

GENERATION BRANDS

Goniophotometer Test Report

Filename: 16039 - MINA LINE VOLTAGE PENDANT

Manufacturer: TECH LIGHTING

Lamp Output: 1 lamp, rated Lumens/lamp: 117.7

Max Candela: 374.8 at Horizontal: 235°H, Vertical: 5°V

Input Wattage: 9

Luminous Opening: Point

Test Date: 24-May-2016 09:55:37

Test Lab: GENERATION BRANDS INTERNAL TESTING

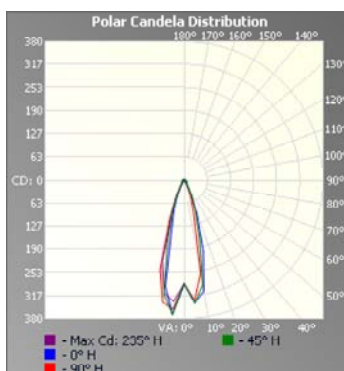
Color Constant: 2940K - 94.8CRI

Photometry: Type C

CIE Class: Direct

Cutoff Class: Semicutoff

Nema Type: 4 X 4

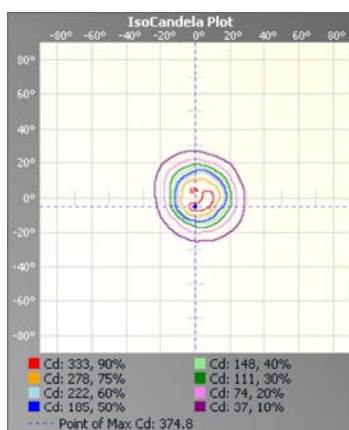
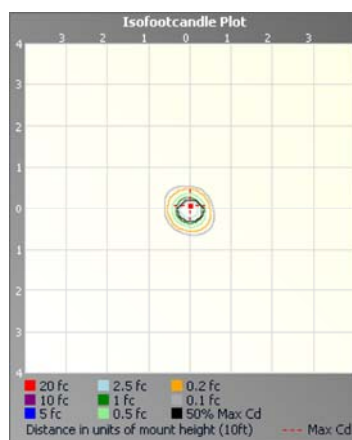


Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	99.6	84.6%	84.7%
0-40	105.8	89.9%	89.9%
0-60	111.0	94.3%	94.3%
60-90	6.1	5.2%	5.2%
70-100	4.6	3.9%	3.9%
90-120	0.5	0.5%	0.5%
0-90	117.1	99.5%	99.5%
90-180	0.5	0.5%	0.5%
0-180	117.7	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	31.0	26.3%	90-100	0.5	0.5%
10-20	47.7	40.6%	100-110	0	0%
20-30	20.9	17.8%	110-120	0	0%
30-40	6.2	5.3%	120-130	0	0%
40-50	2.8	2.4%	130-140	0	0%
50-60	2.4	2.0%	140-150	0	0%
60-70	2.1	1.8%	150-160	0	0%
70-80	2.0	1.7%	160-170	0	0%
80-90	2.0	1.7%	170-180	0	0%



Candela Table - Type C

	base type																																																			
	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	190	195	200	205	210	215	220	225	2					
0	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	
5	337	342	347	351	347	347	348	343	342	338	335	334	331	327	325	327	327	328	329	331	332	335	335	337	340	344	346	352	360	364	373	372	370	374	373	371	370	368	367	365	361	360	362	363	365	369	3					
10	309	308	307	311	303	305	305	302	299	291	284	280	271	269	260	261	256	257	260	259	260	264	263	271	266	271	267	269	275	282	292	295	292	297	288	293	296	297	296	307	306	310	313	314	319	319	3					
15	202	191	181	175	168	169	168	167	168	160	149	137	128	123	118	112	106	105	105	104	104	104	105	104	103	101	99	95	92	96	101	107	112	115	117	122	126	132	137	147	155	161	164	166	173	176	1					
20	103	100	100	94	92	94	90	90	90	92	88	85	81	78	72	67	64	60	57	55	54	54	54	55	54	51	53	52	53	54	59	58	62	69	73	78	76	76	72	73	80	80	84	88	95							
25	51	51	51	51	50	50	50	48	49	49	48	45	43	41	37	34	32	29	27	25	24	24	24	25	25	24	25	26	26	26	28	29	28	30	32	34	37	36	37	37	39	43	45	44	45	48						
30	23	23	24	24	25	26	25	25	24	24	24	22	21	19	17	15	13	12	11	10	9	8	8	8	8	9	9	10	10	10	11	11	11	12	13	14	15	16	18	19	22	23	24	24	24							
35	8	8	9	10	12	14	14	14	14	14	13	11	10	9	7	6	5	4	4	3	2	2	2	2	2	2	2	3	3	3	3	4	4	5	6	6	7	8	8	9	11	14	15	16								
40	4	5	6	7	8	9	11	11	11	11	11	9	8	7	6	5	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	5	5	6	8	10	11	11							
45	2	3	4	5	6	7	9	10	10	10	9	8	7	5	4	3	3	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	4	5	7	8	9	9						
50	2	3	3	4	6	7	8	10	10	10	9	8	6	5	4	3	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	4	4	5	6	7	8						
55	2	2	3	3	5	6	7	9	9	9	8	7	6	5	4	3	3	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	4	5	5	6	7	7							
60	1	2	2	2	3	5	6	7	8	8	7	6	6	5	4	3	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	4	5	6	7	7						
65	1	1	2	2	3	4	5	6	7	7	6	6	5	4	3	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	4	5	6	6	6							
70	1	1	2	2	3	3	4	6	6	7	6	6	5	4	3	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	4	5	5	5							
75	1	1	1	2	2	3	4	5	6	6	6	5	5	4	3	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	3	4	5	5						
80	1	1	1	1	2	3	4	4	5	5	5	5	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	5	5					
85	1	1	1	1	2	3	4	4	5	5	5	5	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	4	4					
90	1	1	2	2	3	3	4	4	4	4	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	4	4						
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	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	0	0	0	0	0	0	0	0	0					

Luminaire Report Summary

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