

Troffer Series

BRITCOR™ TECHNOLOGY

BTSG3

AC DIRECT LED
NO POWER SUPPLY NEEDED



15
YEAR
WARRANTY

APPLICATIONS



The BTSG3 is a high efficacy, specification grade, volumetric LED Troffer luminaire that delivers the only AC Direct LED technology on the market with an efficacy up to 152 lumens per watt. The BTSG3 provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed and surface mount configurations.

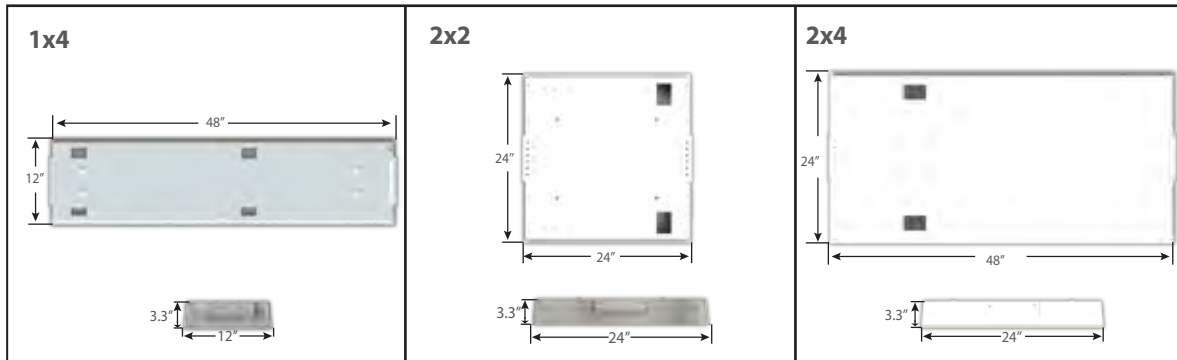
FEATURES & BENEFITS

- ⚙️ AC Direct technology - No DC power supply
- ⚙️ Matte white reflective surface for soft, uniform light distribution
- ⚙️ Emergency backup accessories available
- ⚙️ High Efficacy Up To 152 Lumens per Watt
- ⚙️ 0-10VDC Dimming optional
- ⚙️ Easy access plate for quick wiring
- ⚙️ ETL Listed for damp locations



SPECIFICATIONS

Housing is die-formed and embossed code 22 gauge steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal. Listed by and bears ETL label. Operating temperature range from -40C to 40C.



Fluorescent	Lumen Output	LiteSheet Wattage	LiteSheet Part Number	Description
(2) LAMP T8 U TUBE WITH ELECTRIC BALLAST LUMINAIRE	1850	12	BTSG3-22-12-V-CT80	2x2 High Efficacy Center Basket Troffer, Frosted Lens, 12W
(1) LAMP 32WATT T8 WITH 4" LINEAR LUMINAIRE	2800	18	BTSG3-24-18-V-CT80	2x4 High Efficacy Center Basket Troffer, Frosted Lens, 18W
(4) LAMP 17WATT T8 WITH 2" LUMINAIRE	5400	36	BTSG3-22-36-V-CT80	2x2 High Efficacy Center Basket Troffer, Frosted Lens, 36W
(2) LAMP 32WATT T8 WITH 4" LINEAR LUMINAIRE	5600	36	BTSG3-24-36-V-CT80	2x4 High Efficacy Center Basket Troffer, Frosted Lens, 36W
(3) LAMP 32WATT T8 WITH 4" LINEAR LUMINAIRE	8400	54	BTSG3-24-54-V-CT80	2x4 High Efficacy Center Basket Troffer, Frosted Lens, 54W



ORDERING INFORMATION

BTSG3	- Mounting	- Size	- Wattage	- Voltage (v)	- Color Temp/CRI (CT80)	- Lens(L)	/ Options
(Blank)	Regular Recess Lay-in	14S 1x4 22S 2x2 24S 2x4	Wattages/Lumens 12 Watts/1850 lumens 18 Watts/2750 lumens 24 Watts/3650 lumens 36 Watts/5500 lumens 48 Watts/7300 lumens 54 Watts/8400 lumens 64 Watts/9750 lumens	1 120V 2 277V	First 2 Digits Temp 30 3000K 35 3500K 40 4000K 50 5000K Second 2 Digits CRI 80 80 CRI	Diffuser FR Frosted Lens	Dimmer (Blank) None ZT 0-10V 3rd Party Compatible Battery Backup Emergency Light (Blank) None EM1 500 Lumen Air Return Slots (Blank) None A Return air vent

Custom Wattages Also Available up to 64W (XX)

EXAMPLE: BTSG3-24S-12-2-5080 FR/ZT EM1 A

Dimensions and specifications subject to change without notice.

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