BFZ100-T | *FRACTALZ*™ GENERAL INFORMATION

Fractalz – 2-1/4" wide projecting linear LED luminaire

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VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____

SECTION

1-19/32"

2-1/4"

FEATURES

The BFZ100-T is part of the dynamic Fractalz series linear LED luminaires. The Through-Space fixture projects from walls, ceilings, the BFZ100-R Recessed and BFZ100-S Suspended fixture, spanning interior volumes with striking directional changes along the way.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, flat, frosted acrylic lens and heavy gauge, steel mounting brackets

Fixtures project into interior space from wall or ceiling surfaces

Up to three fixtures of any length can be joined in a run

Fixture ends mount to accessory flush-mount wall plates, Fractalz Recessed or Fractalz Suspended fixtures

Flush-mount wall plates mate to 4" square or octagonal junction boxes (supplied by others)

Available in nominal 21"-51" lengths

Fixtures wired with 10' low voltage leads

Included standard remote 120-277V driver offered with 0-10V dimming or non-dim

Standard outputs are 665 or 1000 lumens per foot

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
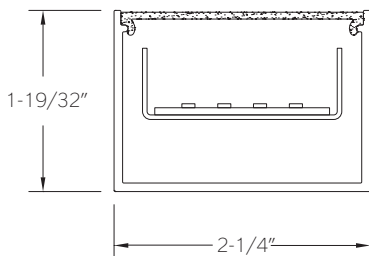
PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	R: regular	665	7.4	2653	90
	H: high	1000	11.1	3990	90

*Note: All data reflects fixtures with 3500K LEDs

BFZ100-T -

NOMINAL LENGTH	INTERFACE CONFIGURATION A	INTERFACE CONFIGURATION B	CORRELATED COLOR TEMPERATURE	DRIVER	OUTPUT (lumens per foot)	FINISH
21: 21"	45I: 45° inward	45I: 45° inward	27: 2700K-90+ CRI	N: non-dimming	R: regular - 665	AW: architectural white (semi-matte)
27: 27"	45O: 45° outward	45O: 45° outward	30: 3000K-90+ CRI	D: dimming, 0-10V, 10%	H: high - 1000	WH: white (semi-gloss)
33: 33"			35: 3500K-90+ CRI			BL: black (semi-matte)
39: 39"			40: 4000K-90+ CRI			MB: matte black
45: 45"						ESS: environmental satin silver
51: 51"						BZ: bronze
						PR: primer
						CF: consult factory for custom finish

INTERFACE CONFIGURATIONS

Interface Key

45I: 45° Inward – Fixture end mates to a Fractalz BFZ100-R recessed fixture, wall/ceiling junction box or mounting plate at a 45° angle
**45O: 45° Outward** – Fixture end mates to a Fractalz BFZ100-R recessed fixture, wall/ceiling junction box or mounting plate at a 45° angle

Interface **A**   Interface **B**   Interface **A**   Interface **B**

Light source

45°   45°   45°   45°
Inward   Inward   Inward   Outward

45°   45°
Outward   Outward
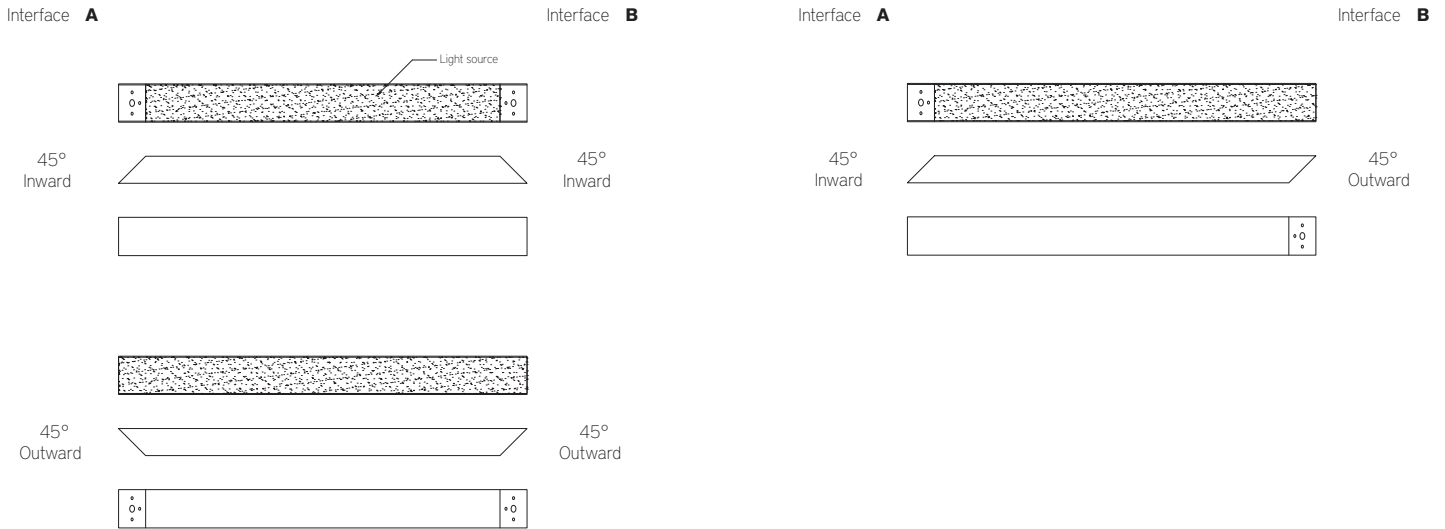
DRIVER

NOTE: Customer must provide the desired layout of up to three Through-Space fixtures in order for the factory to supply properly matched drivers.

Fractalz Through-Space fixtures are provided with a remote constant voltage driver and surface mount enclosure.
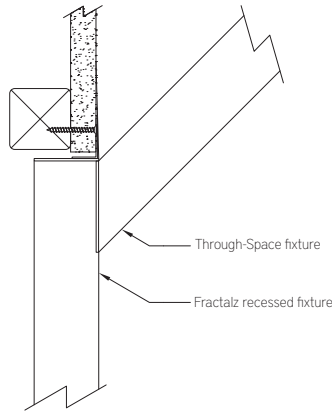
1-7/8"

15-1/8"

3-1/8"
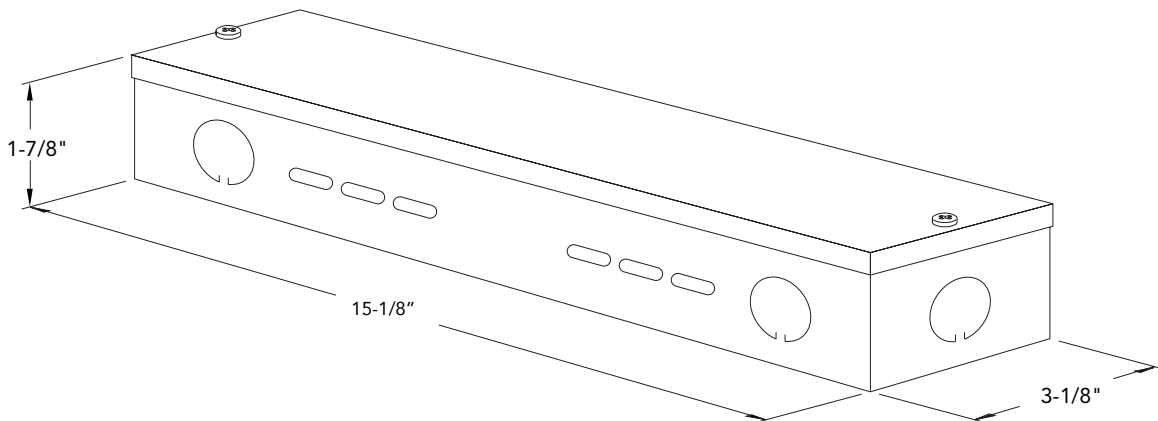
Fractalz – 2-1/4" wide recessed flush mount LED luminaire

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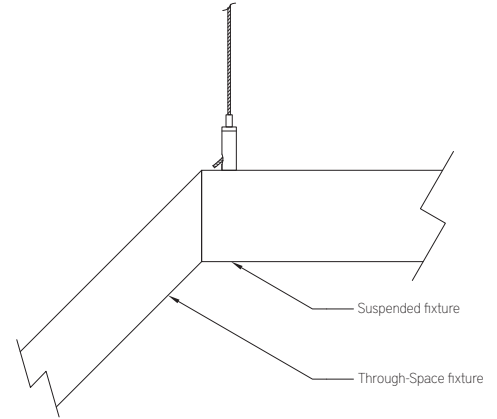| MOUNTING | Note: BFZ100-R recessed fixtures and junction boxes must be securely mounted to wall or ceiling framing to support cantilevered Through-Space fixtures |

Mounting to BFZ100-R
recessed fixture

Through-Space fixture

Fractalz recessed fixture

Mounting to BFZ100-MP45
accessory mounting plate

Through-Space fixture

BFZ100-MP45 mounting plate

Junction box by others

Finished surface

Blocking by others
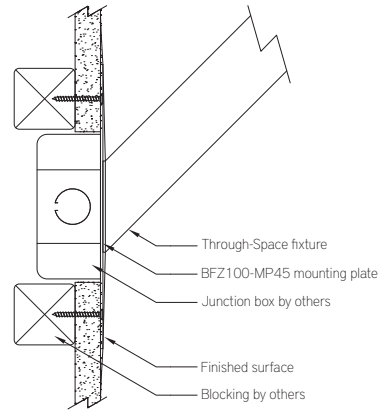
Mounting to BFZ100-S
suspended fixture

Suspended fixture

Through-Space fixture

| ACCESSORIES | Note: : Accessories ordered separately. Unless a run of Through-Space fixtures mounts to BFZ100-R recessed fixtures, the accessories below must be ordered. |

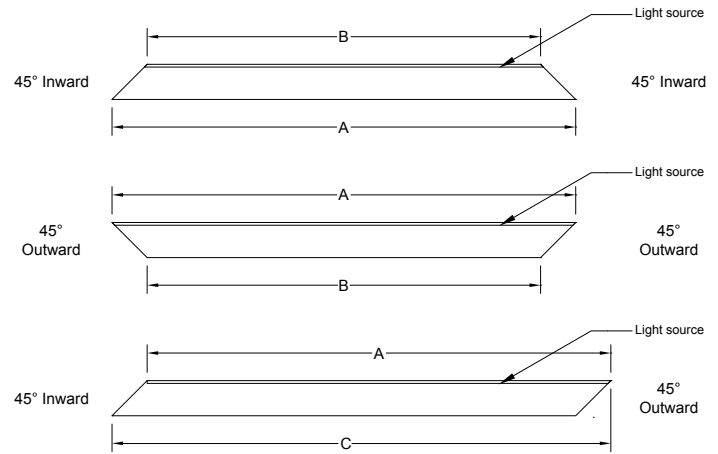| ORDERING CODE	DESCRIPTION	SPECIFICATIONS
BFZ100-MP45	Wall or hard ceiling mounting plate for 45° interface	• Use when a run of Through-Space fixtures originates or terminates at wall or hard ceiling at a 45° angle • 7" x 7" perforated plaster frame and mounting interface constructed from heavy gauge steel • When used for feeding power, plaster frame mounts to 4" square or octagonal junction boxes (by others) • For terminating runs, plaster frame mounts directly to wall or ceiling framing

Line of 4" square junction box

Line of 4" octagonal junction box

7"
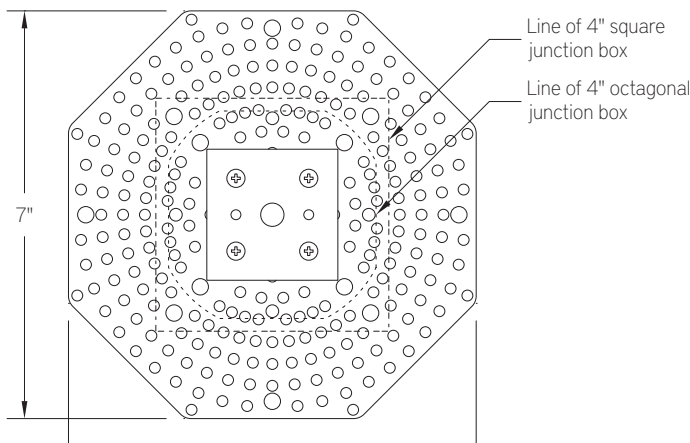
LENGTH DIMENSIONS

FIXTURE ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
21	21″	17-13/16″	22-19/32″
27	27″	23-13/16″	28-19/32″
33	33″	29-13/16″	34-19/32″
39	39″	35-13/16″	40-19/32″
45	45″	41-13/16″	46-19/32″
51	51″	47-13/16″	52-19/32″

45° Inward   B   Light source   45° Inward   A

45° Outward   A   Light source   45° Outward   B

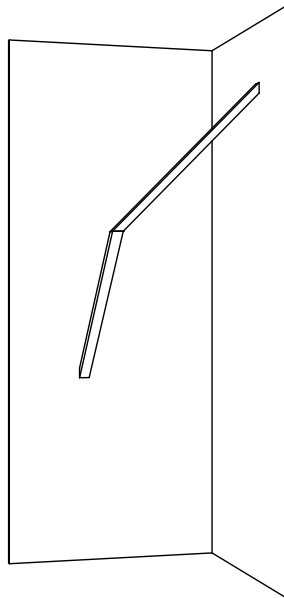45° Inward   A   Light source   45° Outward   C

LAYOUT EXAMPLES

Up to three Fractalz Through-Space fixtures of any length can be joined in four orientations. Below are a few of the many combinations of fixtures possible.
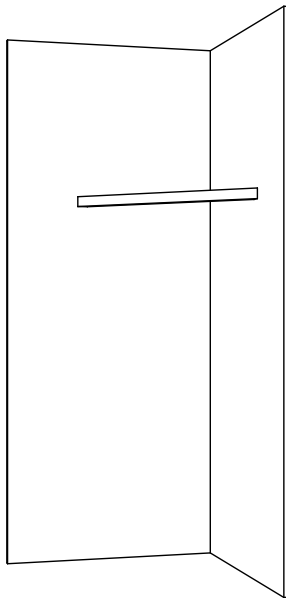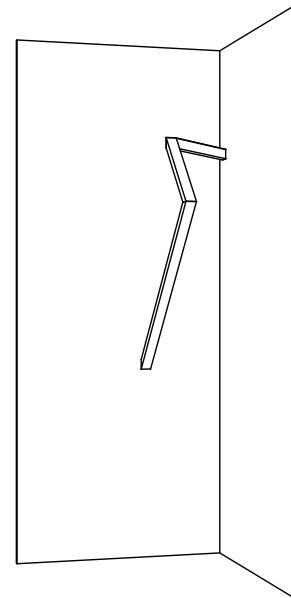
Single Fixture   Two Fixtures   Three Fixtures

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