

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.

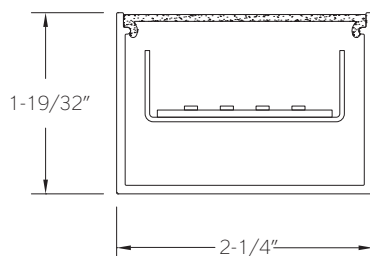
LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical.

Life: 50,000 hours L_{70} .

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	INTERFACE CONFIGURATION A	INTERFACE CONFIGURATION B	CORRELATED COLOR TEMPERATURE	DRIVER	LIGHT OUTPUT (lumens per foot)	FINISH
21: 21"	45I: 45° inward	45I: 45° inward	27: 2700K-90+ CRI	ND: non-dimming	R: regular – 665	AW: architectural white (semi-matte)
27: 27"	45O: 45° outward	45O: 45° outward	30: 3000K-90+ CRI	[Dimming]	H: high – 1000	WH: white (semi-gloss)
33: 33"			35: 3500K-90+ CRI	D: 0-10V, 1%		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

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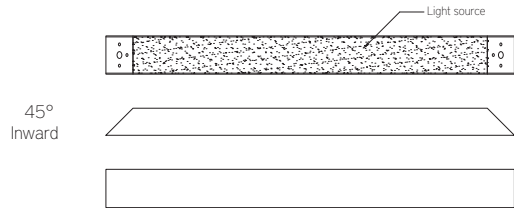
INTERFACE CONFIGURATIONS

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

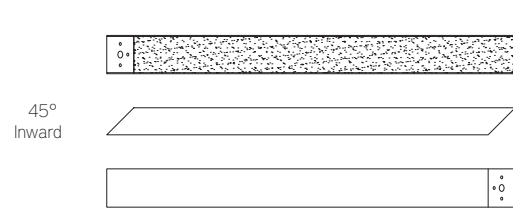
Interface **A**



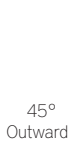
Interface **B**



Interface **A**



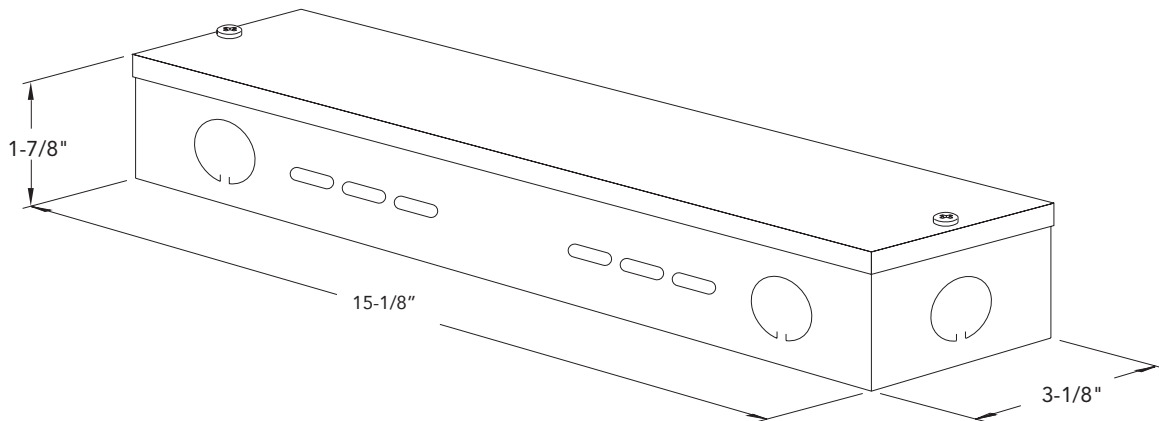
Interface **B**



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.



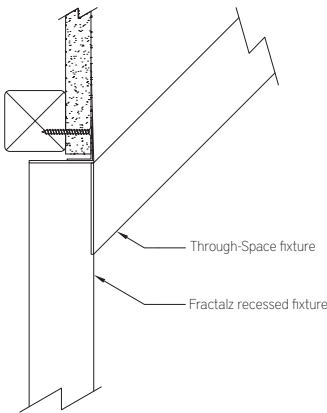
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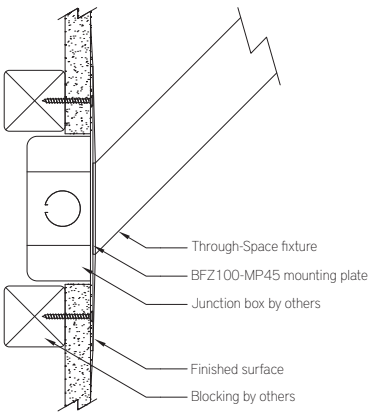
MOUNTING

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

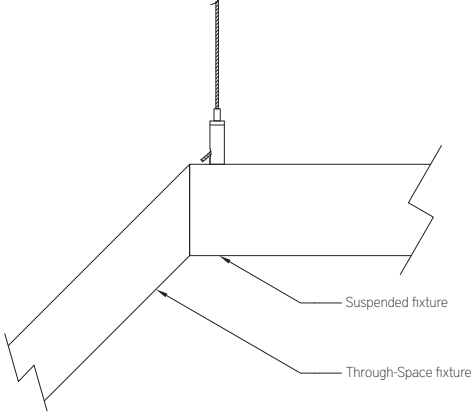
Mounting to BFZ100-R recessed fixture



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

7"

7"

Line of 4" square junction box

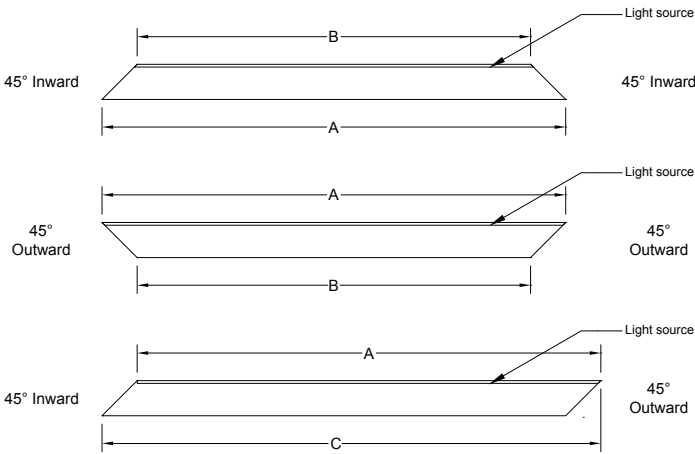
Line of 4" octagonal junction box

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LENGTH DIMENSIONS

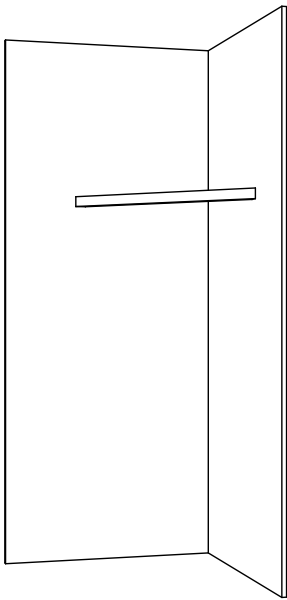
FIXTURE ORDERING CODE	LENGTH A	LENGTH B	LENGTH C
21	21"	17-13/16"	22-19/32"
27	27"	23-13/16"	28-19/32"
33	33"	29-13/16"	34-19/32"
39	39"	35-13/16"	40-19/32"
45	45"	41-13/16"	46-19/32"
51	51"	47-13/16"	52-19/32"



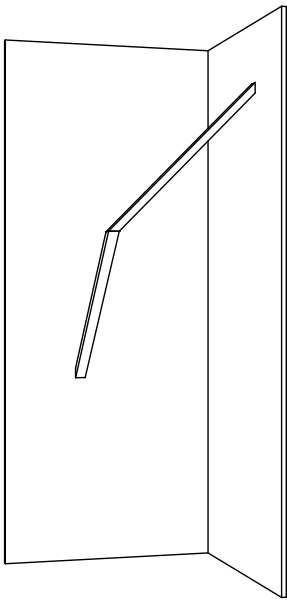
LAYOUT EXAMPLES

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.

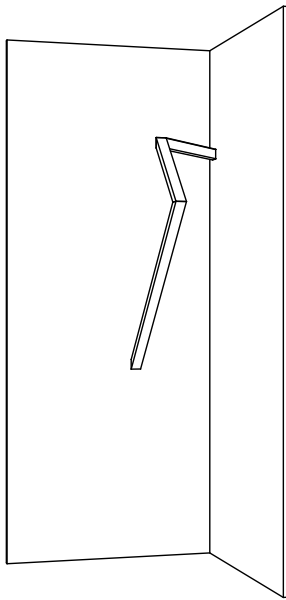
Single Fixture



Two Fixtures



Three Fixtures



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