BFZ100-S | FRACTALZ

2-1/4" wide projecting linear LED luminaire

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____   Type: _____
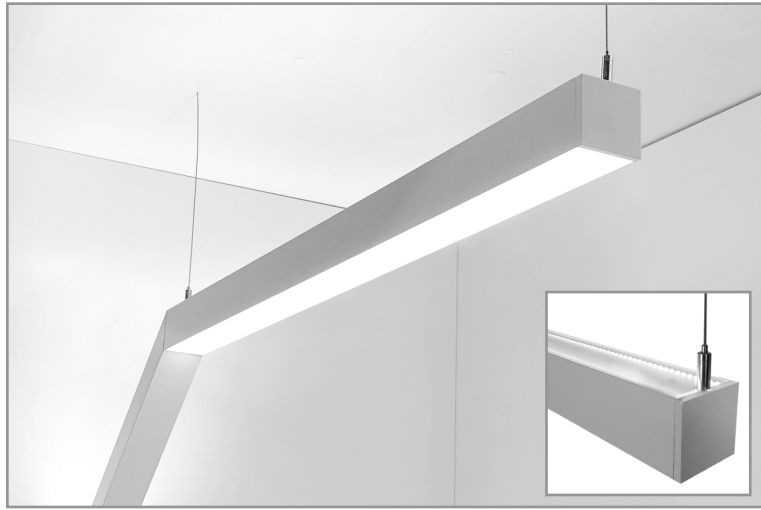
FEATURES

The BFZ100-S is part of the dynamic Fractalz series linear LED luminaires. The 2-1/4" square profile light fixture creates clean runs of direct, indirect or bi-directional illumination. Additionally, the BFZ100-S model interfaces with Fractalz Recessed and Through-Space fixtures to form exciting, multi-directional lighting arrays.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, flat acrylic lens and machined aluminum end caps

Available for direct, indirect or direct/indirect configurations with Lambertian or batwing indirect optic options

Fixture ends can mount to Fractalz Through-Space or Fractalz Recessed fixtures or accessory flush mount wall plates

Available in nominal lengths of 2'–8' single fixtures and continuous runs

Depending on light source orientation, included standard driver is 120-277V remote or integral and offered with 0-10V dimming or non-dim

Standard light outputs range from 665–1000 lumens per foot for the direct source and 700–1415 lumens per foot for the indirect source
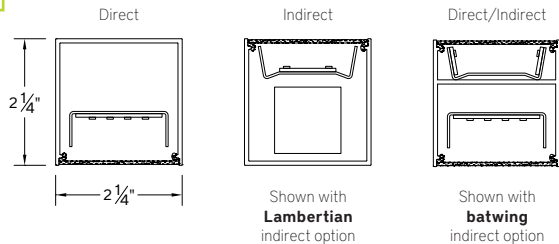
LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L_{70}

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION

Direct	Indirect	Direct/Indirect
2¼" × 2¼"	Shown with **Lambertian** indirect option	Shown with **batwing** indirect option

PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

NOMINAL LENGTH	OPTIC CONFIGURATION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	DIRECT	R: regular	665	7.4	2653	90
		H: high	1000	11.1	3990	90
	INDIRECT-LAMBERTIAN	R: regular	825	7.8	3306	106
		H: high	1415	13.4	5666	106
	INDIRECT-BATWING	R: regular	700	8.3	2804	84
		H: high	1200	14.2	4800	84

UL CERTIFIED   Made in USA

BFZ100-S -

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INTERFACE CONFIGURATION A
E1: flat end cap
SU: Suspended
TS: Through-Space
RE: Recessed
WP: Wall Plate

INTERFACE CONFIGURATION B
E1: flat end cap
SU: Suspended
TS: Through-Space
RE: Recessed
WP: Wall Plate

NOMINAL LENGTH
2: 24"
3: 36"
4: 48"
5: 60"
6: 72"
7: 84"
8: 96"

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%

DIRECT SOURCE OUTPUT
(lumens per foot)
NA: not applicable
R: regular – 665
H: high – 1000

INDIRECT SOURCE OUTPUT
(lumens per foot, lambertian/batwing)
NA: not applicable
R: regular – 825/700
H: high –1415/1200

INDIRECT OPTIC
NA: not applicable
1: general Lambertian distribution
2: batwing distribution

SUSPENSION/ POWER FEED*
P4: 4' aircraft cable w/power cord
P8: 8' aircraft cable w/power cord
N4: 4' aircraft cable, NO power
N8: 8' aircraft cable, NO power

OPTIONS
ED: emergency driver (default wired to direct source)
2: dual circuit

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

* Power Feed requirement dependent on fixture length, direct and/or indirect source and light output options. Factory to confirm power feeds per customer supplied layout.

INTERFACE CONFIGURATION **A**

Note: Fractalz suspended fixture ends can join to Fractalz suspended, Fractalz Through-Space and Fractalz recessed luminaires, as well as wall mount plates or terminating with an end cap

ORDER CODE	DESCRIPTION
E1	Interface A terminates with a Flat End Cap
SU	Interface A joins to another Suspended Fractalz luminaire
TS	Interface A joins to a Fractalz Through-Space luminaire
RE	Interface A joins to a Fractalz Recessed luminaire
WP	Interface A joins to a Wall Plate

INTERFACE CONFIGURATION **B**

Note: Fractalz suspended fixture ends can join to Fractalz suspended, Fractalz Through-Space and Fractalz recessed luminaires, as well as wall mount plates or terminating with an end cap.

ORDER CODE	DESCRIPTION
E1	Interface B terminates with a Flat End Cap
SU	Interface B joins to another Suspended Fractalz luminaire
TS	Interface B joins to a Fractalz Through-Space luminaire
RE	Interface B joins to a Fractalz Recessed luminaire
WP	Interface B joins to a Wall Plate

INTERFACE A
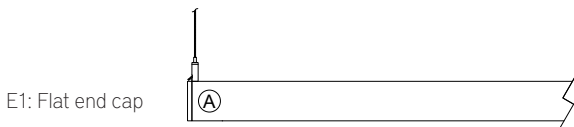
E1: Flat end cap
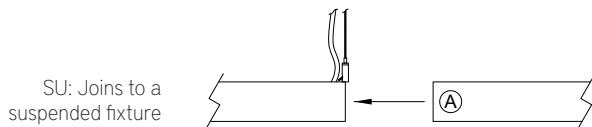
SU: Joins to a suspended fixture
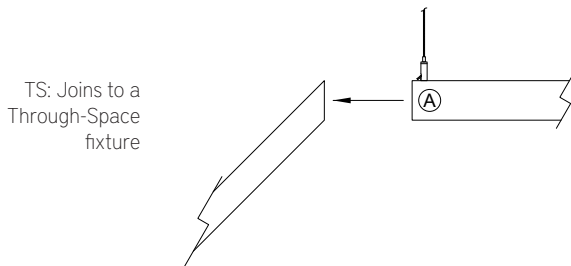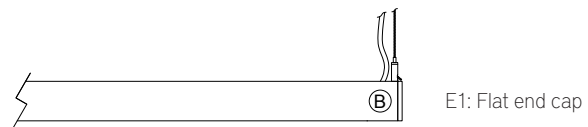
TS: Joins to a Through-Space fixture
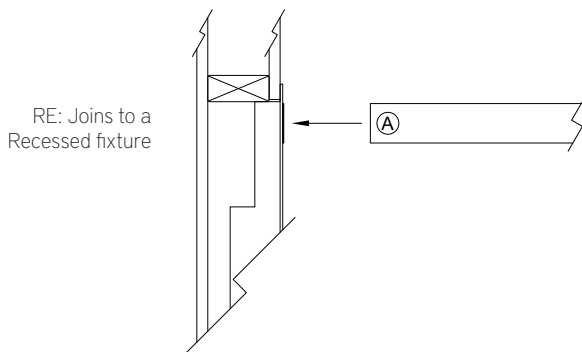
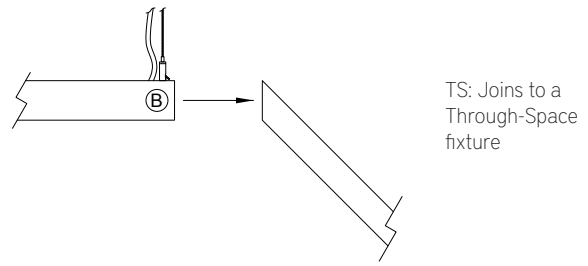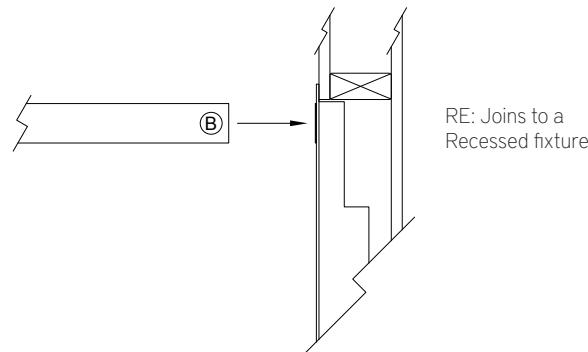RE: Joins to a Recessed fixture
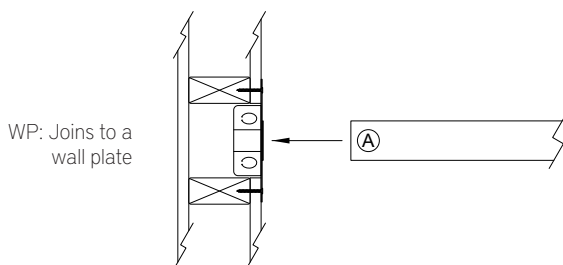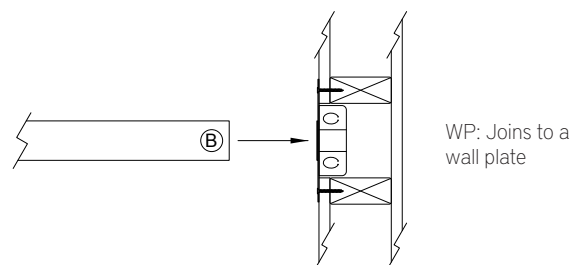
WP: Joins to a wall plate
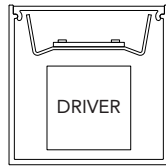
INTERFACE B

E1: Flat end cap

SU: Joins to a suspended fixture

TS: Joins to a Through-Space fixture

RE: Joins to a Recessed fixture

WP: Joins to a wall plate
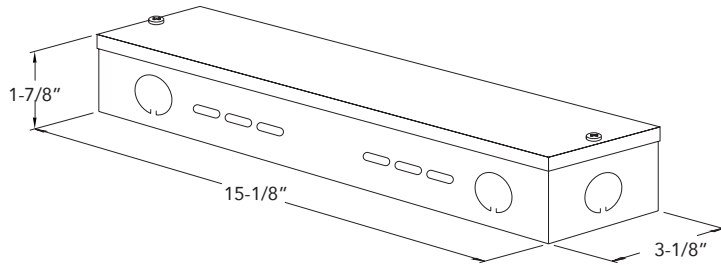
DRIVER

DRIVER

Fractalz Suspended fixtures with an **indirect light source only** are provided with the driver integral.

1-7/8"

15-1/8"

3-1/8"

Fractalz Suspended fixtures with a **direct light source only or direct/indirect** are provided with remote drivers and surface mount enclosure.

Ventilated aluminum enclosure is 1-7/8" H x 15-1/8" L x 3-1/8" W.

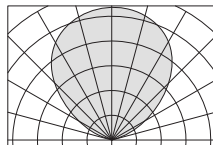Each fixture will be provided with a driver matched for fixture length and output.
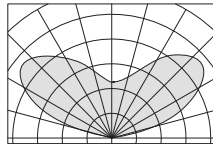
INDIRECT OPTIC

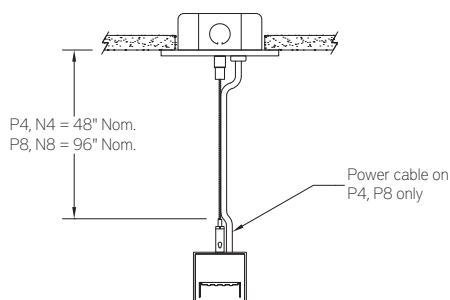| ORDERING CODE	DESCRIPTION
NA	NO indirect light source
1	Lambertian indirect light distribution
2	Batwing indirect light distribution

SUSPENSION / POWER FEED

Note: Power Feed requirement dependent on fixture length, direct and/or indirect source and light output options.
FACTORY TO CONFIRM POWER FEEDS PER CUSTOMER SUPPLIED LAYOUT

	ORDERING CODE	DESCRIPTION
P4, N4 = 48" Nom. P8, N8 = 96" Nom.	P4 and P8	Power feed mounting option includes: • Ø 1/16"x 48" (P4) or 96" (P8) aircraft cables • 60" (P4) or 108" (P8) power cable (in coordinating finish) • Ø 5" white canopies, ceiling couplers, side exit grippers, mounting hardware
Power cable on P4, P8 only	N4 and N8	Non-power mounting option includes: • Ø 1/16"x 48" (N4) or 96" (N8) aircraft cables • Ø 5" white canopies, ceiling couplers, side exit grippers, mounting hardware

OPTIONS

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes • Available for REMOTE operation only. Driver wired to power direct light source. • Provided with combination test switch/indicator light mounted to wall plate for remote installation
2	DUAL CIRCUIT	• Consult factory for wiring options

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FIXTURE ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
2	24-5/8"	24-3/8"	24-1/8"
3	36-5/8"	36-3/8"	36-1/8"
4	48-5/8"	48-3/8"	48-1/8"
5	60-5/8"	60-3/8"	60-1/8"
6	72-5/8"	72-3/8"	72-1/8"
7	84-5/8"	84-3/8"	84-1/8"
8	96-5/8"	96-3/8"	96-1/8"

RUN INFORMATION

IMPORTANT: Provide finished layout to Bartco Lighting for verification and quoting.

Single Fixture
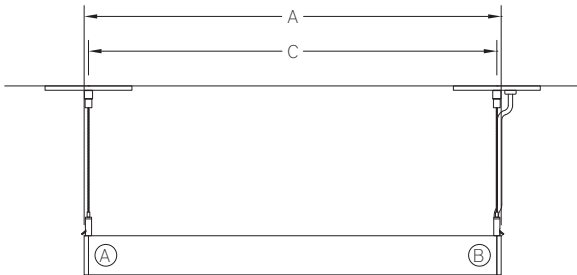
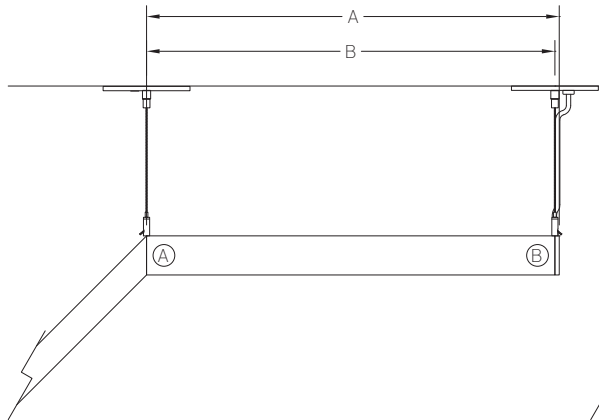Continuous Fixture Interface with Suspended
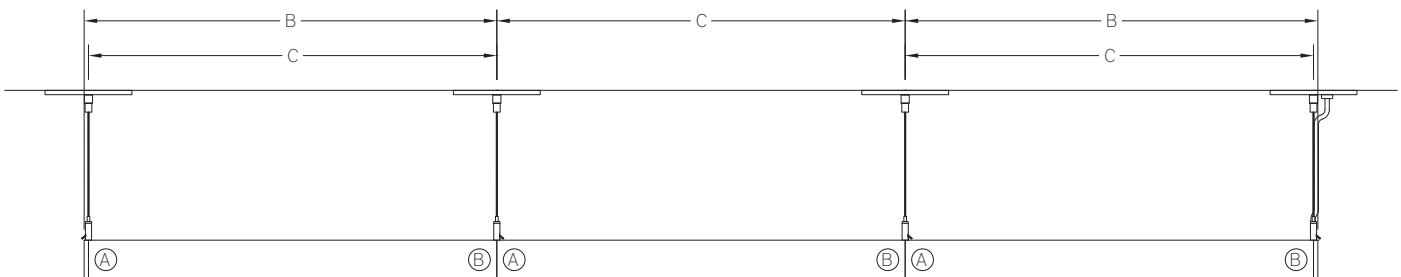
RUN INFORMATION
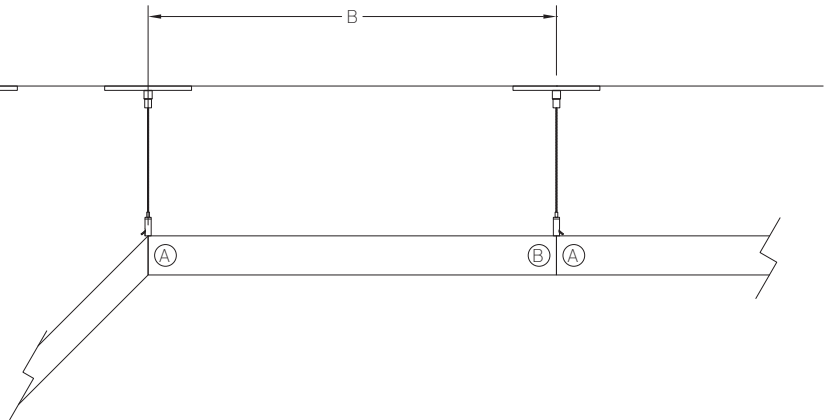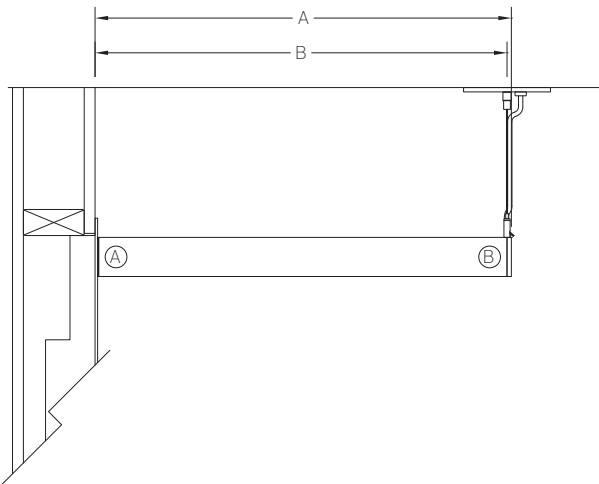
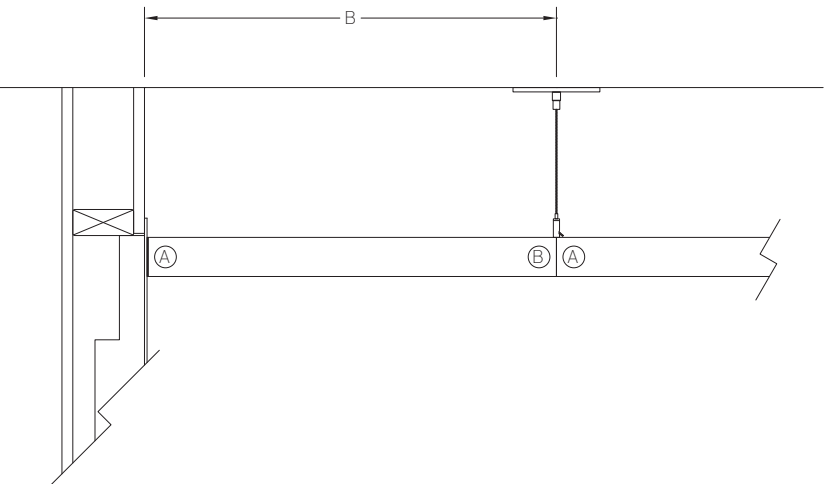Single Fixture Interface with Through Space

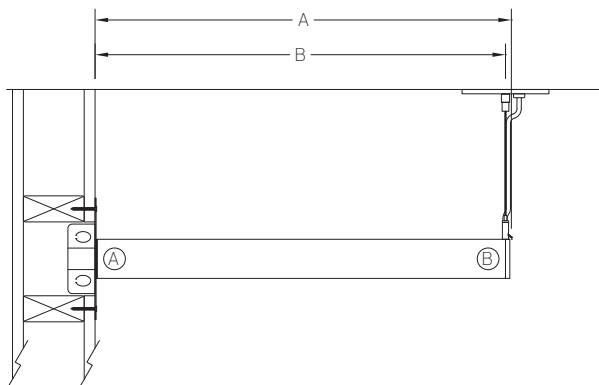Continuous Fixture Interface with Through Space

Single Fixture Interface with Recessed

Continuous Fixture Interface with Recessed

Single Fixture Interface with Wall Plate

Continuous Fixture Interface with Wall Plate