BC8824 | SECRET — MENU —

1-3/4" wide sheet steel LED luminaire with tubular lens

bartco
VISIONS BROUGHT TO LIGHT™
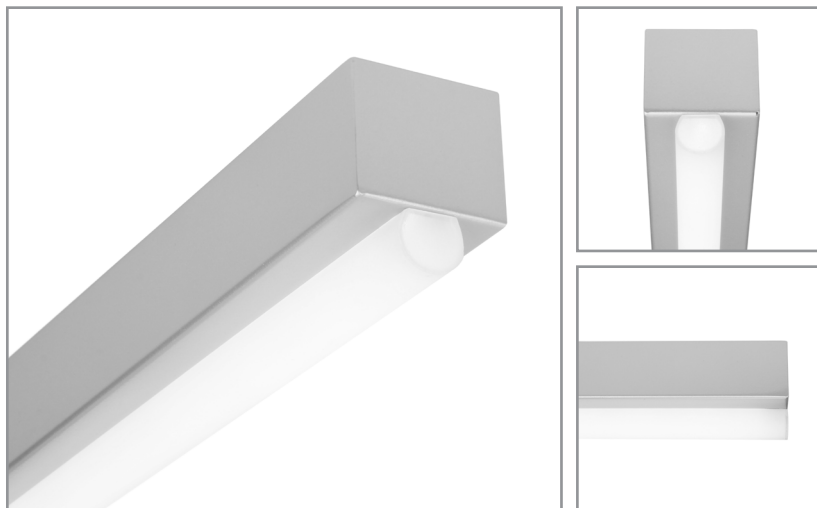
Project: _____   Type: _____

SECTIONS

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

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).

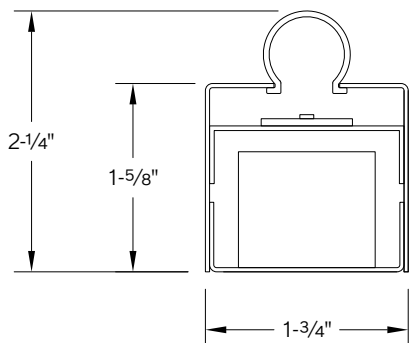Standard light outputs are 550 or 750 lumens per foot.

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.

PERFORMANCE

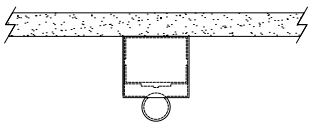| NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	550	5.3	2069	104
	R: regular	750	7.5	2816	101
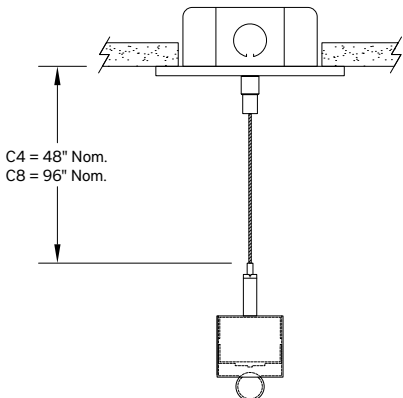
Note: All data reflects fixtures with 3000K LEDs.
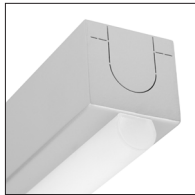
BC8824 –

— _____ — _____ — _____ — _____ — _____ — _____

FIXTURE LENGTH

23: 23"
34: 34"
45: 45"

CORRELATED COLOR TEMPERATURE

27: 2700K-90+ CRI
30: 3000K-90+ CRI
35: 3500K-90+ CRI
40: 4000K-90+ CRI

DRIVER

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%

LIGHT OUTPUT
(lumens per foot)

L: low – 550
R: regular – 750
CF: consult factory for custom output

MOUNT

SM: surface mount
C4: cable mount 4' cable length
C8: cable mount 8' cable length
CF: consult factory for custom mounting

OPTIONS

EK: add end knock-outs
ED: emergency driver (see details section below)

FINISH

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

BC8824 | SECRET — MENU —

1-3/4" wide sheet steel LED luminaire with tubular lens

bartco
VISIONS BROUGHT TO LIGHT™

MOUNTING

	ORDERING CODE	DESCRIPTION
	SM	**SURFACE MOUNT** Use appropriate fastener through Ø ³⁄₁₆" holes in housing.
C4 = 48" Nom. C8 = 96" Nom.	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

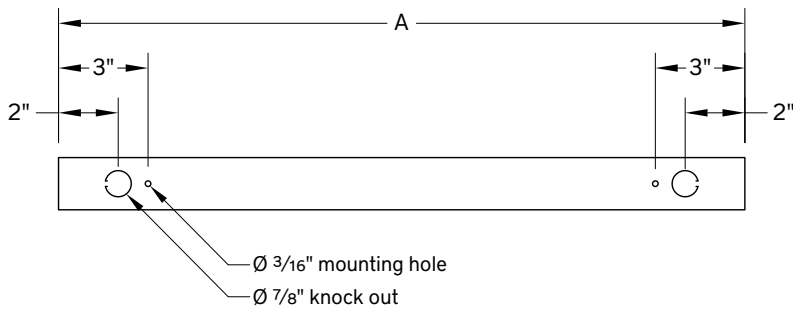## OPTIONS

	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.

BC8824 | SECRET — MENU —

1-3/4" wide sheet steel LED luminaire with tubular lens

b a r t c o
VISIONS BROUGHT TO LIGHT™

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