

LED WALL LIGHT



Light Output Ratio:	100.0%
Luminaire Power:	15.95 W
90% Beam Spread	18.2V x 19.6H
50% Beam Lumens	623.2 lumens per klm.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators:
Test Date: 2018-04-25

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.402
Humidity: 56%
Test Distance: 10.580m [K=1.0000]
Remarks:

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	575.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	306.7V x 111.0H
	At 50% of Imax	186.8V x 80.9H
	At 90% of Imax	18.2V x 19.6H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	891.8 lumens per klm.
	To 50% of Imax	623.2 lumens per klm.
	To 90% of Imax	47.8 lumens per klm.

Upward LOR	18.5 %
Downward LOR	81.5 %

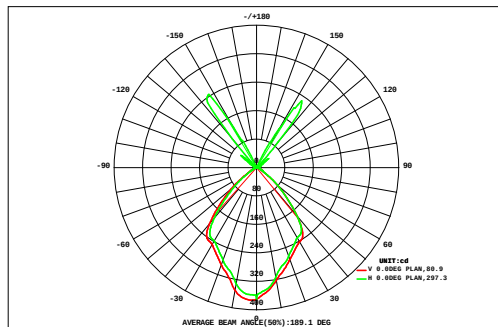
Luminaire Efficiency(Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:
Test Date:2018-04-25

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.16V I:0.1622A P:15.954W PF:0.4468 Freq:49.99Hz Lamp Flux:107.959x6 lm		
NAME: SL6122C-6	TYPE:Wall Light	SERIAL No.:2018042505
	SUR.:	



DATA OF LAMP		Eff:40.60lm/W	
MODEL		Imax(cd)	373.0
NOMINAL POWER(W)	16	AVAILABILITY(%)	88.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	574.6
NOMINAL FLUX(lm)	107.959	LOR(%)	100.0
LAMPS INSIDE	6	TOTAL FLUX(lm)	647.8
TEST VOLTAGE(V)	220.134	q @50%(H,V)	81,187DEG

		AREA FLUX DIAGRAM																UNIT: lm			F t	F a
		0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.34	0.00	
VERTICAL (DEG)	90	0.00	0.01	0.02	0.04	0.06	0.09	0.12	0.14	0.15	0.15	0.14	0.12	0.09	0.07	0.04	0.02	0.01	0.00	1.26	0.00	
	80	0.00	0.01	0.04	0.08	0.13	0.20	0.28	0.34	0.38	0.39	0.35	0.29	0.21	0.14	0.08	0.04	0.01	0.00	2.99	0.00	
	70	0.00	0.02	0.06	0.13	0.25	0.41	0.65	0.95	1.19	1.20	0.98	0.69	0.44	0.26	0.14	0.06	0.02	0.00	7.45	2.66	
	60	0.00	0.02	0.08	0.20	0.44	1.00	2.01	3.01	3.71	3.79	3.18	2.20	1.15	0.48	0.22	0.09	0.03	0.00	21.6	19.4	
	50	0.00	0.03	0.11	0.29	0.88	2.28	4.17	5.92	6.67	6.69	6.07	4.55	2.61	1.04	0.32	0.12	0.03	0.00	41.8	40.4	
	40	0.00	0.03	0.13	0.42	1.59	3.82	6.17	7.19	7.67	7.70	7.24	6.31	4.21	1.86	0.49	0.15	0.04	0.00	55.0	53.9	
	30	0.00	0.04	0.15	0.58	2.23	4.97	6.71	7.80	8.76	9.03	8.09	6.86	5.28	2.58	0.71	0.17	0.04	0.00	64.0	63.0	
	-30	0.00	0.04	0.17	0.70	2.60	5.44	6.99	8.49	10.0	10.6	8.91	7.23	5.77	3.07	0.87	0.19	0.05	0.00	71.1	70.2	
		0.00	0.04	0.17	0.70	2.58	5.35	6.80	8.19	9.59	10.4	8.88	7.30	5.86	3.12	0.89	0.19	0.05	0.00	70.1	69.2	
		0.00	0.04	0.15	0.58	2.17	4.77	6.37	7.41	8.31	8.71	8.02	6.93	5.46	2.70	0.74	0.17	0.04	0.00	62.6	61.7	
		0.00	0.03	0.13	0.42	1.56	3.67	5.80	6.71	7.29	7.48	7.18	6.39	4.35	1.97	0.51	0.15	0.04	0.00	53.7	52.6	
		0.00	0.03	0.11	0.29	0.88	2.28	4.03	5.55	6.32	6.54	6.09	4.67	2.77	1.12	0.33	0.12	0.03	0.00	41.2	39.8	
		0.00	0.02	0.08	0.20	0.44	1.04	2.03	2.96	3.61	3.76	3.30	2.36	1.28	0.50	0.22	0.09	0.03	0.00	21.9	19.8	
	-50	0.00	0.02	0.06	0.13	0.25	0.42	0.68	1.02	1.26	1.29	1.09	0.74	0.45	0.27	0.14	0.06	0.02	0.00	7.92	3.25	
	-60	0.00	0.01	0.04	0.08	0.14	0.21	0.29	0.36	0.40	0.40	0.36	0.30	0.22	0.15	0.09	0.04	0.01	0.00	3.08	0.00	
	-70	0.00	0.01	0.02	0.04	0.06	0.09	0.12	0.15	0.16	0.16	0.15	0.13	0.10	0.07	0.04	0.02	0.01	0.00	1.31	0.00	
	-80	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.33	0.00	
	-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
F t	0.05	0.41	1.52	4.90	16.3	36.1	53.3	66.2	75.5	78.3	70.1	57.1	40.3	19.4	5.86	1.70	0.46	0.05	528	---		
F a	0.00	0.00	0.00	1.59	13.8	33.9	51.2	64.2	73.5	76.4	68.1	55.1	38.2	17.2	2.69	0.00	0.00	0.00	---	496		

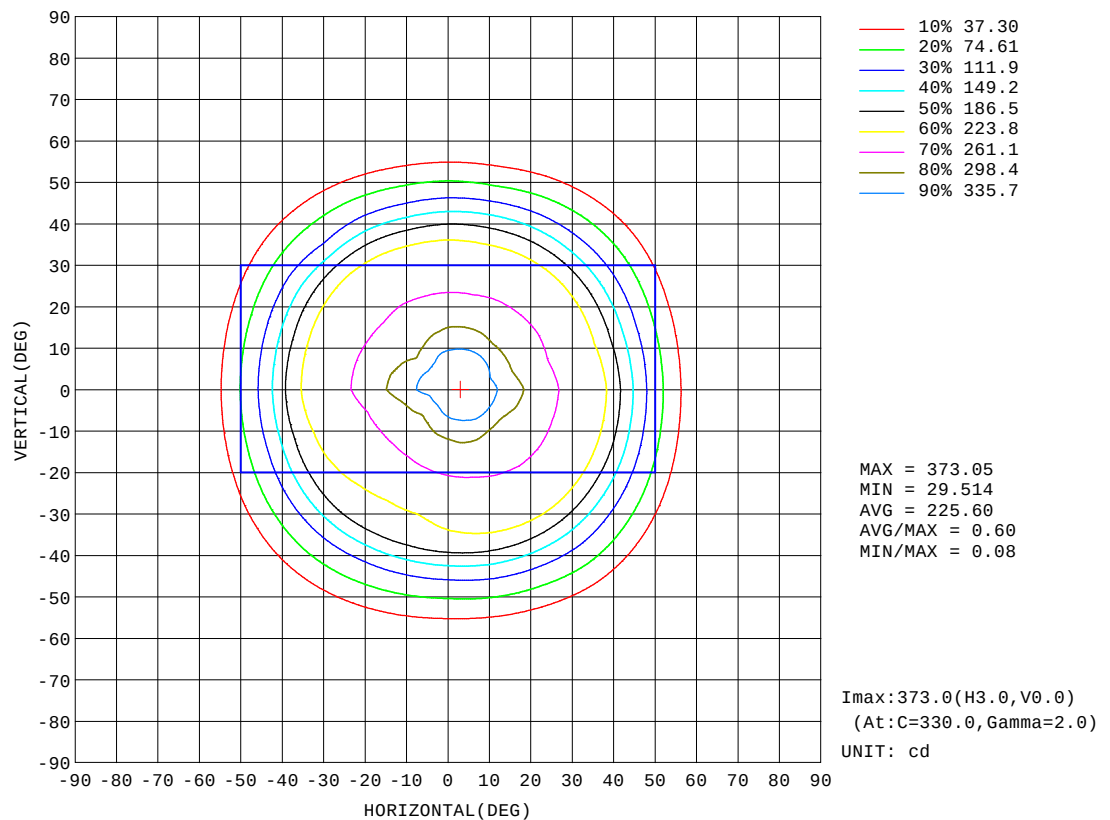
one-half-peak spread: U:39.6,D:1.5 , L:42.4,R:18.8 Beam Type: Type 6 x 7 (H x V)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:
Test Date:2018-04-25

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.402
Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.16V I:0.1622A P:15.954W PF:0.4468 Freq:49.99Hz Lamp Flux:107.959x6 lm		
NAME: SL6122C-6	TYPE:Wall Light	SERIAL No.:2018042505
	SUR.:	

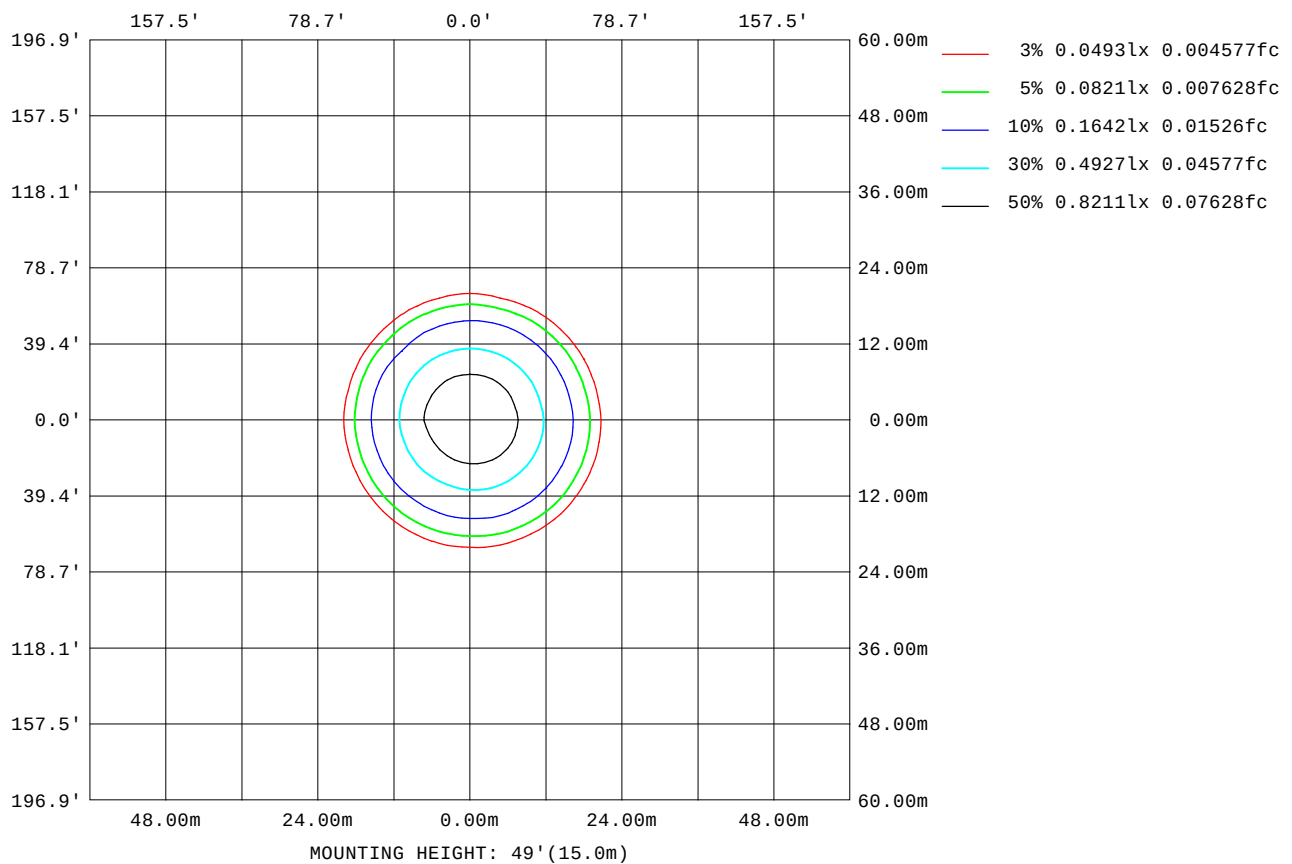


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Humidity:56%
Test Distance:10.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

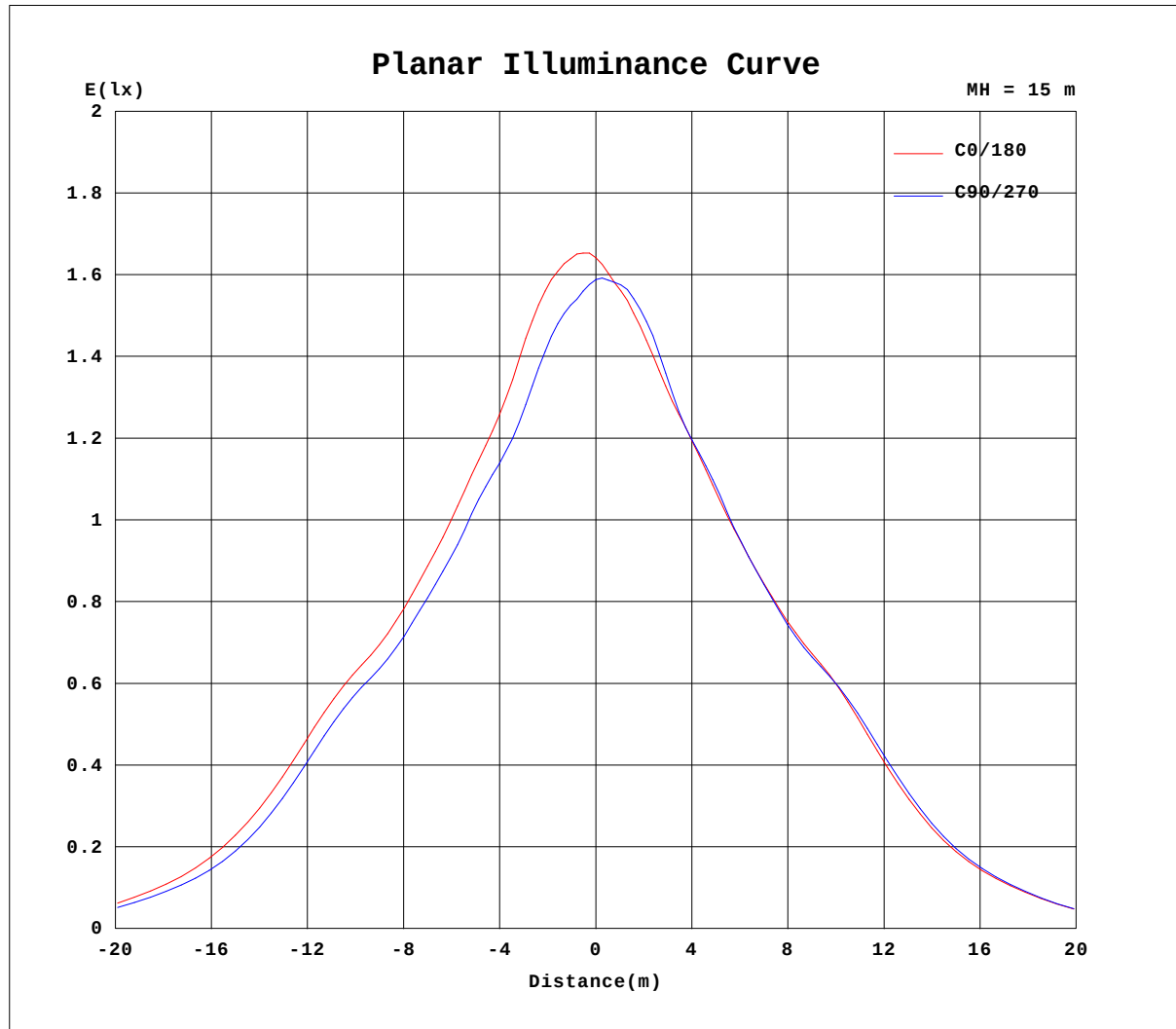
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Remarks:

Planar Illuminance Curve



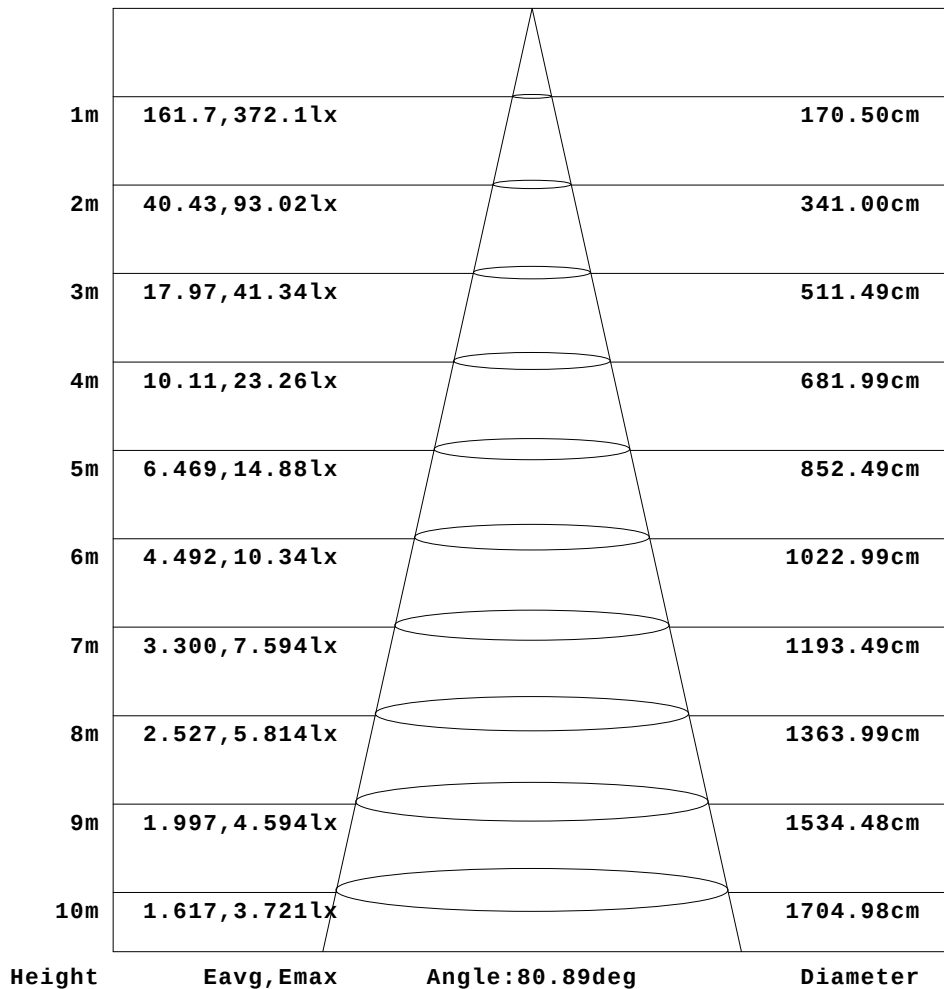
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Remarks:

AAI Figure

Test:U:220.16V I:0.1622A P:15.954W PF:0.4468 Freq:49.99Hz Lamp Flux:107.959x6 lm		
NAME: SL6122C-6	TYPE:Wall Light	SERIAL No.:2018042505
	SUR.:	

Flux out:383.9 lm



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

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 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:23DEG
 Operators:
 Test Date:2018-04-25

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 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.402
 Humidity:56%
 Test Distance:10.580m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.16V I:0.1622A P:15.954W PF:0.4468 Freq:49.99Hz Lamp Flux:107.959x6 lm		
NAME: SL6122C-6	TYPE:Wall Light	SERIAL No.:2018042505
	SUR.:	

Table--1

UNIT: cd

H(DEC) V(DEC)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.53	0.83	2.58	4.84	8.08	12.9	21.0	43.0	33.5	3.17	113	228	165	55.5	4.21	4.38	4.51	4.60	4.59
-170	0.53	0.81	2.49	4.65	7.68	12.1	19.3	36.7	31.5	2.77	18.9	77.2	57.5	4.10	3.68	3.85	4.00	4.11	4.16
-160	0.53	0.76	2.30	4.23	6.86	10.5	16.0	26.3	46.1	3.85	2.80	14.3	78.7	122	101	4.11	3.62	3.67	3.73
-150	0.53	0.69	2.02	3.62	5.78	8.62	12.5	18.5	30.2	14.3	2.31	2.74	35.6	140	129	76.7	76.9	89.3	127
-140	0.53	0.61	1.66	2.92	4.54	6.62	9.33	12.9	17.7	21.5	9.42	2.18	2.32	2.56	2.80	3.05	3.37	44.9	95.2
-130	0.53	0.53	1.18	2.19	3.31	4.75	6.48	8.52	10.0	10.7	10.7	9.43	14.0	18.4	14.2	23.1	21.9	20.9	27.8
-120	0.53	0.48	0.71	1.46	2.20	3.07	4.06	4.99	5.25	5.17	5.16	7.53	10.5	13.2	14.4	15.5	16.3	16.8	16.9
-110	0.53	0.45	0.49	0.65	1.15	1.67	2.16	2.42	2.46	2.31	2.78	3.79	4.97	5.61	5.94	6.18	6.37	6.46	6.45
-100	0.53	0.45	0.39	0.36	0.41	0.48	0.57	0.66	0.73	0.72	0.96	1.26	1.58	1.69	1.77	1.82	1.85	1.86	1.84
-90	0.53	0.49	0.44	0.40	0.39	0.38	0.38	0.37	0.37	0.36	0.36	0.36	0.36	0.37	0.38	0.39	0.39	0.39	0.38
-80	0.53	0.53	0.53	0.55	0.64	0.75	0.86	1.06	1.35	1.66	1.88	2.08	2.26	2.42	2.56	2.68	2.74	2.76	2.76
-70	0.53	0.57	0.67	0.86	1.39	1.99	2.53	3.16	3.78	4.42	5.06	5.70	6.30	6.84	7.33	7.75	8.01	8.14	8.16
-60	0.53	0.63	0.87	1.66	2.48	3.48	4.58	5.79	7.09	8.55	10.1	11.8	13.5	15.2	16.8	18.2	19.4	20.0	20.2
-50	0.53	0.69	1.26	2.38	3.67	5.21	7.03	9.20	11.8	14.8	18.5	23.5	30.8	41.5	53.4	63.8	71.3	75.9	77.8
-40	0.53	0.75	1.75	3.10	4.86	7.08	9.89	13.5	18.3	25.9	41.4	65.4	86.6	106	125	145	161	172	179
-30	0.53	0.81	2.08	3.76	6.02	8.98	13.0	18.8	29.5	54.7	85.8	117	154	189	211	219	223	226	229
-20	0.53	0.86	2.33	4.28	6.96	10.7	16.0	25.4	49.7	86.5	126	174	213	224	231	240	249	257	265
-10	0.53	0.89	2.48	4.60	7.60	11.9	18.5	32.4	68.3	109	161	210	229	237	250	265	270	289	313
0	0.53	0.91	2.54	4.71	7.81	12.4	19.5	35.8	76.0	120	178	227	242	256	275	298	322	350	370
10	0.53	0.90	2.48	4.60	7.60	11.9	18.6	32.4	68.7	111	164	217	239	248	263	277	285	306	331
20	0.53	0.87	2.33	4.27	6.96	10.7	16.2	25.5	49.4	89.1	131	182	225	239	244	254	264	272	277
30	0.53	0.82	2.09	3.74	6.00	9.01	13.2	19.0	29.5	54.7	88.3	119	158	200	226	237	239	239	239
40	0.53	0.77	1.75	3.09	4.83	7.07	9.95	13.7	18.6	25.9	40.3	64.1	86.3	107	131	152	168	180	185
50	0.53	0.71	1.26	2.38	3.63	5.18	7.03	9.25	11.8	14.8	18.3	22.8	29.2	38.9	50.4	61.0	69.0	74.8	77.7
60	0.53	0.66	0.90	1.67	2.48	3.46	4.56	5.77	7.02	8.38	9.84	11.5	13.1	14.6	16.0	17.3	18.4	19.2	19.6
70	0.53	0.61	0.72	0.91	1.40	2.00	2.55	3.14	3.72	4.29	4.90	5.52	6.11	6.60	7.02	7.36	7.63	7.80	7.86
80	0.53	0.56	0.60	0.65	0.72	0.80	0.92	1.06	1.32	1.62	1.84	2.04	2.22	2.35	2.46	2.54	2.59	2.62	2.62
90	0.53	0.52	0.51	0.50	0.50	0.50	0.50	0.50	0.51	0.52	0.52	0.52	0.53	0.53	0.54	0.54	0.54	0.53	0.52
100	0.53	0.49	0.48	0.51	0.58	0.67	0.80	1.01	1.16	1.23	1.47	1.75	2.05	2.18	2.27	2.33	2.35	2.34	2.31
110	0.53	0.49	0.60	0.86	1.49	2.04	2.55	2.93	3.11	3.12	3.65	4.62	5.74	6.41	6.80	7.09	7.29	7.36	7.33
120	0.53	0.52	0.83	1.76	2.57	3.54	4.63	5.71	6.24	6.46	6.69	9.12	12.1	15.0	16.5	17.7	18.6	19.0	18.8
130	0.53	0.58	1.36	2.47	3.79	5.36	7.30	9.67	11.6	12.8	13.4	14.1	18.3	21.4	19.2	29.2	27.8	27.3	33.9
140	0.53	0.65	1.81	3.20	5.04	7.41	10.5	14.6	20.8	26.9	12.8	2.58	2.62	2.83	3.02	3.24	3.46	48.3	107
150	0.53	0.72	2.14	3.86	6.23	9.47	14.0	21.2	36.7	18.1	2.63	2.97	39.4	145	151	82.7	77.2	89.6	131
160	0.53	0.78	2.38	4.41	7.23	11.2	17.4	30.1	54.2	4.58	3.05	9.67	82.0	128	116	4.51	3.98	3.97	4.03
170	0.53	0.82	2.53	4.74	7.88	12.5	20.2	39.5	33.9	2.99	19.2	87.0	95.6	5.02	4.03	4.18	4.30	4.37	4.35
180	0.53	0.83	2.58	4.84	8.08	12.9	21.0	43.0	33.5	3.17	113	228	165	55.5	4.21	4.38	4.51	4.60	4.57

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:23DEG
 Operators:
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g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.402
 Humidity:56%
 Test Distance:10.580m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.16V I:0.1622A P:15.954W PF:0.4468 Freq:49.99Hz Lamp Flux:107.959x6 lm		
NAME: SL6122C-6	TYPE:Wall Light	SERIAL No.:2018042505
	SUR.:	

Table--2

UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	4.47	4.28	4.07	3.79	3.71	148	245	131	2.86	14.4	30.3	17.1	10.6	6.52	3.70	1.75	0.43	0.36	
-170	4.12	4.00	3.85	3.63	3.70	88.0	93.9	15.4	2.56	20.9	27.3	16.1	10.2	6.30	3.59	1.70	0.43	0.36	
-160	3.69	3.58	4.50	73.8	105	73.2	31.1	2.76	2.30	28.9	21.6	13.8	9.03	5.70	3.27	1.56	0.41	0.36	
-150	70.5	49.6	61.5	139	164	54.2	2.72	2.26	9.00	22.4	16.1	11.0	7.46	4.81	2.78	1.31	0.38	0.36	
-140	54.4	3.83	3.09	2.70	2.47	2.25	2.02	6.60	17.8	15.5	11.4	8.22	5.74	3.74	2.21	0.94	0.35	0.36	
-130	20.6	20.2	20.0	12.2	13.4	11.5	5.37	9.31	9.58	8.98	7.51	5.65	4.02	2.67	1.58	0.58	0.34	0.36	
-120	16.5	15.7	14.7	13.6	12.3	9.75	7.04	4.86	4.75	4.71	4.34	3.43	2.48	1.66	0.83	0.41	0.33	0.36	
-110	6.36	6.17	5.90	5.61	5.22	4.57	3.51	2.61	2.15	2.14	1.99	1.66	1.13	0.61	0.40	0.33	0.32	0.36	
-100	1.81	1.74	1.66	1.58	1.46	1.30	1.00	0.74	0.52	0.49	0.44	0.37	0.33	0.32	0.31	0.31	0.33	0.36	
-90	0.38	0.37	0.36	0.36	0.35	0.35	0.34	0.34	0.33	0.33	0.33	0.33	0.34	0.35	0.36	0.36	0.36	0.36	
-80	2.77	2.76	2.71	2.62	2.50	2.36	2.21	2.04	1.85	1.64	1.42	1.21	0.91	0.72	0.59	0.48	0.42	0.36	
-70	8.16	8.05	7.82	7.47	7.04	6.53	5.97	5.37	4.75	4.13	3.51	2.90	2.33	1.81	1.29	0.73	0.48	0.36	
-60	20.0	19.4	18.3	17.0	15.5	13.9	12.3	10.7	9.13	7.69	6.37	5.13	3.96	2.93	2.05	1.25	0.57	0.36	
-50	78.7	76.5	70.1	60.4	48.3	36.0	26.5	20.3	16.0	12.7	10.0	7.81	5.90	4.23	2.82	1.71	0.69	0.36	
-40	180	175	162	145	124	103	81.0	54.0	31.2	20.5	14.9	11.0	7.98	5.58	3.61	2.11	0.80	0.36	
-30	231	233	234	231	215	181	142	105	71.4	37.7	21.5	14.6	10.1	6.81	4.33	2.45	0.97	0.36	
-20	267	264	259	251	243	236	205	155	108	66.5	31.2	18.1	12.0	7.83	4.89	2.72	1.12	0.36	
-10	316	297	285	274	258	245	236	193	135	86.4	41.9	21.1	13.3	8.53	5.27	2.90	1.22	0.36	
0	370	351	314	291	268	250	243	206	146	92.8	46.3	22.3	13.8	8.76	5.39	2.95	1.25	0.36	
10	332	307	290	273	255	240	228	186	131	83.7	40.5	20.9	13.2	8.46	5.23	2.88	1.22	0.36	
20	274	269	261	251	240	231	198	148	102	61.7	29.7	17.8	11.8	7.71	4.83	2.70	1.12	0.36	
30	238	238	236	230	211	176	136	100	66.3	35.0	20.9	14.3	9.85	6.65	4.25	2.43	0.97	0.36	
40	183	175	161	142	119	96.6	73.7	48.3	29.4	20.2	14.7	10.8	7.75	5.41	3.53	2.09	0.80	0.36	
50	75.0	68.8	61.8	53.3	43.0	32.4	24.7	19.5	15.7	12.6	9.93	7.64	5.74	4.09	2.75	1.69	0.69	0.36	
60	19.4	18.8	17.8	16.6	15.2	13.6	12.0	10.3	8.87	7.51	6.25	5.01	3.86	2.84	2.01	1.24	0.58	0.36	
70	7.86	7.76	7.54	7.21	6.80	6.32	5.77	5.19	4.60	4.01	3.44	2.85	2.29	1.78	1.27	0.73	0.49	0.36	
80	2.63	2.61	2.56	2.50	2.41	2.30	2.13	1.94	1.72	1.57	1.40	1.21	0.92	0.74	0.62	0.51	0.44	0.36	
90	0.51	0.49	0.48	0.47	0.45	0.44	0.44	0.44	0.44	0.43	0.43	0.42	0.42	0.42	0.41	0.40	0.38	0.36	
100	2.29	2.23	2.16	2.03	1.88	1.69	1.39	1.09	0.83	0.72	0.62	0.54	0.46	0.41	0.38	0.36	0.35	0.36	
110	7.29	7.14	6.87	6.45	5.95	5.26	4.26	3.39	2.83	2.64	2.35	1.91	1.33	0.76	0.52	0.39	0.34	0.36	
120	18.6	18.0	16.9	15.4	13.8	11.3	8.71	6.55	5.60	5.19	4.68	3.55	2.42	1.57	0.91	0.48	0.35	0.36	
130	30.6	29.9	28.5	25.0	19.5	16.3	9.56	12.0	10.8	8.19	6.51	5.39	3.63	2.25	1.48	0.65	0.36	0.36	
140	63.3	4.11	3.19	2.85	2.66	2.46	2.25	4.54	14.6	13.6	11.3	7.92	5.19	3.16	2.00	0.97	0.37	0.36	
150	87.4	56.7	59.5	138	161	60.2	2.86	2.42	10.1	21.4	16.3	11.6	7.55	4.26	2.54	1.30	0.40	0.36	
160	3.95	3.82	5.17	81.9	112	142	37.2	2.91	2.44	33.0	23.5	14.6	9.30	5.40	3.06	1.53	0.42	0.36	
170	4.29	4.25	4.08	3.89	5.21	72.8	84.9	15.4	2.65	20.8	28.8	16.6	10.4	6.20	3.47	1.68	0.43	0.36	
180	4.47	4.28	4.07	3.79	3.71	148	245	131	2.86	14.4	30.3	17.1	10.6	6.52	3.70	1.75	0.43	0.36	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:23DEG
 Operators:
 Test Date:2018-04-25

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.402
 Humidity:56%
 Test Distance:10.580m [K=1.0000]
 Remarks: