BFZ100-S | *FRACTALZ*™ *GENERAL INFORMATION*

Fractalz – 2-1/4" square suspended LED luminaire

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____
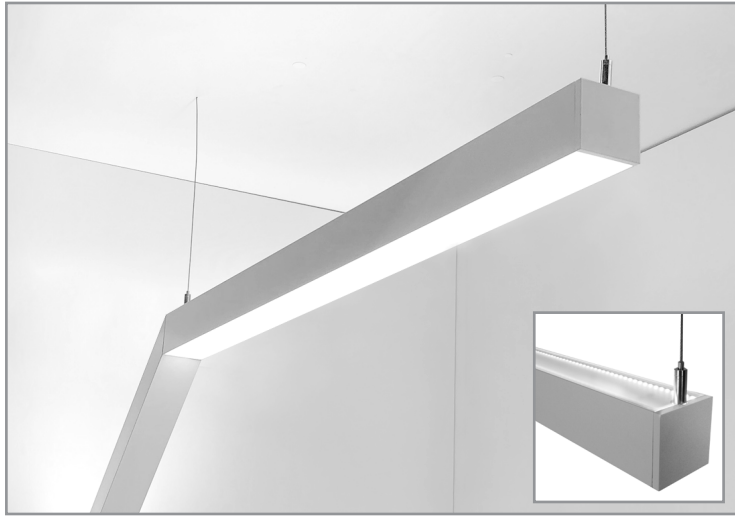
FEATURES

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 Fractals 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 bi-directional 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
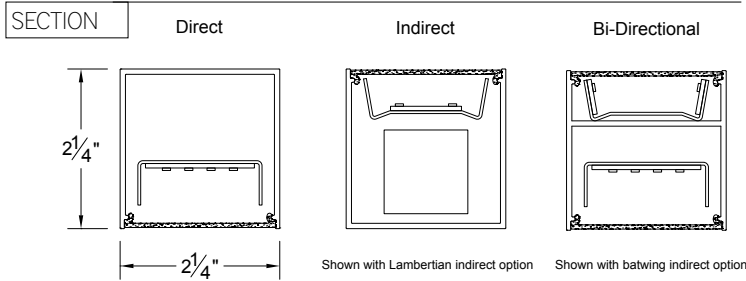
Standard light outputs range from 665 - 1000 lumens per foot for the direct source and 700 - 1415 lumens per foot for the indirect source

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
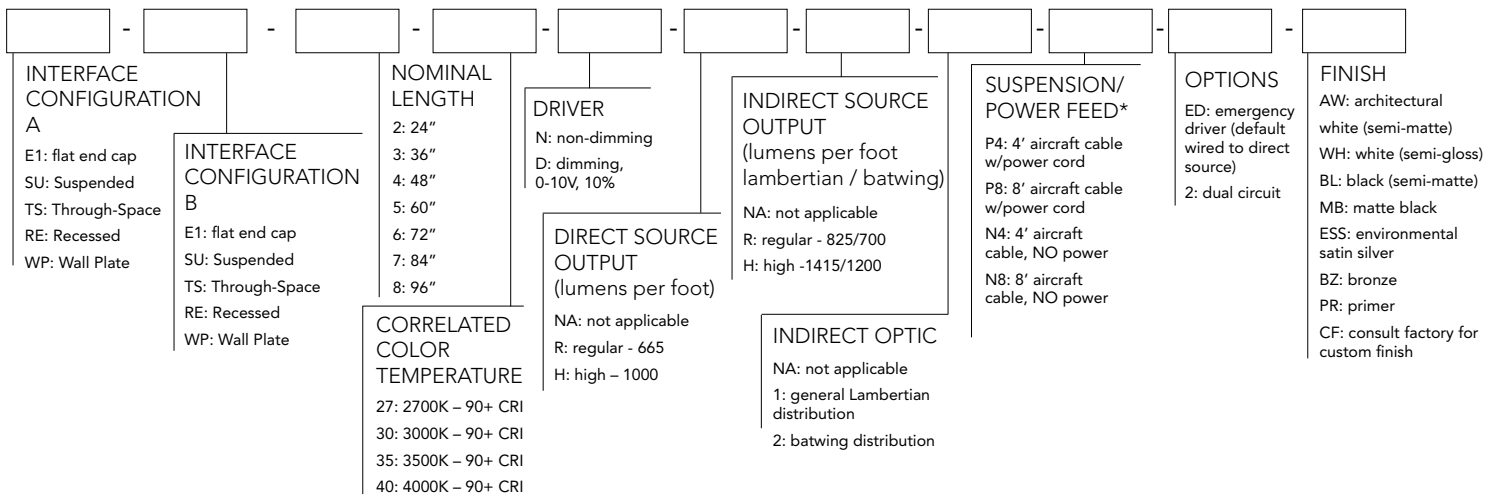
UL and C-UL listed for dry and damp locations

SECTION

Direct   Indirect   Bi-Directional

2¼"
2¼"

Shown with Lambertian indirect option   Shown with batwing indirect option

PERFORMANCE

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

*Note: All data reflects fixtures with 3500K LEDs.

c UL us LISTED   Made in USA

BFZ100-S -

____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

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

N: non-dimming
D: dimming, 0-10V, 10%

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.
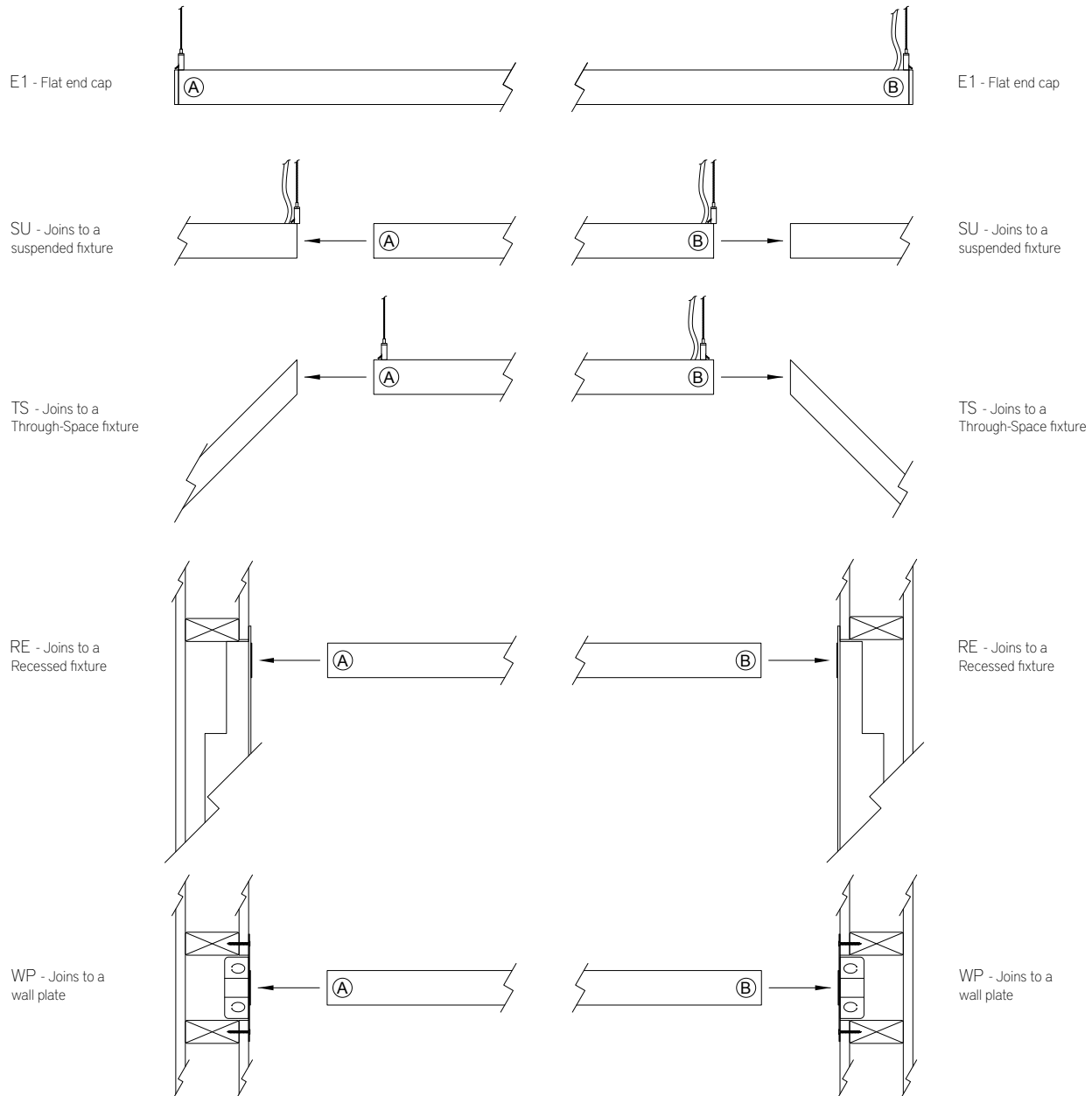
INTERFACE CONFIGURATION **A**

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

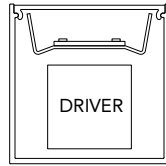| ORDER CODE	DESCRIPTION
E1	Interface A terminates with a Flat End Cap
SU	Interface A joins to another Suspended Fractalz luminaire
TS	Interface A joins to a Fractalz Through-Space luminaire
RE	Interface A joins to a Fractalz Recessed luminaire
WP	Interface A joins to a Wall Plate

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

INTERFACE   B

E1 - Flat end cap

E1 - Flat end cap

SU - Joins to a suspended fixture

SU - Joins to a suspended fixture

TS - Joins to a Through-Space fixture

TS - Joins to a Through-Space fixture

RE - Joins to a Recessed fixture

RE - Joins to a Recessed fixture

WP - Joins to a wall plate

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"
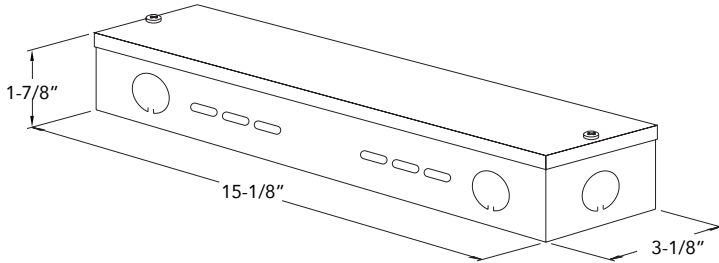
Fractalz Suspended fixtures with a **direct light source only or bi-directional** are provided with remote drivers and surface mount enclosure.
Ventilated aluminum enclosure is 1-7/8" H x 15-1/8" L x 3-1/8" W.
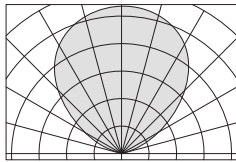Each fixture will be provided with a driver matched for fixture length and output.
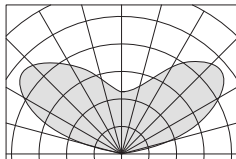
INDIRECT OPTIC

	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

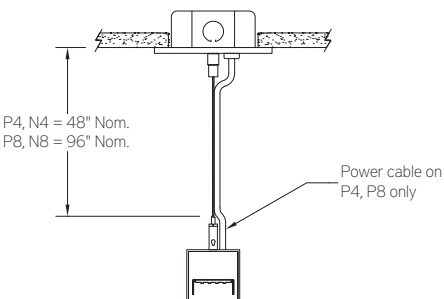|	ORDERING CODE	DESCRIPTION
	P4 and P8	Power feed mounting option includes: • Ø 1/16"x 48" (P4) or 96" (P8) aircraft cables • 60" (P4) or 108" (P8) power cable (in coordinating finish) • Ø 5" white canopies, ceiling couplers, side exit grippers, mounting hardware
	N4 and N8	Non-power mounting option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

P4, N4 = 48" Nom.
P8, N8 = 96" Nom.

Power cable on P4, P8 only

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