BC8824 | SECRET — MENU —

1-5/8" wide sheet steel LED luminaire with tubular lens

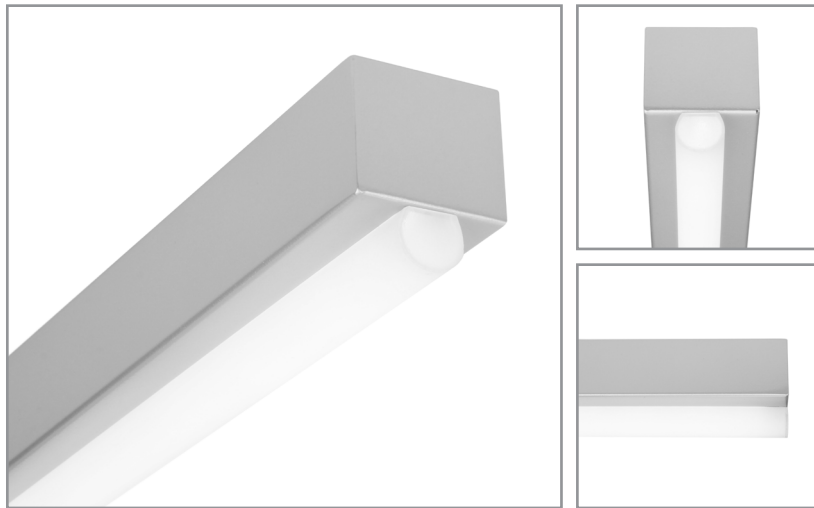**bartco**
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____

FEATURES

The BC8824 fixture has a familiar appearance, mimicking our iconic, clean bodied linear strips. The heavy gauge, 1-3/4" wide by 1-5/8" tall sheet formed housing is topped with a diffuse acrylic tubular lens, that recalls the classic form of a linear fluorescent lamp. Multiple driver and LED color/output options broaden application versatility.

SPECIFICATIONS

Housing is formed and welded, 20 ga. steel, chemically treated to resist corrosion and enhance paint adhesion.

Tubular lens is Ø 3/4" extruded frosted acrylic with matching end caps.

Model variations offered for surface mount and cable suspended applications.

Standard finishes as shown below.

Available as single fixtures in nominal lengths of 2'–4'.

Surface mount models include knock outs on the rear and surface or suspended models are available with optional end knock outs.

Standard integral 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available).

Integral 120-277V emergency battery backup available for 4' nominal length fixture with non-dim or 0-10V drivers (see below for details and consult factory for other driver compatibility).

Standard light outputs are 550 or 750 lumens per foot.

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical.
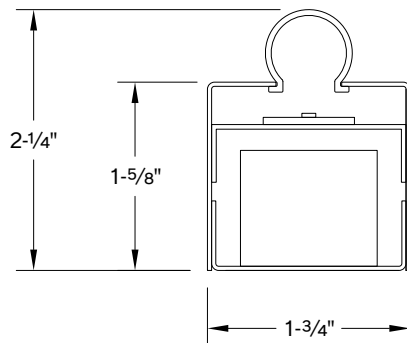
LED life rated at 50,000 hours L_{70}.

Limited five year warranty.

UL and C-UL listed for dry and damp locations.

SECTIONS
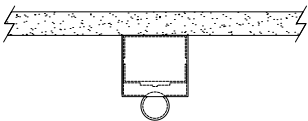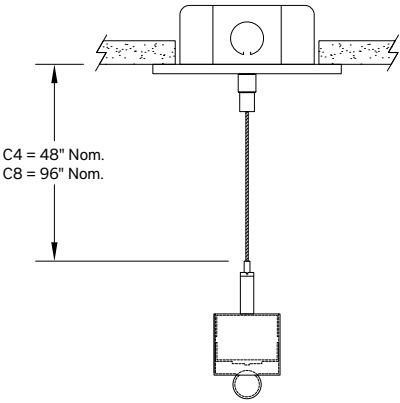
2-1/4"
1-5/8"
1-3/4"

PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	550	5.3	2069	104
	R: regular	750	7.5	2816	101

Note: All data reflects fixtures with 3000K LEDs
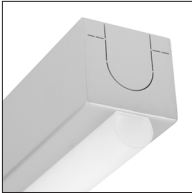
BC8824 –

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FIXTURE LENGTH	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	MOUNT	OPTIONS	FINISH
23: 23" 34: 34" 45: 45"	27: 2700K-90+ CRI 30: 3000K-90+ CRI 35: 3500K-90+ CRI 40: 4000K-90+ CRI	ND: non-dimming **[Dimming]** D: 0-10V, 1% DTR: triac, 1%, (120V ONLY) DLV: electronic low voltage, 1%, (120V ONLY) HES: Lutron EcoSystem, soft-on/fade-to-black, 1% EL: eldoLED ECOdrive 0-10V, 1% ES: eldoLED SOLOdrive 0-10V, 0.1% ELD: eldoLED ECOdrive DALI, 1% ESD: eldoLED SOLOdrive DALI, 0.1%	L: low – 550 R: regular – 750 CF: consult factory for custom output	SM: surface mount C4: cable mount 4' cable length C8: cable mount 8' cable length CF: consult factory for custom mounting	EK: add end knock-outs ED: emergency driver (see details section below)	AW: architectural white (semi-matte) WH: white (semi-gloss) BL: black (semi-matte) MB: matte black ESS: environmental satin silver BZ: bronze PR: primer CF: consult factory for custom finish

MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	**SURFACE MOUNT** Use appropriate fastener through Ø ³⁄₁₆" holes in housing

C4 = 48" Nom.
C8 = 96" Nom.

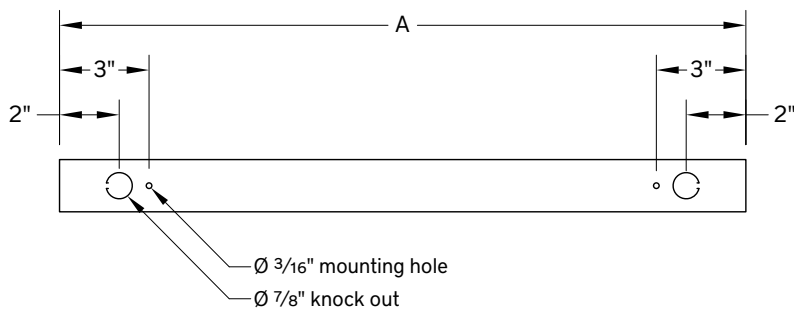|	ORDERING CODE	DESCRIPTION
	C4 and C8	CABLE MOUNT Mounting option includes: • Ø ¹⁄₁₆" x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) power cable (in coordinating finish) • Bracket bars • Ø 5" white canopies • Ceiling couplers • Side exit cable grippers

OPTIONS

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	EK	ADD END KNOCK OUTS	Mouse-hole shaped knock outs added at both fixture ends for passing wire between butt joined fixtures. NOTE: Not intended as an access point for feeding power.
	ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes. • Emergency driver is compatible with non-dim or 0-10V drivers (consult factory for compatibility with other drivers). • 23" and 34" fixtures available with a remote driver, indicator light/test switch and enclosure. • 45" fixtures available with an integral driver, and remote indicator light/test switch.

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LENGTH / MOUNTING DIMENSIONS

ORDERING CODE	LENGTH A	LENGTH B
23	23"	17"
34	34"	28"
45	45"	39"

RUN INFORMATION

Back Plan – Surface Mount Option

Ø ³/₁₆" mounting hole
Ø ⁷/₈" knock out

Side View – Cable Mount Option