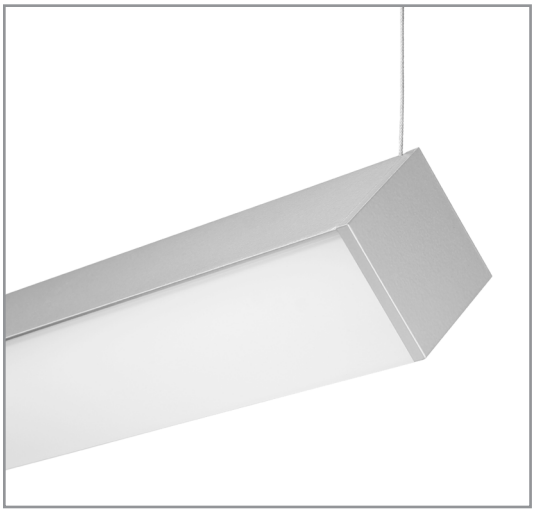
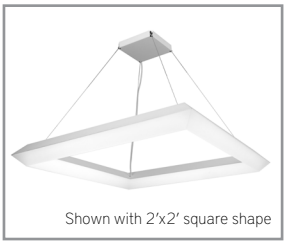
BSS746 | WEDGE

2" diamond profile suspended LED luminaire, remote driver

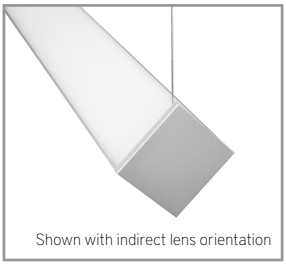
bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____



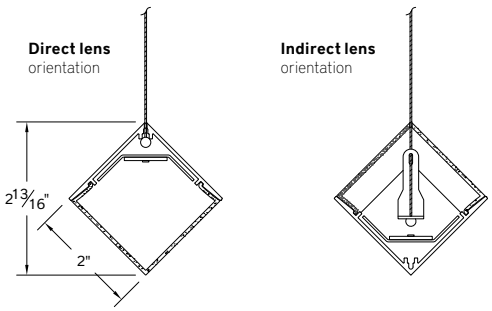


Shown with 2'x2' square shape



Shown with indirect lens orientation

SECTION



FEATURES

The Wedge series BSS746 luminaire puts a spin on the typical linear pendant fixture. The 2" x 2" extruded aluminum housing is suspended from the corner edge, positioning the profile in a diamond shape. The two-sided frosted acrylic lens diffuses light in a broad distribution and can be specified in a direct or indirect orientation. Fixtures are offered in configurations for linear runs and some rectangular shapes. Various remote drivers are available, as are several 90 CRI LED color temperatures and outputs.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, frosted, extruded acrylic lens and machined aluminum end caps.

Standard finishes as shown below.

Available in nominal lengths of 2'–8' single fixtures and continuous runs and four sizes of rectangular shapes.

Wired with 10' low voltage power cable.

Included standard remote 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available).

Remote mounted emergency battery backup available (ordered separately, consult factory for details).

Standard light outputs are 600, 815 or 1240 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

Note: All data reflects fixtures with 3500K LEDs

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	600	5.1	2400	118
	R: regular	815	7.2	3267	114
	H: high	1240	11.6	4961	107

CERTIFIED · Made in USA · BAA Compliant

BSS746 –

___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

SHAPE*

23: straight 22-5/8"
34: straight 33-5/8"
45: straight 44-5/8"
56: straight 55-5/8"
67: straight 66-5/8"
78: straight 77-5/8"
89: straight 88-5/8"
GR22: 2'x2' square
GR24: 2'x4' rectangle
GR44: 4'x4' square
GR48: 4'x8' rectangle
CF: consult factory for custom shape

CORRELATED COLOR TEMPERATURE

27: 2700K-90+ CRI
30: 3000K-90+ CRI
35: 3500K-90+ CRI
40: 4000K-90+ CRI

REMOTE DRIVER

ND: non-dimming
[Dimming]
D: 0-10V, 1%
DTR: triac, 1%, (120V ONLY)
DLV: electronic low voltage, 1%, (120V ONLY)
HES: Lutron EcoSystem, soft-on/fade-to-black, 1%
EL: eldoLED ECOdrive 0-10V, 1%
ES: eldoLED SOLOdrive 0-10V, 0.1%
ELD: eldoLED ECOdrive DALI, 1%
ESD: eldoLED SOLOdrive DALI, 0.1%

LIGHT OUTPUT (lumens per foot)

L: low – 600
R: regular – 815
H: high – 1240
CF: consult factory for custom output

LENS ORIENTATION

D: direct
I: indirect

MOUNT

C4: cable mount 4' cable length
C8: cable mount 8' cable length
CF: consult factory for custom mounting

RUN CONFIG-URATION**

SN: single
ST: starter
AD: adder
TR: terminator

FINISH

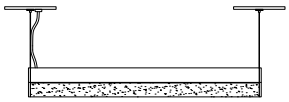
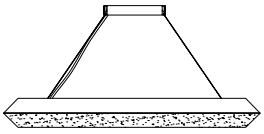
AW: architectural white (semi-matte)
WH: white (semi-gloss)
BL: black (semi-matte)
MB: matte black
ESS: environmental satin silver
BZ: bronze
PR: primer
CF: consult factory for custom finish

SA: satin anodize (may require additional lead time)

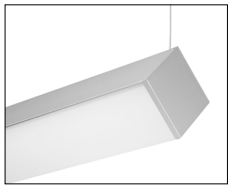
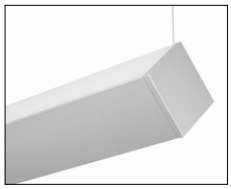
Note: Each fixture includes a remote driver matched for fixture length and light output
* Actual dimension dependent on shape and run configuration
** Not applicable to GRxx rectangle shapes

©2026 Bartco Lighting, Inc. These products are protected by patents and patents pending. Unauthorized use or reproduction of illustrations, photographs or text is prohibited. Bartco Lighting reserves the right to discontinue products or to change the technical and/or design specifications at any time.

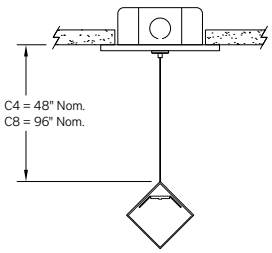
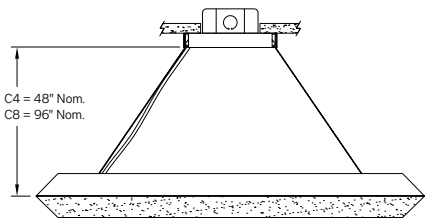
SHAPES

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	23, 34, 45, 56, 67, 78, 89	STRAIGHT FIXTURE	• Available in nominal lengths of 22-5/8", 33-5/8", 44-5/8", 55-5/8", 66-5/8", 77-5/8", 88-5/8" in single fixture or continuous run configurations
	GR22, GR24, GR44, GR48	RECTANGLE	• GR22 (2'x2' nom.), GR24 (2'x4' nom.) and GR44 (4'x4' nom.) options are factory assembled • GR48 (4'x8' nom.) option is assembled in the field

LENS ORIENTATION

	ORDERING CODE	DESCRIPTION
	D	Direct lens orientation
	I	Indirect lens orientation

MOUNTING

	ORDERING CODE	DESCRIPTION
	C4 and C8	CABLE MOUNT Mounting option includes: • Ø 1/32"x 48" (C4) or 96" (C8) aircraft cables • 60" (C4) or 108" (C8) low voltage cable (in coordinating finish) • Bracket bars for straight fixture mounting • Ø 5" white canopies for straight fixture mounting • 1"H x 6"W x 6"L canopy assembly for square and rectangles • Canopy mount cable grippers
		

©2026 Bartco Lighting, Inc. These products are protected by patents and patents pending. Unauthorized use or reproduction of illustrations, photographs or text is prohibited. Bartco Lighting reserves the right to discontinue products or to change the technical and/or design specifications at any time.

BSS746 | WEDGE

2" diamond profile suspended LED luminaire, remote driver

bartco
VISIONS BROUGHT TO LIGHT™

DIMENSIONS

ORDERING CODE	LENGTH A
23	22-1/4"
34	33-1/4"
45	44-1/4"
56	55-1/4"
67	66-1/4"
78	77-1/4"
89	88-1/4"

ORDERING CODE	LENGTH B	LENGTH C
GR22	25-3/8"	25-3/8"
GR24	25-3/8"	49-3/8"
GR44	49-3/8"	49-3/8"
GR48	49-3/8"	97-3/8"

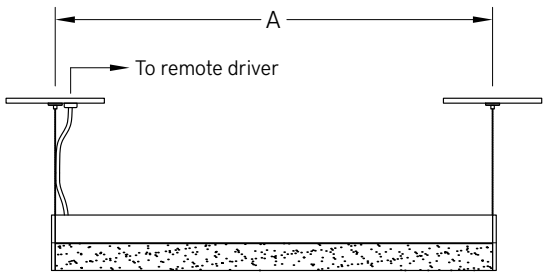
RUN CONFIGURATION INFORMATION

ORDERING CODE*	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

* Not applicable to GRxx rectangle shapes

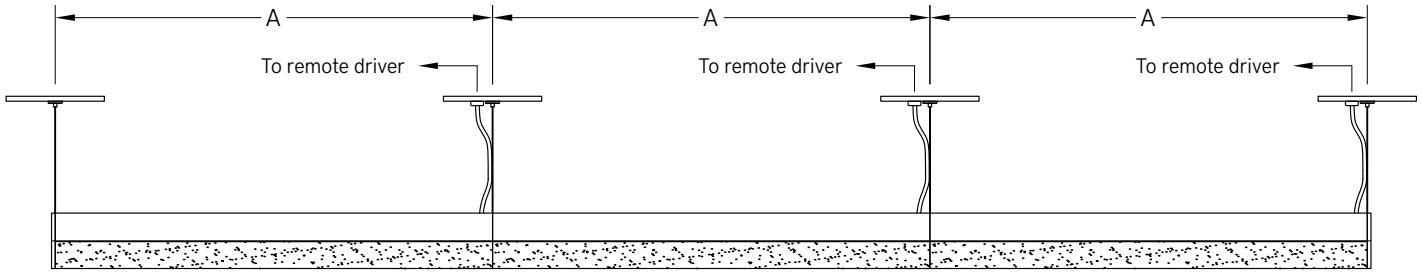
RUN INFORMATION

Side View - Single Fixture



SN

Side View - Continuous Run



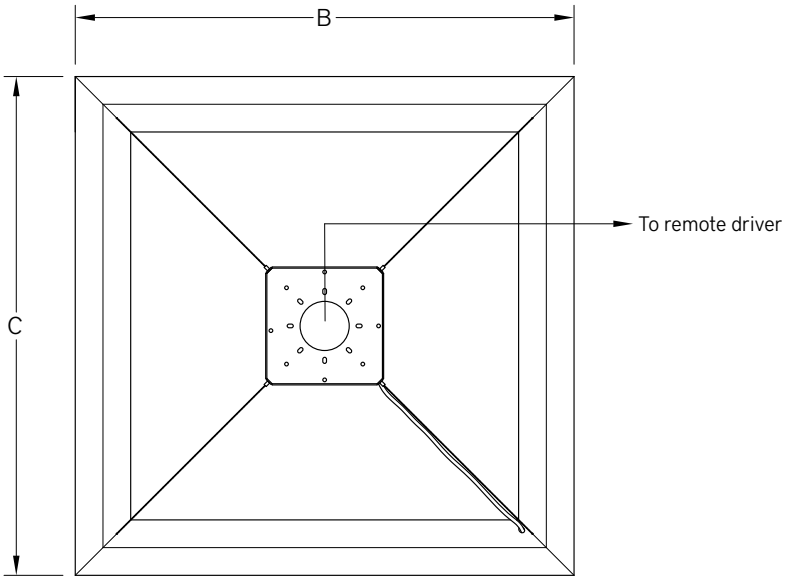
ST AD TR

Note: Dimensions also apply to the Indirect orientation option

©2026 Bartco Lighting, Inc. These products are protected by patents and patents pending. Unauthorized use or reproduction of illustrations, photographs or text is prohibited. Bartco Lighting reserves the right to discontinue products or to change the technical and/or design specifications at any time.

RUN INFORMATION

Plan View - Rectangular Shape



©2026 Bartco Lighting, Inc. These products are protected by patents and patents pending. Unauthorized use or reproduction of illustrations, photographs or text is prohibited. Bartco Lighting reserves the right to discontinue products or to change the technical and/or design specifications at any time.