

Thinline Recessed 3.18

delviro energy

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DATE:	FIXTURE:
QTY:	CLIENT/ PROJECT:



Thinline 3.18

Recessed

Product Features

- Aluminum housing, 3.18" wide
- Recessed lighting
- Lengths: 2', 4', 6', 8'
- Continuous run option
- Polycarbonate frosted lens
- Louver lens option
- Wall Wash optic available
- Standard Grey, White, and Black
- Custom finishes available
- Designed and manufactured in North America



**10 Year
Warranty**

Specifications

Efficacy:
98 Lm/W

CRI:
80+

Color Temperature:
3000K, 3500, 4000K, 5000K

Lumen Maintenance:
200,000+ Life Hours (L70)

Voltage:
120/277V | 347V
480V - Consult Factory

Watts/ft:
2.5W, 3.5W, 5W, 7.5W, 10W

Control Options:
0-10V Dimming, DMX, DALI,
Wireless

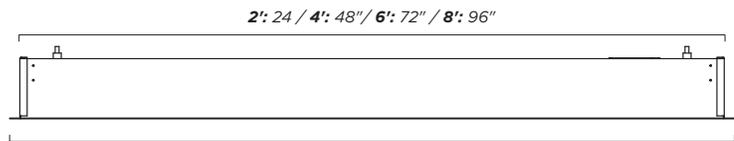
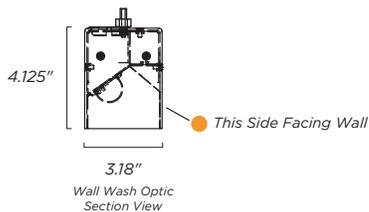
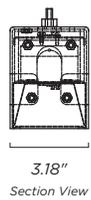
Operating Temperature:
-20°C to +40°C

Mounting:
Drywall without Trim, Drywall
with Trim, Spackle Flange

Wiring Options:
Black, White, and Grey Flexible
Cord, 3 and 5 Conductor Wire

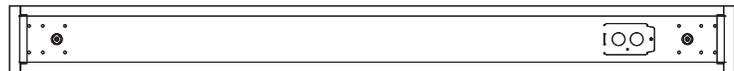
Accessories:
10kV Surge protection,
0-10 - 1% Dim to Off Driver

Dimensions

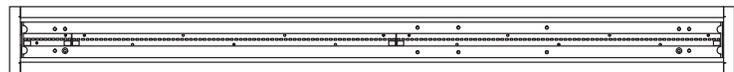


2': 25.5" / 4': 49.5" / 6': 73.5" / 8': 97.5"

Side
Length with Trim



Top



Bottom

Note: Not all products are qualified on the DLC QPL.

To view our DLC qualified products, please consult the DLC qualified products list at www.designlights.org/qpl.

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Output Performance

Table

Watts/ft	Delivered Lumens/ft
2.5	250
3.5	350
5	500
7.5	750
10	1000

Power in Continuous Run

Voltage	Power
120V	1200W
240V	2400W
277V	2500W
347V	2500W

Custom Output Packages

Step 1:

Select Model:

2', 4', 6', 8'

Step 2:

Select:

Watts/ft - Delivered lumens/ft

Sample Output Package: Thinline 8', 10W/ft - 1000 Delivered lumens/ft yields: 80W and 8000 Lumens

* Watts per foot available on all lengths

* LPW with frosted lens

Model	Watts/ft	Delivered Lumens/ft	Yields	Watts	Delivered Lumens
DTL 2'	2.5	250		5	500
	3.5	350		7	700
	5	500		10	1000
	7.5	750		15	1500
	10	1000		20	2000

Model	Watts/ft	Delivered Lumens/ft	Yields	Watts	Delivered Lumens
DTL 4'	2.5	250		10	1000
	3.5	350		14	1400
	5	500		20	2000
	7.5	750		30	3000
	10	1000		40	4000

Model	Watts/ft	Delivered Lumens/ft	Yields	Watts	Delivered Lumens
DTL 6'	2.5	250		15	1500
	3.5	350		21	2100
	5	500		30	3000
	7.5	750		45	4500
	10	1000		60	6000

Model	Watts/ft	Delivered Lumens/ft	Yields	Watts	Delivered Lumens
DTL 8'	2.5	250		20	2000
	3.5	350		28	2800
	5	500		40	4000
	7.5	750		60	6000
	10	1000		80	8000

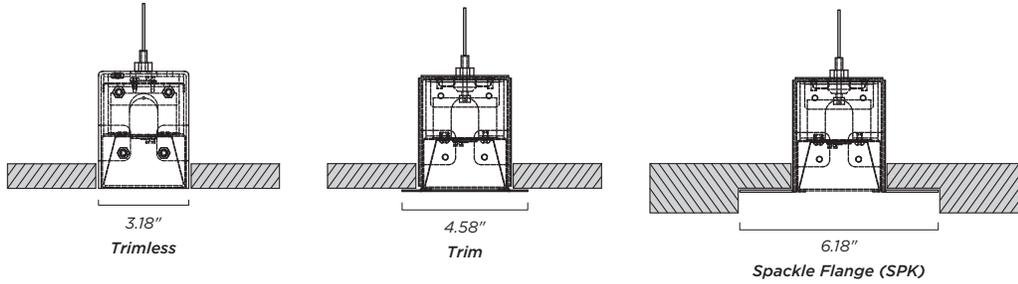
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Trim Options

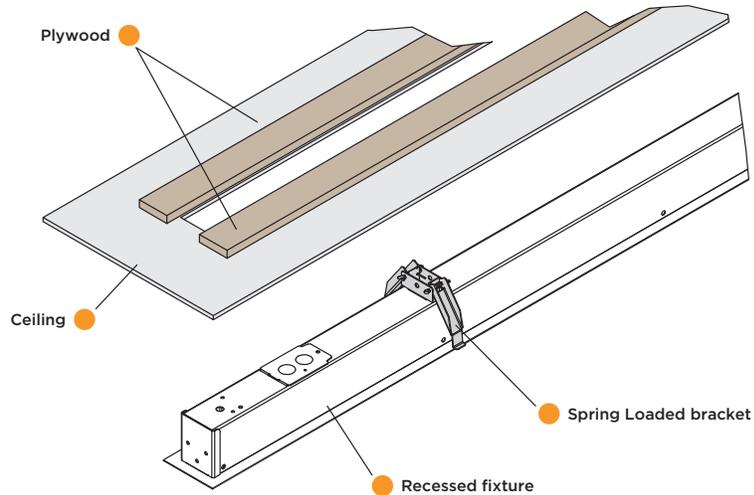


Ceiling 

Installation - Drywall With Trim

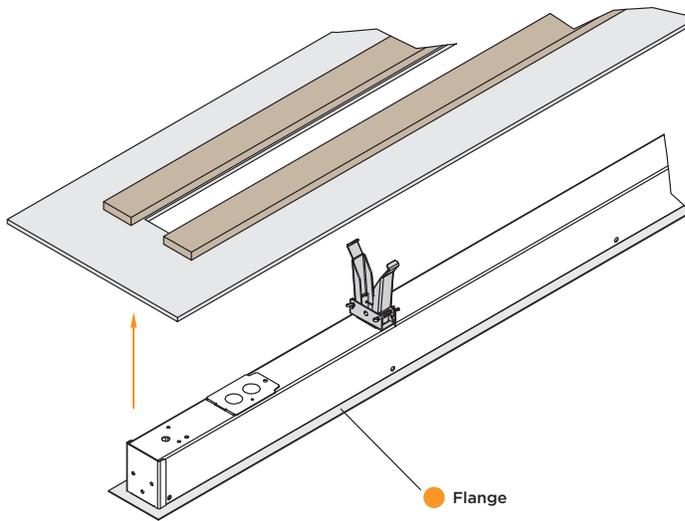
Steps:

1. Prepare the opening in the ceiling and add 2 plywood strips on the length to a total thickness of minimum 0.075", and secure them to the ceiling. The plywood strip should be at least 2" wide.

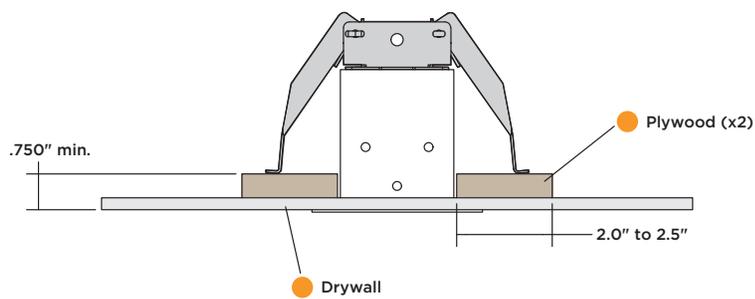


Installation - Drywall With Trim *cont.*

2. Raise the arms of the spring-loaded bracket and slide in the opening. Release arms once the pass thru the opening and continue pushing the fixture up until the flange has reached the ceiling.

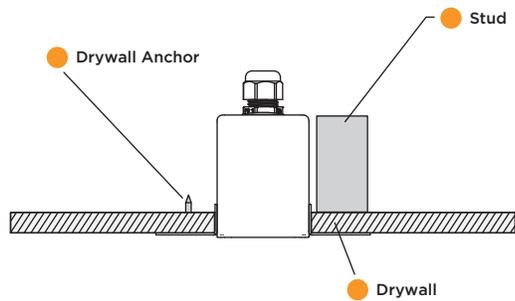
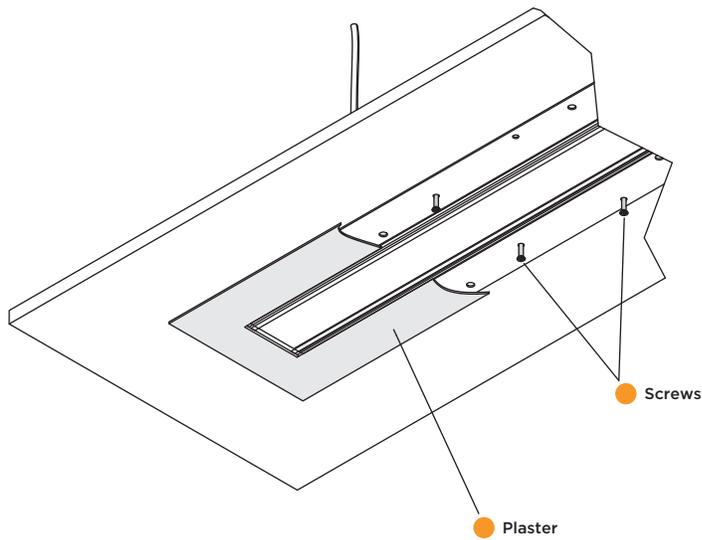


3. In mounted position the flange and the arms of the spring-loaded bracket will trap the ceiling in between holding the fixture on.



Installation - Spackle Flange

1. Align fixture with the precut drywall opening and insert fixture.
2. Fasten fixture to the drywall by drilling screws through the spackle flange.
3. Wood blocking or drywall anchors are required to reinforce the screws to the drywall.
4. Protect the visible edges of the fixture with tape or other protective material.
5. Plaster and sand over the spackle flange to create a smooth finish.



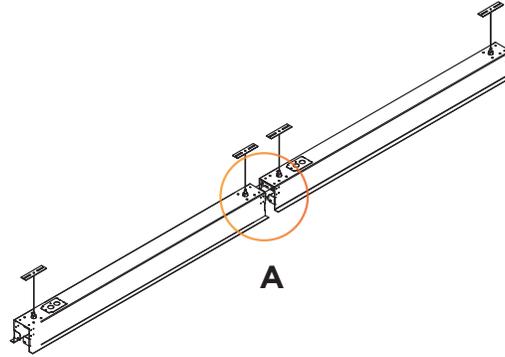
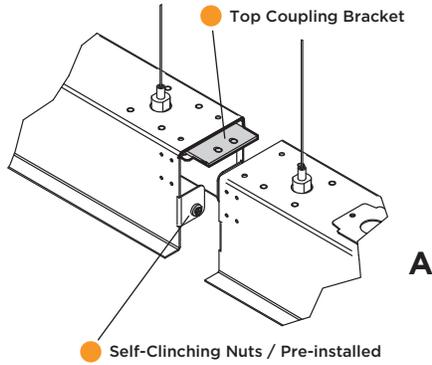
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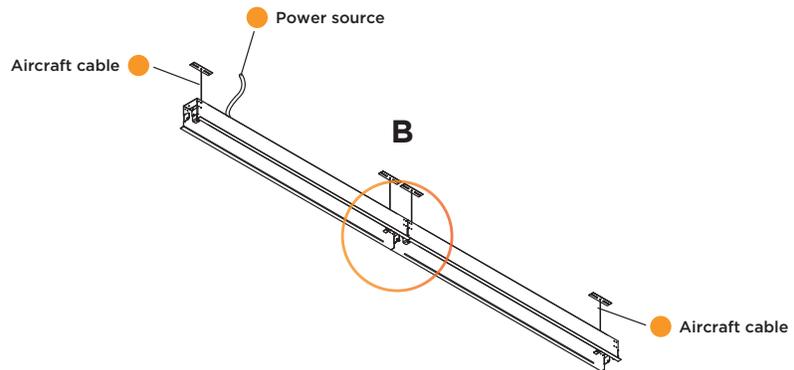
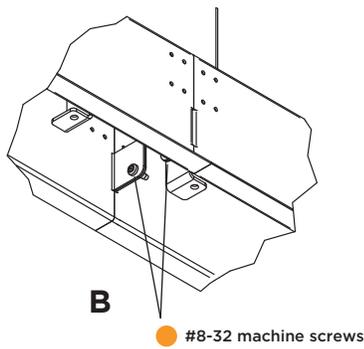
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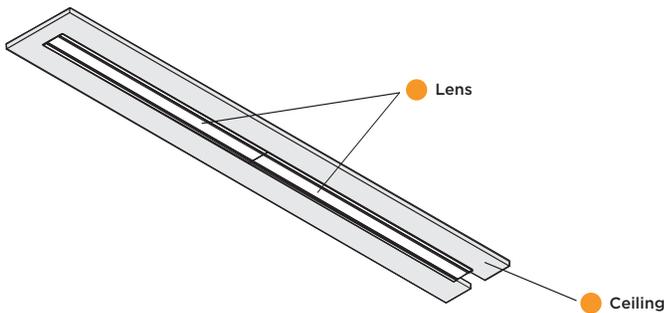
Coupling - Continuous Run Installation



1. Once aligned, use #8-32 machine screws to join fixtures together.
2. Connect lead fixture to power source.
3. Raise aircraft cables at 1 inch increment at a time for joined fixtures until fixtures are at the same level with ceiling.



4. Make electrical connections between fixtures on gear trays and re-attach them to the internal mounting brackets.
5. Insert lens into each fixture.



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Ordering Guide

MODEL	WATTS/FT	COLOR TEMP	VOLTAGE	LENS	FINISH	MOUNTING
DTL2	2.5	3K 3000K	U 120/277V	FR Frosted	WH White	DRT Drywall with Trim
DTL4	3.5	35K 3500K	H 347V	LV Louver	CU Custom	DR Drywall with out Trim
DTL6	5	4K 4000K	480V			SPK Spackle Flange
DTL8	7.5	5K 5000K				
DTLCR	10					

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WIDTH	WIRING	ACCESSORIES	TYPE	CUSTOM LENGTHS (DTLCR)
3.18 3.18"	BFC Black Flexible Cord WFC White Flexible Cord GFC Grey Flexible Cord 3 WIRE 3 Conductor Wire ___ 5 WIRE 5 Conductor Wire ___ N No Cord	N None WC Wireless Controls DMX DALI 10kV 10kV Surge Protection DIMOFF 0-10 1% Dim to off Driver	RC Recessed RCWW Recessed Wall Wash	Specify Length Must be 2' Increments Greater than 10'

3.18				
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NOTE
<p>DTLCR - Continuous Run - Specify Custom Lengths</p> <p>480V - Please consult factory</p> <p>LV - Please consult factory</p> <p>CU - Please consult factory</p>