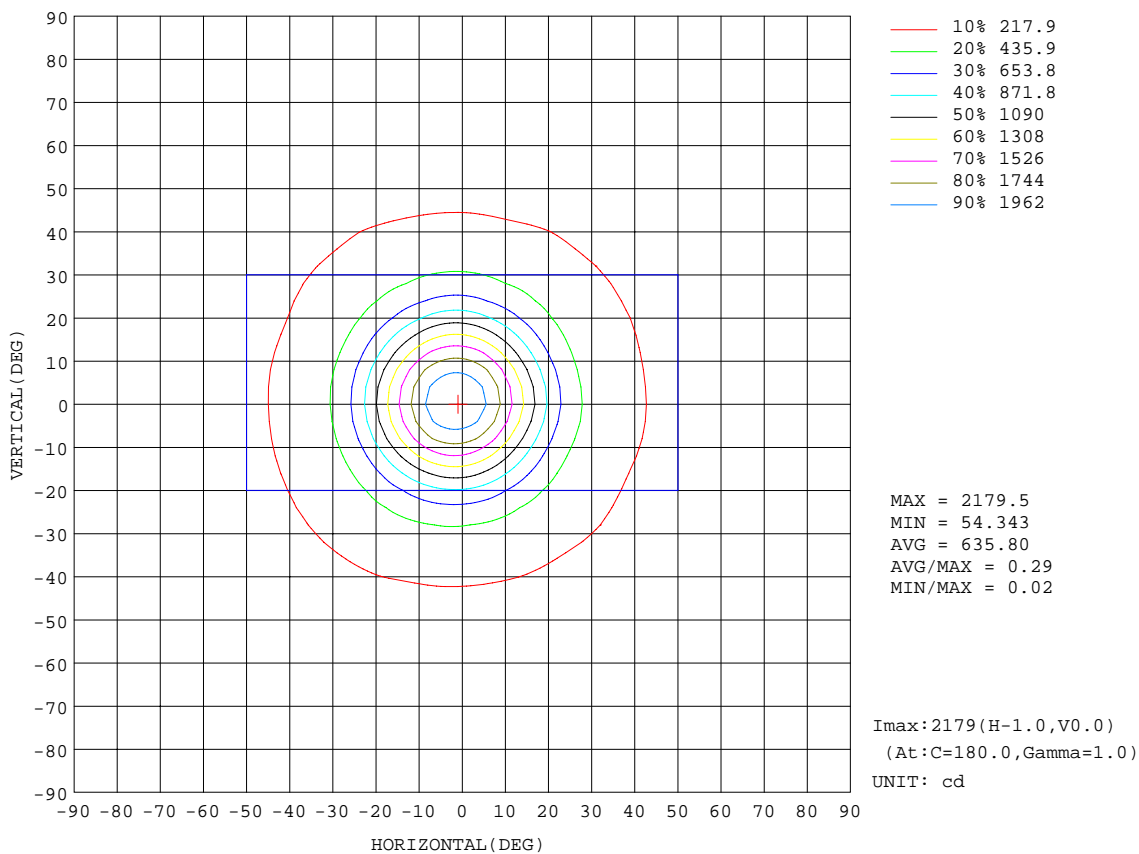
Maximum Intensity (Luminaire orientation as tested.)		1717.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	86.7V x 87.7H 35.9V x 36.8H 13.5V x 14.1H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.6 lumens per klm. 864.1 lumens per klm. 379.3 lumens per klm. 73.2 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:qcl
Test Date:2013-03-27

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:119.7V I:0.6739A P:53.44W PF:0.6623 Lamp Flux:1268.93x1 lm		
NAME: LED Wall Washer 1B SERIES	TYPE:	WEIGHT:4.3
DIM.: 333*147*210	SPEC.:	SERIAL No.:20130324
MFR.: TPK	SUR.:	PROTECTION ANGLE:

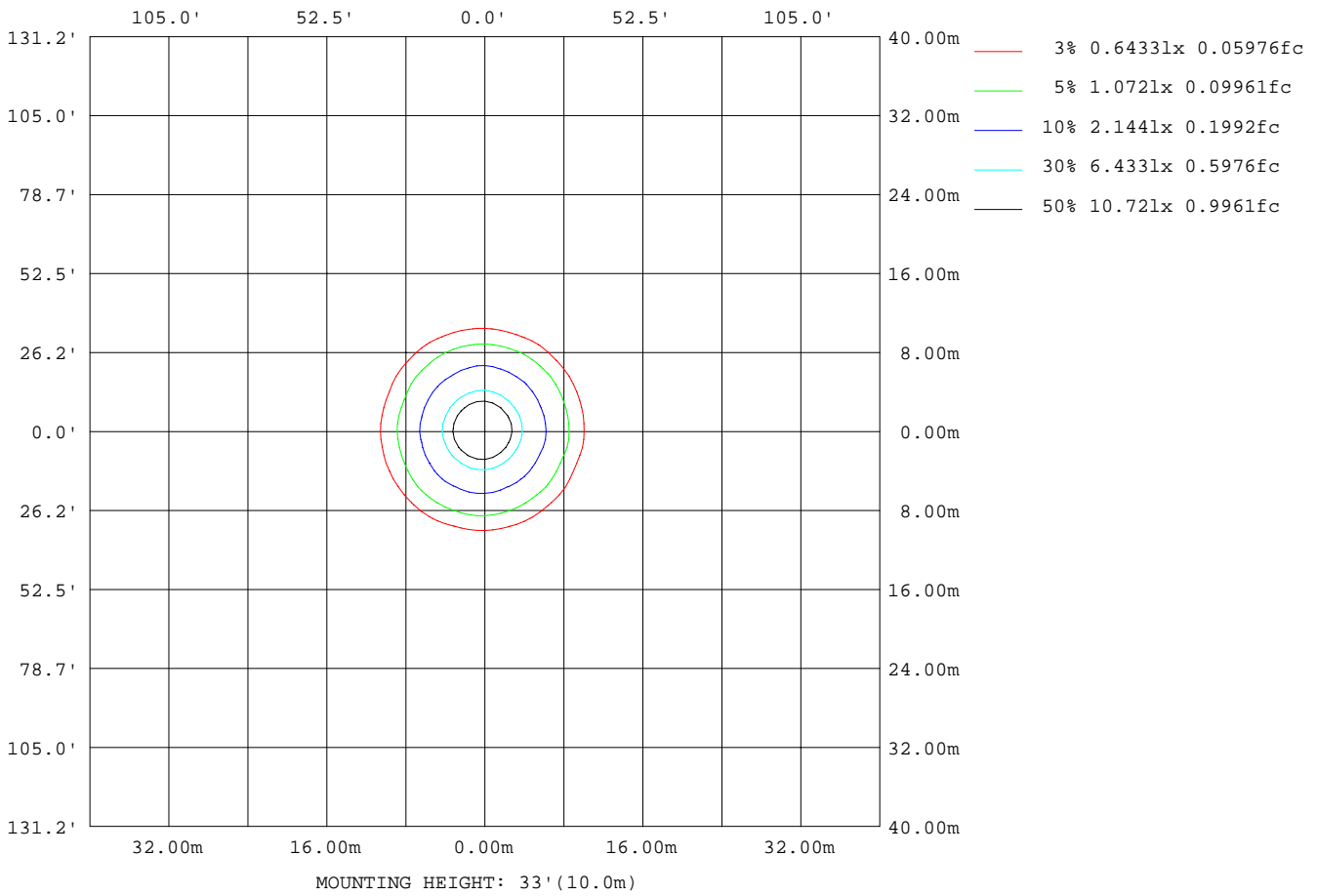


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:qcl
Test Date:2013-03-27

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:119.7V I:0.6739A P:53.44W PF:0.6623 Lamp Flux:1268.93x1 lm		
NAME: LED Wall Washer 1B SERIES	TYPE:	WEIGHT:4.3
DIM.: 333*147*210	SPEC.:	SERIAL No.:20130324
MFR.: TPK	SUR.:	PROTECTION ANGLE:

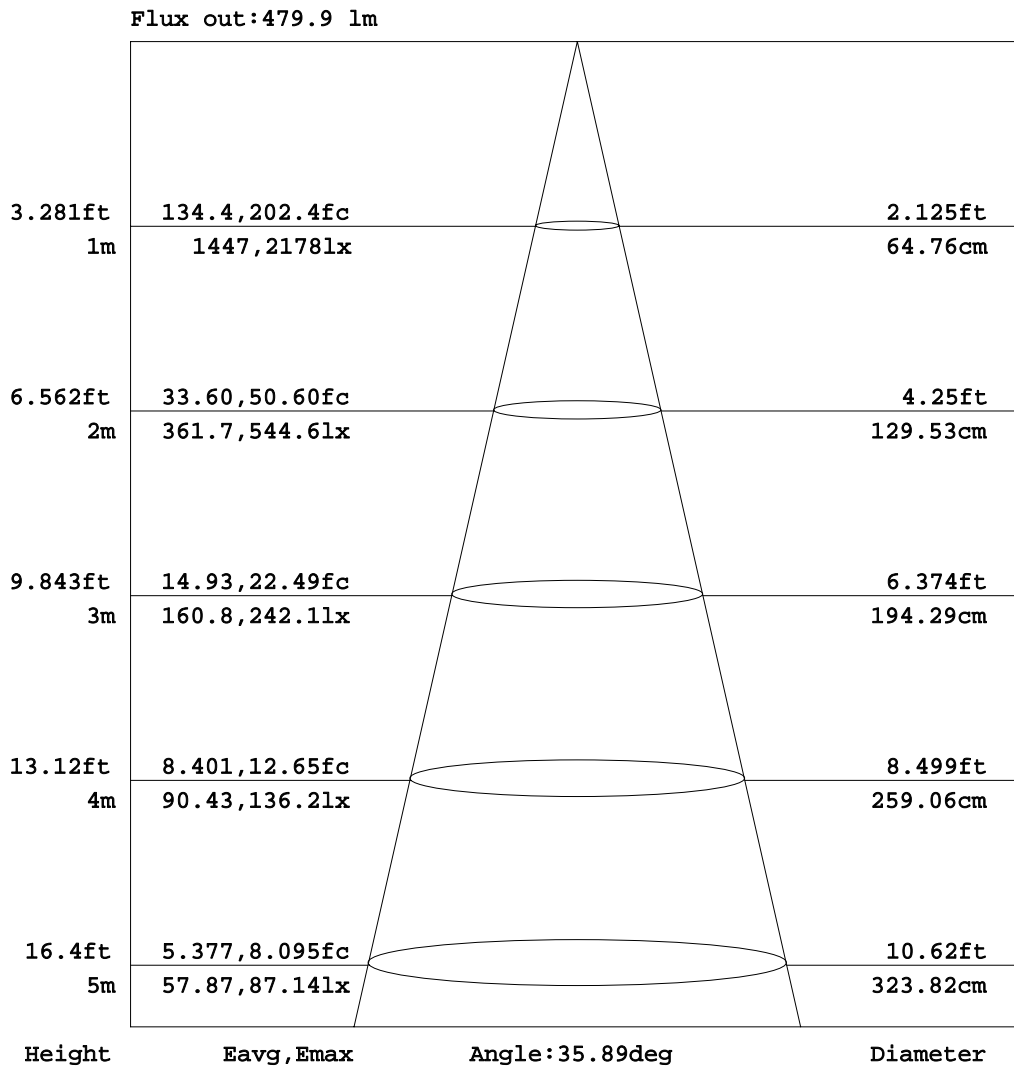


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: qcl
Test Date: 2013-03-27

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:119.7V I:0.6739A P:53.44W PF:0.6623 Lamp Flux:1268.93x1 lm		
NAME: LED Wall Washer 1B SERIES	TYPE:	WEIGHT:4.3
DIM.: 333*147*210	SPEC.:	SERIAL No.:20130324
MFR.: TPK	SUR.:	PROTECTION ANGLE:

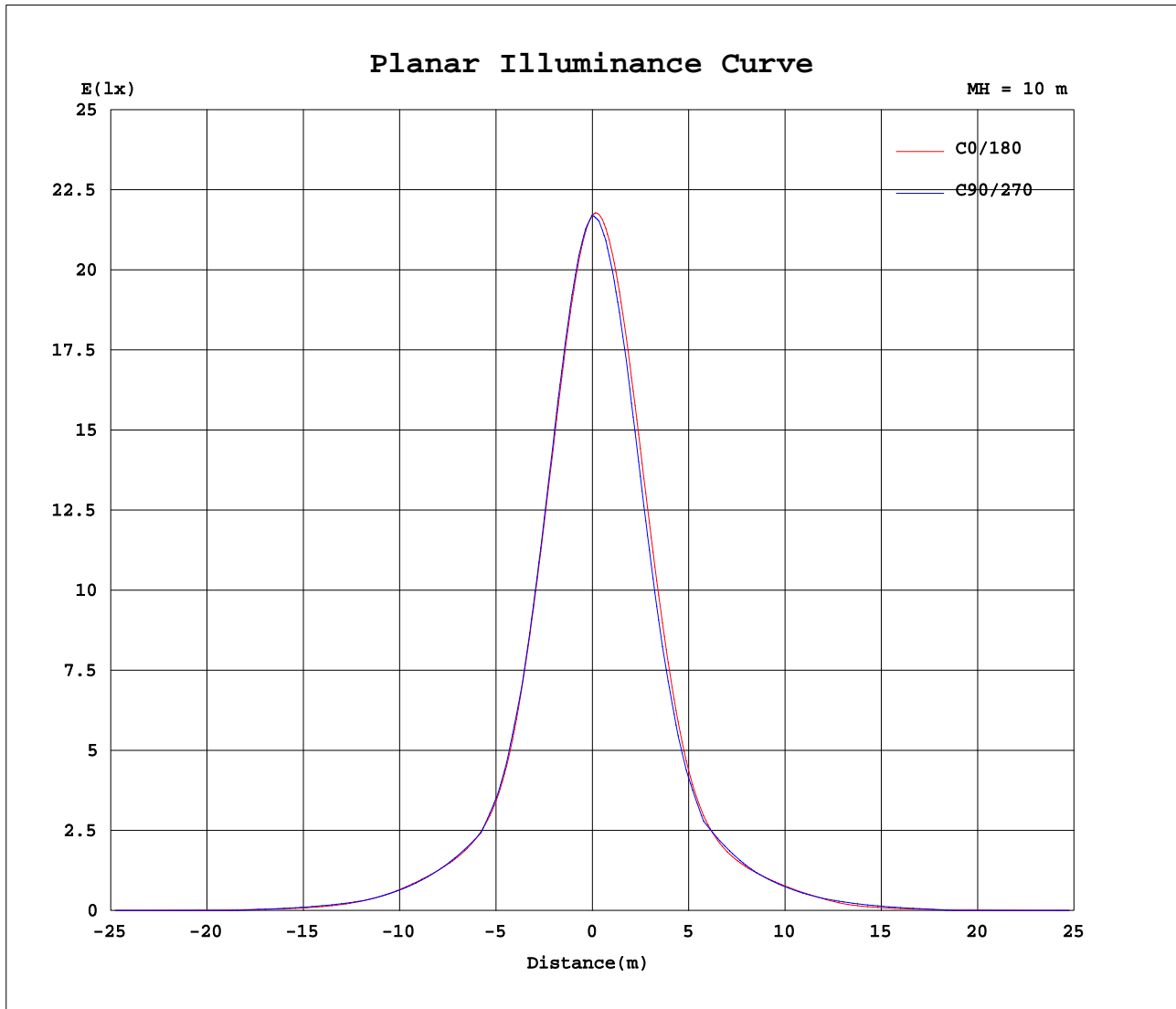


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:qcl
Test Date:2013-03-27

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:2013-03-27

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:119.7V I:0.6739A P:53.44W PF:0.6623 Lamp Flux:1268.93x1 lm		
NAME: LED Wall Washer 1B SERIES	TYPE:	WEIGHT:4.3
DIM.: 333*147*210	SPEC.:	SERIAL No.:20130324
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	0.12	0.73	1.92	3.21	5.39	7.40	9.82	12.3	15.9	20.4	23.8	26.6	28.6	29.9	30.1
-55	0.00	0.00	0.00	0.03	0.42	1.46	3.06	5.39	8.37	12.0	16.6	24.4	32.7	41.7	49.2	55.3	60.5	63.9	64.6
-50	0.00	0.00	0.00	0.07	0.88	2.55	4.78	8.66	12.8	18.8	26.8	42.6	57.8	73.6	87.3	98.3	108	115	116
-45	0.00	0.00	0.00	0.23	1.46	3.50	6.92	11.9	18.8	29.7	49.4	73.8	98.3	121	138	150	161	168	169
-40	0.00	0.00	0.00	0.48	2.32	4.92	10.1	16.8	27.7	46.1	83.2	121	159	191	213	228	239	248	247
-35	0.00	0.00	0.00	0.65	2.76	6.19	12.4	21.7	37.6	71.1	115	157	197	228	253	272	287	299	298
-30	0.00	0.00	0.00	0.91	3.42	8.09	15.9	29.0	52.5	108	162	211	253	285	313	338	359	375	375
-25	0.00	0.00	0.00	1.11	3.91	9.53	18.9	35.6	67.1	135	191	238	279	320	367	419	471	507	509
-20	0.00	0.00	0.03	1.38	4.49	11.4	22.7	44.5	89.9	167	222	266	316	385	489	620	748	838	852
-15	0.00	0.00	0.04	1.57	4.97	12.7	25.5	50.9	108	184	238	282	345	448	617	823	1019	1151	1172
-10	0.00	0.00	0.08	1.78	5.44	14.0	28.6	58.3	128	203	255	305	393	564	836	1156	1459	1651	1676
-5	0.00	0.00	0.08	1.91	5.74	14.7	30.4	62.3	139	212	264	321	428	644	976	1354	1707	1925	1955
0	0.00	0.00	0.10	1.95	5.89	15.0	31.3	64.6	145	218	272	334	456	705	1083	1496	1872	2118	2171
5	0.00	0.00	0.08	1.98	5.92	15.1	31.4	64.6	144	217	272	333	452	690	1054	1457	1825	2062	2107
10	0.00	0.00	0.08	1.86	5.62	14.4	29.5	60.2	132	205	259	314	408	592	883	1225	1550	1757	1798
15	0.00	0.00	0.05	1.77	5.38	13.7	27.8	55.9	122	193	246	296	373	514	742	1014	1274	1451	1484
20	0.00	0.00	0.01	1.50	4.78	12.1	24.0	46.9	96.2	168	223	269	325	406	532	692	853	970	993
25	0.00	0.00	0.00	1.35	4.42	10.9	21.5	40.8	80.2	150	207	254	300	355	431	528	627	700	716
30	0.00	0.00	0.00	1.00	3.63	8.63	17.0	31.1	56.6	116	174	223	261	293	327	364	399	425	431
35	0.00	0.00	0.00	0.79	3.18	7.36	14.6	26.1	46.5	91.8	144	190	228	260	290	319	345	364	368
40	0.00	0.00	0.00	0.49	2.49	5.44	10.9	18.5	31.4	55.2	99.0	140	178	211	235	252	264	273	275
45	0.00	0.00	0.00	0.33	1.94	4.44	8.82	15.1	24.9	42.3	73.2	106	137	164	186	202	215	222	224
50	0.00	0.00	0.00	0.10	1.12	2.93	5.65	9.89	15.2	22.8	34.5	55.4	74.5	94.6	113	129	140	147	147
55	0.00	0.00	0.00	0.06	0.75	2.21	4.36	7.61	11.8	17.4	25.8	39.7	53.8	68.1	81.5	92.2	100	105	105
60	0.00	0.00	0.00	0.00	0.20	1.12	2.43	4.18	6.77	9.39	12.6	16.2	22.7	28.3	33.5	37.5	40.3	41.7	41.4
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:2013-03-27

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:119.7V I:0.6739A P:53.44W PF:0.6623 Lamp Flux:1268.93x1 lm		
NAME: LED Wall Washer 1B SERIES	TYPE:	WEIGHT:4.3
DIM.: 333*147*210	SPEC.:	SERIAL No.:20130324
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
-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	29.3	27.5	25.0	22.1	19.0	15.9	13.1	10.3	7.90	5.89	4.26	2.74	1.62	0.67	0.17	0.03	0.00	0.00
-55	62.6	58.1	51.8	44.3	36.5	29.0	22.4	16.8	12.2	8.70	6.09	3.99	2.41	1.15	0.31	0.02	0.00	0.00
-50	113	104	91.9	77.6	62.7	48.5	36.3	26.5	18.7	12.9	8.84	5.87	3.60	1.87	0.54	0.02	0.00	0.00
-45	164	154	140	123	103	80.7	59.5	41.3	27.5	17.8	11.6	7.45	4.55	2.41	0.83	0.07	0.00	0.00
-40	240	228	212	191	162	129	94.3	63.5	40.6	25.2	15.6	9.83	5.98	3.23	1.28	0.14	0.00	0.00
-35	288	271	250	226	198	166	128	89.4	56.4	33.7	20.0	12.0	7.10	3.89	1.56	0.18	0.00	0.00
-30	360	336	308	280	252	221	180	128	80.0	46.4	26.5	15.3	8.77	4.88	1.98	0.24	0.00	0.00
-25	477	424	368	320	281	245	204	151	97.6	56.4	31.4	17.5	9.83	5.34	2.20	0.31	0.00	0.00
-20	783	657	520	407	331	278	235	185	126	74.2	40.2	21.4	11.6	6.17	2.59	0.41	0.00	0.00
-15	1069	883	674	493	370	300	252	203	144	85.6	45.6	23.7	12.5	6.55	2.78	0.47	0.00	0.00
-10	1533	1256	937	648	446	340	282	232	169	102	53.3	26.8	13.8	7.10	3.04	0.54	0.00	0.00
-5	1795	1474	1099	750	497	364	296	244	179	109	56.4	28.1	14.3	7.30	3.13	0.58	0.01	0.00
0	1993	1652	1244	846	542	381	304	250	186	114	59.2	29.3	14.8	7.51	3.24	0.61	0.00	0.00
5	1945	1612	1209	822	528	373	299	247	184	112	58.5	29.0	14.6	7.47	3.19	0.61	0.02	0.00
10	1664	1368	1019	703	473	350	286	238	176	107	55.7	27.8	14.2	7.29	3.11	0.56	0.00	0.00
15	1363	1121	843	595	422	329	275	227	165	98.5	51.7	26.1	13.6	7.03	2.94	0.53	0.02	0.00
20	910	759	595	454	359	299	255	206	143	83.9	44.1	23.2	12.4	6.52	2.69	0.45	0.00	0.00
25	663	568	470	387	325	279	236	184	123	71.4	38.3	20.6	11.2	5.97	2.43	0.39	0.04	0.00
30	412	380	348	315	281	245	200	146	93.6	54.3	30.4	17.0	9.64	5.25	2.07	0.26	0.00	0.00
35	354	330	305	277	245	208	165	118	75.5	44.5	25.6	14.7	8.48	4.55	1.76	0.23	0.01	0.00
40	268	255	240	221	190	152	112	75.4	48.3	29.9	18.3	11.2	6.75	3.50	1.30	0.18	0.03	0.00
45	217	204	189	171	145	115	84.7	58.0	37.9	24.0	15.1	9.49	5.73	2.92	1.01	0.13	0.02	0.00
50	140	128	113	96.5	78.2	60.2	44.4	31.8	22.3	15.2	10.3	6.87	4.22	2.05	0.57	0.06	0.00	0.00
55	100	91.2	80.7	69.2	56.6	44.1	33.1	24.2	17.2	12.0	8.24	5.48	3.30	1.54	0.42	0.06	0.00	0.00
60	39.4	36.1	32.3	28.3	24.2	20.1	16.2	12.7	9.54	7.11	5.15	3.40	1.92	0.79	0.19	0.05	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:2013-03-27

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: