

BFZ100-T | FRACTALZ GENERAL INFORMATION



Fractalz – 2-1/4" wide projecting linear 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 or the BFZ100-R recessed fixture and spans 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 or the Fractalz Recessed fixture

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

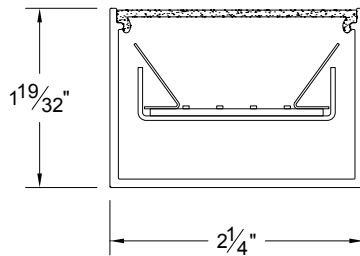
Standard output is 480 lumens per foot

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 80+ CRI typical

LED life rated at 50,000 hours

Limited five year warranty

SECTION



PERFORMANCE

NOMINAL LENGTH	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	480	4.9	2045	97

*Note: All data reflects fixtures with 3500K LEDs



BFZ100-T -

<p>NOMINAL LENGTH</p> <p>21: 21" 27: 27" 33: 33" 39: 39" 45: 45" 51: 51"</p>	<p>INTERFACE CONFIGURATION A</p> <p>45I: 45° inward 45O: 45° outward</p>	<p>INTERFACE CONFIGURATION B</p> <p>45I: 45° inward 45O: 45° outward</p>	<p>CORRELATED COLOR TEMPERATURE</p> <p>27: 2700K-80+ CRI 30: 3000K-80+ CRI 35: 3500K-80+ CRI 40: 4000K-80+ CRI</p>	<p>DRIVER</p> <p>N: non-dimming D: dimming, 0-10V, 10%</p>	<p>FINISH</p> <p>AW: architectural white (semi-matte) WH: white (semi-gloss) BL: black (semi-matte) MB: matte black ESS: environmental satin silver PT: platinum * BZ: bronze PR: primer CF: consult factory for custom finish</p>
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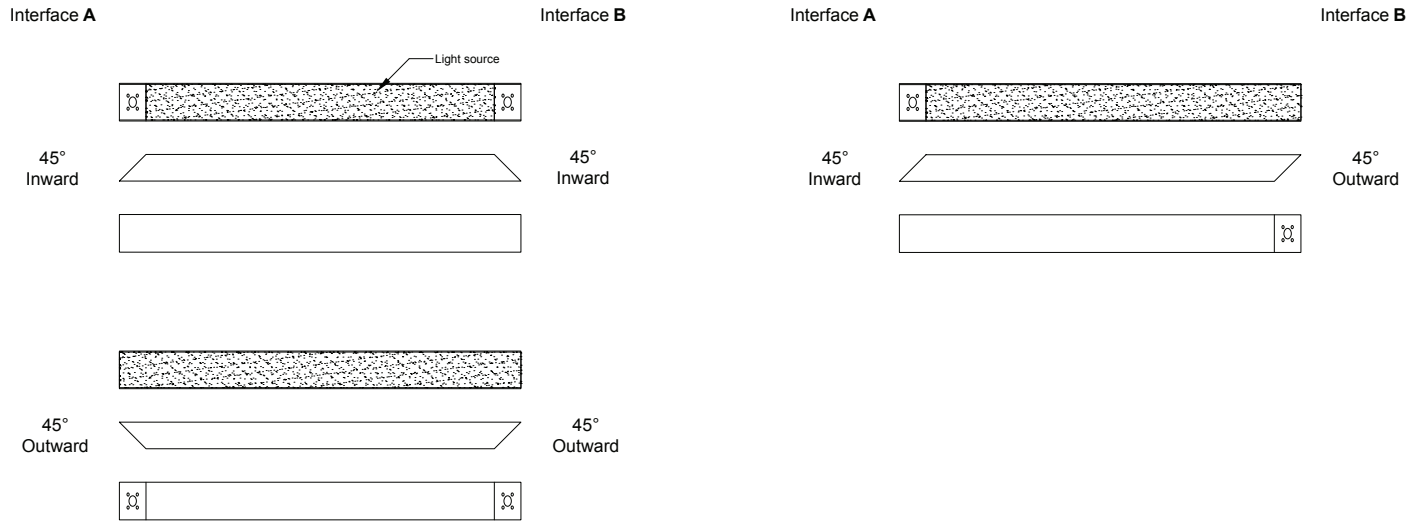
* A standard finish requiring a two step coating process – premium will apply

INTERFACE CONFIGURATIONS Note:

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

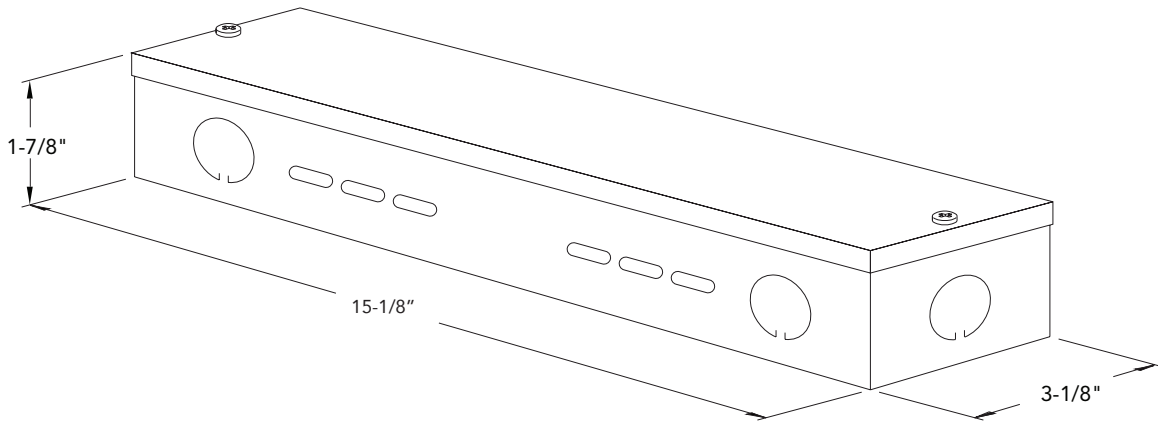
45O: 45° Outward – Fixture end mates to a Fractalz BFZ100-R recessed fixture, wall/ceiling junction box or mounting plate at a 45° angle



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.



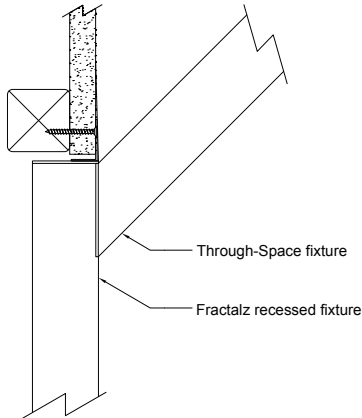
BFZ100-T | *FRACTALZ* GENERAL INFORMATION

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

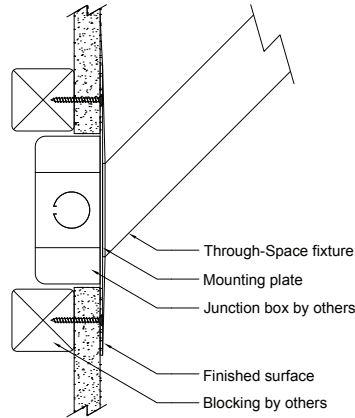
MOUNTING

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



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

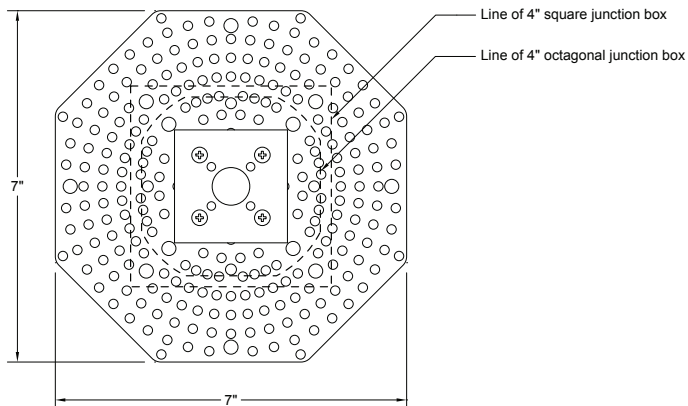
DESCRIPTION

SPECIFICATIONS

BFZ100T-MP45

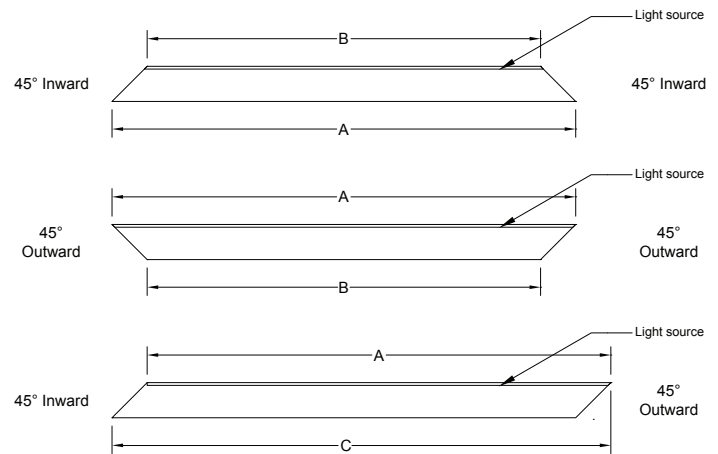
Wall or hard ceiling mounting plate for 45° interface

- 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



LENGTH DIMENSIONS

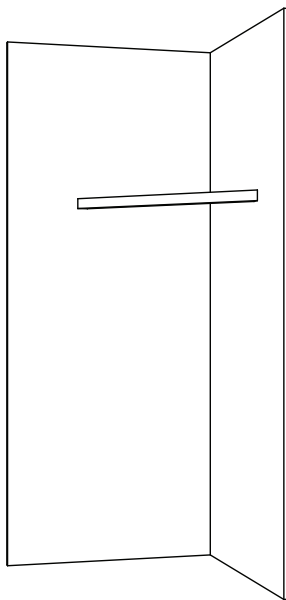
FIXTURE ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
21	21"	17-13/16"	22-19/32"
27	27"	23-13/16"	28-19/32"
33	33"	29-13/16"	34-19/32"
39	39"	35-13/16"	40-19/32"
45	45"	41-13/16"	46-19/32"
51	51"	47-13/16"	52-19/32"



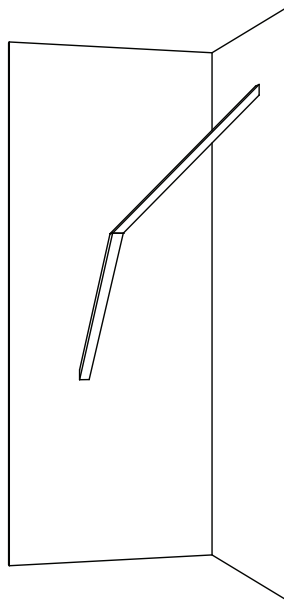
LAYOUT EXAMPLES

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.

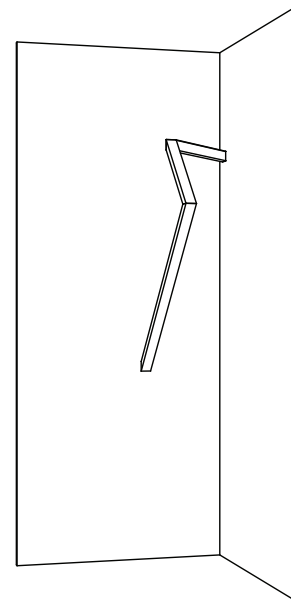
Single Fixture



Two Fixtures



Three Fixtures



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