

GENERATION BRANDS

Goniophotometer Test Report

Filename: 16071 - PARALLAX LED LINEAR SUSPENSION - 700LSPRLXW-LED

Manufacturer: TECH LIGHTING

Lamp Output: 1 lamp, rated Lumens/lamp: 1889.5

Max Candela: 3,948.2 at Horizontal: 0°, Vertical: 0°

Input Wattage: 38

Luminous Opening: Point

Test Date: 01-Aug-2016 10:57:42

Test Lab: GENERATION BRANDS INTERNAL TESTING

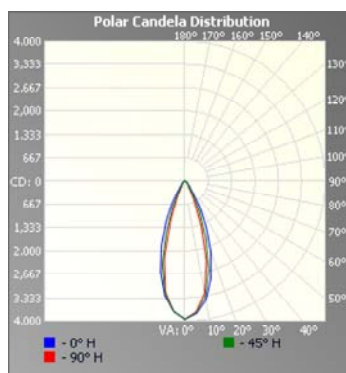
Color Constant: 2860K - 82.9CRI

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 4 X 4

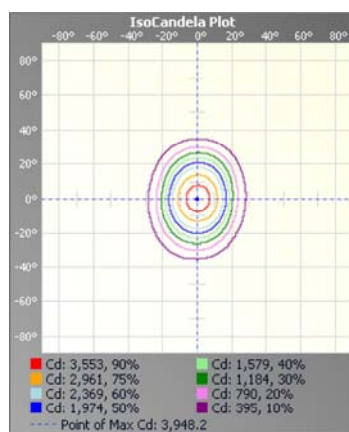
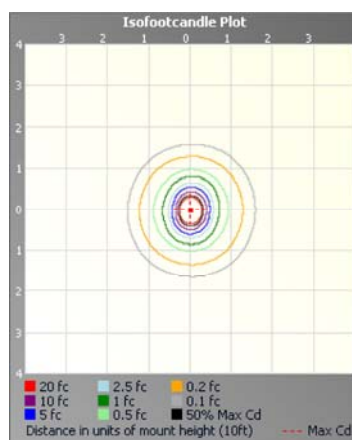


Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,482.1	78.4%	78.4%
0-40	1,661.8	87.9%	87.9%
0-60	1,826.5	96.7%	96.7%
60-90	63.0	3.3%	3.3%
70-100	19.3	1%	1%
90-120	0	0%	0%
0-90	1,889.5	100%	100%
90-180	0	0%	0%
0-180	1,889.5	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	340.7	18.0%	90-100	0	0%
10-20	685.7	36.3%	100-110	0	0%
20-30	455.8	24.1%	110-120	0	0%
30-40	179.7	9.5%	120-130	0	0%
40-50	96.5	5.1%	130-140	0	0%
50-60	68.3	3.6%	140-150	0	0%
60-70	43.7	2.3%	150-160	0	0%
70-80	17.9	0.9%	160-170	0	0%
80-90	1.5	0.1%	170-180	0	0%



Candela Table - Type C

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948
5	3794	3791	3787	3783	3782	3783	3775	3777	3776	3774	3767	3764	3759	3758	3756	3743	3745	3741	3739	3734	3733	3726	3736	3735	3729	3728	3730	3731	3729	3727	3721	3729	3735	3722	3723	3725	3726	3732	
10	3445	3435	3420	3434	3418	3417	3406	3387	3369	3345	3328	3329	3302	3302	3265	3257	3233	3229	3232	3220	3219	3235	3231	3259	3245	3265	3257	3268	3287	3295	3307	3307	3299	3313	3293	3307	3314	3330	
15	2868	2846	2823	2828	2815	2783	2735	2687	2656	2622	2587	2532	2494	2459	2433	2390	2352	2349	2365	2351	2354	2381	2410	2421	2444	2475	2521	2548	2573	2583	2616	2647	2660	2667	2657	2676	2692	2662	
20	2159	2132	2146	2094	2032	2000	1919	1867	1783	1738	1637	1584	1504	1450	1387	1357	1351	1342	1345	1353	1375	1394	1421	1470	1522	1584	1611	1701	1728	1717	1817	1891	1895	1928	1971	1941	1955	1922	
25	1436	1412	1402	1380	1313	1273	1205	1116	1050	990	907	831	787	741	710	683	665	662	665	670	693	718	748	788	829	870	940	1008	1052	1099	1171	1220	1236	1283	1276	1268	1284	1244	
30	823	816	805	753	713	689	625	577	516	483	423	399	367	345	332	315	311	308	309	312	327	335	358	384	403	440	471	524	551	606	643	688	696	726	741	736	740	71	
35	404	390	389	365	345	322	297	277	245	241	216	207	194	188	184	180	179	179	178	182	184	189	196	205	212	230	243	265	277	306	321	346	354	365	379	366	368	34	
40	220	213	211	209	203	192	185	171	166	156	152	146	144	140	140	139	138	138	139	138	141	143	145	147	152	156	164	168	182	184	198	202	209	212	209	206	208	19	
45	140	138	138	137	134	132	129	126	123	119	117	116	114	113	112	112	111	111	112	112	112	113	114	115	117	119	120	123	127	129	132	132	134	135	135	134	134	13	
50	105	105	106	104	104	103	102	101	100	99	97	96	94	92	92	91	92	91	92	91	92	92	93	94	96	97	97	98	99	99	100	100	100	99	101	99	99	9	
55	83	84	84	84	83	83	83	82	81	80	78	77	75	74	73	73	73	72	72	72	73	74	74	75	77	77	78	79	80	80	79	79	79	79	78	78	7		
60	64	65	66	65	65	65	65	64	63	62	61	60	59	58	58	57	57	57	57	57	57	57	58	58	59	60	61	62	62	63	62	62	61	61	60	60	60	5	
65	47	48	49	49	49	49	48	48	48	47	46	46	45	44	44	43	43	43	43	44	43	44	44	44	45	46	47	47	47	47	47	47	47	45	45	44	4		
70	32	33	33	34	33	34	35	34	34	34	33	32	32	32	31	31	31	31	31	32	31	32	31	32	31	32	33	33	34	34	34	34	33	32	32	31	3		
75	19	20	19	19	19	19	19	19	19	18	18	17	17	18	17	17	17	18	18	18	17	17	17	18	18	19	20	19	19	19	19	19	19	19	18	18	17	1	
80	7	8	7	7	7	7	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	6	7	6		
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

[illegible]

```
IESNA:LM-63-2002
[TEST]
[TESTDATE] 01-Aug-2016 10:57:42
[TESTLAB] GENERATION BRANDS INTERNAL TESTING
[ISSUEDATE] 8/1/2016 12:31:18 PM
[MANUFAC] TECH LIGHTING
[COLORCONSTANT] 2860K - 82.9CRI
[_TOTALLUMINAIRELUMENS] 1889.5
[_NUMBEROFRAYS]10000000
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 73
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1
```

Photometrics Pro 1.3.28 copyright 2003-2016 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.