

AMERICAN BRIGHT LIGHTING, INC.

13815-C MAGNOLIA AVE., CHINO CA 91710
TEL: 909-628-5050 FAX: 909-628-5006

SimpleTube™

AB-ST Series

PATENT PENDING



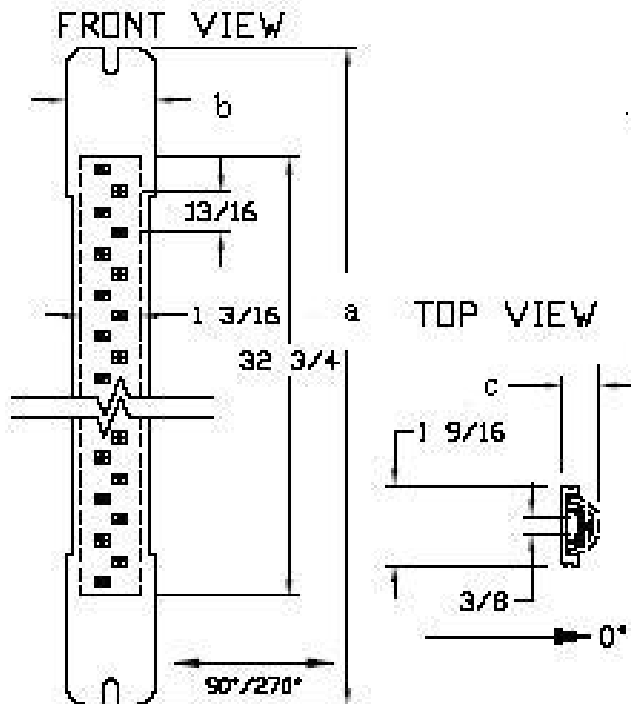
Bright Ideas for Freezer Case Lighting, Refrigeration Lighting and Signage

DESCRIPTIONS

SimpleTube is designed to replace more costly, less efficient, and mercury-containing technologies currently in place, such as fluorescent and compact fluorescent lights (CFL)

APPLICATIONS

Freezer Case Display Lighting
Commercial Refrigeration Lighting
Outdoor/Indoor Signage



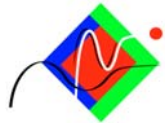
FEATURES

Retrofit for Existing T8 Fluorescent Lamp 1~8 feet
Energy Efficiency & Long Life
Ballast-Free & User-Friendly Installation
Adjustable Light Distribution for Desired Effect

CHARACTERISTICS*

Dimension: 1, 2, 3, 4, 5, 6, 7, 8 feet
Electrical: 120VAC, 60Hz
Power: 3.2 Watts / ft
Light Output: 197 lm / ft
Efficacy: 61 lm / Watt
Color Temperature: options range from
3500K to 7000K

* Ratings based on single-sided PCB and CCT= 4200K.



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Dimension Data

Part No.	Description	Length* (a)	Width(b)	Depth(c)
AB-ST3BC-42S-20M	3 ft center light, clear glass, black finish	37 3/16"	1 3/4"	7/16"
AB-ST3BC-42S-60-20M	3 ft center light, clear glass, black finish, 60°	37 3/16"	1 3/4"	7/16"
AB-ST3BC-42S-60-20ME	3 ft end light, clear glass, black finish, 60°	37 3/16"	1 3/4"	7/16"
AB-ST4BC-42S-20M	4 ft center light, clear glass, black finish	49 3/16"	1 3/4"	7/16"
AB-ST4BC-42S-60-20M	4 ft center light, clear glass, black finish, 60°	49 3/16"	1 3/4"	7/16"
AB-ST4BC-42S-60-20ME	4 ft end light, clear glass, black finish, 60°	49 3/16"	1 3/4"	7/16"
AB-ST5BC-42S-20M	5 ft center light, clear glass, black finish	61 3/16"	1 3/4"	7/16"
AB-ST5BC-42S-60-20M	5 ft center light, clear glass, black finish, 60°	61 3/16"	1 3/4"	7/16"
AB-ST5BC-42S-60-20ME	5 ft end light, clear glass, black finish, 60°	61 3/16"	1 3/4"	7/16"
AB-ST6BC-42S-20M	6 ft center light, clear glass, black finish	73 3/16"	1 3/4"	7/16"
AB-ST6BC-42S-60-20M	6 ft center light, clear glass, black finish, 60°	73 3/16"	1 3/4"	7/16"
AB-ST6BC-42S-60-20ME	6 ft end light, clear glass, black finish, 60°	73 3/16"	1 3/4"	7/16"

*Lamps to exact foot long without end mounting tabs

Performance Data*

Part No.	Description	Life time(hrs)	Lumens	CRI	CCT	Wattage
AB-ST3BC-42S-20M	3 ft center light, clear glass, black finish	50000	590	71	4200	9.6
AB-ST3BC-42S-60-20M	3 ft center light, clear glass, black finish, 60°	50000	590	71	4200	9.6
AB-ST3BC-42S-60-20ME	3 ft end light, clear glass, black finish, 60°	50000	590	71	4200	4.8
AB-ST4BC-42S-20M	4 ft center light, clear glass, black finish	50000	788	71	4200	12.8
AB-ST4BC-42S-60-20M	4 ft center light, clear glass, black finish, 60°	50000	788	71	4200	12.8
AB-ST4BC-42S-60-20ME	4 ft end light, clear glass, black finish, 60°	50000	788	71	4200	6.4
AB-ST5BC-42S-20M	5 ft center light, clear glass, black finish	50000	985	71	4200	16
AB-ST5BC-42S-60-20M	5 ft center light, clear glass, black finish, 60°	50000	985	71	4200	16
AB-ST5BC-42S-60-20ME	5 ft end light, clear glass, black finish, 60°	50000	985	71	4200	8
AB-ST6BC-42S-20M	6 ft center light, clear glass, black finish	50000	1182	71	4200	19.2
AB-ST6BC-42S-60-20M	6 ft center light, clear glass, black finish, 60°	50000	1182	71	4200	19.2
AB-ST6BC-42S-60-20ME	6 ft end light, clear glass, black finish, 60°	50000	1182	71	4200	9.6

*Tested and calculated by ITL report

Remark:

1. Built-in LED driver, no bulky heat sink or external power supply
2. Option for glass (clear/ frosted), finish (black/ white), display angle (180°~30°) are available