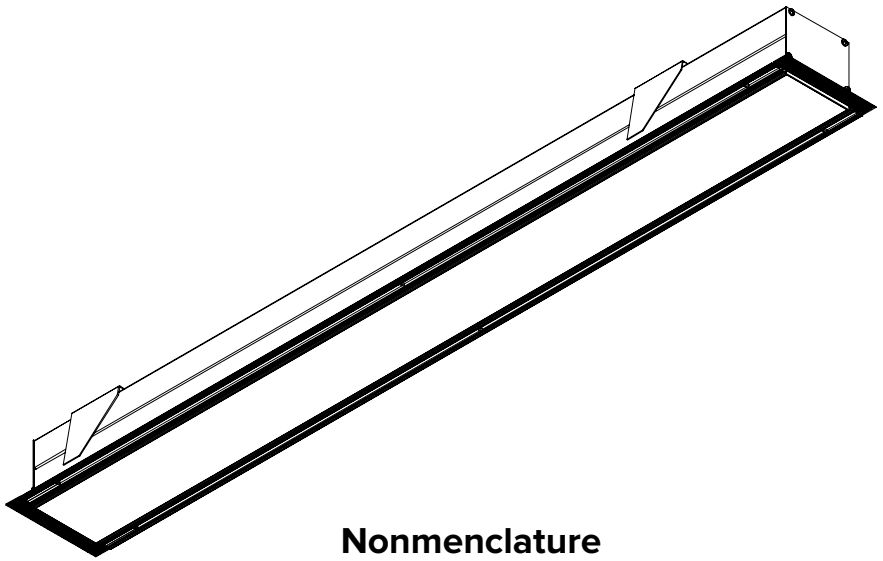
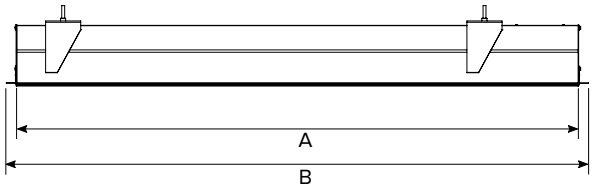


Length



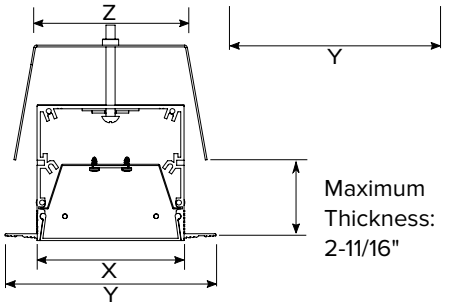
Length	A	B
1ft	$12\frac{1}{4}''$	$13\frac{11}{16}''$
2ft	$24\frac{1}{4}''$	$25\frac{11}{16}''$
3ft	$36\frac{1}{4}''$	$37\frac{11}{16}''$
4ft	$48\frac{1}{4}''$	$49\frac{11}{16}''$
5ft	$60\frac{1}{4}''$	$61\frac{11}{16}''$
6ft	$72\frac{1}{4}''$	$73\frac{11}{16}''$
7ft	$84\frac{1}{4}''$	$85\frac{11}{16}''$
8ft	$96\frac{1}{4}''$	$97\frac{11}{16}''$

Nonmenclature

OLS-R-LED-2/4-HC-TL-S-X

- Recessed Mount
- Width
- Trimless for Hard Ceiling
- Single Unit
- Length

Width



Width	X	Y	Z
2in	$2\frac{9}{16}''$	$4\frac{1}{4}''$	$3\frac{13}{16}''$
4in	4″	$4\frac{14}{16}''$	$4\frac{5}{16}''$

INSTALLATION INSTRUCTIONS

Caution: Disconnect power before installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. Do not handle energized luminaire with wet hands, when standing on wet or damp surfaces, or in water.

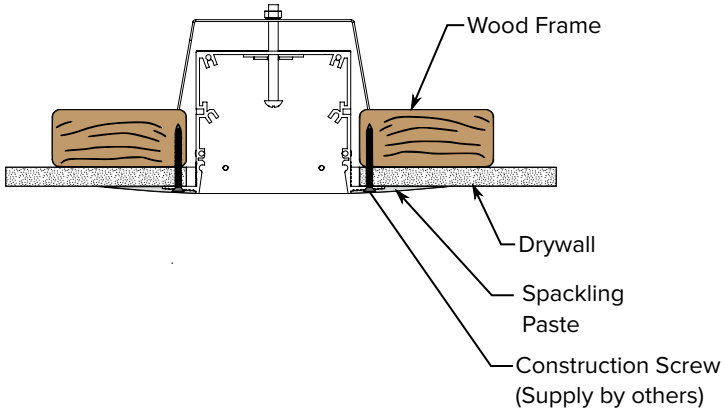
O.R. - Revision A -2/14/20

SAFETY INSTRUCTIONS

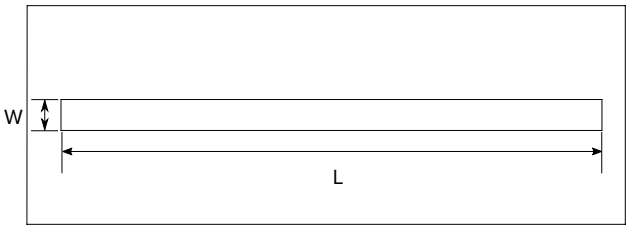
1. Do not use outdoors. 2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel. 3. Do not mount near gas or electric heaters. 4. Cap unused wires with enclosed wire nuts or other approved method. 5. Do not use this equipment for anything other than its intended use. 6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition. 7. Use caution when servicing batteries. 8. Any service on this equipment should be performed by qualified personnel only. 9. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING

MOUNTING



ROUGH-IN DIMENSIONS



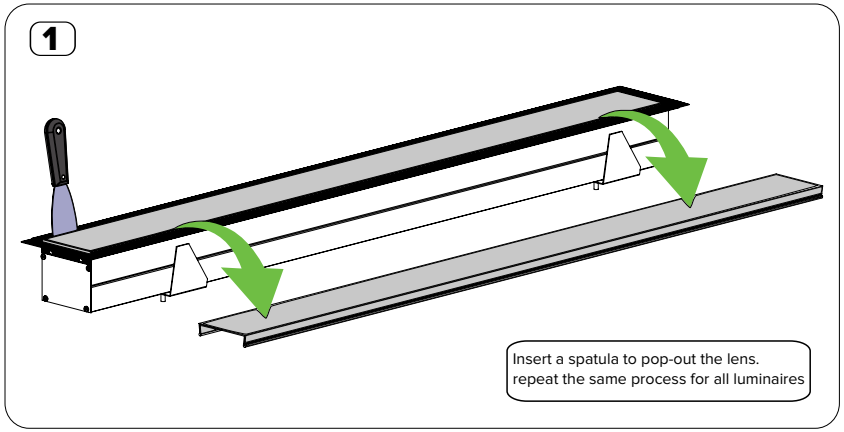
Length

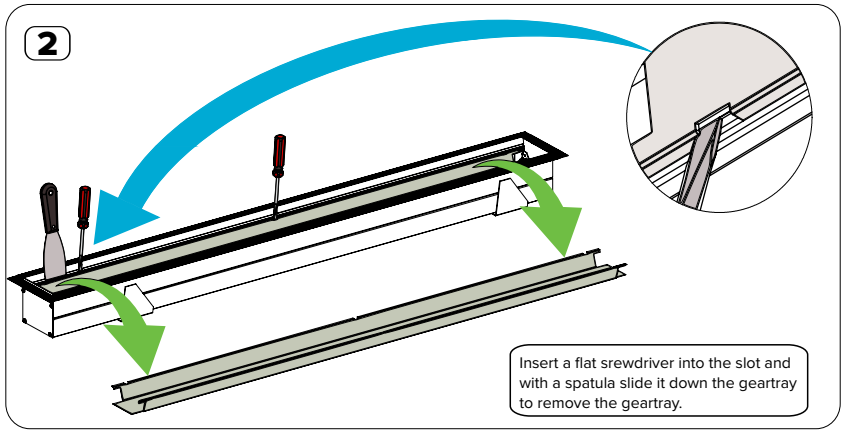
	2”	4”
Length (L)	A	A

Width

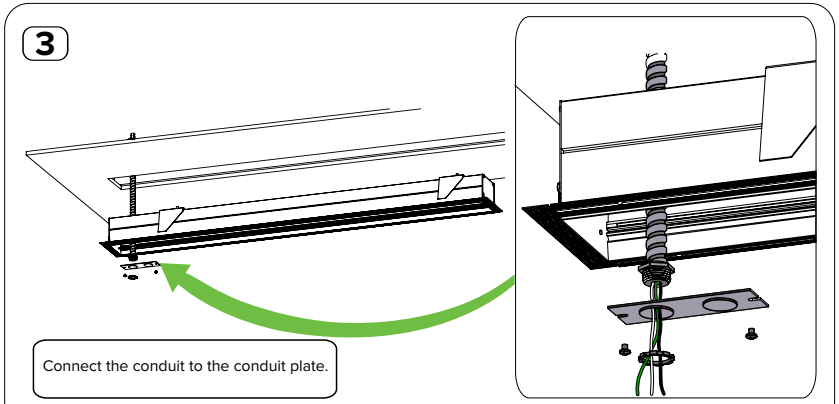
	2”	4”
Width (W)	$3\frac{13}{16}$”	$4\frac{5}{16}$”

INSTALLATION STEPS



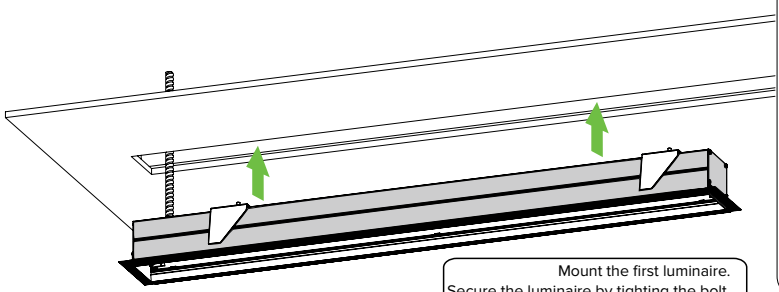


3



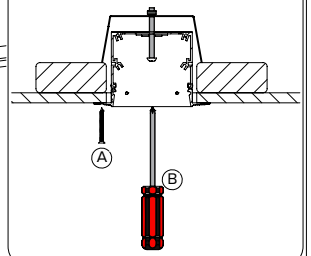
Connect the conduit to the conduit plate.

4



Mount the first luminaire.
Secure the luminaire by tighting the bolt.

SECTION VIEW



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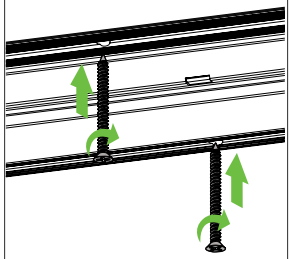
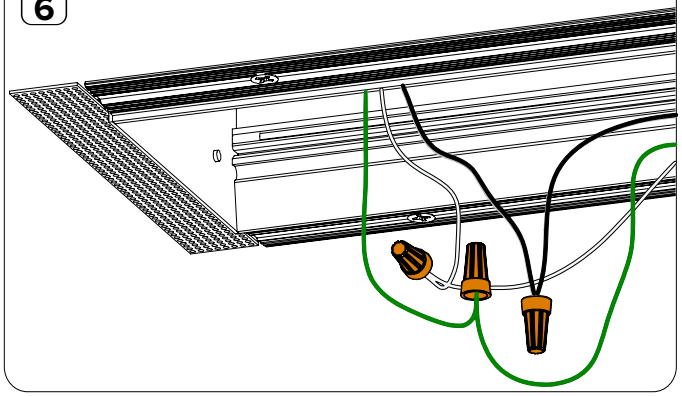
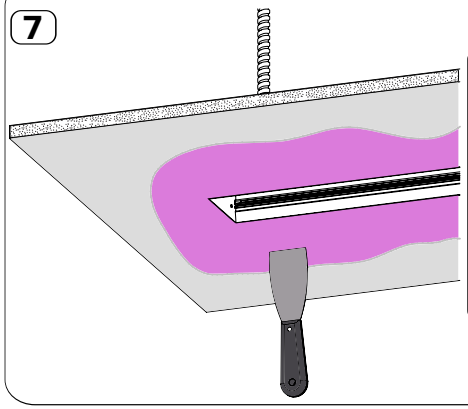


Secure by using screws.

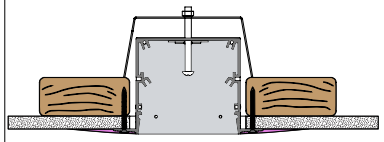
6



7

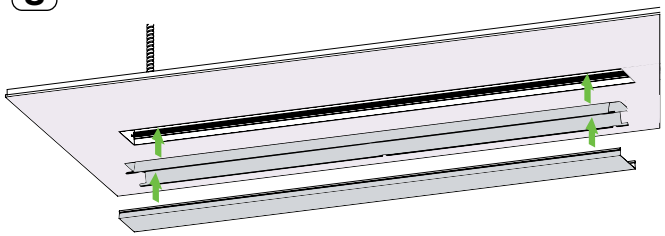


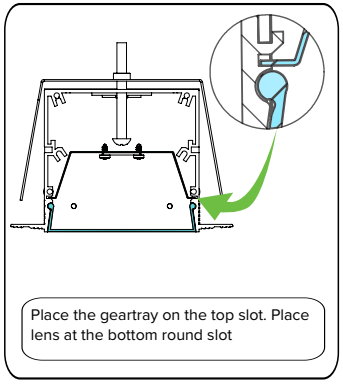
SECTION VIEW



Spackle over flanges

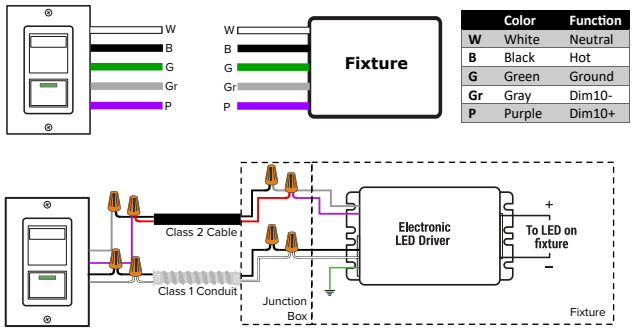
8





Place the geartray on the top slot. Place lens at the bottom round slot

DIM10 DIMMING WIRING (0-10V Dimming)

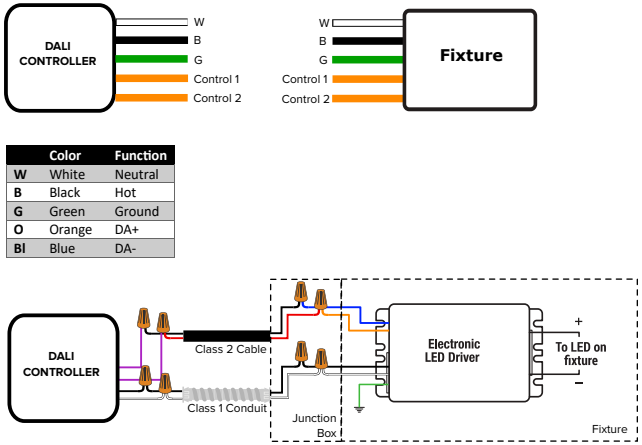


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
Gr	Gray	Dim10-
P	Purple	Dim10+

Recommended Dimming Class 2 Cable

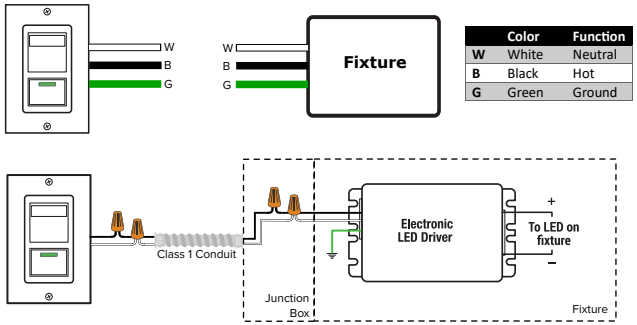
18-2C-LVBP

DALI DIMMING WIRING



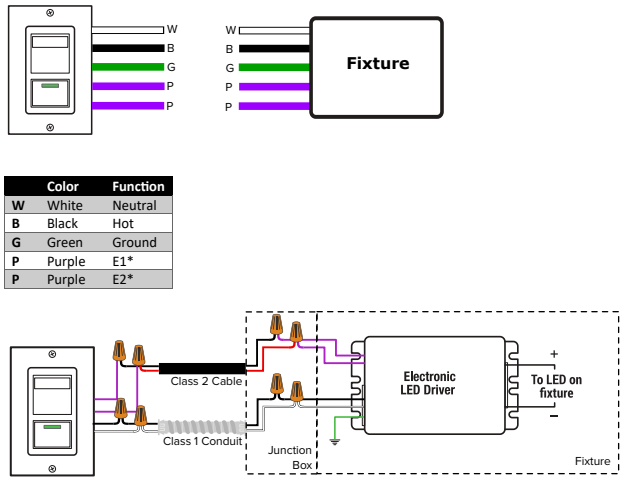
	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DA+
Bl	Blue	DA-

DIMTR/LUT2W DIMMING WIRING (Line Voltage Dimming)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground

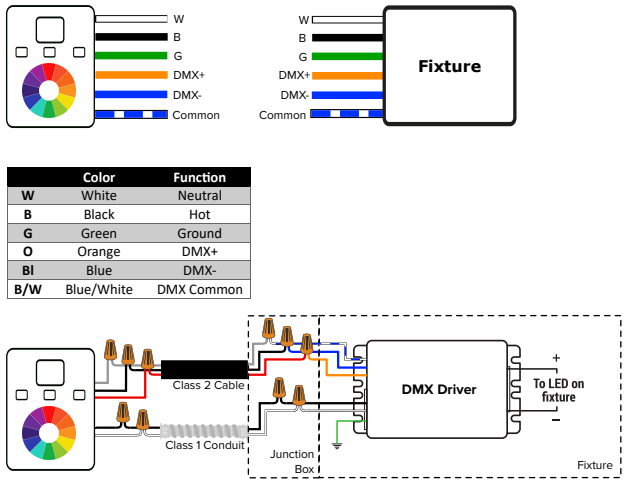
LUTH DIMMING WIRING (Lutron Ecosystem)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
P	Purple	E1*
P	Purple	E2*

*E1 and E2 (EcoSystem digital link wires) are polarity-insensitive and can be wired in any topology.

DMX DIMMING WIRING

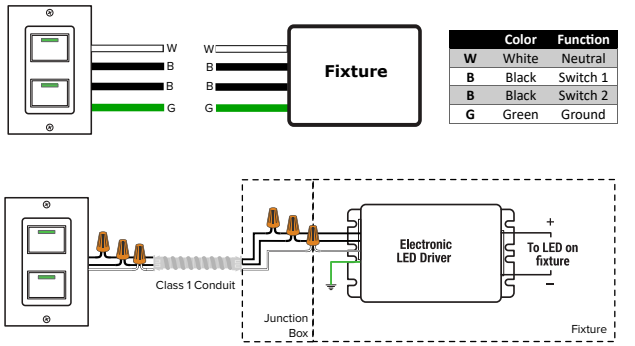


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DMX+
Bl	Blue	DMX-
B/W	Blue/White	DMX Common

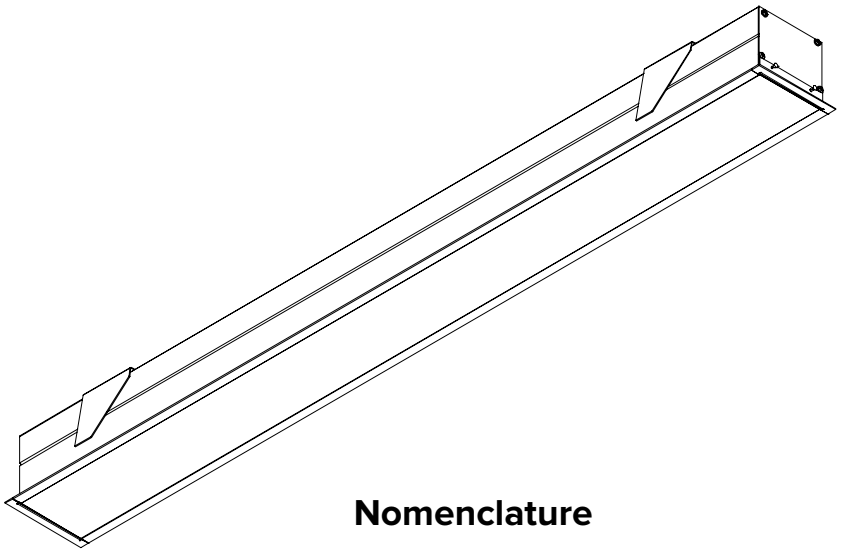
Recommended Dimming Class 2 Cable

18-2C-LVBP

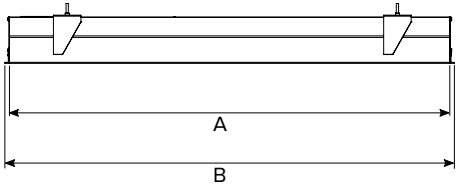
STEP DIMMING WIRING



	Color	Function
W	White	Neutral
B	Black	Switch 1
B	Black	Switch 2
G	Green	Ground



Length



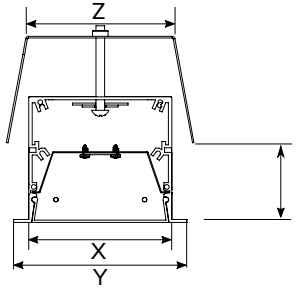
Length	A	B
1ft	$12\frac{1}{4}$"	$13\frac{2}{16}$"
2ft	$24\frac{1}{4}$"	$25\frac{2}{16}$"
3ft	$36\frac{1}{4}$"	$37\frac{2}{16}$"
4ft	$48\frac{1}{4}$"	$49\frac{2}{16}$"
5ft	$60\frac{1}{4}$"	$61\frac{2}{16}$"
6ft	$72\frac{1}{4}$"	$73\frac{2}{16}$"
7ft	$84\frac{1}{4}$"	$85\frac{2}{16}$"
8ft	$96\frac{1}{4}$"	$97\frac{2}{16}$"

Nomenclature

OLS-R-LED-2/4-HC-FT-S-X

- Recessed Mount
- Width
- Flange Trim for Hard Ceiling
- Single Unit
- Length

Width



Maximum Thickness: 2-11/16"

Width	X	Y	Z
2in	$2\frac{1}{2}$"	$3\frac{5}{16}$"	$3\frac{13}{16}$"
4in	4"	$4\frac{13}{16}$"	$4\frac{5}{16}$"

INSTALLATION INSTRUCTIONS

Caution: Disconnect power before installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. Do not handle energized luminaire with wet hands, when standing on wet or damp surfaces, or in water.

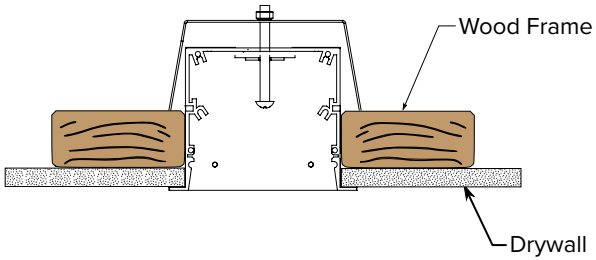
O.R. - Revision A -2/17/20

SAFETY INSTRUCTIONS

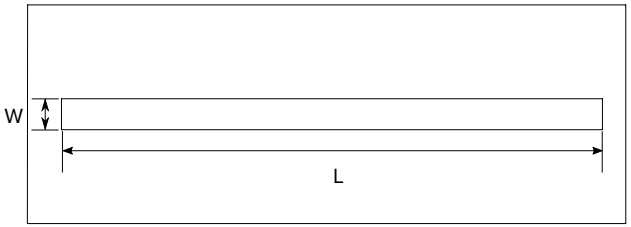
1. Do not use outdoors. 2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel. 3. Do not mount near gas or electric heaters. 4. Cap unused wires with enclosed wire nuts or other approved method. 5. Do not use this equipment for anything other than its intended use. 6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition. 7. Use caution when servicing batteries. 8. Any service on this equipment should be performed by qualified personnel only. 9. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING

Mounting



ROUGH-IN DIMENSIONS



Length

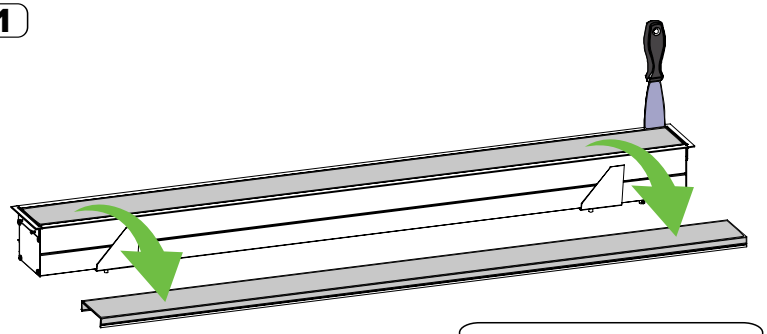
	2”	4”
Length (L)	A	A

Width

	2”	4”
Width (W)	$3\frac{13}{16}$”	$4\frac{5}{16}$”

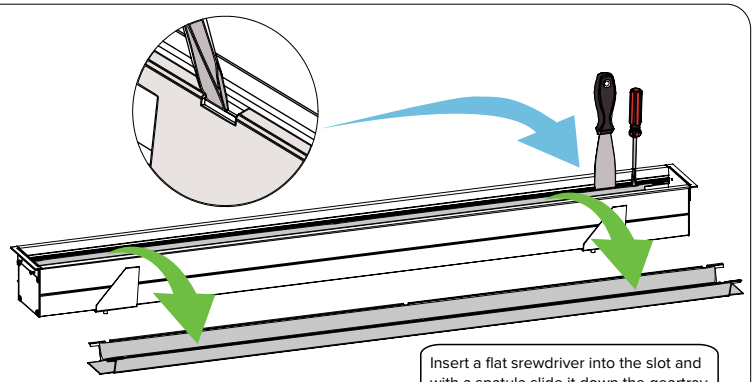
INSTRUCTIONS STEPS

1



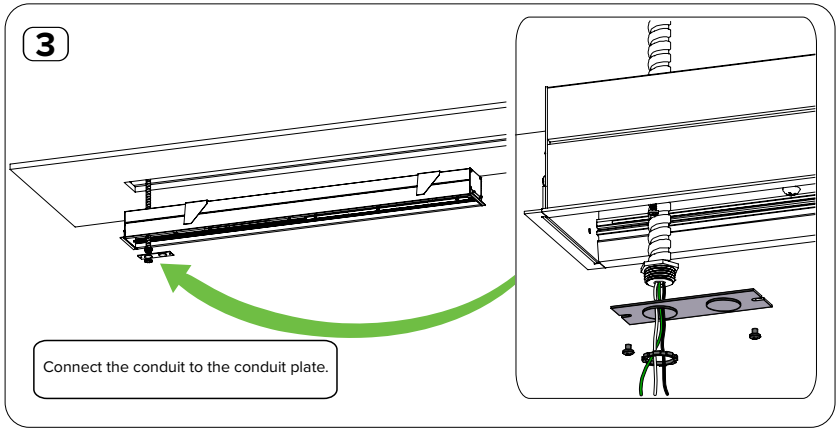
Insert a spatula to pop-out the lens.
repeat the same process for all luminaires

2



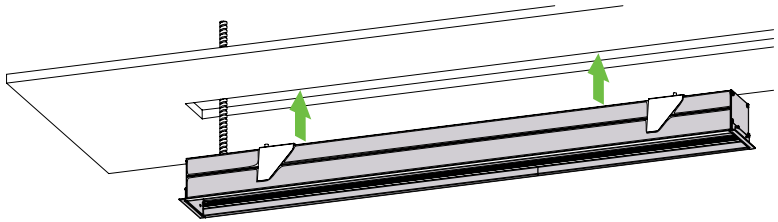
Insert a flat srewdriver into the slot and with a spatula slide it down the geartray to remove the geartray.

3



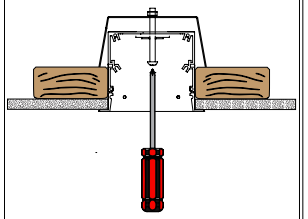
Connect the conduit to the conduit plate.

4

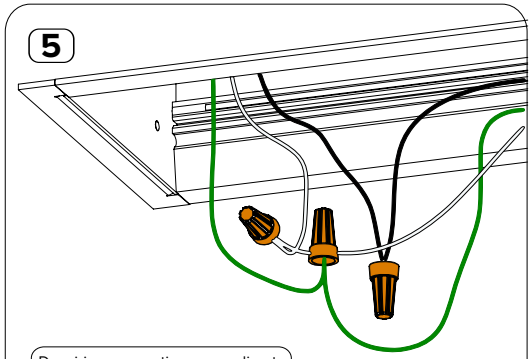


Mount the first luminaire.
Secure the luminaire by tighting the bolt.

SECTION VIEW

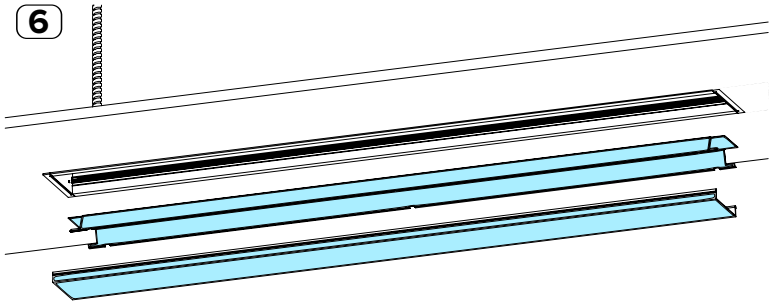


5

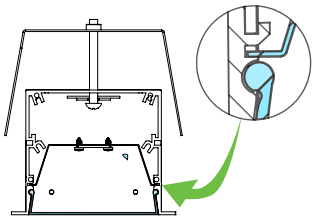


Do wiring connections according to the wiring diagram in the last page.

6

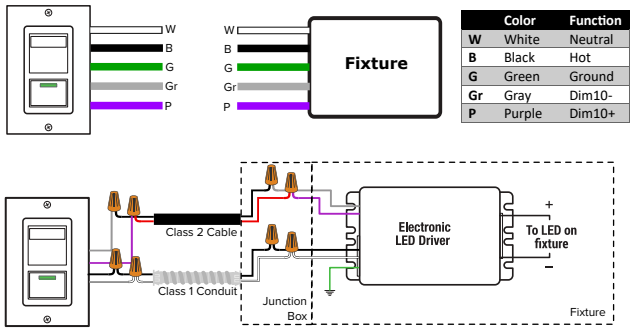


SECTION VIEW



Place the geartray on the top slot. Place lens at the bottom round slot

DIM10 DIMMING WIRING (0-10V Dimming)

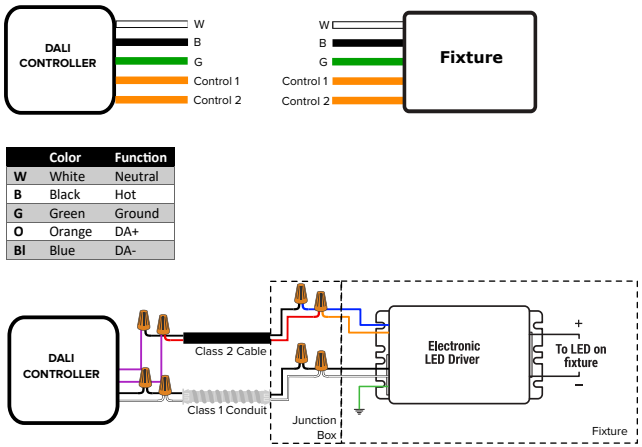


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
Gr	Gray	Dim10-
P	Purple	Dim10+

Recommended Dimming Class 2 Cable

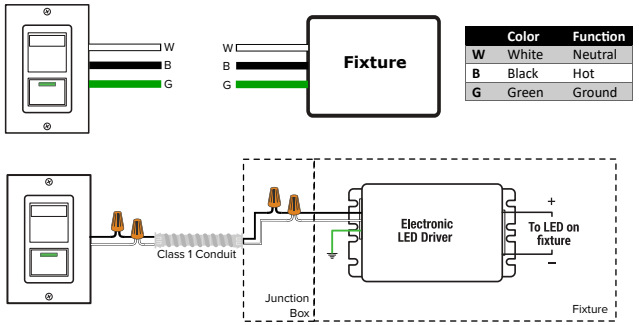
18-2C-LVBP

DALI DIMMING WIRING



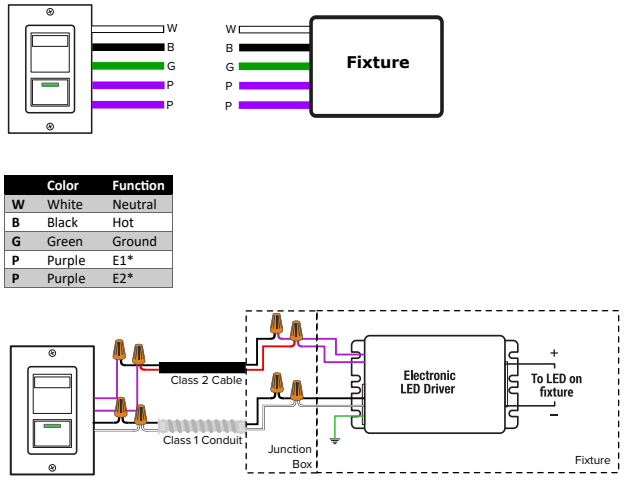
	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DA+
Bl	Blue	DA-

DIMTR/LUT2W DIMMING WIRING (Line Voltage Dimming)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground

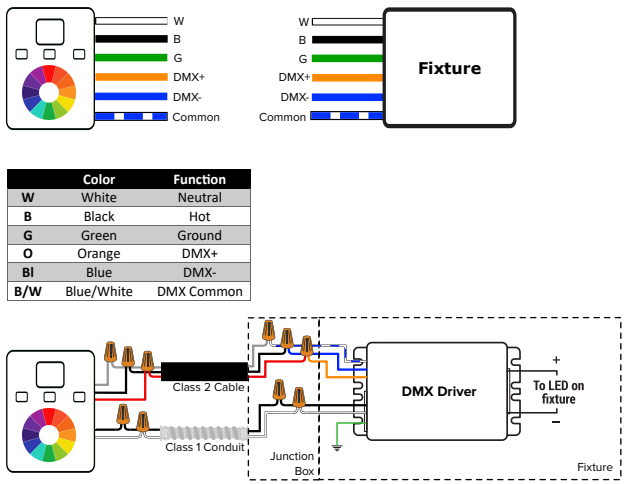
LUTH DIMMING WIRING (Lutron Ecosystem)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
P	Purple	E1*
P	Purple	E2*

*E1 and E2 (EcoSystem digital link wires) are polarity-insensitive and can be wired in any topology.

DMX DIMMING WIRING

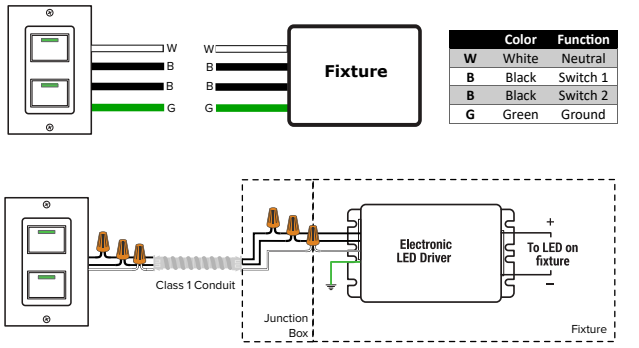


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DMX+
Bl	Blue	DMX-
B/W	Blue/White	DMX Common

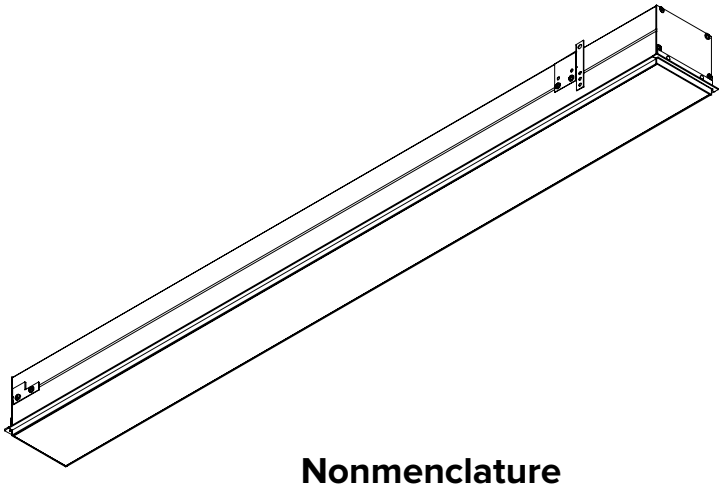
Recommended Dimming Class 2 Cable

18-2C-LVBP

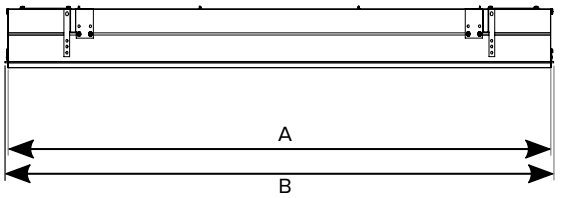
STEP DIMMING WIRING



	Color	Function
W	White	Neutral
B	Black	Switch 1
B	Black	Switch 2
G	Green	Ground



Length



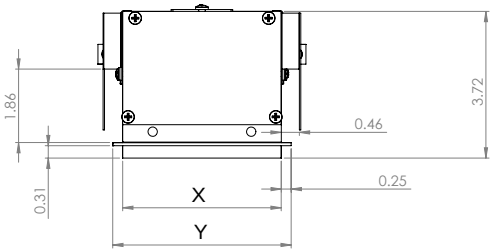
Length	A	B
1ft	$11\frac{5}{16}$"	$11\frac{15}{16}$"
2ft	$23\frac{5}{16}$"	$23\frac{15}{16}$"
3ft	$35\frac{5}{16}$"	$35\frac{15}{16}$"
4ft	$47\frac{5}{16}$"	$47\frac{15}{16}$"
5ft	$59\frac{5}{16}$"	$59\frac{15}{16}$"
6ft	$71\frac{5}{16}$"	$71\frac{15}{16}$"
7ft	$83\frac{5}{16}$"	$83\frac{15}{16}$"
8ft	$95\frac{5}{16}$"	$95\frac{15}{16}$"

Nonmenclature

OLS-R-LED-2/4-TB-SG-S-X

- Recessed Mount
- Width
- Slot T-Bar
- Single Unit
- Length

Width



Width	X	Y
2in	$2\frac{1}{2}$"	3"
4in	4"	$4\frac{1}{2}$"

INSTALLATION INSTRUCTIONS

Caution: Disconnect power before installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. Do not handle energized luminaire with wet hands, when standing on wet or damp surfaces, or in water.

O.R. - Revision A -1/31/20

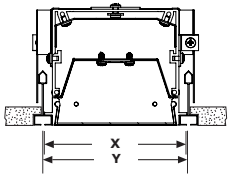
SAFETY INSTRUCTIONS

1. Do not use outdoors. 2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel. 3. Do not mount near gas or electric heaters. 4. Cap unused wires with enclosed wire nuts or other approved method. 5. Do not use this equipment for anything other than its intended use. 6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition. 7. Use caution when servicing batteries. 8. Any service on this equipment should be performed by qualified personnel only. 9. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

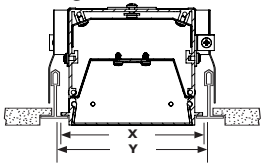
CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING

T-BAR MOUNTING TYPES

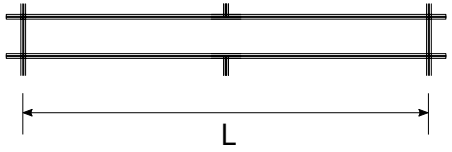
9/16" Slot T-Bar



9/16 Tegular T-Bar



T-BAR BUILD DIMENSIONS



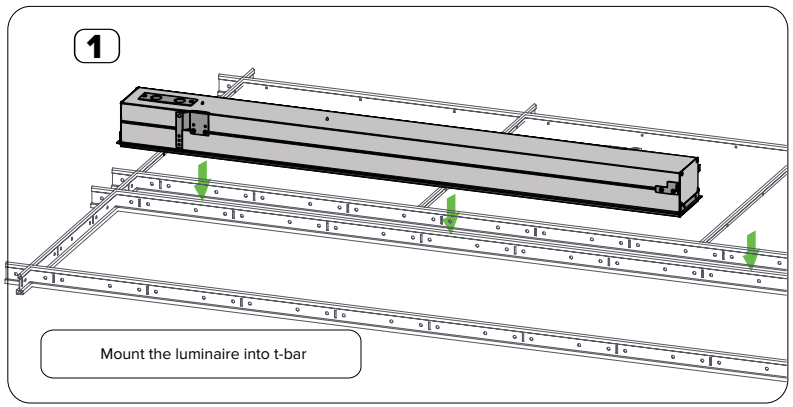
Width

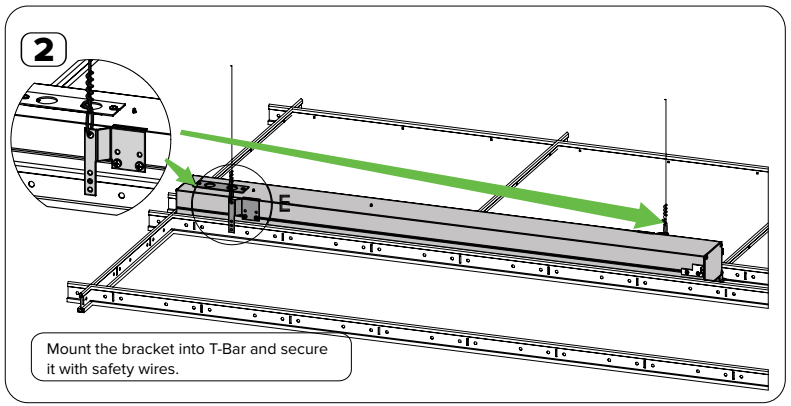
	X		Y	
	2”	4”	2”	4”
9/16” Slot T-Bar	3”	$4\frac{1}{2}$”	$3\frac{1}{8}$”	$4\frac{10}{16}$”
9/16” Tegular T-Bar	3”	$4\frac{1}{2}$”	$3\frac{1}{8}$”	$4\frac{10}{16}$”

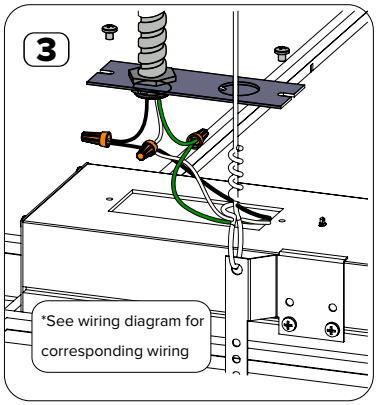
Length

	L
9/16” Slot T-Bar	$B+\frac{1}{16}$”
9/16” Tegular T-Bar	$B+\frac{1}{16}$”

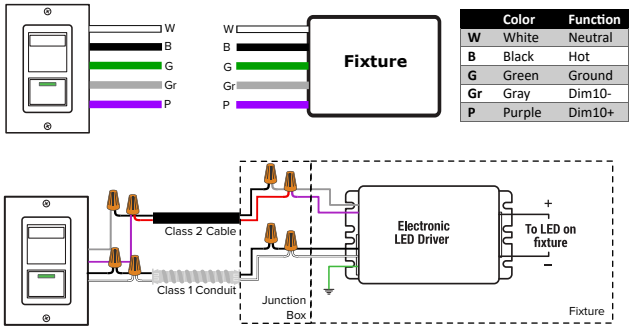
INSTRUCTIONS STEPS







DIM10 DIMMING WIRING (0-10V Dimming)

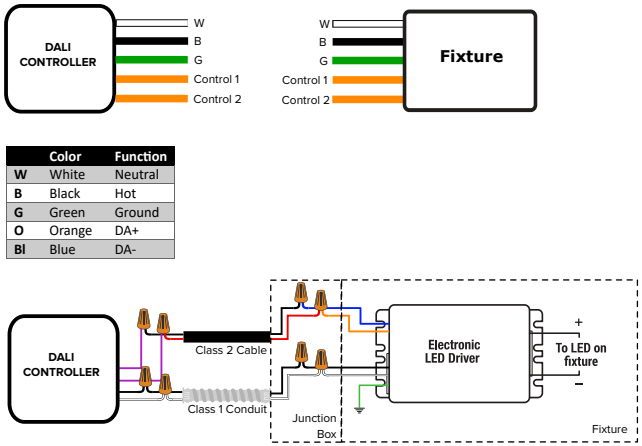


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
Gr	Gray	Dim10-
P	Purple	Dim10+

Recommended Dimming Class 2 Cable

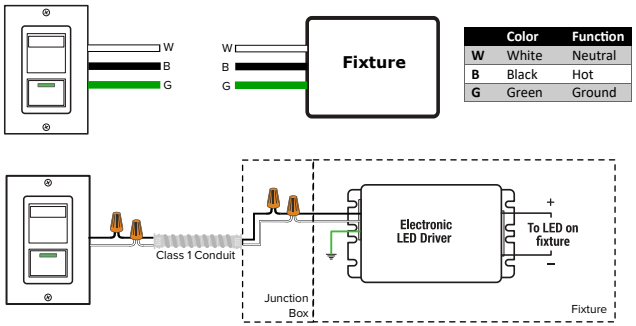
18-2C-LVBP

DALI DIMMING WIRING



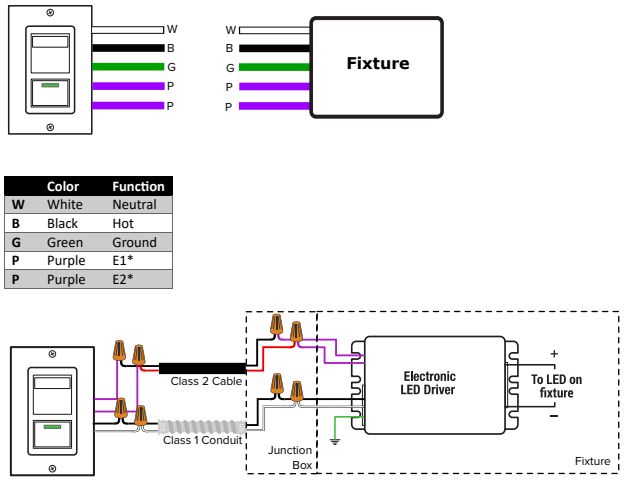
	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DA+
Bl	Blue	DA-

DIMTR/LUT2W DIMMING WIRING (Line Voltage Dimming)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground

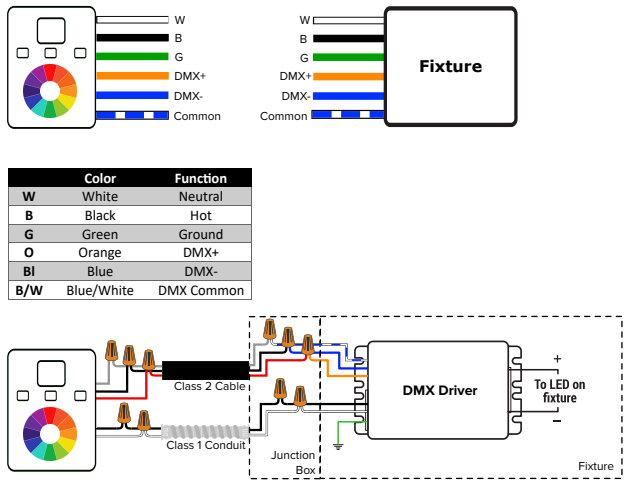
LUTH DIMMING WIRING (Lutron Ecosystem)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
P	Purple	E1*
P	Purple	E2*

*E1 and E2 (EcoSystem digital link wires) are polarity-insensitive and can be wired in any topology.

DMX DIMMING WIRING

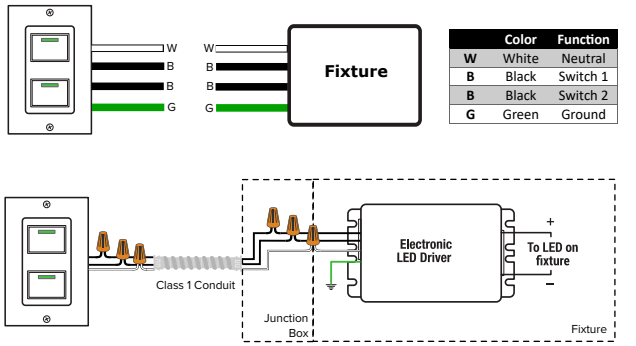


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DMX+
Bl	Blue	DMX-
B/W	Blue/White	DMX Common

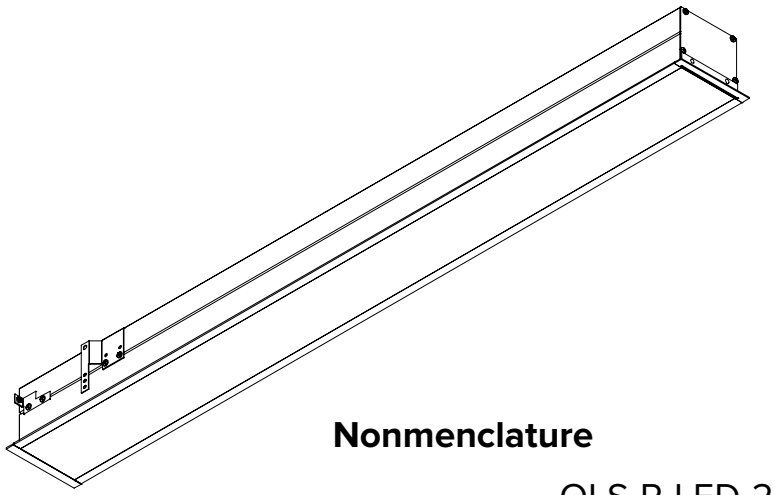
Recommended Dimming Class 2 Cable

18-2C-LVBP

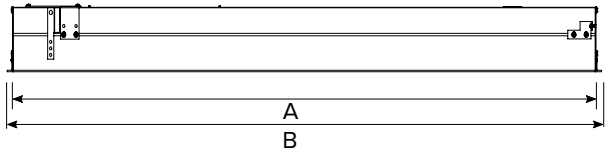
STEP DIMMING WIRING



	Color	Function
W	White	Neutral
B	Black	Switch 1
B	Black	Switch 2
G	Green	Ground

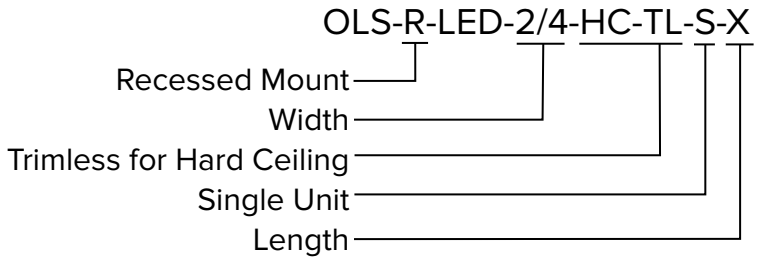


Length

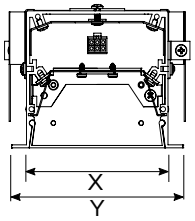


Length	A	B
1ft	$10\frac{15}{16}$"	$11\frac{15}{16}$"
2ft	$22\frac{15}{16}$"	$23\frac{15}{16}$"
3ft	$34\frac{15}{16}$"	$35\frac{15}{16}$"
4ft	$46\frac{15}{16}$"	$47\frac{15}{16}$"
5ft	$58\frac{15}{16}$"	$59\frac{15}{16}$"
6ft	$70\frac{15}{16}$"	$71\frac{15}{16}$"
7ft	$82\frac{15}{16}$"	$83\frac{15}{16}$"
8ft	$94\frac{15}{16}$"	$95\frac{15}{16}$"

Nonmenclature



Width



Width	X	Y
2in	$2\frac{1}{2}$"	$3\frac{5}{16}$"
4in	4"	$4\frac{13}{16}$"

INSTALLATION INSTRUCTIONS

Caution: Disconnect power before installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician. Do not handle energized luminaire with wet hands, when standing on wet or damp surfaces, or in water.

O.R. - Revision A -1/31/20

SAFETY INSTRUCTIONS

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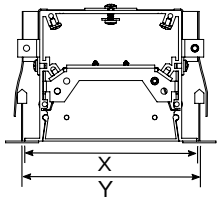
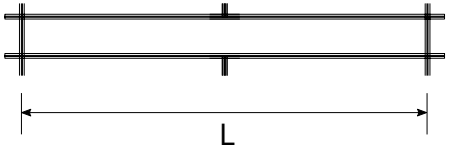
CONSULT A QUALIFIED ELECTRICIAN BEFORE INSTALLING

T-BAR MOUNTING TYPE

15/16" Tegular T-Bar



T-BAR BUILD DIMENSIONS



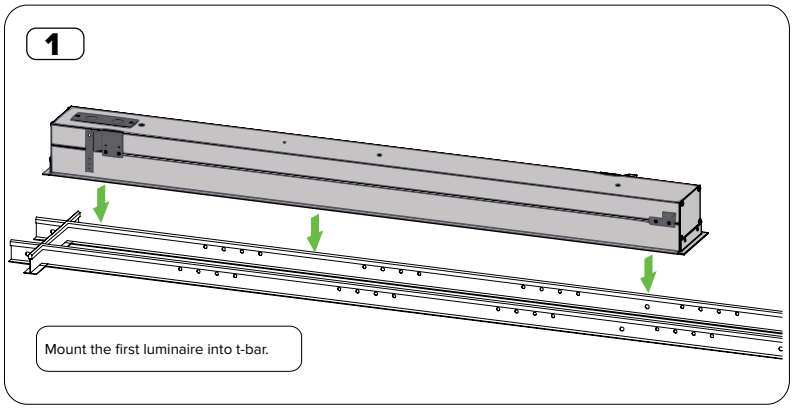
Width

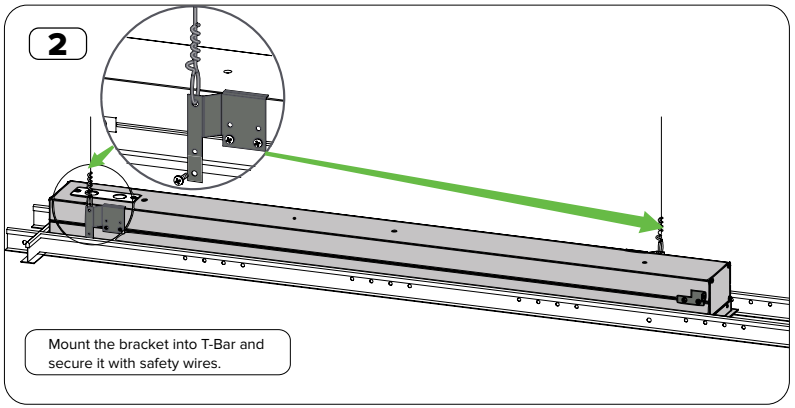
	X		Y	
	2”	4”	2”	4”
15/16” Tegular T-Bar	$3\frac{5}{16}$”	$4\frac{13}{16}$”	$3\frac{1}{2}$”	5”

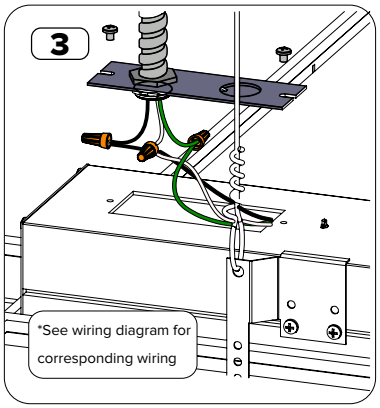
Length

	L
15/16” Tegular T-Bar	B+1/16”

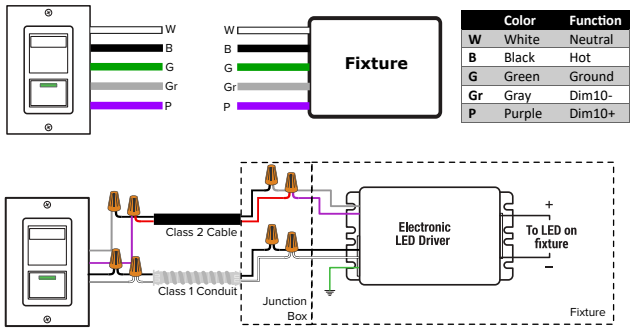
INSTALLATION STEPS







DIM10 DIMMING WIRING (0-10V Dimming)

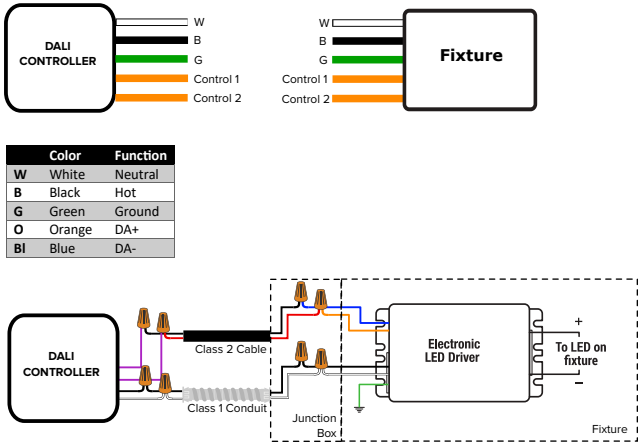


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
Gr	Gray	Dim10-
P	Purple	Dim10+

Recommended Dimming Class 2 Cable

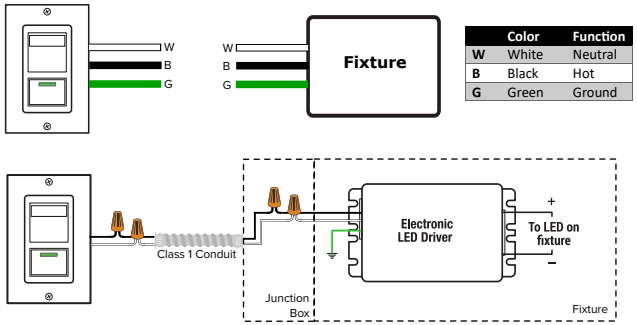
18-2C-LVBP

DALI DIMMING WIRING



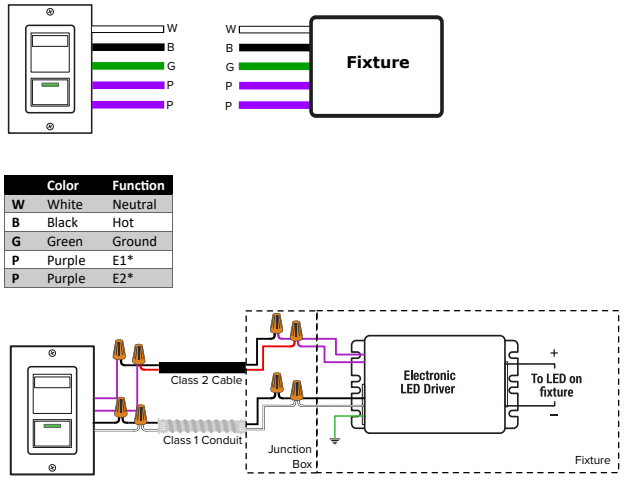
	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DA+
Bl	Blue	DA-

DIMTR/LUT2W DIMMING WIRING (Line Voltage Dimming)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground

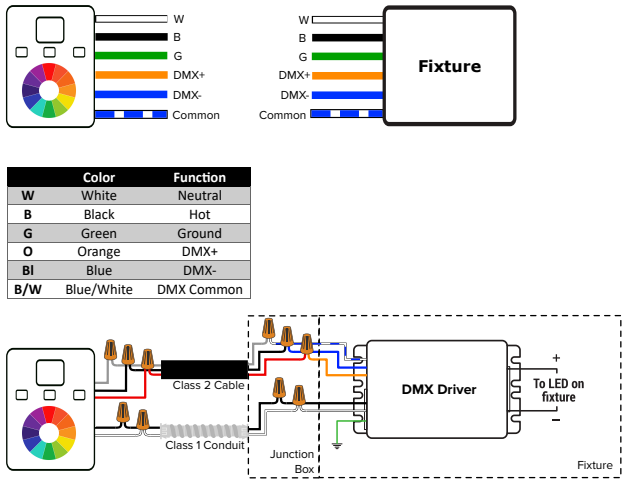
LUTH DIMMING WIRING (Lutron Ecosystem)



	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
P	Purple	E1*
P	Purple	E2*

*E1 and E2 (EcoSystem digital link wires) are polarity-insensitive and can be wired in any topology.

DMX DIMMING WIRING

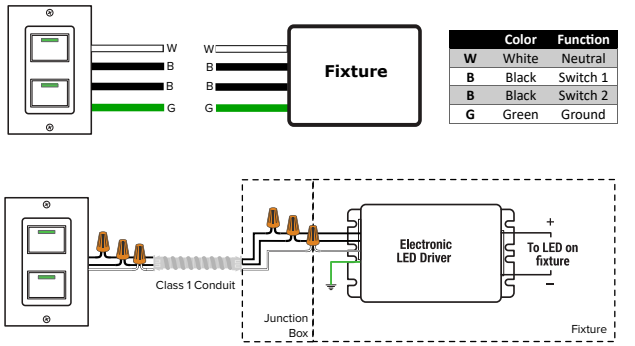


	Color	Function
W	White	Neutral
B	Black	Hot
G	Green	Ground
O	Orange	DMX+
Bl	Blue	DMX-
B/W	Blue/White	DMX Common

Recommended Dimming Class 2 Cable

18-2C-LVBP

STEP DIMMING WIRING



	Color	Function
W	White	Neutral
B	Black	Switch 1
B	Black	Switch 2
G	Green	Ground