

GENERATION BRANDS

Goniophotometer Test Report

Filename: Span Bath 2ft

Manufacturer: Tech Lighting

Luminaire: Span Bath 2'

Lamp: Edge Lit LED

Ballast Desc: Constant Current

Lamp Output: 1 lamp, rated Lumens/lamp: 1214.1

Max Candela: 368.3 at Horizontal: 85°, Vertical: 20°

Input Wattage: 25.5

Luminous Opening: Rectangle w/Luminous Sides (L: 24.8", W: 5.51", H: 5.51")

Test Date: 11-Aug-2014 16:29:37

Test Lab: Radiant Zemax ProSource

Color Constant: 2,863-CCT 82.6-CRI

Photometry: Type C

CIE Class: Direct

Cutoff Class: Noncutoff

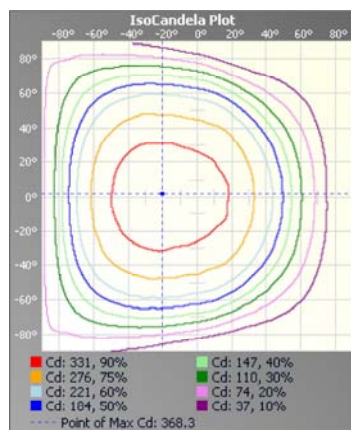
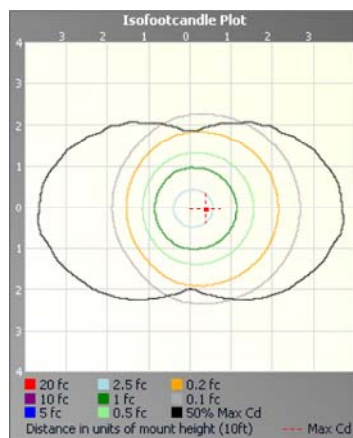
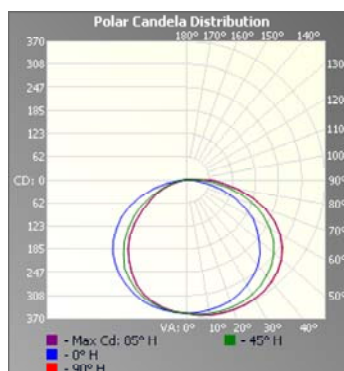
Nema Type: 5 X 7

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	288.1	23.7%	23.7%
0-40	483.6	39.8%	39.8%
0-60	899.2	74.1%	74.1%
60-90	308.6	25.4%	25.4%
70-100	151.4	12.5%	12.5%
90-120	6.3	0.5%	0.5%
0-90	1,207.8	99.5%	99.5%
90-180	6.3	0.5%	0.5%
0-180	1,214.1	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	33.9	2.8%	90-100	6.2	0.5%
10-20	99.0	8.2%	100-110	0.1	0%
20-30	155.2	12.8%	110-120	0	0%
30-40	195.5	16.1%	120-130	0	0%
40-50	213.0	17.5%	130-140	0	0%
50-60	202.6	16.7%	140-150	0	0%
60-70	163.4	13.5%	150-160	0	0%
70-80	102.9	8.5%	160-170	0	0%
80-90	42.2	3.5%	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	190	195	200	205	210	215	220	225	230			
0	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356		
5	355	355	356	357	357	358	358	359	359	360	360	361	361	361	361	362	362	362	362	362	361	361	361	360	360	360	359	359	358	358	357	356	356	355	355	354	354	354	354	354	353	353	353	353	353	353	353	353	353	353
10	352	352	353	355	356	357	358	359	360	361	362	362	363	363	364	365	365	366	366	365	365	364	363	362	361	361	360	359	358	357	356	355	354	354	353	352	351	351	350	349	349	349	349	348	348	348	348	348	348	348
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20	343	345	347	349	351	353	354	356	358	360	362	363	364	365	366	367	368	368	368	367	366	365	363	362	361	360	359	357	355	352	350	348	347	345	343	342	340	339	337	335	334	333	332	332	332	332	332	332	332	332
25	334	336	338	341	343	346	348	351	354	357	359	360	362	364	365	367	367	367	367	367	366	365	364	362	360	358	357	355	352	348	346	343	341	340	337	334	332	330	329	327	326	324	323	321	320	320	320	320	320	320
30	324	326	329	331	335	338	341	344	348	352	355	358	359	361	363	364	365	365	365	365	365	363	361	358	356	354	351	349	346	341	337	334	331	329	327	324	322	319	318	315	312	311	310	309	306	304	303	303	303	303
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45	278	280	283	290	295	299	304	311	319	322	327	331	335	337	341	344	343	344	345	345	343	343	339	335	331	327	323	316	311	304	298	295	292	286	278	275	276	268	264	264	261	256	248	242	240	233	222	210	202	
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55	230	239	243	247	256	260	267	273	282	285	289	294	298	303	310	313	312	311	314	313	310	306	305	301	296	289	283	277	271	268	260	254	244	243	237	226	227	220	219	213	203	199	191	184	175	170	162	154	146	
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70	135	143	147	157	161	168	176	182	189	194	200	204	210	214	217	221	223	224	224	223	222	218	213	211	204	199	190	188	180	176	168	161	153	147	140	132	128	121	116	105	95	86	80	75	70	70	64	58		
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110	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
115	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
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175	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
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Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTDATE] 11-Aug-2014 16:29:37
[TESTLAB] Radiant Zemax ProSource
[ISSUEDATE] 8/12/2014 3:06:24 PM
[MANUFAC] Tech Lighting
[LUMINAIRE] Span Bath 2'
[LAMP] Edge Lit LED
[BALLAST] Constant Current
[COLORCONSTANT] 2,863-CCT 82.6-CRI
[_TOTALLUMINAIRELUMENS] 1214.1
[_LAMPPOSITION] BASE DOWN
[_NUMBEROFPRAYS]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

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Reported data calculated from manufacturer's data file, based on IES recommended methods.