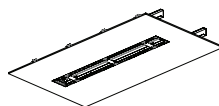
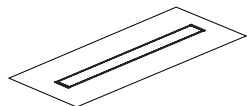
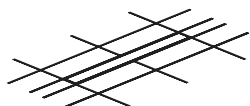




EDGE Evolution3 Wall Wash

INSTALLATION INSTRUCTIONS

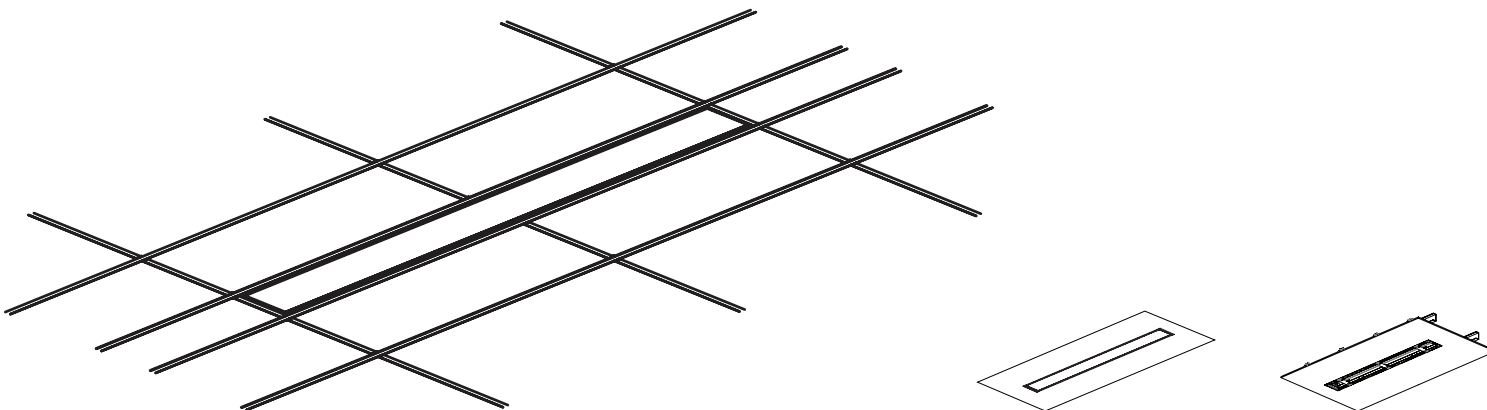
Wall Wash LED Grid Installation	2-5
Wall Wash LED FL Inaccessible	6-9
Wall Wash LED NF Inaccessible	10-13
Wall Wash LED Spackle Flange Mounting	14-17

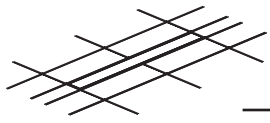




EDGE Evolution3 Wall Wash

LED GRID CEILING
INSTALLATION

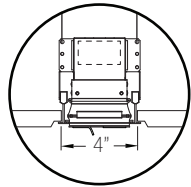
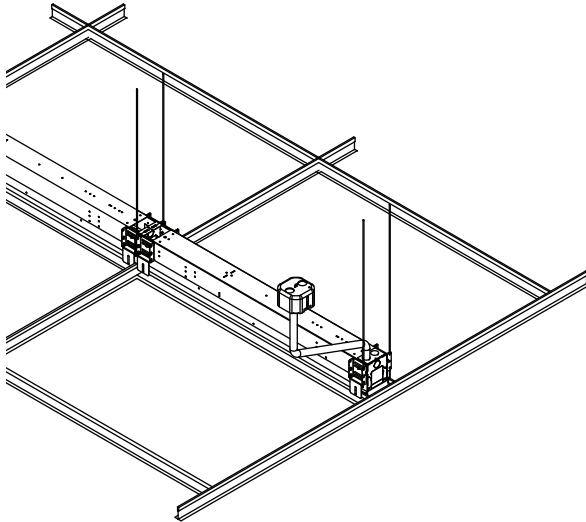




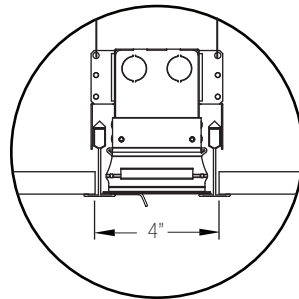
EDGE
EVOLUTION 3

Wall Wash LED Grid Ceiling Installation

[Return to
Main Menu](#)



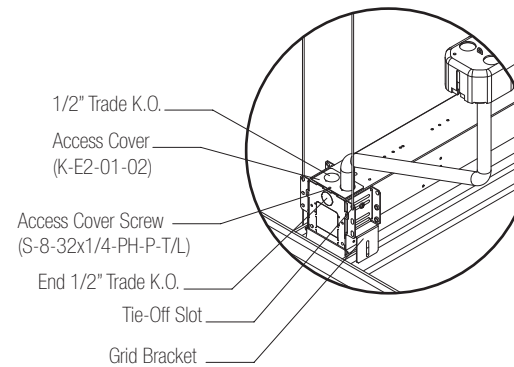
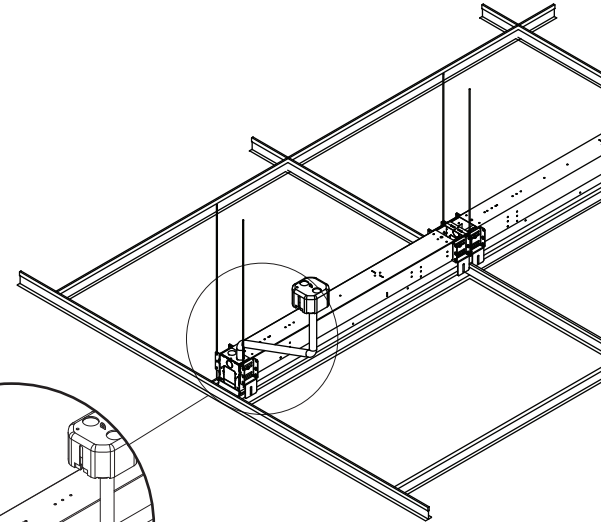
GS Installation



Step 1:

Layout/ Dimensions

1. Layout fixture and T-bar locations, fixtures require secondary mains along the length of the row, both sides.
2. Layout and install junction boxes.
3. Lay first fixture into grid.
4. Tie off fixture to structure.



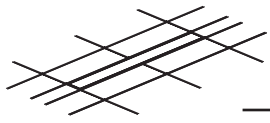
Step 2:

Making the connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fitting.
3. Make electrical connections inside fixture.
4. Replace access cover.



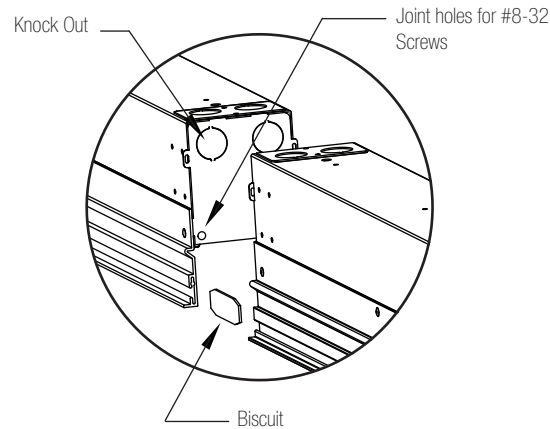
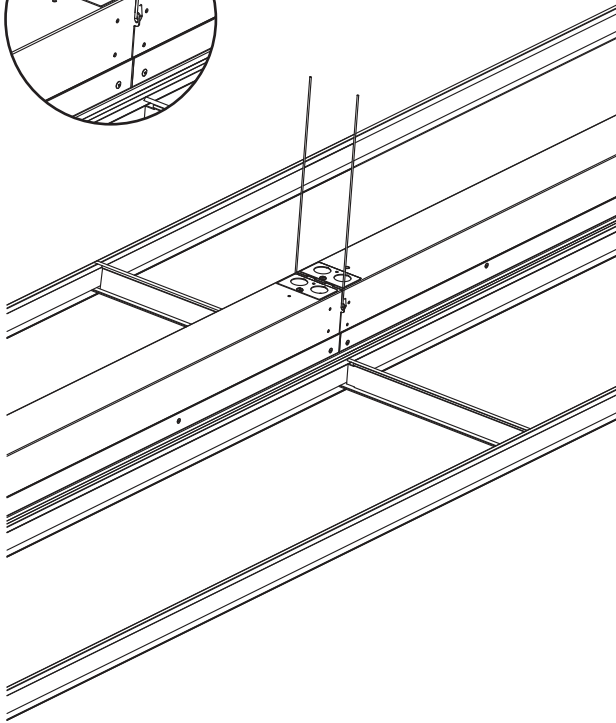
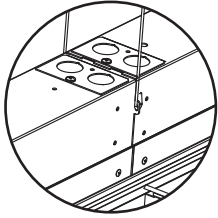
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE
EVOLUTION 3

Wall Wash LED Grid Ceiling Installation

[Return to
Main Menu](#)

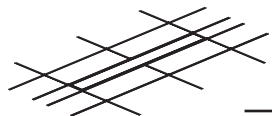


Step 3: Continuous Runs

1. Remove knock-outs between fixtures.
2. Fixtures are through-wired for continuous runs.
3. Install end trim on all non joining ends.
3. Make necessary wiring connections between fixtures.
4. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied #8-32 screws (2).



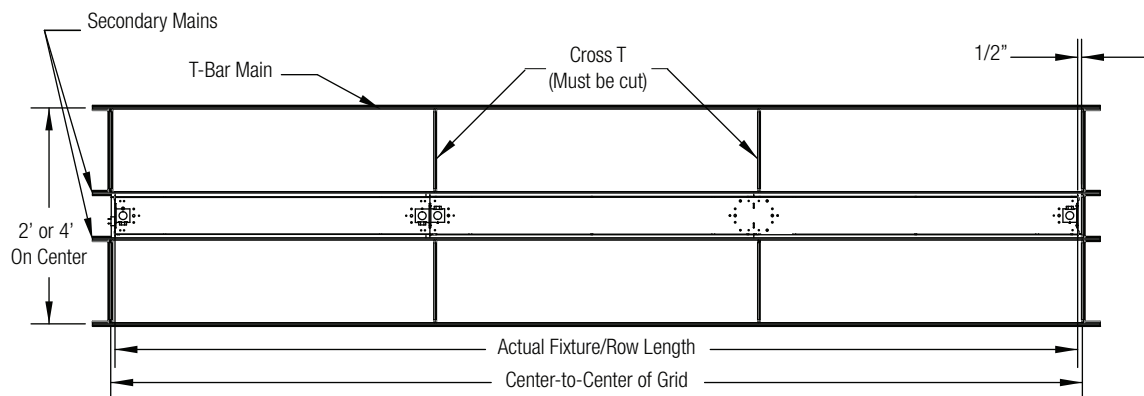
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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE
EVOLUTION 3

Wall Wash LED Grid Ceiling Installation

[Return to
Main Menu](#)



★ Overall fixture or row length for recessed fixtures is 1" less than the center-to-center of the grid to fall "On-Grid" and fit within the T-bar opening.

Fixture	Nominal Fixture length (Bold) Verses Actual Length				
	2'	3'	4'	6'	8'
BOR/INT	xx	xx	48"	72"	96"
EOR/IND	23"	35"	47"	71"	95"

BOR - Beginning of run
INT - Intermediate fixture
EOR - End of run
IND - individual fixture

Row Configuration Notes:

- Actual row lengths may vary from "Nominal".
- The over all rows do fall "On-Grid" and require additional T-Bar "mains" along the length of the row.
- Actual overall row length may be calculated using table above.
- Fixture runs require one (1) EOR/IND fixture in order to fall "On-Grid".
- Battery fixtures have test switch and indicator light remoted (conduit and J-Box by others).

Row Configuration Chart

Nominal Row Length	Actual Row Length	Fixture Units in Row Configuration
2 ft	1' 11"	23"
3 ft	2' 11"	35"
4 ft	3' 11"	47"
5 ft	4' 10"	23" + 35"
6 ft	5' 11"	71"
7 ft	6' 11"	48" + 35"
8 ft	7' 11"	95"
9 ft	8' 11"	72" + 35"
10 ft	9' 11"	72" + 47"
11 ft	10' 11"	96" + 35"
12 ft	11' 11"	96" + 47"
13 ft	12' 11"	72" + 48" + 35"
14 ft	13' 11"	96" + 71"
15 ft	14' 11"	96" + 48" + 35"
16 ft	15' 11"	96" + 95"
17 ft	16' 11"	96" + 72" + 35"
18 ft	17' 11"	96" + 72" + 47"
19 ft	18' 11"	96" + 96" + 35"
20 ft	19' 11"	96" + 96" + 47"
21 ft	20' 11"	96" + 72" + 48" + 35"
22 ft	21' 11"	96" + 96" + 71"
23 ft	22' 11"	96" + 96" + 48" + 35"
24 ft	23' 11"	96" + 96" + 95"
25 ft	24' 11"	96" + 96" + 72" + 35"

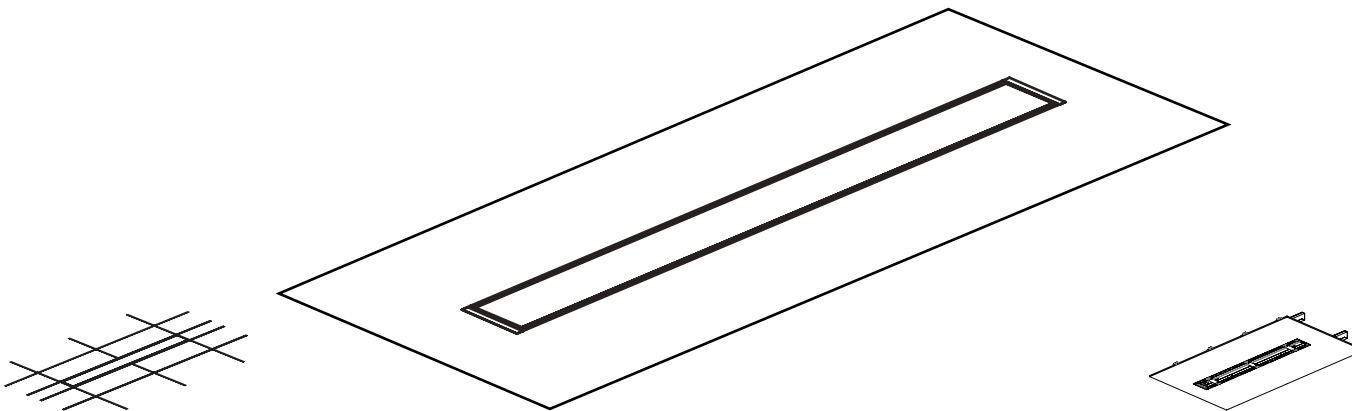


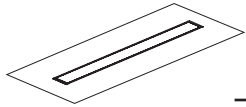
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE Evolution3 Wall Wash

LED FL INACCESSIBLE
INSTALLATION





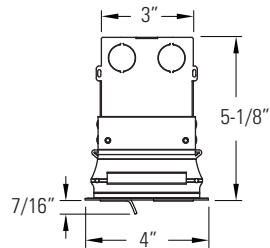
EDGE
EVOLUTION 3

Wall Wash LED Flanged - Inaccessible Installation

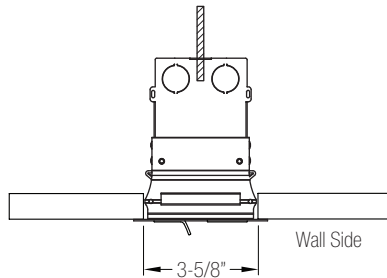
[Return to
Main Menu](#)

★ Do not screw into side of housing. ★

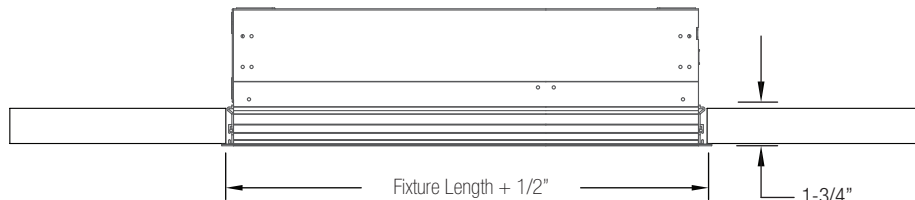
★ Fixture is designed to be installed ★
facing a wall 12"-18" from wall.



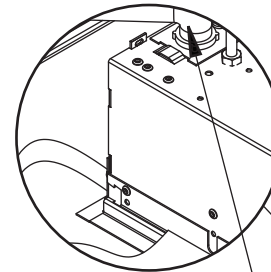
Front View



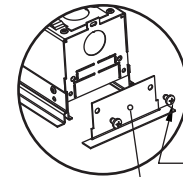
Rough-In



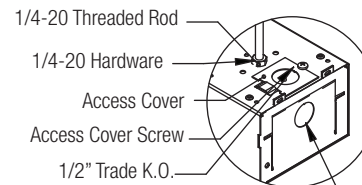
Fixture length can be found on fixture label inside fixture. An "End Trim" may be used as a gauge for ensuring minimum width.



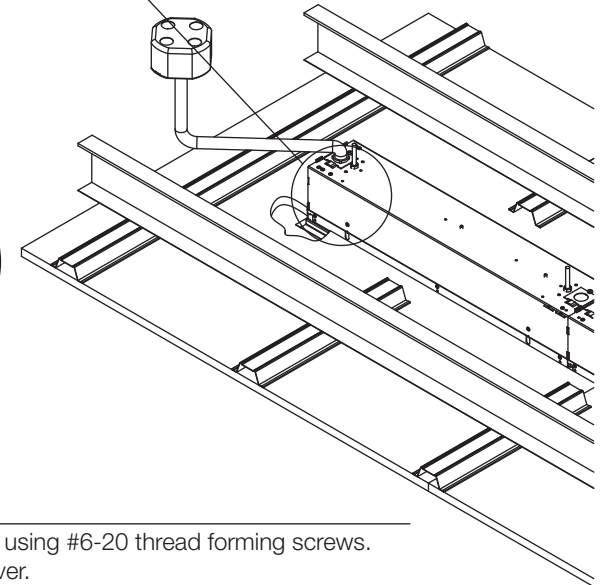
1/2" Trade Conduit
Connector (by others)



#6-20 Thread Forming
screws
End trim
(End Trims come
installed on individual units)



End 1/2" Trade K.O.



Step 1: Layout/ Dimensions

1. Layout fixture and threaded rod locations. (See Page 3)
2. Layout and install junction boxes and whip out below ceiling level.
3. Install 1/4-20 threaded rod to structure.
4. Install ceiling material.
5. Cut out the fixture rough-in.

Step 2: Making the Connections

1. Attach end trim to end fixtures using #6-20 thread forming screws.
2. Remove applicable access cover.
3. Attach conduit to access cover using 1/2" trade fittings.
4. Make electrical connections inside fixture.
5. Replace access cover.



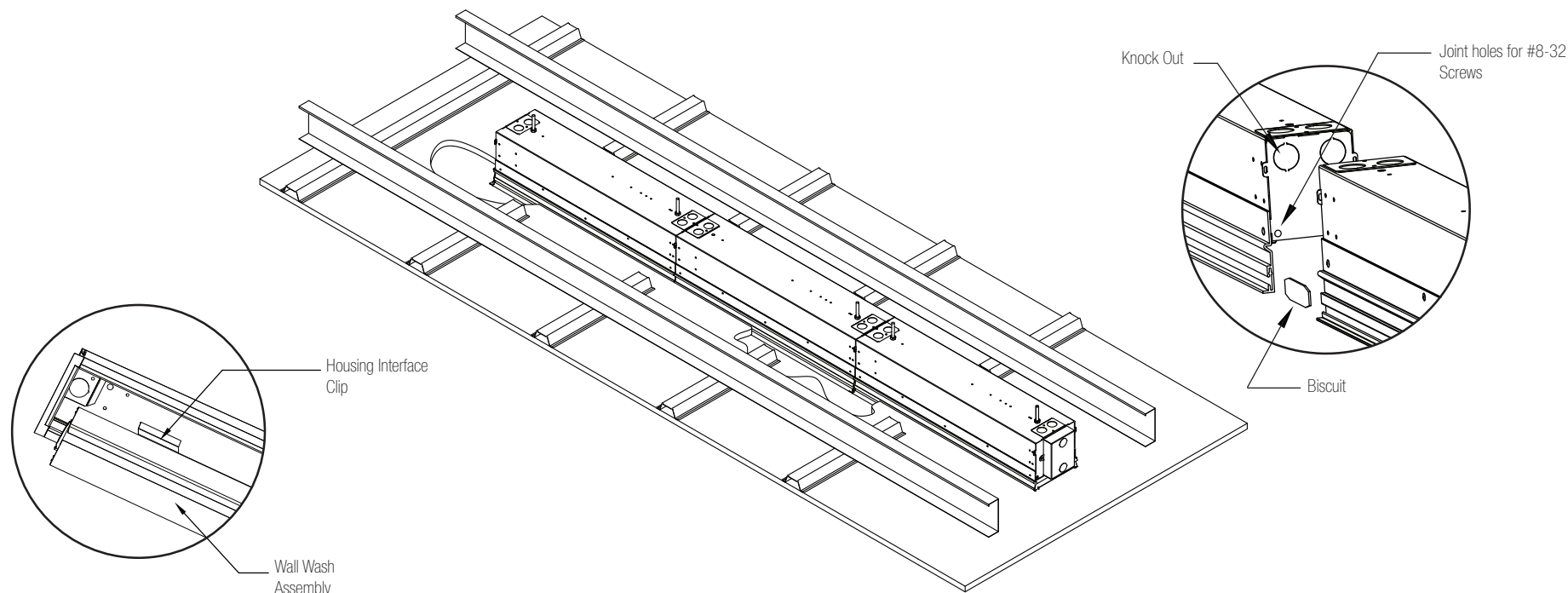
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE
EVOLUTION 3

Wall Wash LED Flanged - Inaccessible Installation

[Return to
Main Menu](#)



Step 3: Individual or First Fixture

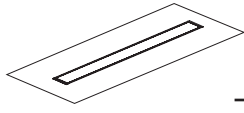
1. Remove Wall Wash Assembly. Assembly pulls out and is tethered to housing.
2. Surface mount fixture through mounting slot to threaded rod.
3. If first fixture, remove end knock outs for through wiring.

Step 4: Continuous Rows

1. Remove wall wash assembly.
2. Fixtures are through-wired for continuous runs.
3. Remove end knock-outs between fixtures.
4. Install end trim on all non joining ends.
5. Lift and rotate fixture into place.
6. Surface mount fixture through mounting slot to threaded rod.
7. Make necessary wiring connections between fixtures.
8. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied #8-32 screws (2).



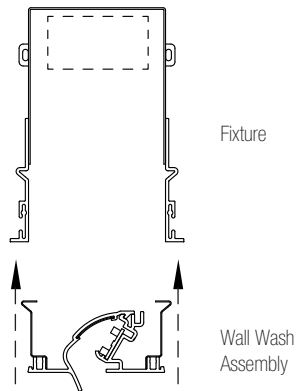
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4. Fixtures must be mounted directly to structure.



EDGE
EVOLUTION 3

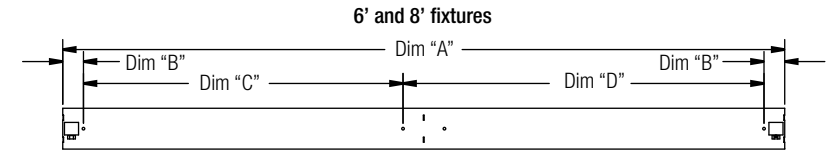
Wall Wash LED Flanged - Inaccessible Installation

[Return to
Main Menu](#)



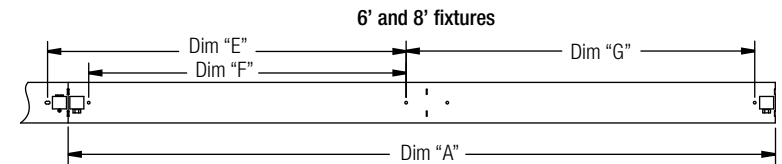
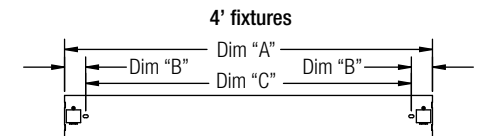
Step 5: Finishing

1. Re-install Wall Wash Assembly. Assembly snaps into housing via clips on side of Assembly. Push spring clips in prior to pushing assembly into housing.



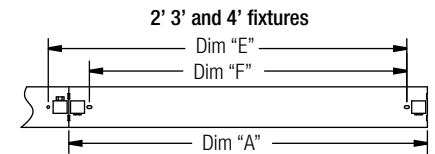
First or Intermediate Fixture

	"A"	"B"	"C"	"D"
8'	96"	2-5/16"	44-1/8"	47-5/16"
6'	72"	2-5/16"	32-1/8"	35-1/4"
4'	48"	2-5/16"	43-3/8"	n/a
"A"	Overall Actual Fixture Length			
"B"	First Rod Location			
"C"	Second Rod Location			
"D"	Third Rod Location (6' and 8' Fixture Only)			



Individual or Final Fixture

	"A"	"E"	"F"	"G"
8'	95"	48-3/4"	44-1/8"	46-1/4"
6'	71"	36-3/4"	32-1/8"	34-1/4"
4'	47"	46"	42-3/8"	n/a
3'	35"	35"	30-3/8"	n/a
2'	23"	23"	18-3/8"	n/a
"A"	Overall Actual Fixture Length			
"E"	First Rod Location			
"F"	Second Rod Location			
"G"	Third Rod Location (6' and 8' Fixture Only)			

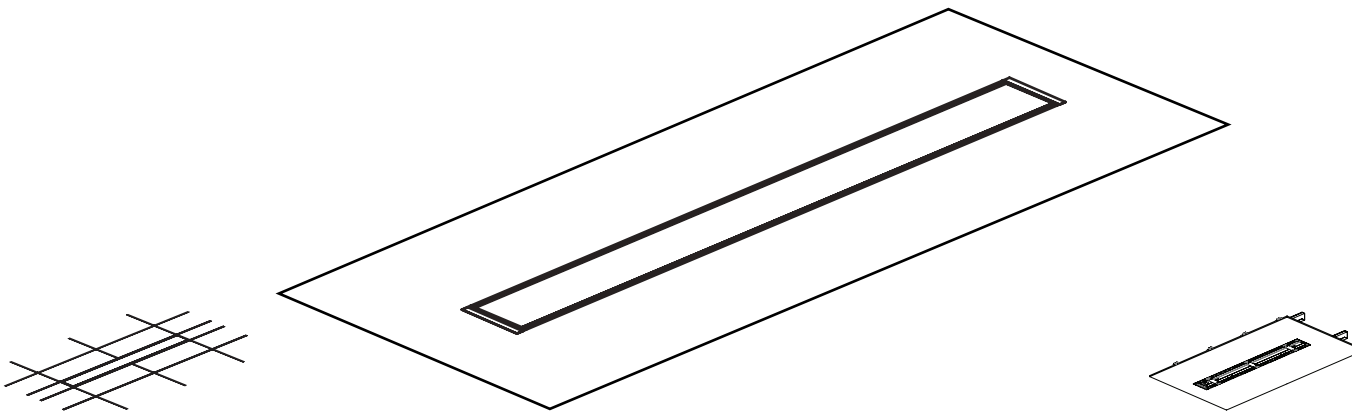


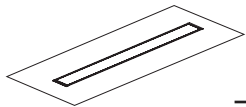
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE Evolution3 Wall Wash

LED NF INACCESSIBLE
INSTALLATION





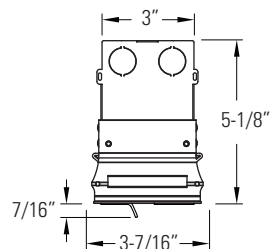
EDGE
EVOLUTION 3

Wall Wash LED Non Flanged - Inaccessible Installation

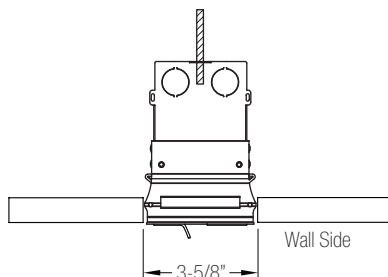
[Return to
Main Menu](#)

★ Do not screw into side of housing. ★

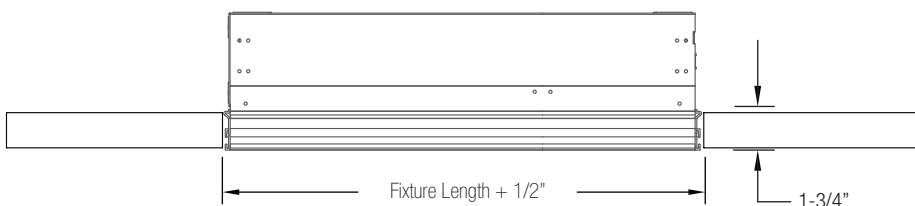
★ Fixture is designed to be installed ★
facing a wall 12"-18" from wall.



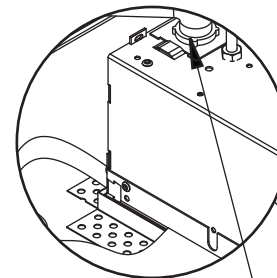
Front View



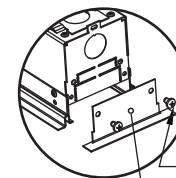
Rough-In



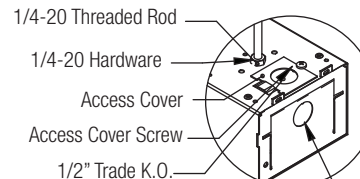
Fixture length can be found on fixture label inside fixture. An "End Trim" may be used as a gauge for ensuring minimum width.



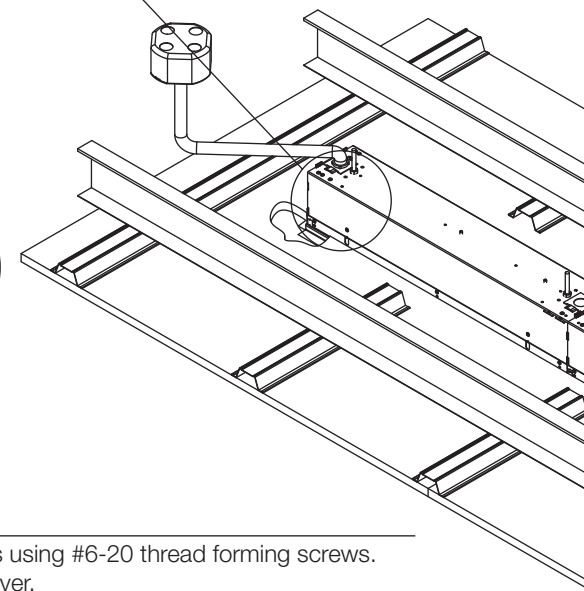
1/2" Trade Conduit
Connector (by others)



#6-20 thread forming
screws
End trim
(End Trims come
installed on individual units)



End 1/2" Trade K.O.



Step 1:

Layout/ Dimensions

1. Layout fixture and threaded rod locations (See Page 3)
2. Layout and install junction boxes and whip out below ceiling level.
3. Install 1/4-20 threaded rod to structure.
4. Install ceiling material.
5. Cut out the fixture rough-in.

Step 2:

Making the Connections

1. Attach end trim to end fixtures using #6-20 thread forming screws.
2. Remove applicable access cover.
3. Attach conduit to access cover using 1/2" trade fittings.
4. Make electrical connections inside fixture.
5. Replace access cover.



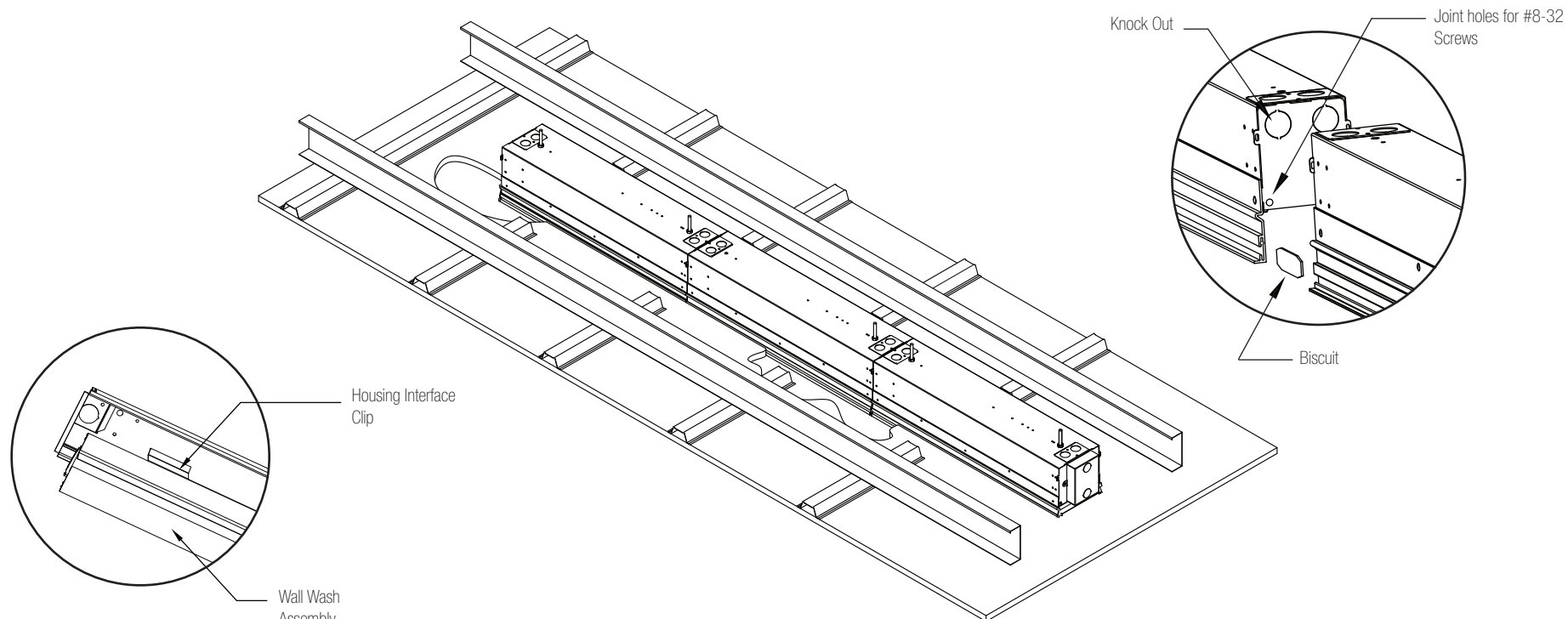
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE
EVOLUTION 3

Wall Wash LED Non Flanged - Inaccessible Installation

[Return to
Main Menu](#)



Step 3:

Individual or First Fixture

1. Remove Wall Wash Assembly. Assembly pulls out and is tethered to housing.
2. Surface mount fixture through mounting slot to threaded rod.
3. If first fixture, remove end knock outs for through wiring.

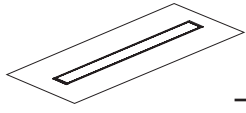
Step 4:

Continuous Rows

1. Remove wall wash assembly.
2. Fixtures are through-wired for continuous runs.
3. Remove end knock-outs between fixtures.
4. Install end trim on all non joining ends.
4. Lift and rotate fixture into place.
5. Surface mount fixture through mounting slot to threaded rod.
6. Make necessary wiring connections between fixtures.
7. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied #8-32 screws (2).



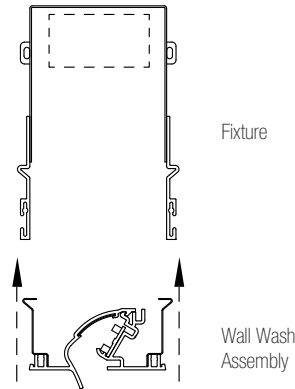
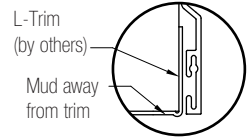
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2. Minimum 90°C supply conductors
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EDGE
EVOLUTION 3

Wall Wash LED Non Flanged - Inaccessible Installation

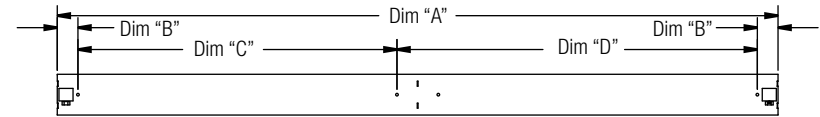
[Return to
Main Menu](#)



Step 5: Finishing

1. Re-install Wall Wash Assembly. Assembly snaps into place via clips on side of Assembly. Push spring clips in prior to pushing into housing.

6' and 8' fixtures

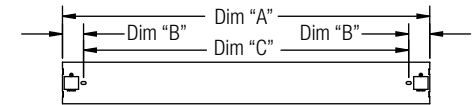


First or Intermediate Fixture

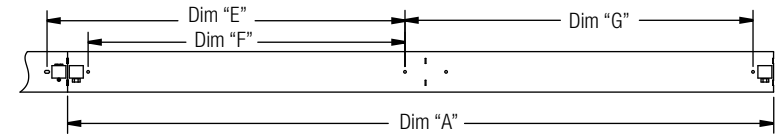
	"A"	"B"	"C"	"D"
8'	96"	2-5/16"	44-1/8"	47-5/16"
6'	72"	2-5/16"	32-1/8"	35-1/4"
4'	48"	2-5/16"	43-3/8"	n/a

"A" Overall Actual Fixture Length
 "B" First Rod Location
 "C" Second Rod Location
 "D" Third Rod Location (6' and 8' Fixture Only)

4' fixtures



6' and 8' fixtures

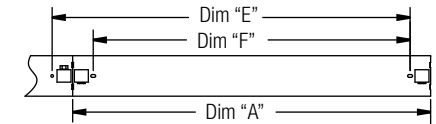


Individual or Final Fixture

	"A"	"E"	"F"	"G"
8'	95"	48-3/4"	44-1/8"	46-1/4"
6'	71"	36-3/4"	32-1/8"	34-1/4"
4'	47"	46"	42-3/8"	n/a
3'	35"	35"	30-3/8"	n/a
2'	23"	23"	18-3/8"	n/a

"A" First Rod Location
 "E" Second Rod Location
 "G" Third Rod Location (6' and 8' Fixture Only)

2' 3' and 4' fixtures

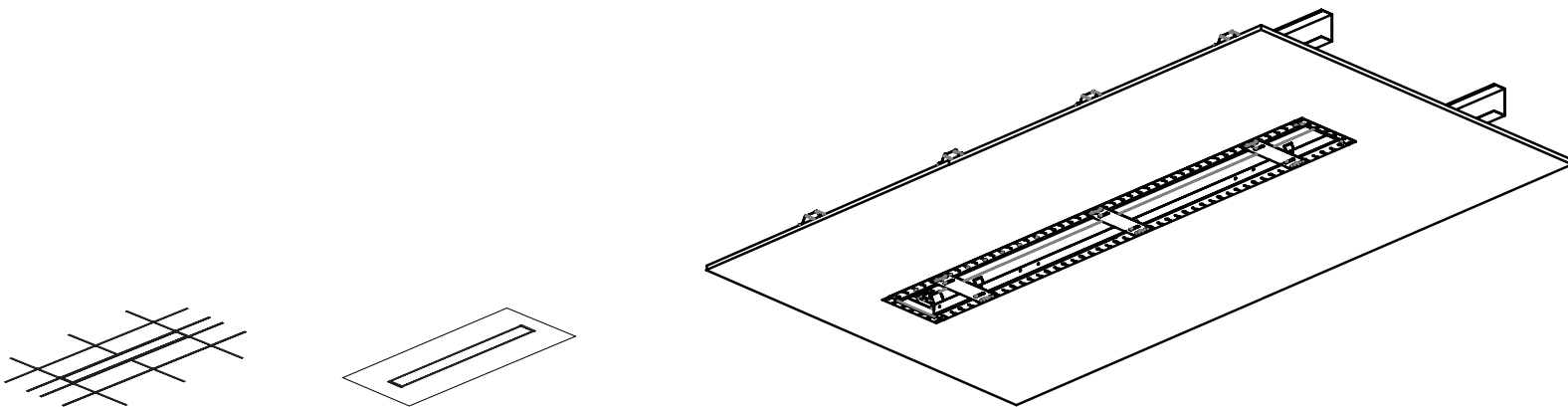


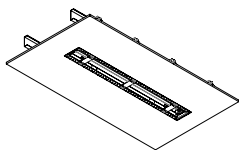
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



EDGE Evolution3 Wall Wash

SPACKLE FLANGE
INSTALLATION





EDGE
EVOLUTION 3

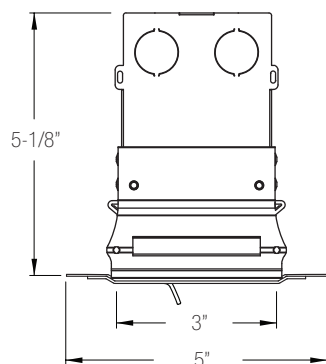
Wall Wash LED Spackle Flange Mounting

[Return to
Main Menu](#)

SUGGESTED LEVEL 5 DRYWALL FINISH

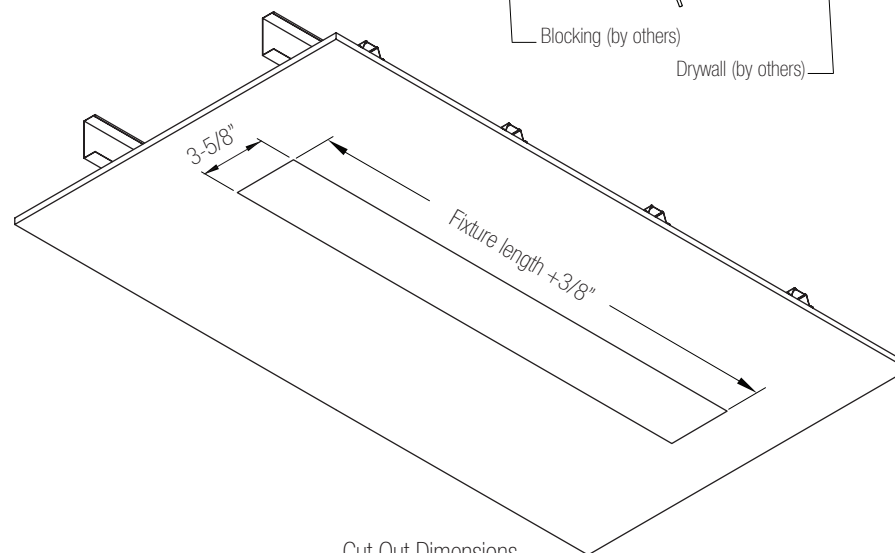
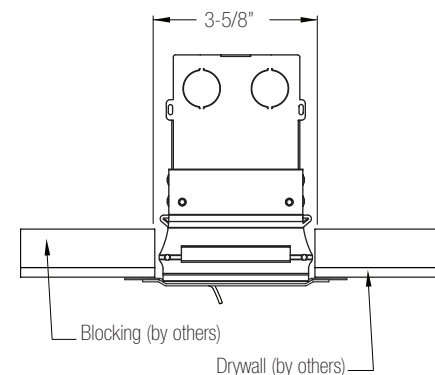
*** DO NOT SCREW INTO SIDE OF HOUSING *
DO NOT REMOVE CROSS BRACKETS
UNTIL FIXTURE IS INSTALLED**

*** Fixture is designed to be installed *
facing a wall 12"-18" from wall.**



Front View

Recommended opening = 3-5/8"



Cut Out Dimensions

Note: Fixture length may
be found on fixture label
inside fixture.

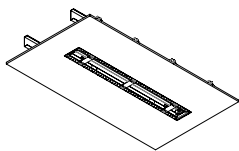
Step 1:

Layout/ Dimensions

1. Layout fixtures and blocking locations.
2. Layout and install junction boxes and whip out.
3. Install blocking to structure using rough in dimensions.
4. Install ceiling material.
5. Cut out the fixture/row rough-in.



1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.

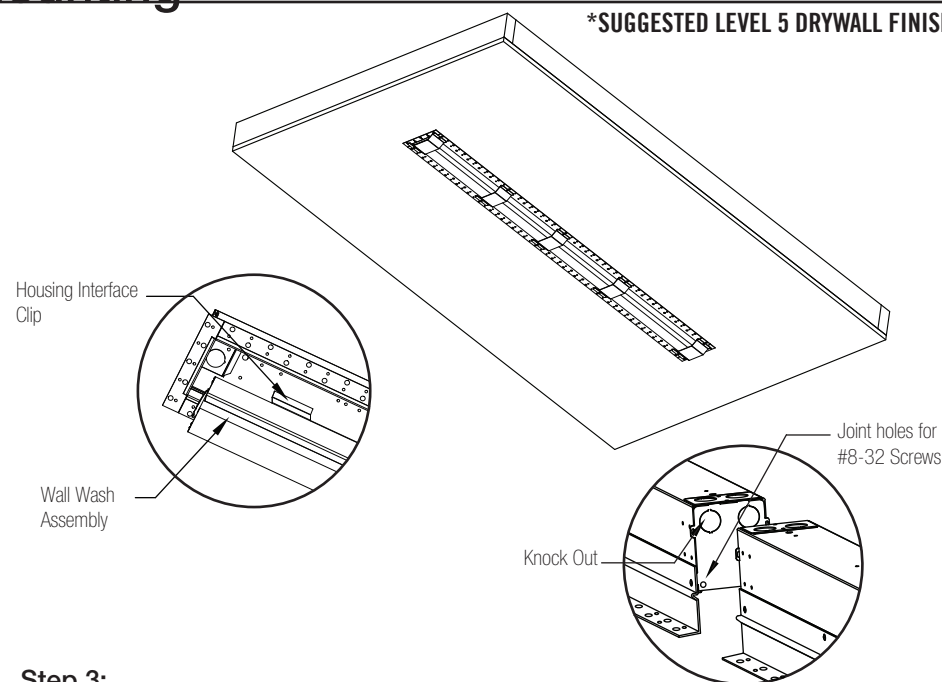
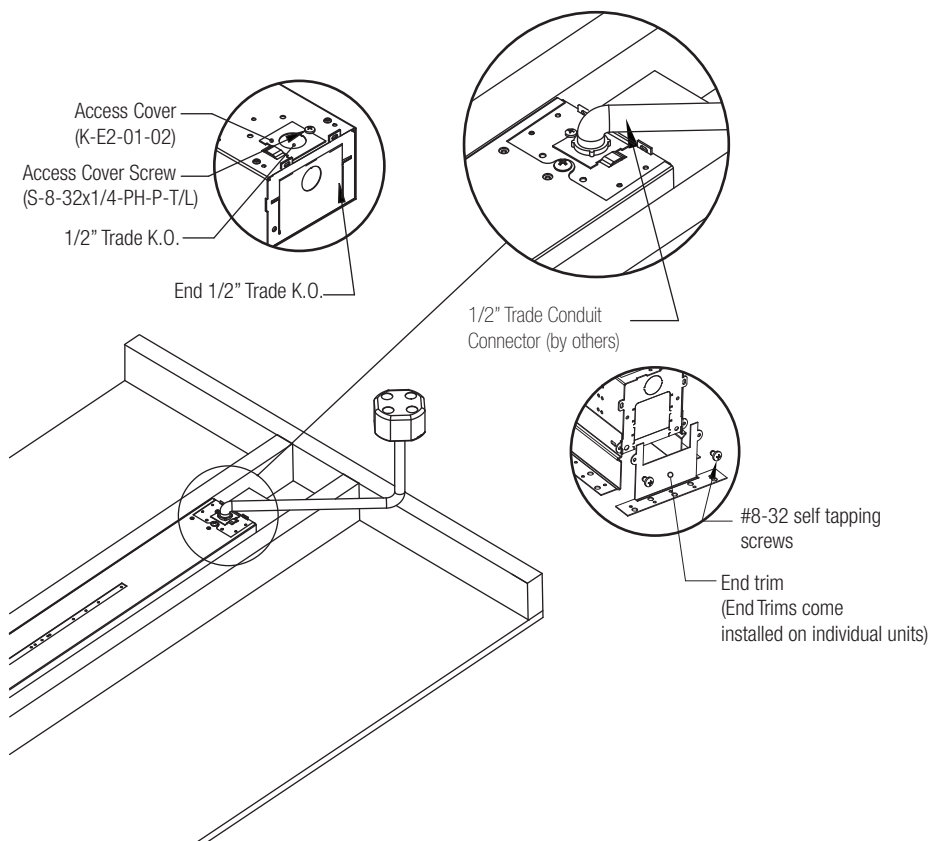


EDGE
EVOLUTION 3

Wall Wash LED Spackle Flange Mounting

[Return to
Main Menu](#)

SUGGESTED LEVEL 5 DRYWALL FINISH



Step 2:

Making the Connections

1. Attach end trim to end fixtures using #8-32 self tapping screws.
2. Remove applicable access cover.
3. Attach conduit to access cover using 1/2" trade fittings.
4. Replace access cover.

Step 3:

Mounting

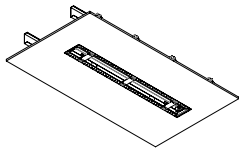
1. Position fixture in roughed and blocked in opening.
2. Mount the fixture in place by putting a screw in behind each cross bracket along the length of the fixture (each side) and two on each end flange.
3. Once mounted remove cross brackets and discard.
4. Remove Wall Wash Assembly to wire to building power.

For Continuous Runs

1. Remove end knock-outs between fixtures.
2. Install end trim on all non joining ends.
3. Lift and rotate fixtures into place and secure fixture using mounting hardware.
4. Mount fixture in place by putting a screw behind each cross bracket (each side) along the length of the fixture.
5. Remove cross brackets and discard.
6. Remove Wall Wash Assembly and make necessary wiring connections between fixtures.
7. Align fixtures using supplied biscuits secure together using supplied #8-32 screws.



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4. Fixtures must be mounted directly to structure.

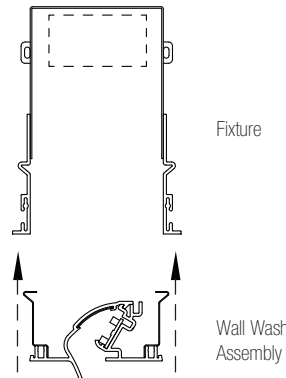
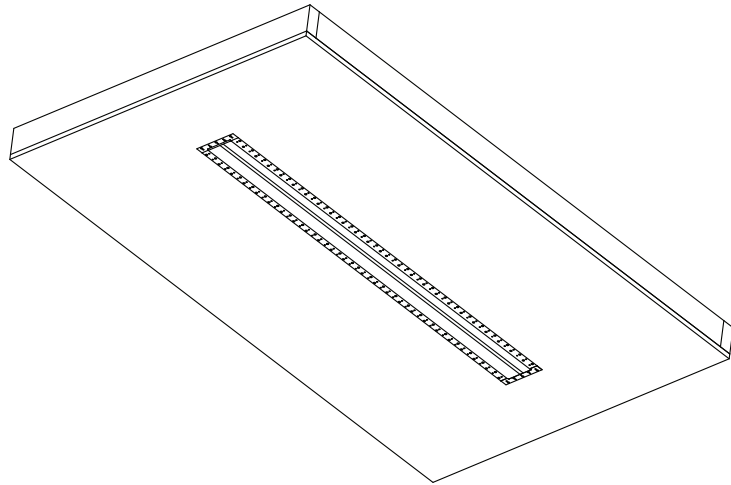


EDGE
EVOLUTION 3

Wall Wash LED Spackle Flange Mounting

[Return to
Main Menu](#)

SUGGESTED LEVEL 5 DRYWALL FINISH



Row Configuration Notes:

EOR/IND fixtures are less than nominal in length.

Row configurations shown are standard.

Non-standard row configurations may be specified for your project and will be shown on a project submittal. Overall row lengths and rough-in lengths will be shown on the submittal. Standard rows for project typically do not have submittal drawings.

All fixtures are modular and may be used in any location (except special circuits or battery packs)

Special circuit fixtures should be installed in the locations specified.

In general, installation is assumed to use the largest fixture first, followed by the next largest, etc.

Add 1/4" to overall row length for rough-in.

Battery fixtures have test switch and indicator light remoted (conduit and J-Box by others).

All fixtures through-wired for specified circuits. Quick connects provided between fixtures.

Fixtures are manufactured so that the fixture label (located on reflector) is closest to the start of the row. Subsequent fixtures are installed with the label closest to the previous fixture.

BOR - Beginning of Run, INT - Intermediate Fixture, EOR - End of Run, IND - Individual Fixture

Row Configuration Chart

Nominal Row Length	Actual Row Length	Fixture Units in Row Configuration
2 ft	1' 11"	23'
3 ft	2' 11"	35'
4 ft	3' 11"	47'
5 ft	4' 10"	35' + 23'
6 ft	5' 11"	71'
7 ft	6' 11"	48' + 35'
8 ft	7' 11"	95'
9 ft	8' 11"	72' + 35'
10 ft	9' 11"	72' + 47'
11 ft	10' 11"	96' + 35'
12 ft	11' 11"	96' + 47'
13 ft	12' 11"	72' + 48' + 35'
14 ft	13' 11"	96' + 71'
15 ft	14' 11"	96' + 48' + 35'
16 ft	15' 11"	96' + 95'
17 ft	16' 11"	96' + 72' + 35'
18 ft	17' 11"	96' + 72' + 47'
19 ft	18' 11"	96' + 96' + 35'
20 ft	19' 11"	96' + 96' + 47'
21 ft	20' 11"	96' + 72' + 48' + 35'
22 ft	21' 11"	96' + 96' + 71'
23 ft	22' 11"	96' + 96' + 48' + 35'
24 ft	23' 11"	96' + 96' + 95'
25 ft	24' 11"	96' + 96' + 72' + 35'

Step 4: Finishing

1. Replace Wall Wash Assembly. Assembly snaps into place via clips on side of Assembly. Push in spring clips prior to pushing into housing.

Nominal Fixture Length Versus Actual Length

Fixture	2'	3'	4'	6'	8'
BOR/INT	XX	XX	48"	72"	96"
EOR/IND	23"	35"	47"	71"	95"

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4. Fixtures must be mounted directly to structure.



Designed and Fabricated in Denver Colorado

Phone: 303.322.5570

www.pinnacle-ltg.com

EV3_Wall Wash_Booklet_DEC2015

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