

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

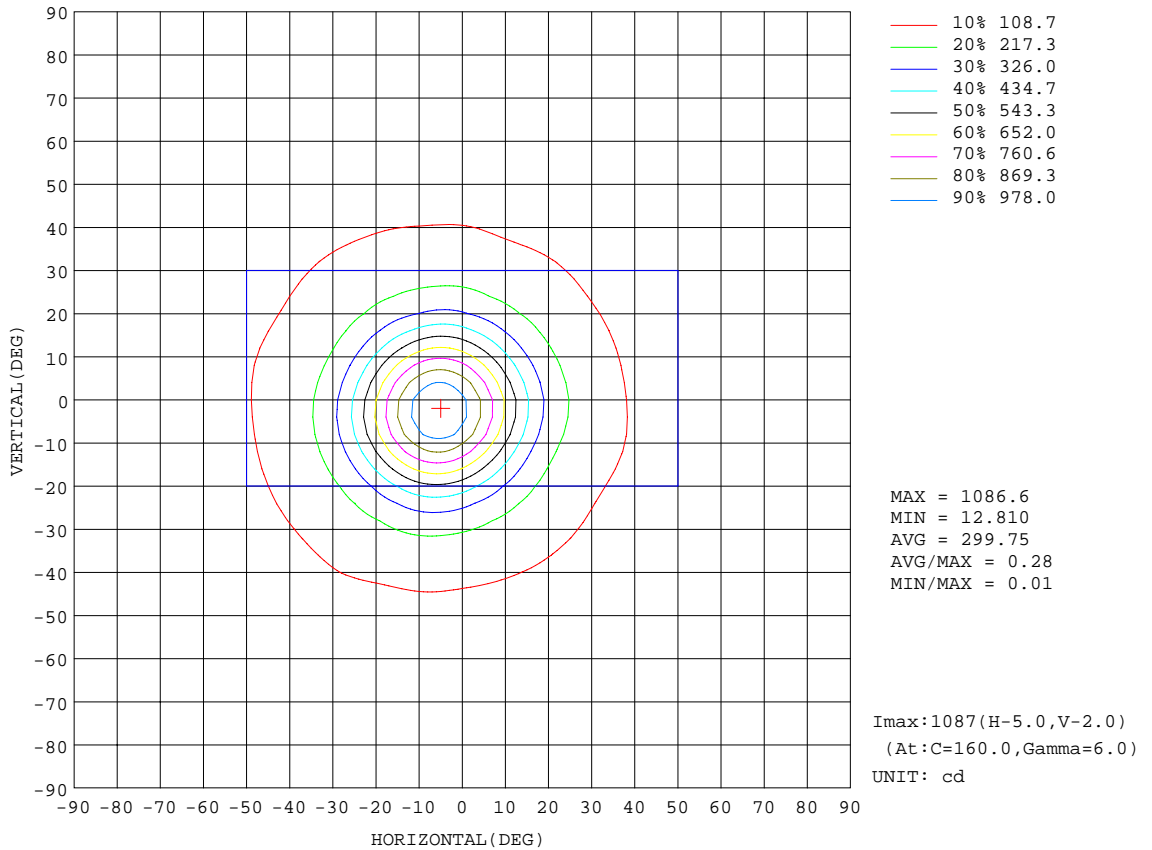
Maximum Intensity		1780.0 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of I _{max}	85.0V x 87.0H
	At 50% of I _{max}	34.3V x 35.4H
	At 90% of I _{max}	13.2V x 13.1H
Beam Flux	Total	999.3 lumens per klm.
	To 10% of I _{max}	851.2 lumens per klm.
	To 50% of I _{max}	359.6 lumens per klm.
	To 90% of I _{max}	69.4 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.9 %
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:2013-07-05

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:0.3299A P:24.65W PF:0.6217 Lamp Flux:610.465x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L580xW130xH82mm	SPEC.:	SERIAL No.:20130708
MFR.: TPK	SUR.:	PROTECTION ANGLE:

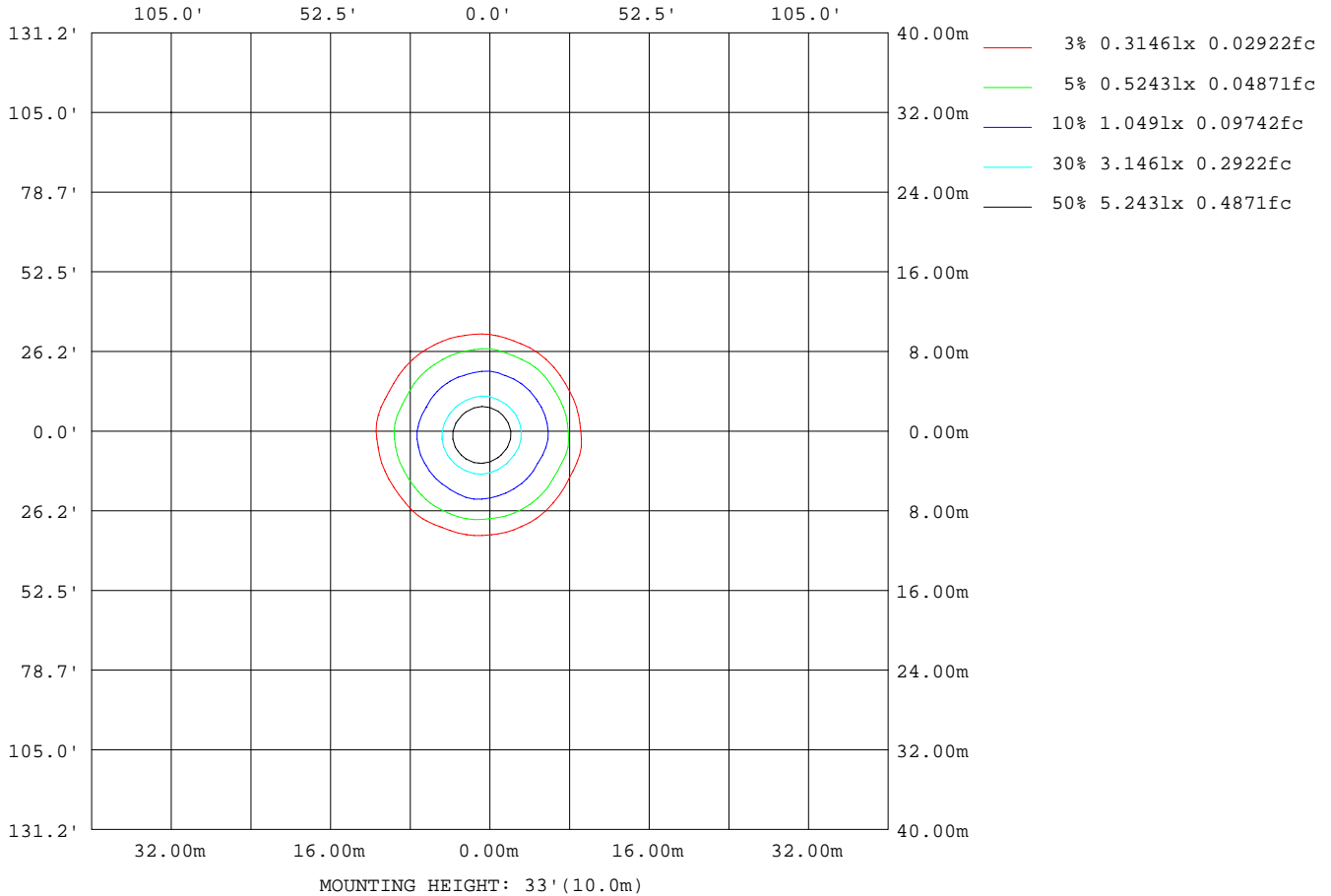


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:qcl
 Test Date:2013-07-05

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:0.3299A P:24.65W PF:0.6217 Lamp Flux:610.465x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L580xW130xH82mm	SPEC.:	SERIAL No.:20130708
MFR.: TPK	SUR.:	PROTECTION ANGLE:



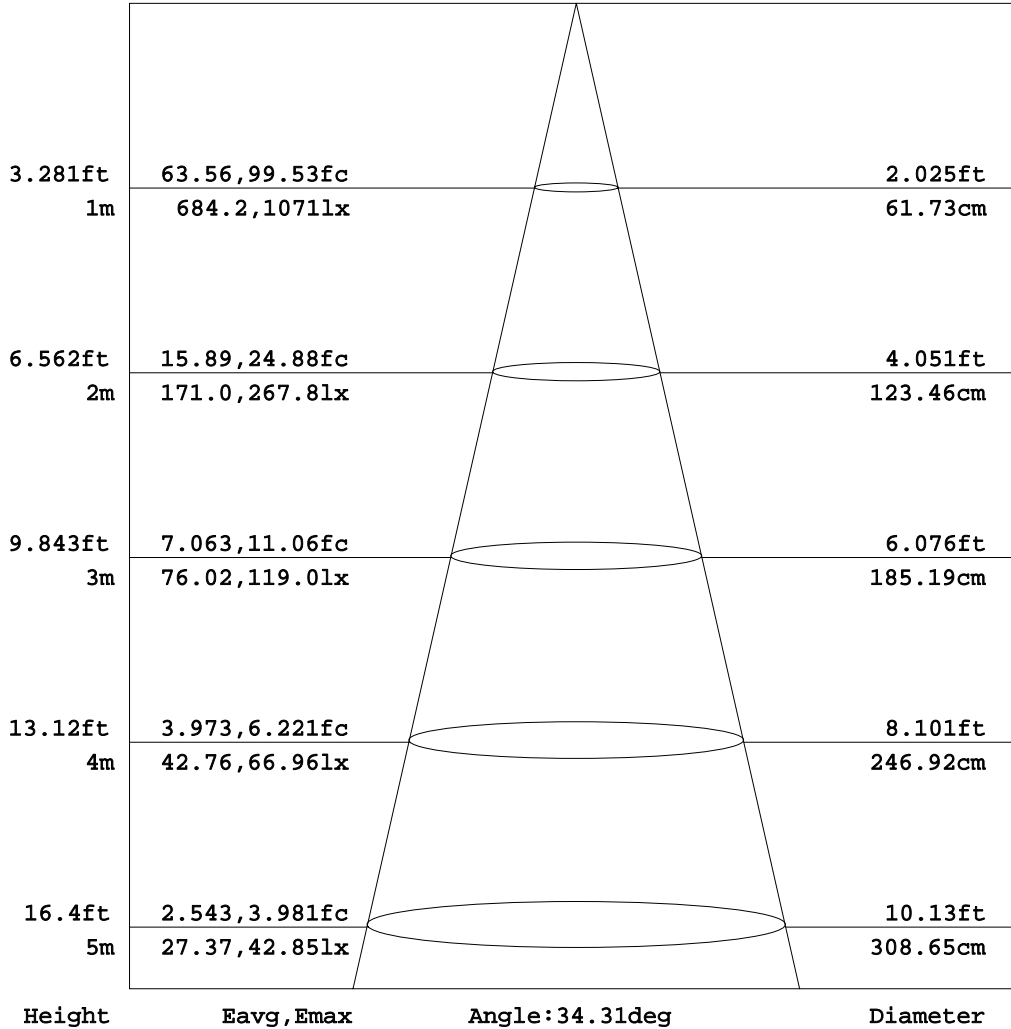
H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: qcl
Test Date: 2013-07-05

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:0.3299A P:24.65W PF:0.6217 Lamp Flux:610.465x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L580xW130xH82mm	SPEC.:	SERIAL No.:20130708
MFR.: TPK	SUR.:	PROTECTION ANGLE:

Flux out:213.7 lm

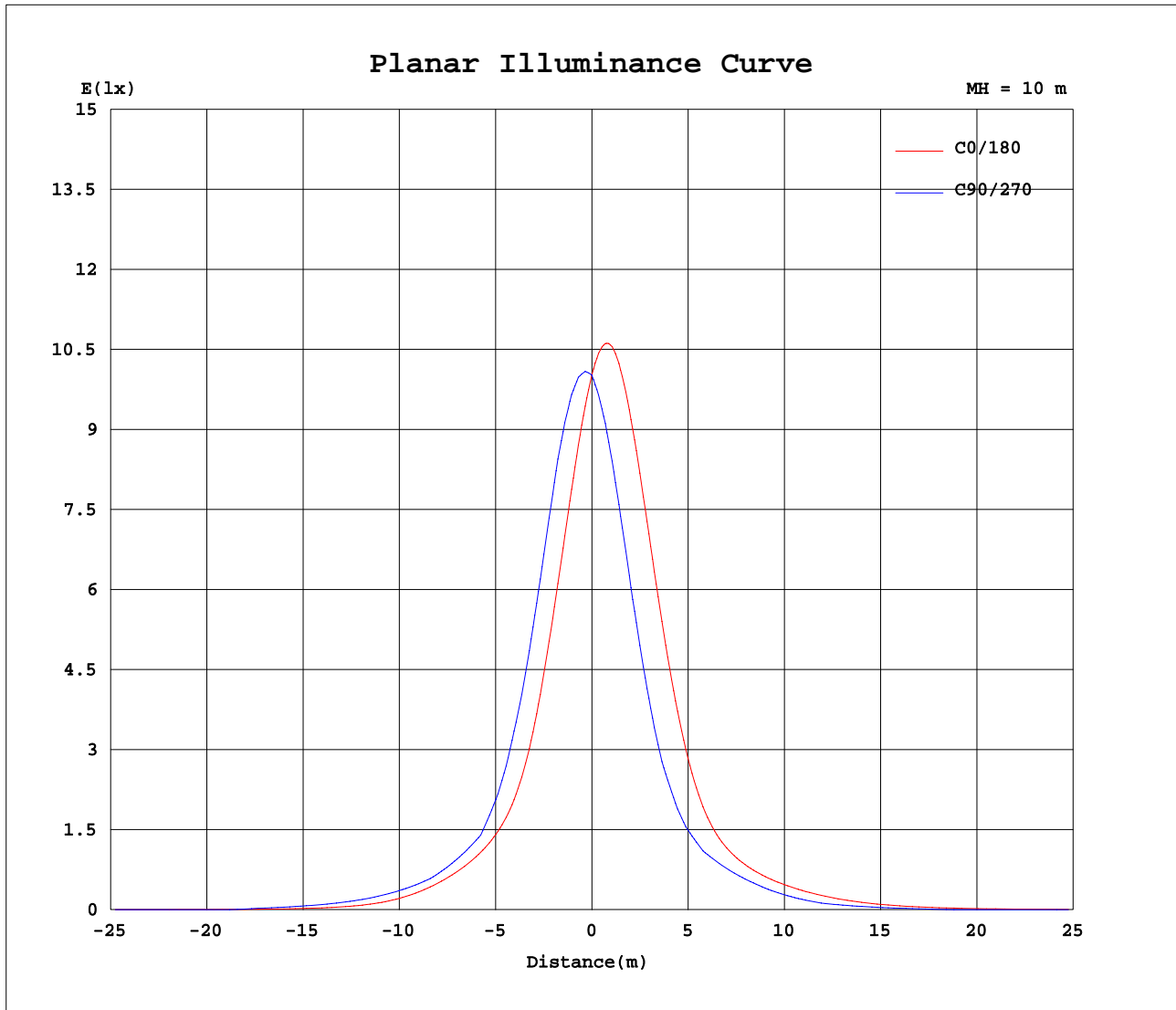


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:qcl
Test Date:2013-07-05

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:2013-07-05

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:0.3299A P:24.65W PF:0.6217 Lamp Flux:610.465x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L580xW130xH82mm	SPEC.:	SERIAL No.:20130708
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	0.06	0.47	0.97	1.74	2.75	3.88	5.31	7.09	9.29	11.8	14.4	16.6	18.2	19.3	20.3	21.5	22.2	22.1
-55	0.00	0.15	0.58	1.21	2.27	3.60	5.30	7.59	10.6	14.5	19.5	25.0	30.2	34.1	36.6	39.2	41.9	43.2	42.4
-50	0.00	0.28	0.75	1.58	3.06	4.87	7.44	11.0	15.9	22.4	31.0	40.9	50.5	57.9	62.6	67.5	72.6	74.6	72.8
-45	0.00	0.32	0.91	2.00	3.75	6.21	9.89	15.3	22.9	33.0	45.5	59.2	71.9	81.2	87.1	93.1	98.5	99.1	95.8
-40	0.00	0.38	1.14	2.64	4.78	8.22	13.6	21.7	33.4	48.9	67.3	86.6	104	116	124	132	137	136	130
-35	0.00	0.43	1.32	2.93	5.42	9.64	16.6	27.4	42.8	61.7	82.1	102	121	136	149	163	173	172	164
-30	0.00	0.51	1.58	3.37	6.39	11.8	21.0	36.0	57.0	80.9	104	126	147	167	187	210	227	227	215
-25	0.00	0.56	1.74	3.67	7.13	13.5	24.5	42.7	67.2	93.2	118	141	167	198	238	282	316	322	299
-20	0.01	0.68	1.90	4.00	8.00	15.4	28.9	51.1	79.8	109	136	163	202	262	347	438	509	527	486
-15	0.04	0.81	1.98	4.24	8.57	16.8	31.9	56.3	86.9	117	146	180	232	321	444	573	673	701	647
-10	0.06	0.85	2.06	4.45	9.17	18.2	35.1	62.0	94.5	126	158	201	276	409	586	768	906	951	884
-5	0.08	0.85	2.10	4.60	9.51	19.1	36.9	65.1	98.5	130	164	210	297	451	648	849	1001	1054	982
0	0.08	0.87	2.12	4.63	9.65	19.6	38.2	67.5	101	133	165	211	297	450	651	858	1016	1074	1002
5	0.08	0.86	2.11	4.63	9.63	19.5	38.2	67.6	101	131	160	201	275	408	589	780	927	980	918
10	0.09	0.85	2.06	4.45	9.17	18.5	35.9	63.6	95.0	122	146	176	228	319	449	589	702	746	704
15	0.09	0.82	2.01	4.31	8.78	17.5	33.5	58.7	88.0	113	135	161	201	265	356	455	537	573	542
20	0.11	0.80	1.90	3.96	7.89	15.2	28.1	48.5	73.9	97.8	119	141	166	199	242	288	327	347	335
25	0.09	0.76	1.81	3.74	7.27	13.7	24.6	41.7	64.1	87.3	109	129	149	171	196	222	242	253	248
30	0.10	0.73	1.66	3.28	6.10	11.0	18.9	31.1	48.5	69.5	91.1	110	126	138	149	159	165	170	170
35	0.09	0.68	1.55	2.98	5.43	9.49	15.9	25.8	40.0	57.7	76.9	94.9	110	121	130	138	143	147	147
40	0.09	0.61	1.38	2.53	4.42	7.28	11.5	17.9	27.2	40.0	55.6	71.6	84.9	94.5	102	108	110	112	112
45	0.09	0.58	1.27	2.25	3.81	6.11	9.45	14.4	21.5	31.1	42.8	55.1	65.8	73.9	80.5	85.3	87.3	87.9	85.9
50	0.10	0.54	1.10	1.84	2.89	4.37	6.36	9.09	12.9	17.8	23.8	30.5	37.0	43.0	48.1	51.6	52.6	51.2	47.1
55	0.10	0.45	0.97	1.59	2.43	3.59	5.11	7.16	9.91	13.4	17.6	22.3	26.8	30.9	34.3	36.7	37.2	36.0	33.1
60	0.09	0.33	0.77	1.22	1.74	2.42	3.25	4.27	5.49	6.88	8.41	9.97	11.4	12.7	13.7	14.3	14.2	13.4	12.0
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:2013-07-05

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:0.3299A P:24.65W PF:0.6217 Lamp Flux:610.465x1 lm		
NAME: LED Wall Washer 5 SERIES	TYPE:	WEIGHT:
DIM.: L580xW130xH82mm	SPEC.:	SERIAL No.:20130708
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	21.0	19.0	16.3	13.4	10.7	8.33	6.27	4.56	3.20	2.18	1.45	0.92	0.50	0.14	0.00	0.00	0.00	0.00	
-55	40.1	36.1	30.8	25.0	19.5	14.6	10.5	7.32	4.96	3.25	2.08	1.27	0.70	0.25	0.00	0.00	0.00	0.00	
-50	68.7	61.8	52.5	42.4	32.7	24.0	16.8	11.5	7.60	4.87	3.02	1.78	1.00	0.41	0.00	0.00	0.00	0.00	
-45	91.1	83.7	73.8	62.5	49.8	36.8	25.2	16.5	10.5	6.55	3.94	2.27	1.24	0.56	0.06	0.00	0.00	0.00	
-40	125	117	106	92.5	75.5	55.9	37.8	24.0	14.9	9.07	5.33	3.01	1.60	0.77	0.16	0.00	0.00	0.00	
-35	154	141	127	111	92.5	71.4	50.4	32.6	20.0	11.9	6.80	3.73	1.92	0.90	0.20	0.00	0.00	0.00	
-30	198	178	158	138	118	94.7	69.3	45.6	27.7	16.1	8.99	4.80	2.40	1.10	0.25	0.00	0.00	0.00	
-25	261	220	185	156	131	106	81.3	55.6	34.1	19.3	10.5	5.47	2.69	1.25	0.36	0.00	0.00	0.00	
-20	406	317	241	188	151	124	99.8	72.5	45.4	25.1	13.2	6.60	3.18	1.42	0.45	0.00	0.00	0.00	
-15	534	406	292	213	166	136	111	82.8	52.2	28.4	14.5	7.19	3.41	1.52	0.52	0.00	0.00	0.00	
-10	732	550	382	261	193	155	126	94.4	59.9	32.4	16.3	7.91	3.73	1.63	0.55	0.00	0.00	0.00	
-5	818	618	429	286	207	163	130	96.5	61.2	33.1	16.6	8.08	3.79	1.66	0.57	0.00	0.00	0.00	
0	840	640	448	300	214	166	130	95.2	60.4	32.9	16.6	8.10	3.82	1.66	0.57	0.00	0.00	0.00	
5	768	584	412	283	206	161	126	91.6	57.6	31.4	15.9	7.82	3.70	1.63	0.57	0.00	0.00	0.00	
10	593	457	332	241	186	149	117	84.5	52.4	28.4	14.6	7.24	3.47	1.54	0.51	0.00	0.00	0.00	
15	461	363	274	210	168	138	108	76.9	47.1	25.6	13.2	6.67	3.21	1.45	0.47	0.00	0.00	0.00	
20	294	246	204	172	144	118	91.3	62.9	38.0	21.0	11.1	5.71	2.80	1.27	0.36	0.00	0.00	0.00	
25	225	197	173	151	129	104	77.5	51.7	31.1	17.4	9.41	4.92	2.46	1.15	0.29	0.00	0.00	0.00	
30	161	149	139	125	105	81.5	57.2	36.7	22.1	12.8	7.23	3.91	1.99	0.92	0.16	0.00	0.00	0.00	
35	139	127	117	104	85.6	65.0	45.1	28.9	17.6	10.4	5.95	3.27	1.70	0.77	0.12	0.00	0.00	0.00	
40	104	93.7	83.5	71.4	55.9	40.3	27.0	17.3	10.9	6.68	4.03	2.32	1.27	0.55	0.06	0.00	0.00	0.00	
45	79.0	69.8	61.5	52.4	41.1	29.9	20.3	13.2	8.45	5.26	3.21	1.87	1.01	0.39	0.04	0.00	0.00	0.00	
50	40.7	34.0	28.5	23.7	18.9	14.3	10.3	7.11	4.79	3.13	1.98	1.19	0.61	0.13	0.00	0.00	0.00	0.00	
55	28.6	24.0	20.2	16.9	13.5	10.3	7.52	5.27	3.60	2.38	1.52	0.90	0.43	0.08	0.00	0.00	0.00	0.00	
60	10.5	8.98	7.67	6.51	5.42	4.35	3.37	2.50	1.80	1.26	0.83	0.46	0.15	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:2013-07-05

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: