

BFZ100-T | FRACTALZ

2-1/4" square suspended LED luminaire

Project: _____ Type: _____



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

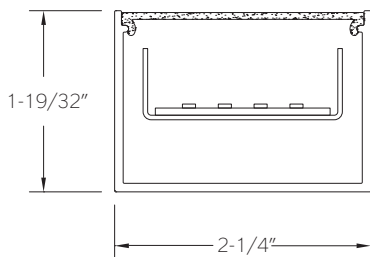
LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L₇₀

Limited five year warranty

UL and C-UL listed for dry and damp locations

SECTION



PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

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



BFZ100-T -

NOMINAL LENGTH

21: 21"
27: 27"
33: 33"
39: 39"
45: 45"
51: 51"

INTERFACE CONFIGURATION A

45I: 45° inward
45O: 45° outward

INTERFACE CONFIGURATION B

45I: 45° inward
45O: 45° outward

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%

LIGHT OUTPUT (lumens per foot)

R: regular - 665
H: high - 1000

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

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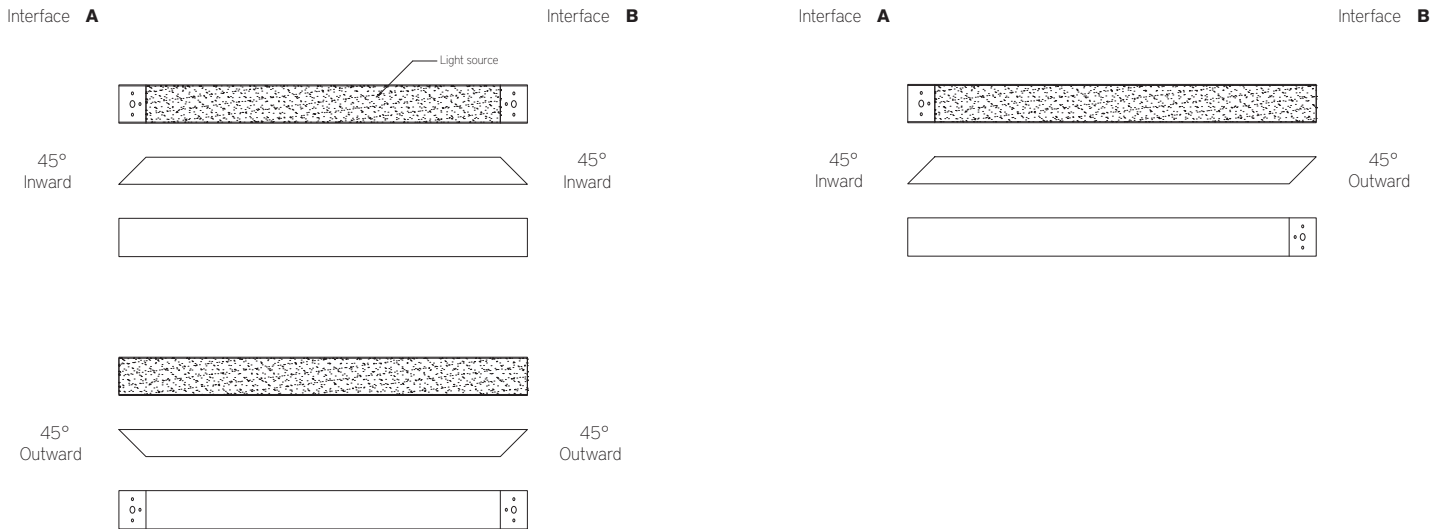
2-1/4" square suspended LED luminaire

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

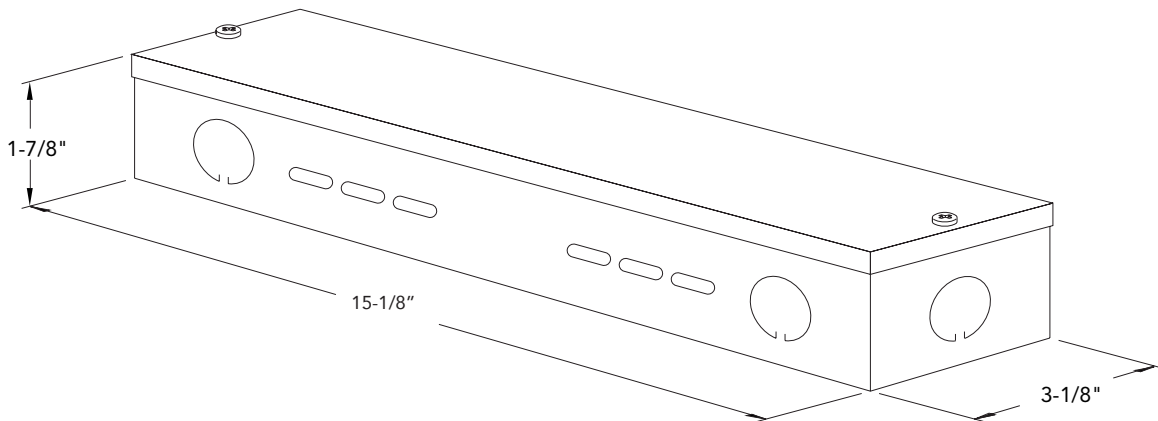
45O: 45° Outward – Fixture end mates to a Fractalz BFZ100-R recessed fixture, wall/ceiling junction box or mounting plate at a 45° angle



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.



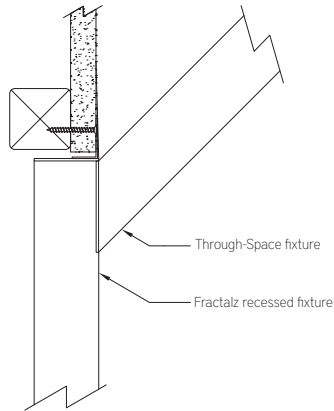
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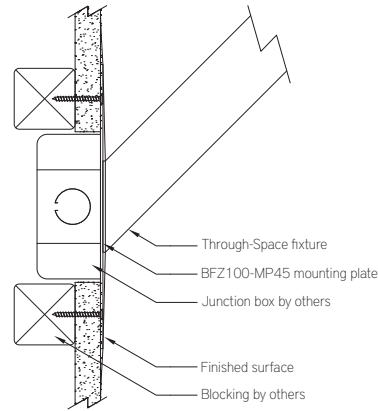
MOUNTING

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

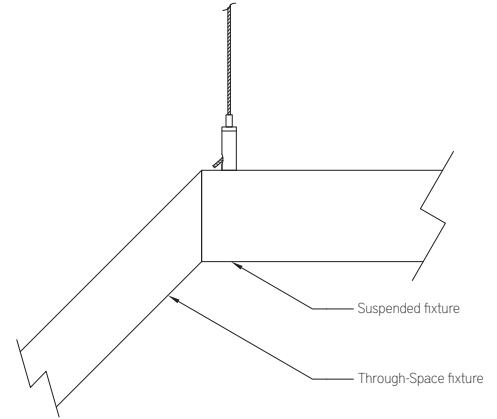
Mounting to BFZ100-R recessed fixture



Mounting to BFZ100-MP45 accessory mounting plate



Mounting to BFZ100-S suspended 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

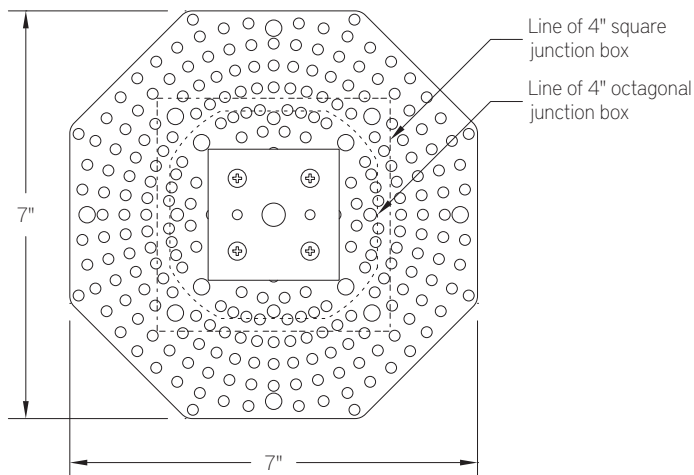
DESCRIPTION

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

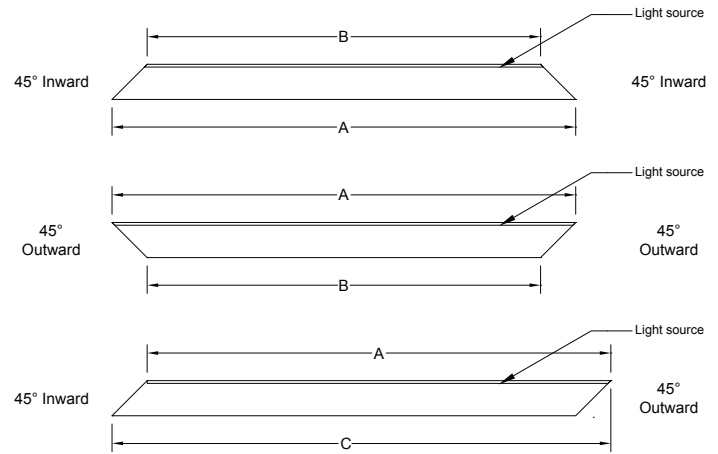


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LENGTH DIMENSIONS

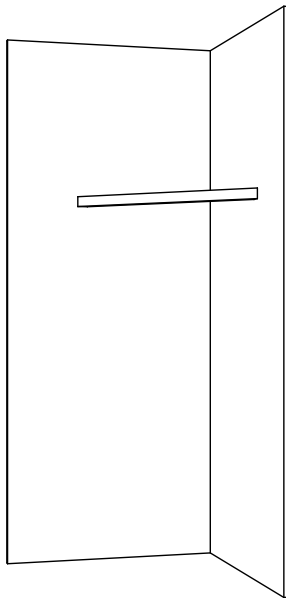
FIXTURE ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
21	21"	17-13/16"	22-19/32"
27	27"	23-13/16"	28-19/32"
33	33"	29-13/16"	34-19/32"
39	39"	35-13/16"	40-19/32"
45	45"	41-13/16"	46-19/32"
51	51"	47-13/16"	52-19/32"



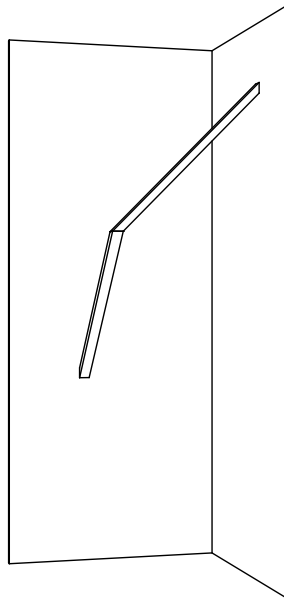
LAYOUT EXAMPLES

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.

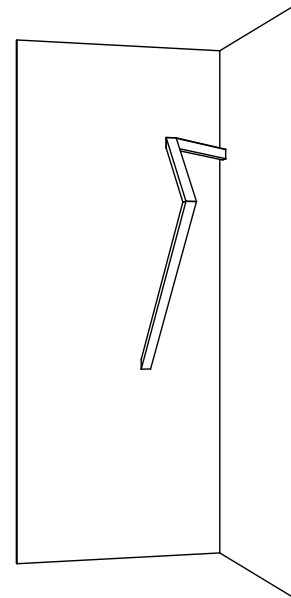
Single Fixture



Two Fixtures



Three Fixtures



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