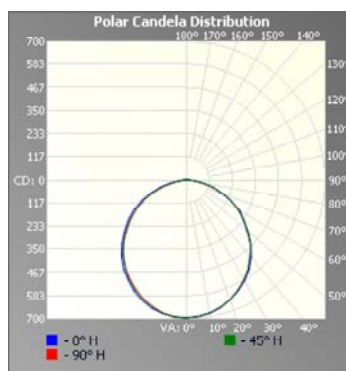


GENERATION BRANDS

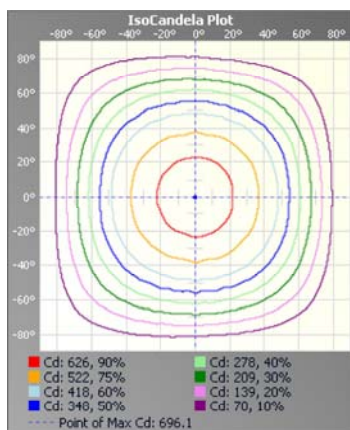
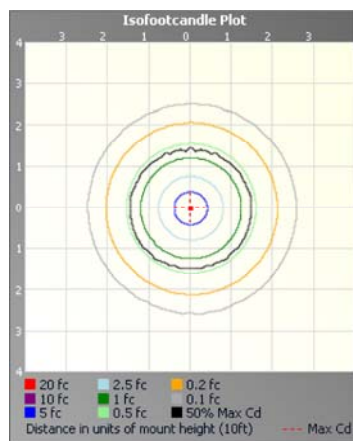
Goniophotometer Test Report

Filename: 700LSKNOX-LED
Manufacturer: Tech Lighting
Luminaire: KNOX LINEAR SUSPENSION
Lamp: LED 120VAC
Ballast Desc: 1100ma CC Driver
Lamp Output: 1 lamp, rated Lumens/lamp: 1952.1
Max Candelae: 696.1 at Horizontal: 0Å°, Vertical: 0Å°
Input Wattage: 40
Luminous Opening: Point
Test Date: 13-May-2014 17:50:56
Test Lab: Radiant Zemax ProSource
Color Constant: 3000K 80CRI
Photometry : Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 7



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaires
0-30	535.0	27.4%	27.4%
0-40	873.2	44.7%	44.7%
0-60	1,533.7	78.6%	78.6%
60-90	414.3	21.2%	21.2%
70-100	180.0	9.2%	9.2%
90-120	4.1	0.2%	0.2%
0-90	1,948.0	99.8%	99.8%
90-180	4.1	0.2%	0.2%
0-180	1,952.1	100%	100%

Lumens Per Zone				Lumens Per Zone			
Zone	Lumens	% Total		Zone	Lumens	% Total	
0-10	65.7	3.4%		90-100	3.9	0.2%	
10-20	187.2	9.6%		100-110	0.2	0%	
20-30	282.1	14.5%		110-120	0	0%	
30-40	338.1	17.3%		120-130	0	0%	
40-50	347.9	17.8%		130-140	0	0%	
50-60	312.6	16.0%		140-150	0	0%	
60-70	238.2	12.2%		150-160	0	0%	
70-80	137.6	7.0%		160-170	0	0%	
80-90	38.5	2.0%		170-180	0	0%	



Candela Table - Type C

[illegible]

90	18	15	17	14	14	14	13	14	13	13	12	12	12	11	11	10	10	15	15	14	12	10	10	10	11	11	10	11	10	12	9	10	10	10	12	13	14	11	9	6	6	5	5	5	5	5
95	3	4	4	4	4	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	3	2	2	3	2	2	2	
100	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1		
105	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	1	0	0	0	0	0	0	0	0			
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		
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	
120	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	
125	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	
130	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	
135	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	
140	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	
145	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	
150	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	
155	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	
160	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	
165	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	
170	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	
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	
180	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

IESNA:LM-63-2002
[TEST]
[TESTDATE] 13-May-2014 17:50:56
[TESTLAB] Radiant Zemax ProSource
[ISSUEDATE] 5/13/2014 6:53:05 PM
[MANUFAC] Tech Lighting
[LUMINAIRE] KNOX LINEAR SUSPENSION
[LAMP] LED 120VAC
[BALLAST] 1100ma CC Driver
[COLORCONSTANT] 3000K 80CRI
[_TOTALLUMINAIRELUMENS] 1952.1
[_NUMBEROFFRAYS]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.