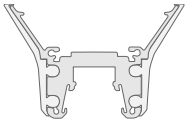
BOOM-FIXED (01)

Linear Fixtures - Suspended





- Impactful fixture profile available in 4', 6', 8' and 12' lengths
- Direct/indirect fixture provides primary illumination
- Decorative panels and end caps match any interior
- Highly efficient static white light engines installed for optimal light output
- Variety of uplight optics allow for flexibility in design

BOOM ORDERING PROCESS

A Specify assembled fixture details

B Specify downlight

C Specify uplight

D Specify suspension kit(s)

A. ASSEMBLED FIXTURE DETAILS

A1 PRODUCT	A2 ASSEMBLED FIXTURE	A3 CONTROL	A4 EXTRUSION FINISH	A5 DECOR PANEL	A6 END CAPS	A7 END CAP FINISH	A8 DUST COVER	A9 POWER FEED	A10 NOMINAL LENGTH (IN)
BOOM01	SN	2C					FR	MATCH	

Sample Part Number: **BOOM01-SN-2C-ST-ST-FT-WH-FR-MATCH-48"**

A1 PRODUCT

BOOM01

A2 ASSEMBLED FIXTURE

SN Single

A3 CONTROL

2C 2 Circuit

A4 EXTRUSION FINISH

ST Satin Anodized Aluminum
BK Black Anodized Aluminum
WH Matte White Powder Coated Aluminum

A5 DECOR PANEL

ST Satin Anodized Aluminum

Anodized aluminum decor panels are available in 144" lengths

WH Matte White Powder Coated Aluminum
BK Matte Black Powder Coated Aluminum

Powder coated aluminum decor panels are available in 144" lengths
Wood is a natural product; variation in color, pattern, and texture may occur from piece to piece

N/A No Decor Panel Selected

A6 END CAPS

FT Flat Molded Plastic
CH Chamfer Molded Plastic
AG Angle Molded Plastic
FM Flat Metal

A7 END CAP FINISH

GY Gray
BK Black
WH Matte White
RD Red
BL Blue
YL Yellow
CU Custom RAL Color

A8 DUST COVER

FR Frosted

A9 POWER FEED

MATCH Matched to Extrusion Finish

A10 NOMINAL LENGTH (IN)

48"
72"
96"
144"

Bare wire connection only.

Length based on distance between suspension points. End cap choices impact overall length.

See following pages for suspension kit options and order examples.

5 year warranty | Warranty only valid with QTL power supplies | Data subject to change, all data has +/- 5% tolerance | Remote power supplies required

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BOOM-FIXED (01)

Linear Fixtures - Suspended

B. DOWNLIGHT

B1 PRODUCT	B2 LIGHT ENGINE	B3 WATTS/FT	B4 CCT/COLOR	B5 LENS DOWN INTERNAL	B6 LENS DOWN EXTERNAL
BOOM01-DOWN	SW			N/A	DF

Sample Part Number: **BOOM01-DOWN-SW-3.0HE-30-N/A-DF**

B1 PRODUCT

BOOM01-DOWN

See QTL.lighting Linear LED Strips for photometric data on all LED Light engines

B2 LIGHT ENGINE

SW	Static White

B3 WATTS/FT

1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE
9.0HE	9.0W/ft HE

B4 CCT/COLOR

27	2700K
30	3000K
35	3500K
40	4000K

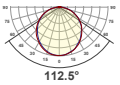
B5 LENS DOWN INTERNAL

N/A	No lens

For expanded options, see additional BOOM documentation on QTL.lighting

B6 LENS DOWN EXTERNAL

DF	Diffused



C. UPLIGHT

C1 PRODUCT	C2 LIGHT ENGINE	C3 WATTS/FT	C4 CCT/COLOR	C5 LENS UP
BOOM01-UP	SW			

Sample Part Number: **BOOM01-UP-SW-3.0HE-30-145D**

C1 PRODUCT

BOOM01-UP

See QTL.lighting Linear LED Strips for photometric data on all LED Light engines

C2 LIGHT ENGINE

SW	Static White

C3 WATTS/FT

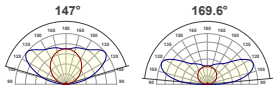
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE
9.0HE	9.0W/ft HE

C4 CCT/COLOR

27	2700K
30	3000K
35	3500K
40	4000K

C5 LENS UP

145D	Optical 145°
170D	Optical 170°



145D 170D

A2 ASSEMBLED FIXTURE

SN - SINGLE



A4 EXTRUSION FINISHES

Anodized Aluminum

Satin

Black

Powder Coated Aluminum

Matte White

Finish when Decor Panel is not selected

A5 DECOR PANEL FINISHES

Anodized Aluminum

Satin

Powder Coated Aluminum

Matte White

Matte Black

Custom color available upon request

A3 CONTROL

2 CIRCUIT	Uplight and downlight controlled separately

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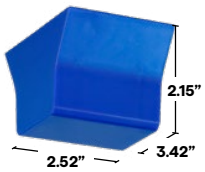
Specification subject to change. Rev-05-06-26

BOOM-FIXED (01)

Linear Fixtures - Suspended

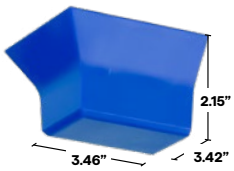
A6 END CAP PROFILES

FT



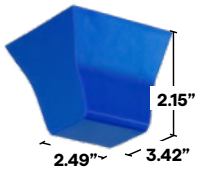
Flat Plastic

CH



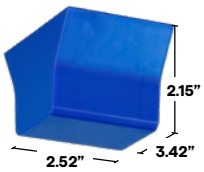
Chamfer Plastic

AG



Angle Plastic

FM



Flat Metal

A7 END CAP / CONNECTOR FINISHES

MOLDED PLASTIC / METAL

- Gray
- Black
- Matte White
- Red
- Blue
- Yellow

Custom color available upon request

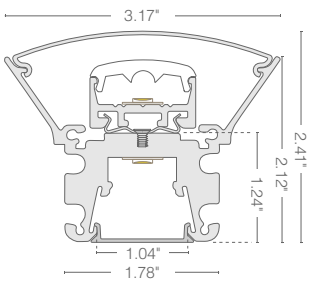
B6 DIODE VISIBILITY
LENS DOWN EXTERNAL

- Diffused

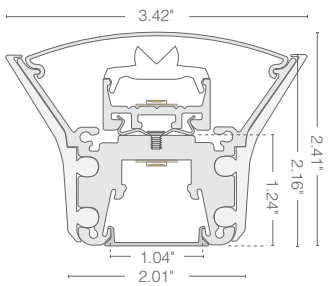
C5 DIODE VISIBILITY
LENS UP

- Optical 145°
- Optical 170°

PRODUCT - DIMENSIONS | FIXTURE CROSS-SECTION



Fixture profile with 145D Lens Up, Dust Cover, DF Lens Down, without Decor Panel



Fixture profile with 170D Lens Up, Dust Cover, DF Lens Down, with Decor Panel

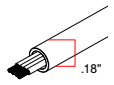
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BOOM-FIXED (01)

Linear Fixtures - Suspended

A9 POWER FEED

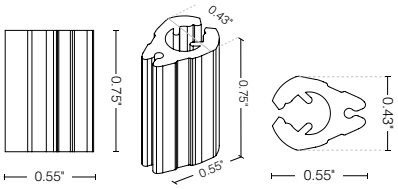
BW
Bare Wire 48"



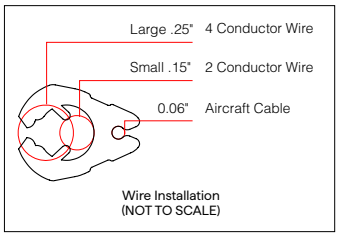
WH	BK	SV
White	Black	Silver

CABLE STAY CLIP

2 per electrical drop. Additional clips available upon request.



Front View | ISO View | Top View



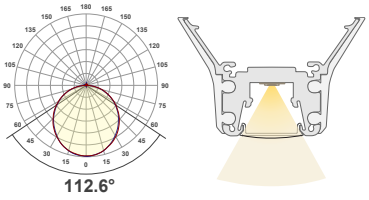
White	Black	Clear

Color matches the color of power feed chosen
(Clear Cable Stay Clip provided with Silver power feed)

PHOTOMETRIC PERFORMANCE

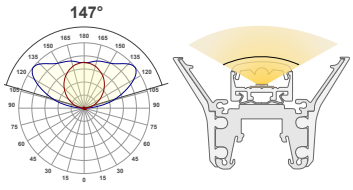
NOTE: Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see IES PDF file.

LENS DOWN | TESTED WITH SW-HE24/6.0 3000K LED

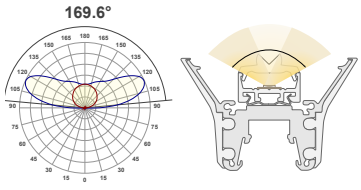


DF

LENS UP | TESTED WITH SW-HE24/6.0 3000K LED



145D



170D

DELIVERED LUMENS

Delivered lumens | See photometric files for complete details.

STATIC WHITE HIGH EFFICACY

[Calculated L70 = 70000 hrs]
Tested with BOOM01-**-SW-**-30-**

DOWNLIGHT								
	1.5HE W/FT		3.0HE W/FT		6.0HE W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
DF	120	98	219	98	439	98	565	98
UPLIGHT								
	1.5HE W/FT		3.0HE W/FT		6.0HE W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
145D	156	98	298	98	573	98	824	98
170D	158	98	298	98	595	98	831	98

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BOOM-FIXED (01)

Linear Fixtures - Suspended

D. SUSPENSION KITS

POWER FEED SUSPENSION KIT

D1 PRODUCT	D2 FEED	D3 CANOPY SHAPE	D4 CANOPY SIZE	D5 CANOPY COLOR	D6 APPLICATION	D7 SUSPENSION CABLE LENGTH (IN)
SK	SF		5"			

Sample Part Number: **SK-SF-RD-5"-WH-JB-36"**

D1 PRODUCT

SK	

D2 FEED

SF	Single Feed

D3 CANOPY SHAPE

RD	Round
SQ	Square

D4 CANOPY SIZE

5"

D5 CANOPY COLOR

WH	White
BK	Black

D6 APPLICATION

JB	Junction Box
TB	T-Bar Mount

JB - mounting bracket only, junction box not included
TB - mounting bracket and junction box

D7 SUSPENSION CABLE LENGTH (IN)

36"
120"

NON-FEED SUSPENSION KIT

D1 PRODUCT	D2 FEED	D3 CANOPY SHAPE	D4 CANOPY SIZE	D5 CANOPY COLOR	D6 APPLICATION	D7 SUSPENSION CABLE LENGTH (IN)
SK	NF		5"			

Sample Part Number: **SK-NF-RD-5"-WH-TB-36"**

D1 PRODUCT

SK	

D2 FEED

NF	No Feed

D3 CANOPY SHAPE

RD	Round
SQ	Square

D4 CANOPY SIZE

2"
5"
5"

D5 CANOPY FINISH

WH	White
BK	Black
WH	White
BK	Black

D6 APPLICATION

TB	T-Bar Mount
LS	Lag Screw

TB - T-Bar clip only, junction box not included

JB	Junction Box

Mounting bracket only, junction box not included

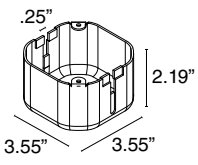
D7 SUSPENSION CABLE LENGTH (IN)

36"
120"

- Shop drawings required
- Fixture lengths over 10' deflect slightly by 3/16"
- If no suspension length provided, 36" is standard
- Suspension cable maximum length: 120"
- Suspension cable is field cuttable
- Consult factory for power over aircraft
- Consult factory for custom color of canopy
- Lag Screw is for mounting into drywall, wood, or other types of finished ceilings for non-feed mounting only

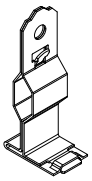
KIT CONTENTS

- 1/16" Steel suspension cable – 36" standard
- Selected canopy
- Cable Gripper
- Cable Coupler



T-BAR JBOX

Included with T-Bar feed kits



T-BAR CLIP

Included with T-Bar non-feed kits



LAG SCREW

Included with Lag Screw non-feed kits

JBOX
- Bracket to mount to junction box (junction box not included)
- Wire strain relief
- Ties for securing electrical cable to suspension cable
- 4×4" junction box required but provided by others

T-BAR – feed
- Includes junction box specifically designed for T-BAR applications
- Bracket to mount to junction box
- Wire strain relief
- Ties for securing electrical wire to suspension cable

T-BAR – non-feed
- Bracket to mount to T-BAR (no junction box)

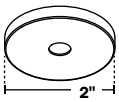
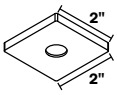
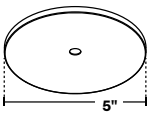
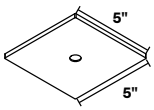
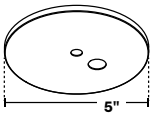
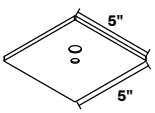
LAG SCREW – non-feed only
- Double ended screw, with a wood thread side and machine thread side
- One piece cable coupler

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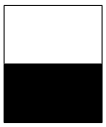
BOOM-FIXED (01)

Linear Fixtures - Suspended

D3 CANOPY OPTIONS

RD - 2" - NF	SQ - 2" - NF	RD - 5" - NF	SQ - 5" - NF	RD - 5" - SF	SQ - 5" - SF
					
Round 2" No Feed	Square 2" No Feed	Round 5" No Feed	Square 5" No Feed	Round 5" Single Feed	Square 5" Single Feed

D5 CANOPY FINISH

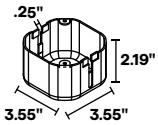


White

Black

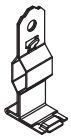
D6 APPLICATION

TB
Power Feed Kit



T-Bar Junction Box

TB
Non-Feed Kit



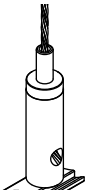
T-Bar Clip

LS



Lag Screw

KIT HARDWARE



Cable Gripper



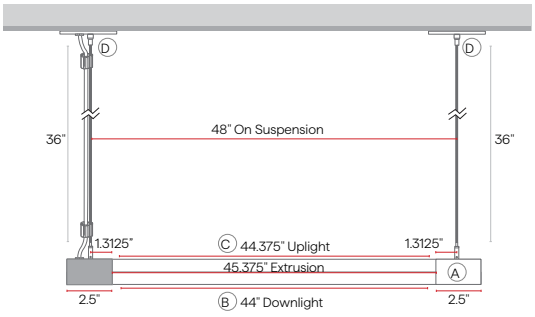
Cable Coupler

ORDER EXAMPLES

BOOM ORDERING PROCESS

- **A** Specify assembled fixture details
- **B** Specify downlight
- **C** Specify uplight
- **D** Specify suspension kit(s)

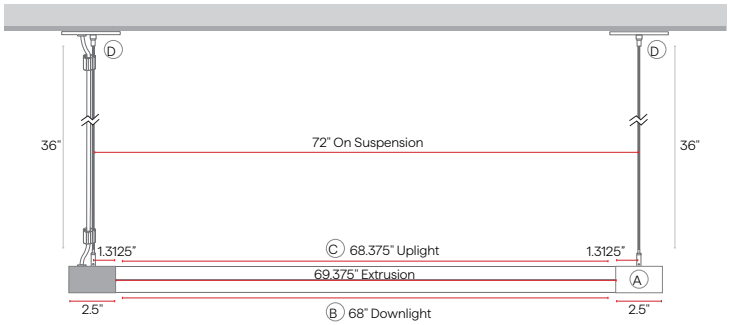
48"



SINGLE CABLE FEED

A. BOOM01-SN-2C-ST-ST-FT-BL-FR-MATCH-48"
B. BOOM01-DOWN-SW-6.0HE-30-NA-DF
C. BOOM01-UP-SW-6.0HE-30-170D
D. SK-SF-RD-5"-WH-TB-36", SK-NF-RD-5"-WH-TB-36"

72"



SINGLE CABLE FEED

A. BOOM01-SN-2C-ST-ST-FT-BL-FR-MATCH-72"
B. BOOM01-DOWN-SW-6.0HE-30-NA-DF
C. BOOM01-UP-SW-6.0HE-30-170D
D. SK-SF-RD-5"-WH-TB-36", SK-NF-RD-5"-WH-TB-36"

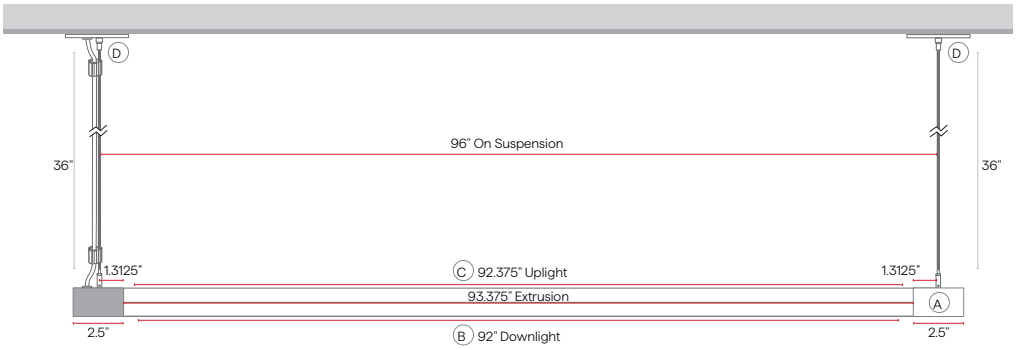
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Specification subject to change. Rev-05-06-26

BOOM-FIXED (01)

Linear Fixtures - Suspended

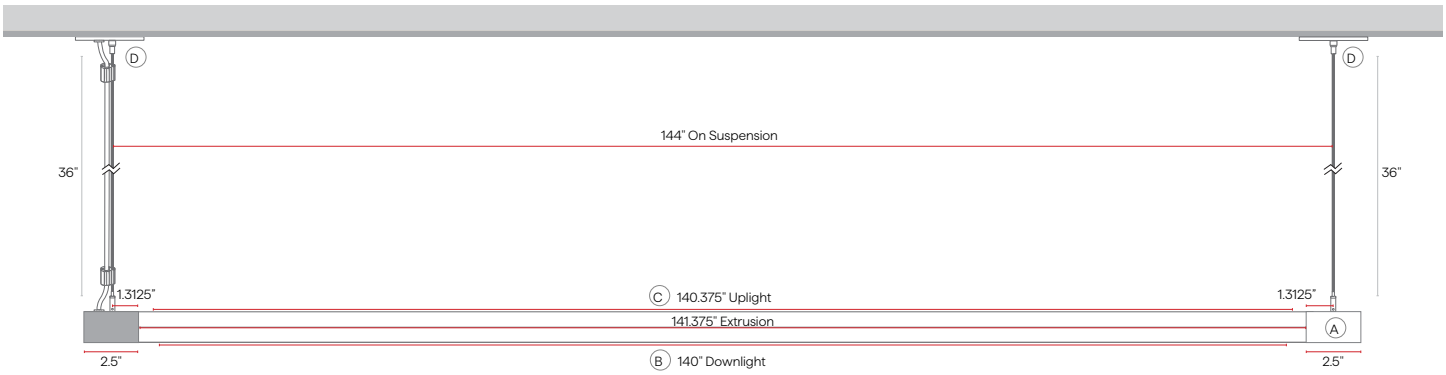
96”



SINGLE CABLE FEED

A. BOOM01-SN-2C-ST-ST-FT-BL-FR-MATCH-96”
B. BOOM01-DOWN-SW-6.0HE-30-NA-DF
C. BOOM01-UP-SW-6.0HE-30-170D
D. SK-SF-RD-5”-WH-TB-36”, SK-NF-RD-5”-WH-TB-36”

144”



SINGLE CABLE FEED

A. BOOM01-SN-2C-ST-ST-FT-BL-FR-MATCH-144”
B. BOOM01-DOWN-SW-6.0HE-30-NA-DF
C. BOOM01-UP-SW-6.0HE-30-170D
D. SK-SF-RD-5”-WH-TB-36”, SK-NF-RD-5”-WH-TB-36”

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BOOM-FIXED (01)

Linear Fixtures - Suspended

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle

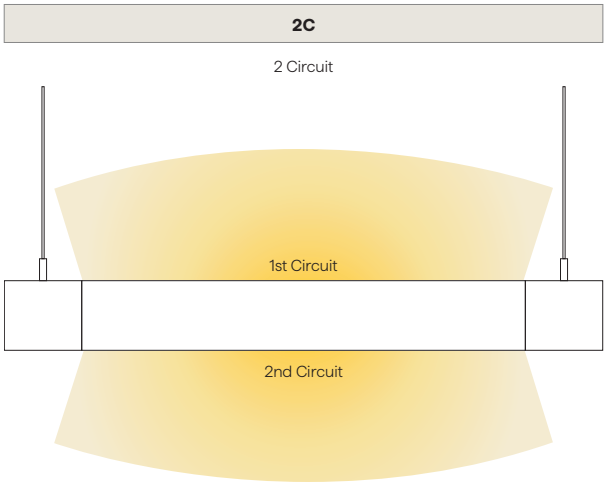
DIMMING PROTOCOL	INDOOR
	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)
DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

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BOOM-SINGLE (01)

Linear Fixtures - Suspended

Control



- Downlight and uplight are powered and controlled separately
- Max wattage per circuit = 96W
  - 96W for downlight and 96W for uplight max. per feed point
- Controlled separately: downlight and uplight can have different control technologies
- Light engine combinations and available conductors
  - Different light engines require different numbers of conductors

SW, SW-HE, WD = 2 conductor
DW-HE = 3 conductor
RGB = 4 conductor

- ELECTRICAL FEED:
  - DW-HE or RGB should always have a dedicated feed
  - SW, SW-HE, and WD in a 2C configuration can share a drop

Extrusion Finishes

SATIN



Satin Anodized
Matte Finish

BLACK



Black Anodized
Matte Finish

WHITE



White Powder Coat Paint
Matte Finish

Decor Panel Finishes Custom color available upon request



Satin
Anodized Aluminum



Matte Black
Powder Coated Aluminum

Matte White
Powder Coated Aluminum



White Oak Wood



Teak Wood



Black Oak Wood



Walnut Wood

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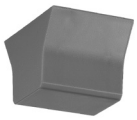
Specification subject to change. Rev-02-27-24

BOOM-SINGLE (01)

Linear Fixtures - Suspended

Painted End Cap Finishes

GREY



RAL 9018

BLACK



RAL 9011

MATTE WHITE

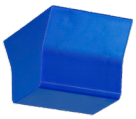
RAL 9003

RED



RAL 3028

BLUE



Q-Blue

YELLOW

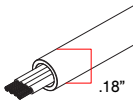


Q-Yellow

Power Feed

WH	BK	SV
White	Black	Silver

4 CONDUCTOR
- 24 AWG
- DRY, DMP, WET
- Indoor/Outdoor
- CL3 / CM
- 48" Standard length



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BOOM-SINGLE (01)

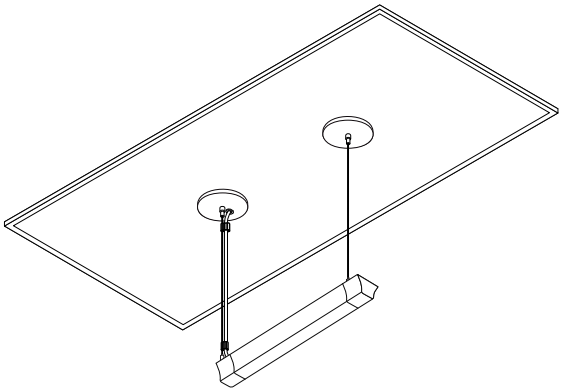
Linear Fixture Suspended Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

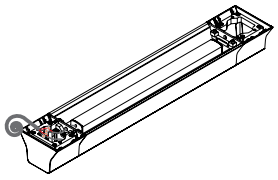
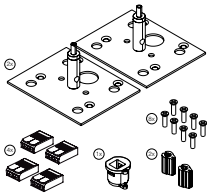
- Direct/Indirect fixture
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale
- Product to be installed by a licensed electrician
- Indoor location only
- Diagrams for representation only and not to scale

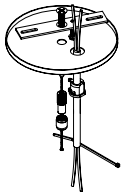
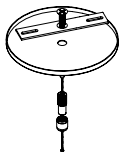
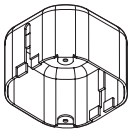
METHODS OF INSTALLATION

- **FIXTURE PREP:** PAGE 2
- **SURFACE & SUSPENSION PREP:** PAGE3-6
- **MOUNTING:** PAGE7-10
- **FINISHING FIXTURE:** PAGE 11
- **WIRING DIAGRAM:** PAGE 12-13

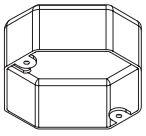
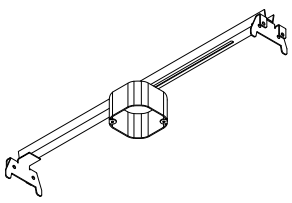


COMPONENTS & HARDWARE

ASSEMBLY A FIXTURE	BOOM01-SINGLE KIT
	

J-BOX FEED	J-BOX NON-FEED	TBAR-J-BOX FEED
		

TBAR-NON-FEED	LAG SCREW-NON-FEED
	

STANDARD J-BOX	TBAR-J-BOX HANGER
	

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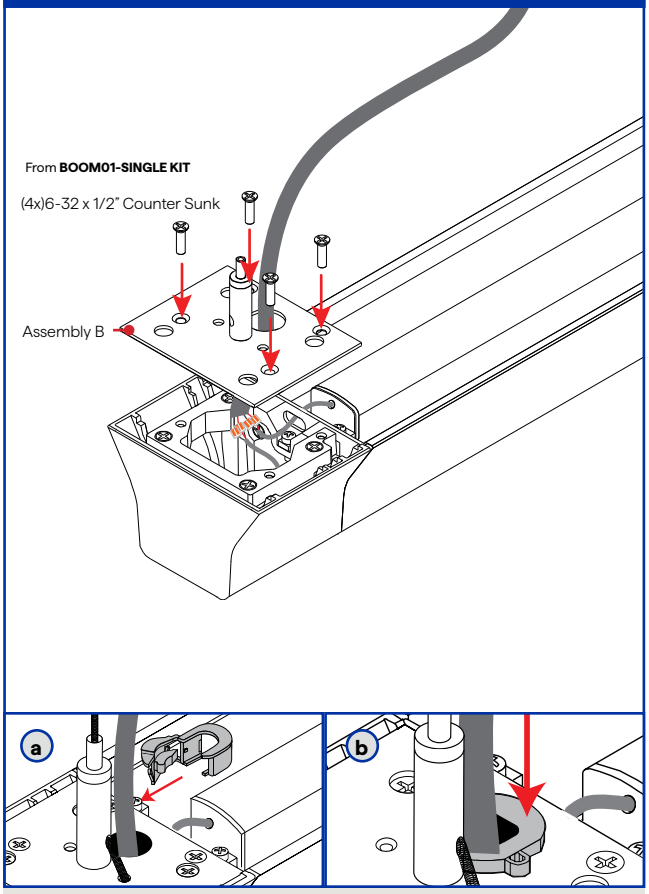
BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

FIXTURE PREP

POWER FEED / NON-FEED: J-BOX, TBAR-J-BOX GRID, TBAR-J-BOX-HANGER / LAG SCREW

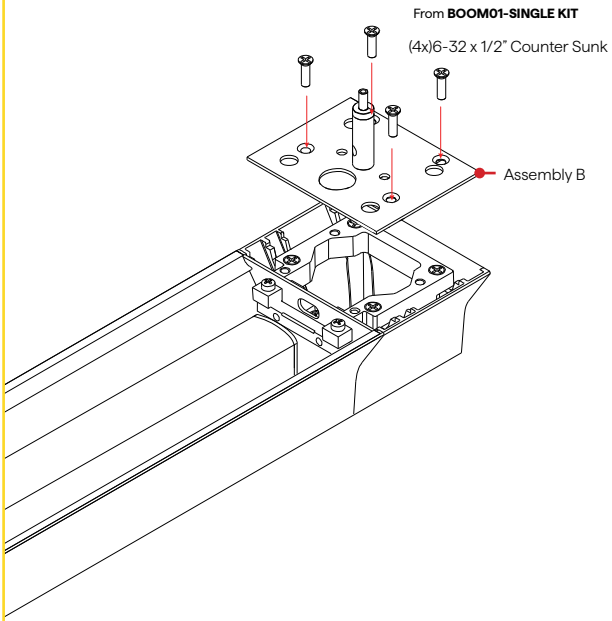
POWER FEED



- Install (4x)6-32 x 1/2" Counter Sunk screws and assembly B onto fixture ends.
- Route feed cable through the hole shown.
- **a:** From feed side snap strain relief around cable .
- **b:** Push down strain relief into plate.

see page 4 for J-BOX prep.
see page 5 for TBAR-J-BOX-GRID prep.
see page 6 for TBAR-J-BOX-HANGER prep.

NON-FEED



- Install (4x)6-32 x 1/2" Counter Sunk screws and assembly B onto fixture ends.

see page 10 for LAG SCREW mount.

Number of lead wires will vary based on light engine and control circuit selection. See wiring diagram on page 12-13 for connection reference.

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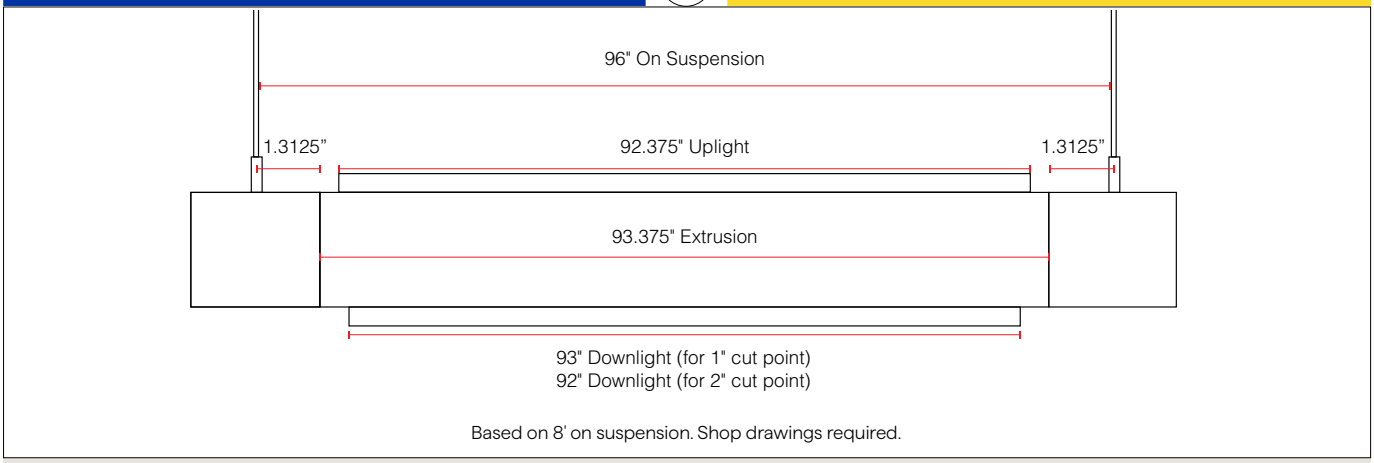
BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

SURFACE PREP

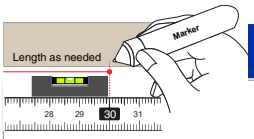
POWER FEED / NON-FEED

POWER FEED | 1 | NON-FEED

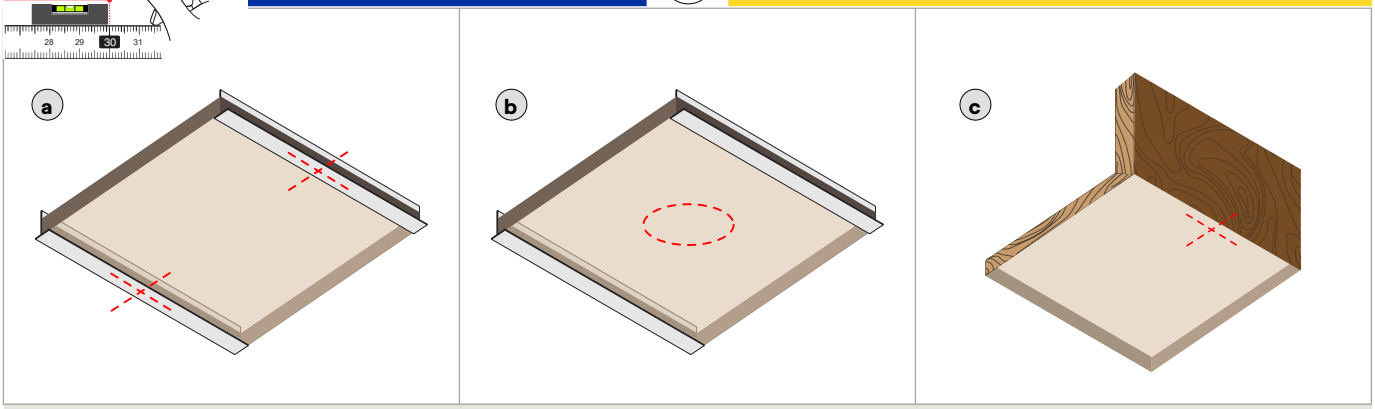


- Fixture order length is based on length between suspension points.

NOTE: If feeds are on both sides of fixture, repeat feed side installation on opposite side.



2



- **a:** Determine the BOOM location and positioning on desired surface before mounting. Make any necessary reference markings to indicate placement (see page 8 for TBAR-J-BOX-GRID).
- **b:** Cut 2 holes in the ceiling at desired location for junction box mounting per size of junction box (see page 7 for J-BOX or page 9 TBAR-J-BOX-HANGER).
- **c:** Determine the BOOM location and positioning on desired surface before mounting. Make any necessary reference markings to indicate placement (see page 10 for LAG SCREW).

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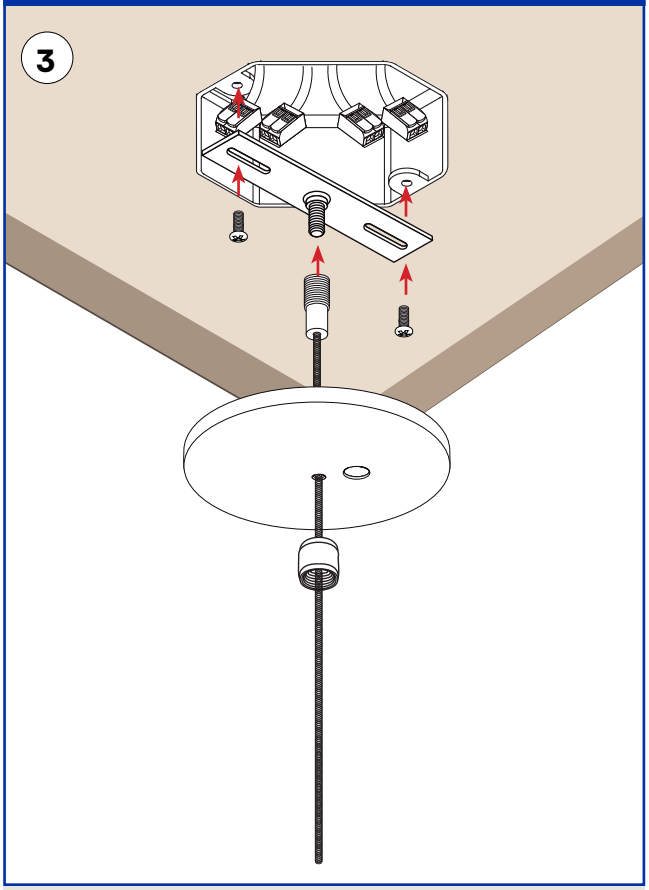
BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

SUSPENSION PREP: J-BOX

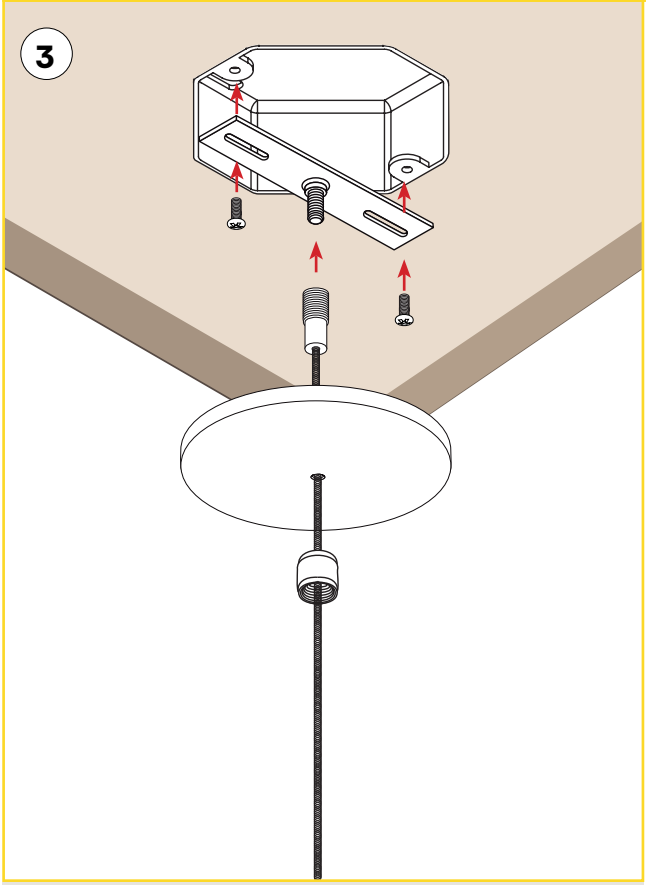
POWER FEED / NON-FEED

POWER FEED



- Install the junction box per original manufacturer's instructions.
- Feed wire from the power supply into the mounted junction box.
- Connect supplied Wagos to the lead wire from the power supply.
- Mount the cross bar into the junction box on feed side.
- Using a feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from feed side.
- If fed from both ends, repeat steps above.

NON-FEED



- Install the junction box per original manufacturer's instructions.
- Mount the cross bar into the junction box on non-feed side.
- Using a non-feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from non-feed side.

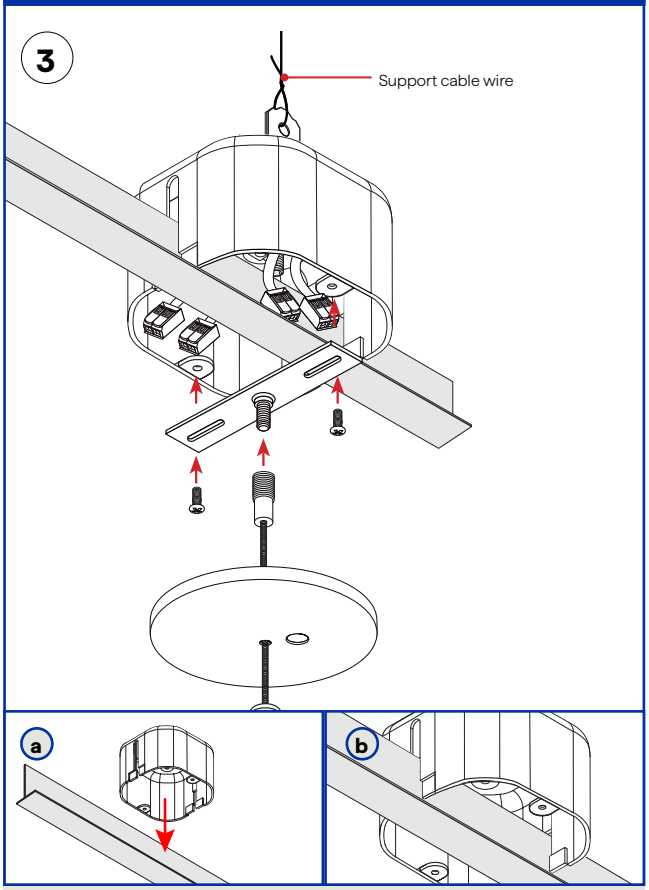
Number of lead wires will vary based on light engine and control circuit selection. See wiring diagram on page 12-13 for connection reference.

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SUSPENSION PREP: TBAR-J-BOX GRID

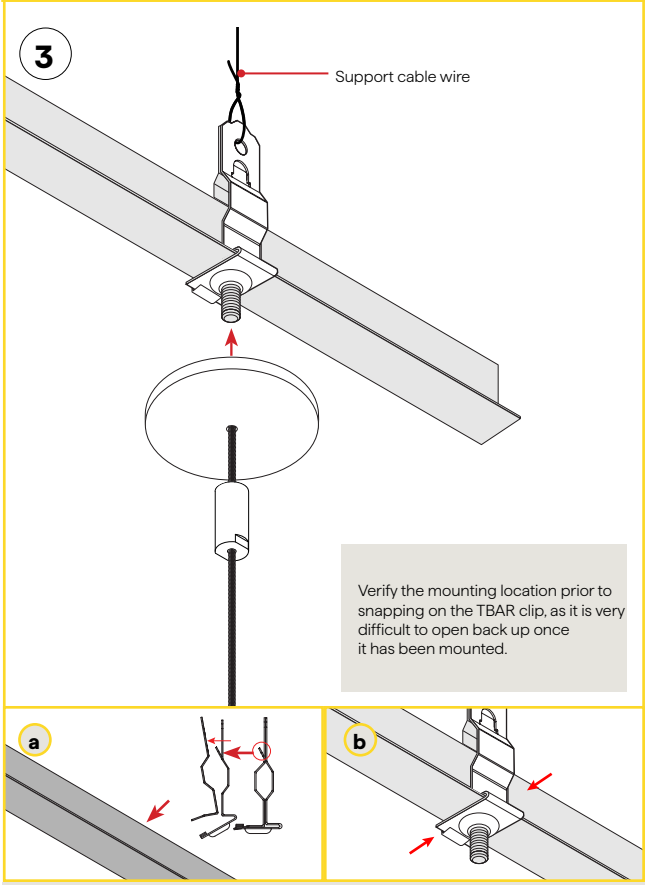
POWER FEED / NON-FEED

POWER FEED



- **a:** Pick a location on TBAR to mount TBAR-J-BOX
- **b:** Install the junction box per original manufacturer's instructions.
- Feed wire from the power supply into mounted junction box and connect supplied Wagos to the lead wire.
- Mount the cross bar into the junction box on feed side.
- Using a feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from feed side.
- If fed from both ends, repeat steps above.

NON-FEED



- **a:** Push upward on the highlighted tab as you squeeze the bottom tab to open up the TBAR clip.
- **b:** Wrap the two parts of the clip around the TBAR, then push inward on the highlighted tab to snap them together in place.
- Install the TBAR-non-feed per original manufacturer's instructions.
- Slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Using a non-feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from non-feed side.

Number of lead wires will vary based on light engine and control circuit selection. See wiring diagram on page 12-13 for connection reference.

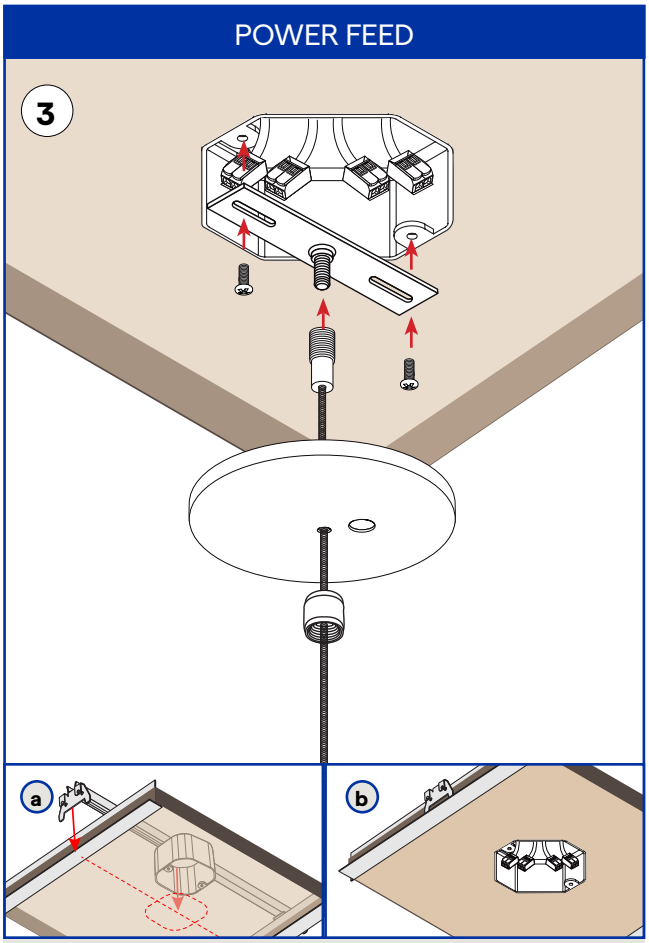
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BOOM-SINGLE (01)

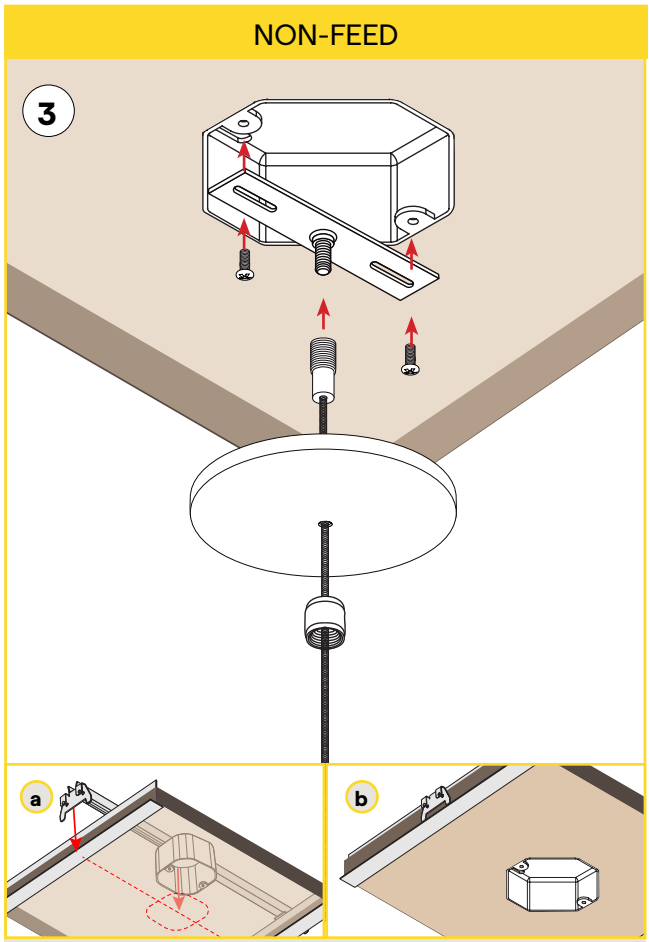
Linear Fixture Suspended Installation Instructions

SUSPENSION PREP: TBAR-J-BOX HANGER

POWER FEED / NON-FEED



- **a:** Pick a location on TBAR to mount TBAR-J-BOX HANGER
- **b:** Install the junction box per original manufacturer's instructions.
- Feed wire from the power supply into mounted junction box and connect supplied Wagos to the lead wire.
- Mount the cross bar into the junction box on feed side.
- Using a feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from feed side.
- If fed from both ends, repeat steps above.



- **a:** Pick a location on TBAR to mount TBAR-J-BOX HANGER
- **b:** Install the junction box per original manufacturer's instructions.
- Mount the cross bar into the junction box on non-feed side.
- Using a non-feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.
- Screw the top part of the coupler into the crossbar's 1/4"-20 screw from non-feed side.

Number of lead wires will vary based on light engine and control circuit selection. See wiring diagram on page 12-13 for connection reference.

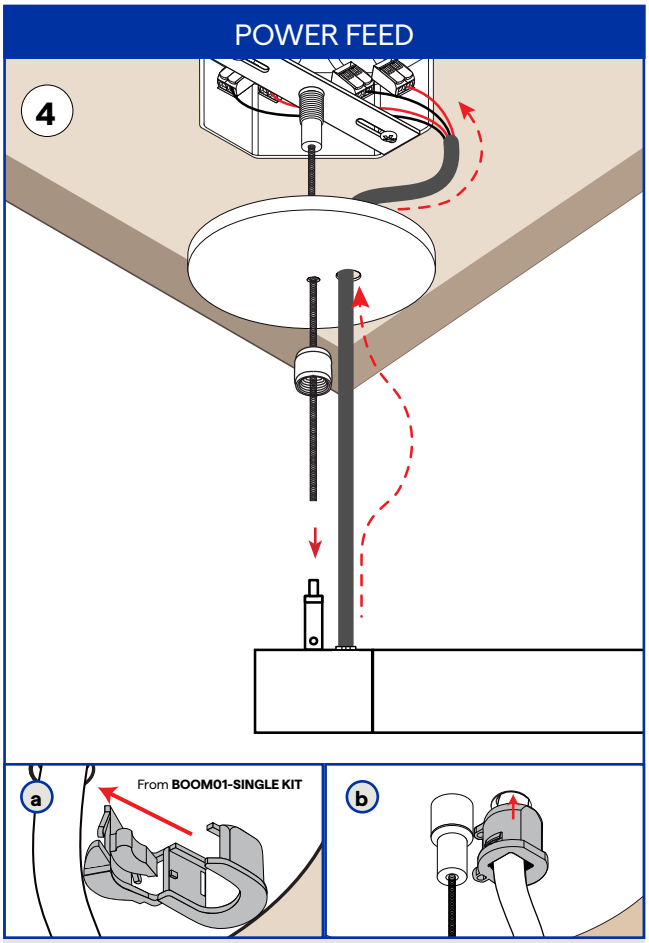
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BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

SUSPENSION MOUNT: J-BOX

POWER FEED / NON-FEED

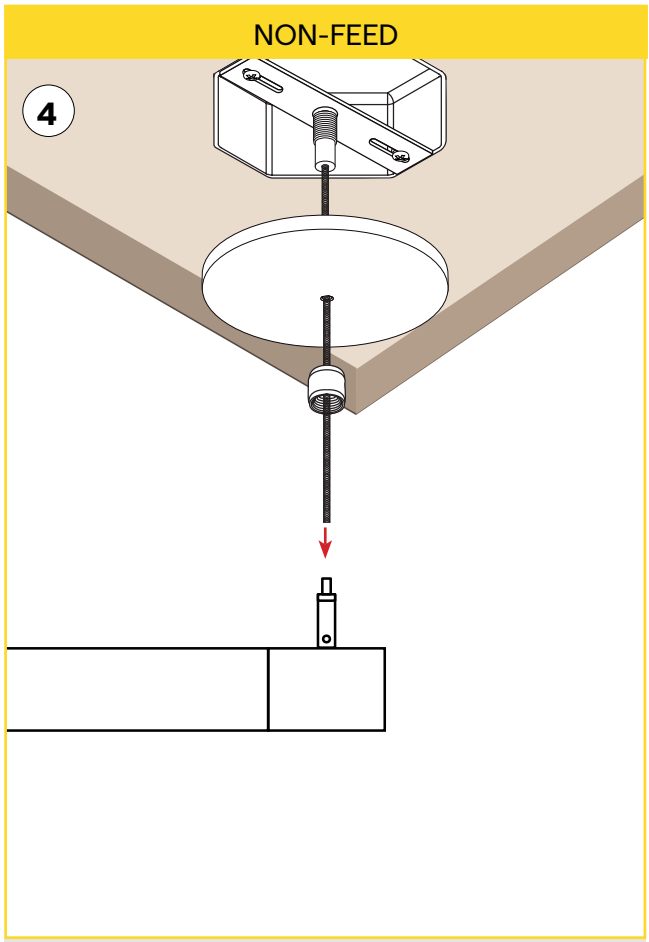


- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Take the power cable from the BOOM, feed through the canopy.
- Connect to the Wago, within J-BOX.
- Number of the lead wires will vary based on light engine and control circuit selection.

  Make sure the fixture is at the desired height and is level. Allow for 2”-4” of non-stripped wire for adjustments before trimming.
- **a:** Snap on the wire strain to the BOOM fixture’s lead wire and push into the canopy.
- **b:** Screw in the bottom piece of the couplers for both feeds, this should pull the canopy toward the ceiling’s surface.

See wiring diagram on page 12-13 for connection reference.

Proceed to page 11 for finishing fixture details.



- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Screw in the bottom piece of the couplers for both feeds, this should pull the canopy toward the ceiling’s surface.

Proceed to page 11 for finishing fixture details.

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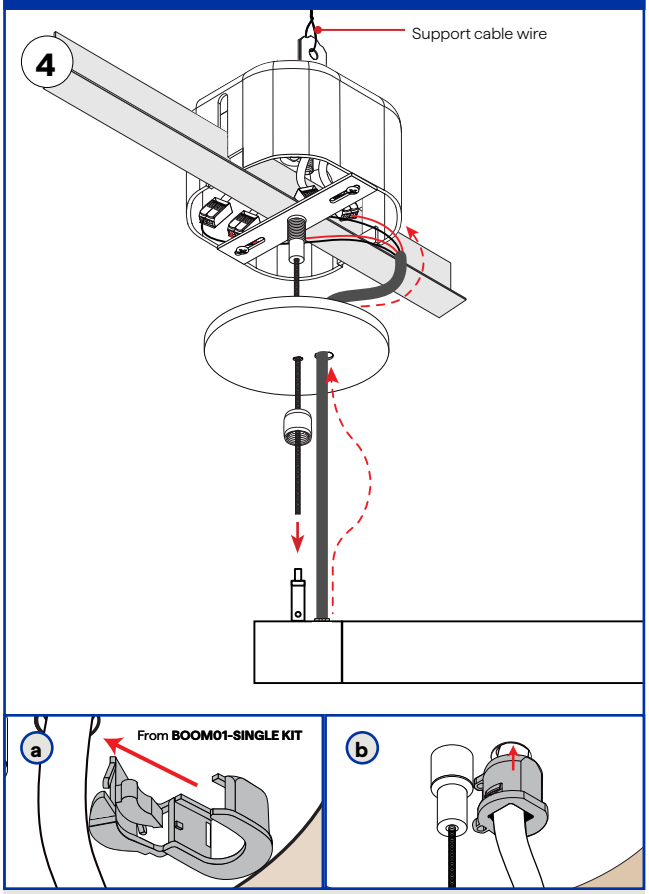
BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

SUSPENSION MOUNT: TBAR-J-BOX GRID

POWER FEED / NON-FEED

POWER FEED



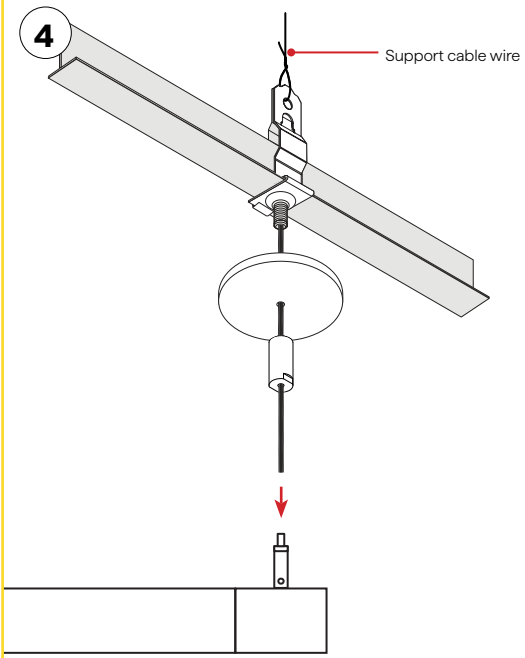
- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
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See wiring diagram on page 12-13 for connection reference.

Proceed to page 11 for finishing fixture details.

NON-FEED



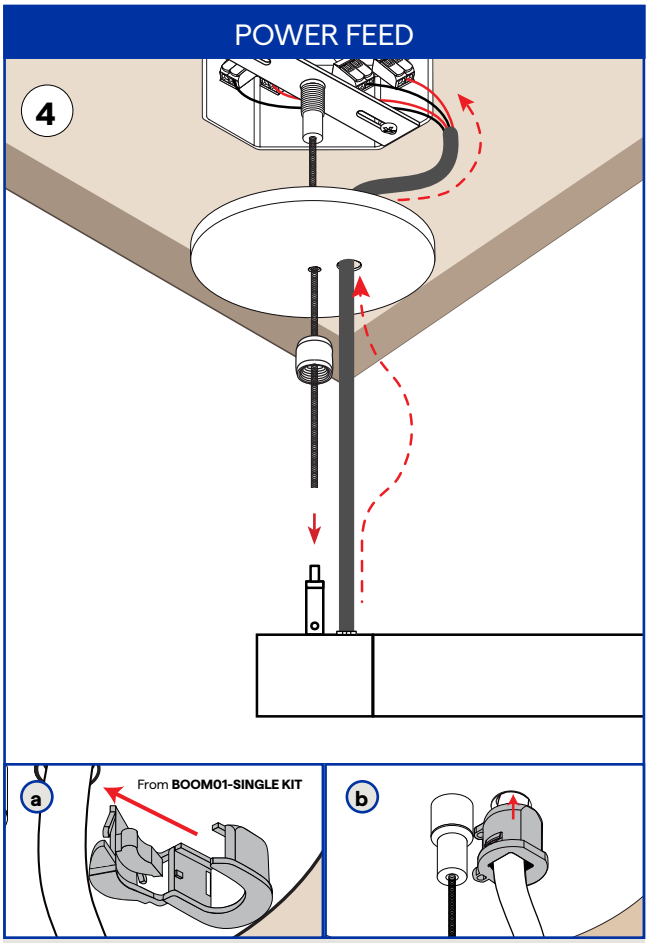
- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Screw in the bottom piece of the couplers for both feeds, this should pull the canopy toward the ceiling’s surface.

Proceed to page 11 for finishing fixture details.

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SUSPENSION MOUNT: TBAR-J-BOX HANGER

POWER FEED / NON-FEED

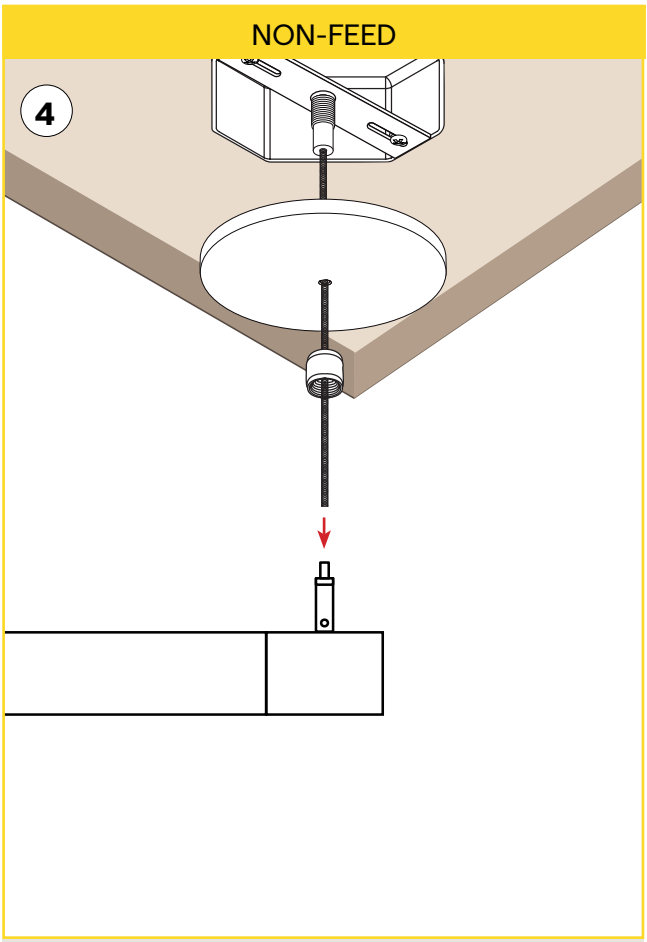


- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Take the power cable from the BOOM, feed through the canopy.
- Connect to the Wago, within J-BOX.
- Number of the lead wires will vary based on light engine and control circuit selection.

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See wiring diagram on page 12-13 for connection reference.

Proceed to page 11 for finishing fixture details.



- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Screw in the bottom piece of the couplers for both feeds, this should pull the canopy toward the ceiling’s surface.

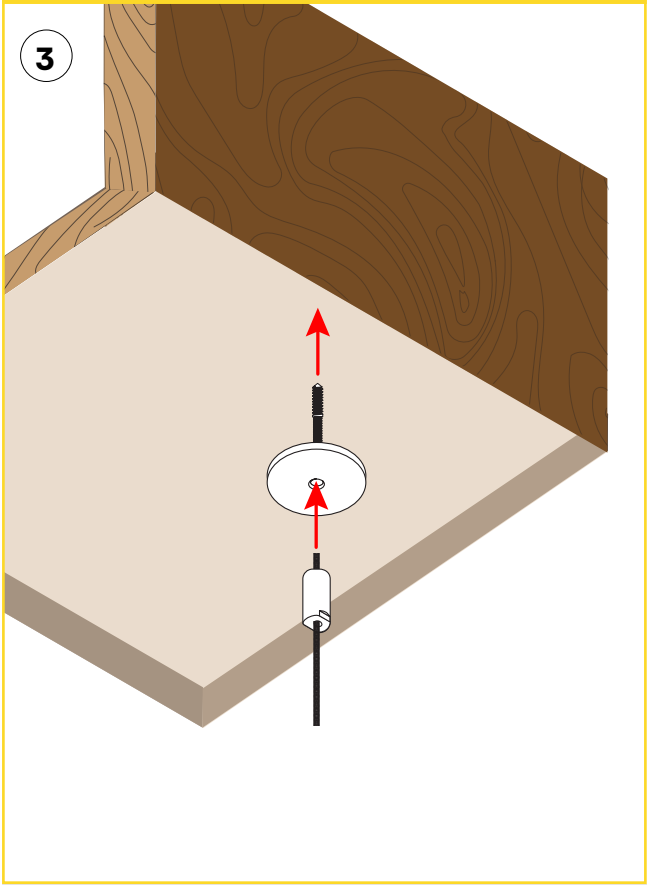
Proceed to page 11 for finishing fixture details.

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SUSPENSION MOUNT: LAG SCREW

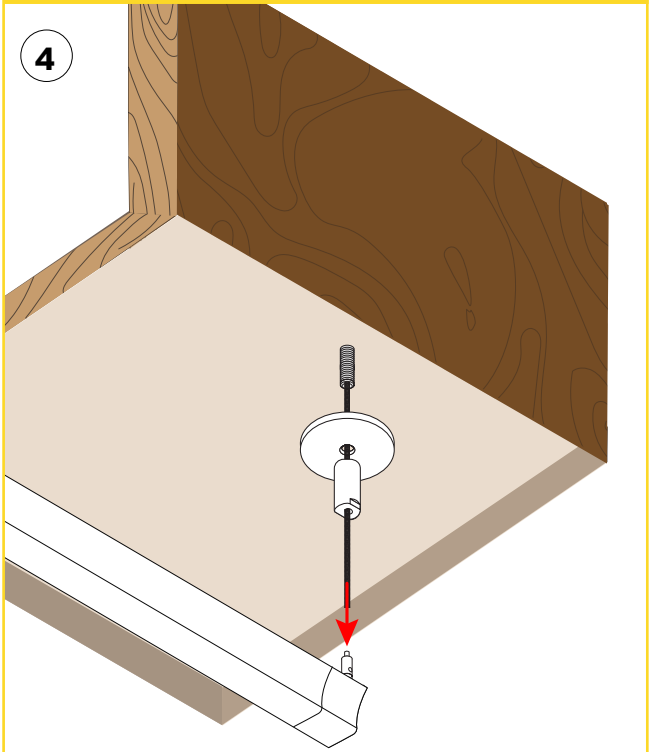
NON-FEED: cannot be used with J-BOX and TBAR installations.

NON-FEED



- Using a non-feed canopy slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.

NON-FEED



- Mount fixture by inserting braided cable into the gripper on the fixture. Repeat on the other side.
- Screw in the bottom piece of the couplers for both feeds, this should pull the canopy toward the ceiling's surface.

Make sure the fixture is at the desired height and is level. Allow for 2"-4" of non-stripped wire for adjustments before trimming.

Proceed to page 11 for finishing fixture details.

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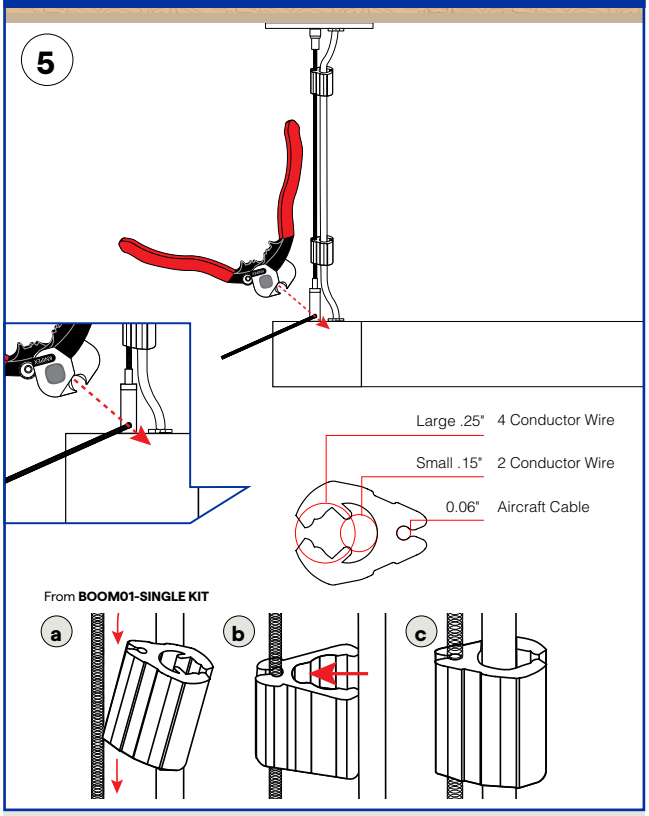
BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

FINISHING FIXTURE

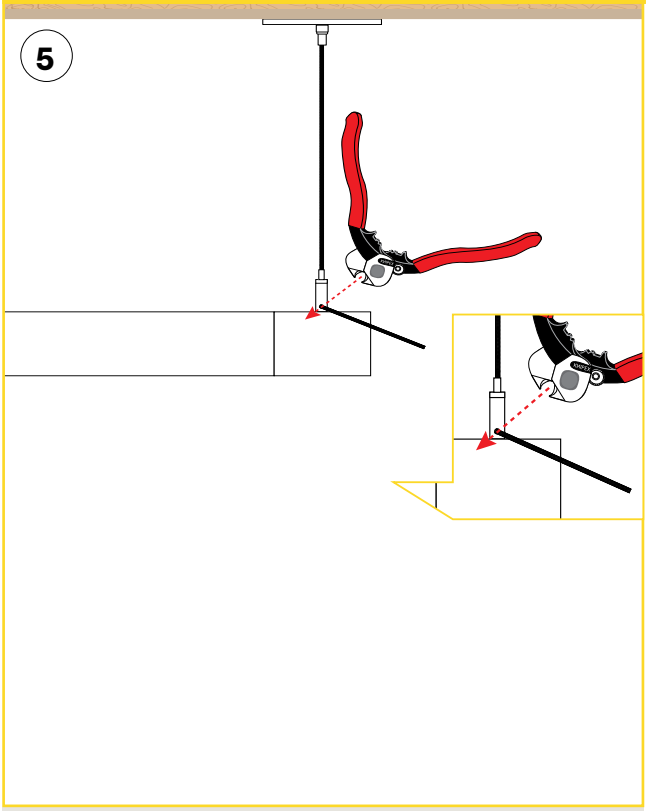
POWER FEED / NON-FEED: J-BOX, TBAR-J-BOX GRID, TBAR-J-BOX-HANGER / LAG SCREW

POWER FEED



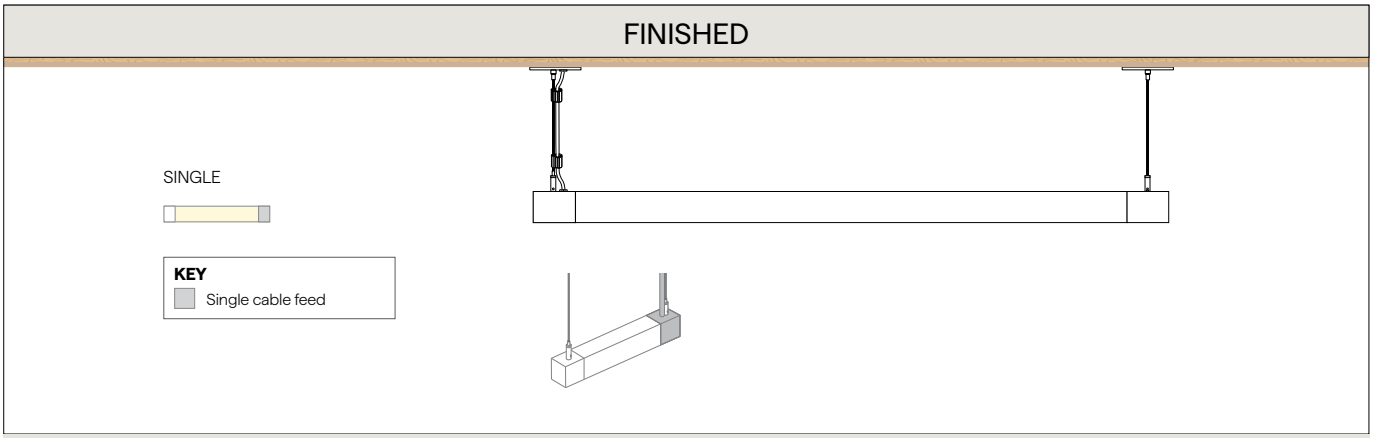
- Adjust level before trimming excess braided cable on feed side. Use Knipex Air Craft cable cutter - Not included with shipping.
- Using the supplied cable stays, secure the power feed to the suspension cable (a-c).

NON-FEED



- Adjust level before trimming excess braided cable on non-feed side. Use Knipex Air Craft cable cutter - Not included with shipping.

FINISHED



- Fixture complete.

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BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

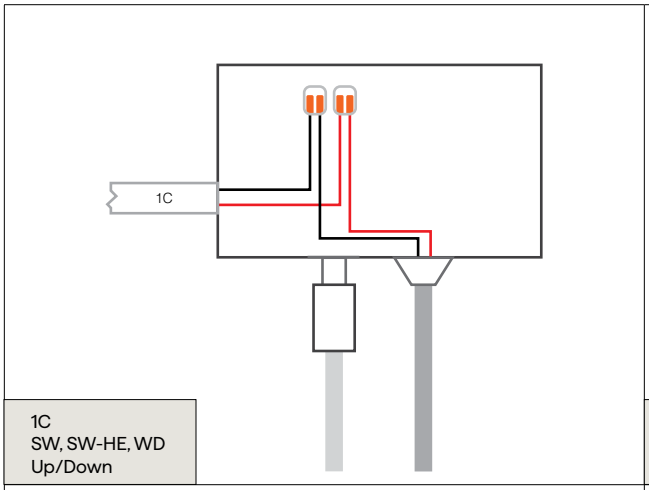
WIRING DIAGRAMS: SINGLE CONTROL

Up Light and Down Light controlled together.

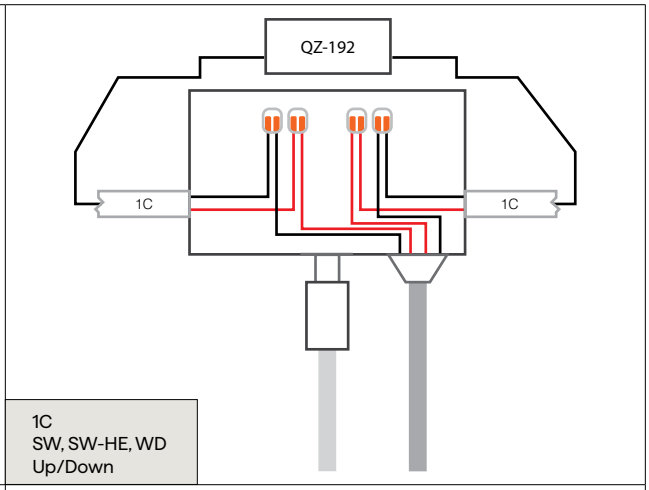
NOTE: Diagrams for representation only and not to scale.

Power Location-2 Feed	Power Location-1 Feed	Power Location-No	Assemble	Circuit	Suspension Cable	Power Feed

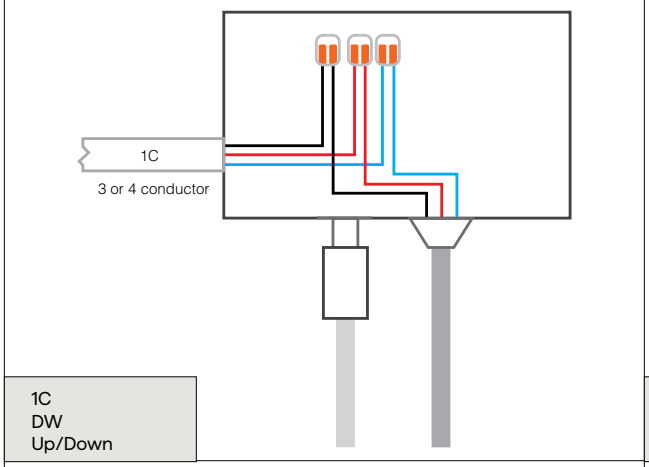
Color KEY					
2 Conductors		3 Conductors		4 Conductors	
WT/BK Conductors	Silver Conductors	WT/BK Conductors	Silver Conductors	WT/BK Conductors	Silver Conductors



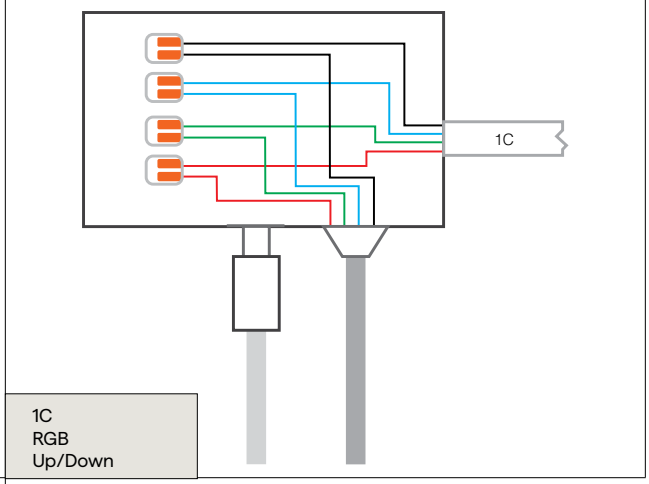
1C
SW, SW-HE, WD
Up/Down



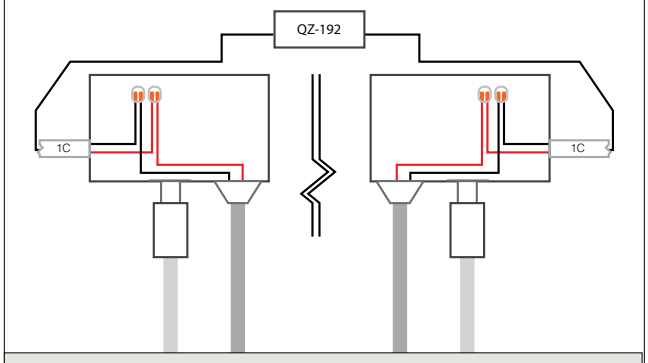
1C
SW, SW-HE, WD
Up/Down



1C
DW
Up/Down



1C
RGB
Up/Down



1C (1C feed on each end from 1 power supply in the middle)
SW
Up/Down

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BOOM-SINGLE (01)

Linear Fixture Suspended Installation Instructions

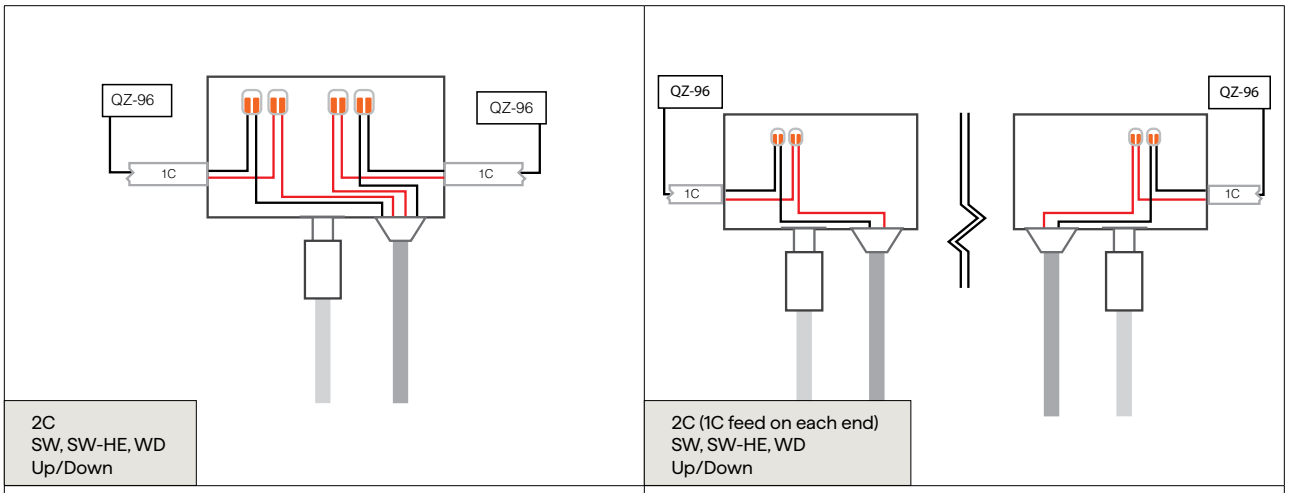
WIRING DIAGRAMS: SEPARATE CONTROL

Up Light and Down Light controlled separately.

NOTE: Diagrams for representation only and not to scale.

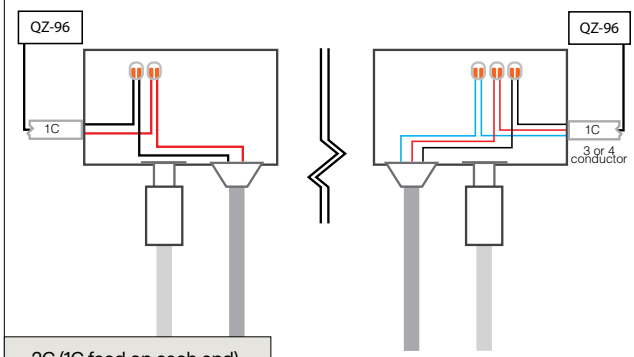
Power Location-2 Feed	Power Location-1 Feed	Power Location-No	Assemble	Circuit	Suspension Cable	Power Feed
						

Color KEY					
2 Conductors		3 Conductors		4 Conductors	
WT/BK Conductors	Silver Conductors	WT/BK Conductors	Silver Conductors	WT/BK Conductors	Silver Conductors

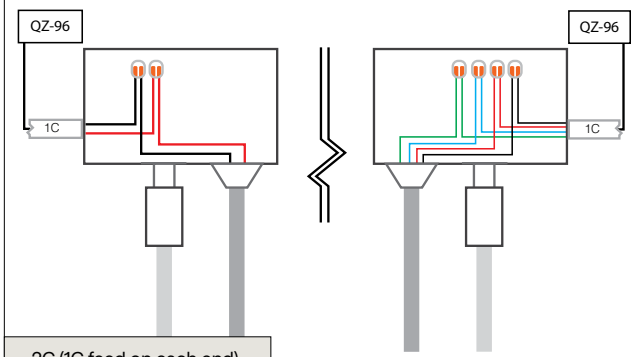


2C
SW, SW-HE, WD
Up/Down

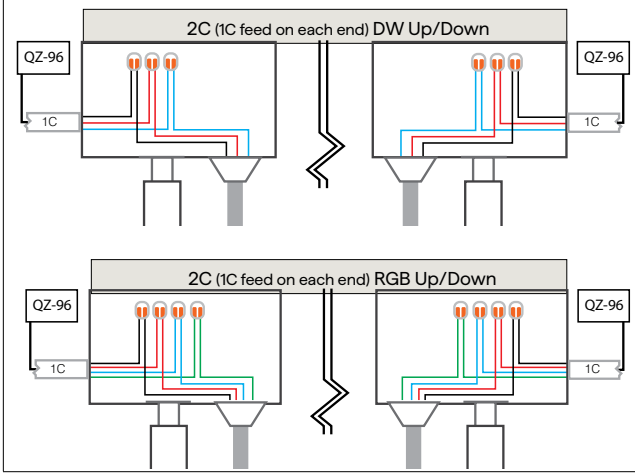
2C (1C feed on each end)
SW, SW-HE, WD
Up/Down

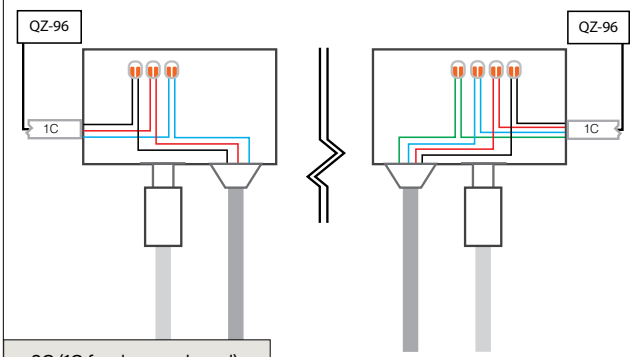


2C (1C feed on each end)
SW, SW-HE, WD Down/
DW Up



2C (1C feed on each end)
SW, SW-HE, WD Down/
RGB Up





2C (1C feed on each end)
DW Down/ RGB Up or
DW Up/ RGB Down

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BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Lens Down External

BOOM01-DOWN-SW-1.5HE-30-DF

3057 K

CRI: 97.6

CRI R9: 97.9

TM30 Rf: 93.1

TM30 Rg: 99.5

CQS: 95.0

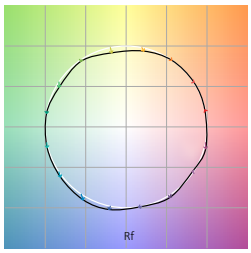
X: 0.432

Y: 0.401

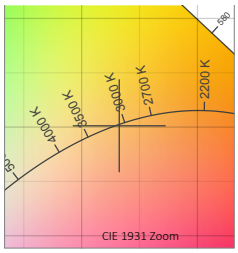
U: 0.249

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	98.4	98.1	98.1	97.4	96.3	97.2	97.5	97.9	98.6	96.7	81.9	97.3	97.8	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	95.8	93.5	92.9	94.0	95.6	97.7	98.1	97.5	97.8	97.8	97.1	97.6	95.9	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.1	96.2	92.4	92.3	96.5	90.0	95.7	91.4	89.1	90.4	92.6	94.3	93.1	91.3	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	97	-2%	2%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	6%
11	90	5%	6%
12	93	4%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

BOOM01-DOWN-SW-3.0HE-30-DF

3083 K

CRI: 97.7

CRI R9: 98.0

TM30 Rf: 94.3

TM30 Rg: 100.6

CQS: 95.3

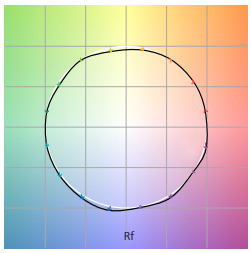
X: 0.429

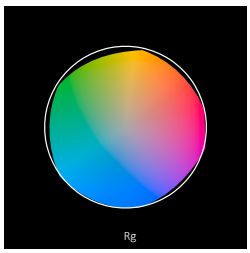
Y: 0.397

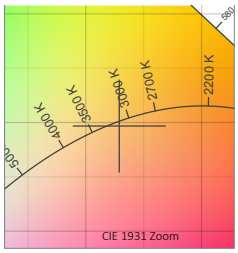
U: 0.249

V: 0.345

Δuv: -0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.1	98.3	97.6	98.6	97.5	96.3	98.1	98.3	98.0	98.6	96.8	83.7	97.1	97.5	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.7	92.6	92.5	94.6	97.2	96.0	97.2	97.4	97.6	97.8	98.4	98.3	95.8	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.5	96.8	94.5	93.6	97.2	93.0	97.6	93.2	90.5	91.6	92.6	95.3	93.9	92.7	91.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	94	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	98	0%	2%
9	93	1%	5%
10	91	2%	6%
11	92	3%	5%
12	93	5%	-1%
13	95	1%	-3%
14	94	3%	-3%
15	93	0%	-1%
16	92	2%	-7%

BOOM01-DOWN-SW-6.0HE-30-DF

3071 K

CRI: 98.0

CRI R9: 96.4

TM30 Rf: 94.0

TM30 Rg: 100.3

CQS: 95.4

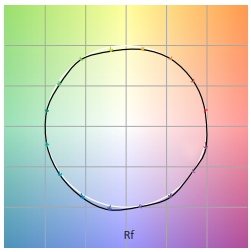
X: 0.431

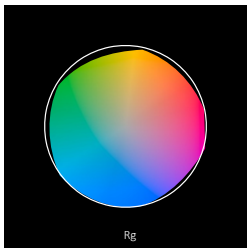
Y: 0.400

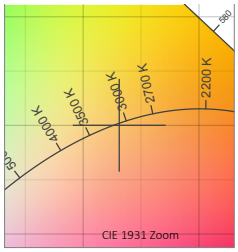
U: 0.249

V: 0.346

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.1	97.4	98.8	98.2	96.9	98.0	97.9	96.4	99.8	96.6	82.9	98.0	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	96.5	92.6	92.7	94.9	97.4	96.4	97.5	97.5	97.8	98.4	97.9	98.1	96.1	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.6	96.7	94.2	93.4	97.2	92.7	97.2	93.0	90.3	91.2	92.1	94.8	93.0	92.0	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	97	0%	2%
9	93	1%	5%
10	90	1%	6%
11	91	3%	5%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	92	0%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Lens Down External

BOOM01-DOWN-SW-9.0HE-30-DF

3069 K

CRI: 98.1

CRI R9: 97.8

TM30 Rf: 94.3

TM30 Rg: 100.7

CQS: 95.4

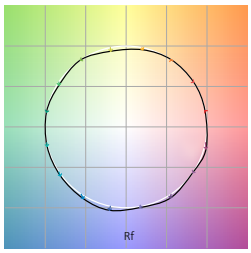
X: 0.431

Y: 0.399

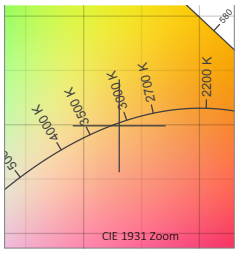
U: 0.249

V: 0.346

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.1	97.1	98.7	98.2	97.0	98.4	98.5	97.8	99.6	96.4	83.5	97.9	97.3	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	96.9	92.3	92.6	95.2	98.0	95.7	97.2	97.3	97.4	98.0	98.2	98.2	96.2	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.7	96.8	94.8	93.7	97.2	93.2	97.8	93.6	90.8	91.2	92.4	95.4	93.4	92.5	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-2%
5	94	-5%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	1%	5%
10	91	1%	5%
11	91	3%	5%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	93	0%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-27-24

BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Uplight

1.5HE W/FT

BOOM01-UP-SW-1.5HE-30-145D

3104 K

CRI: 97.8

CRI R9: 96.4

TM30 Rf: 93.1

TM30 Rg: 99.5

CQS: 94.9

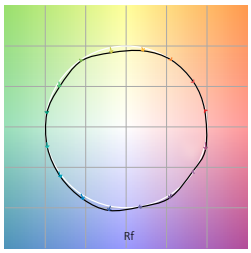
X: 0.429

Y: 0.400

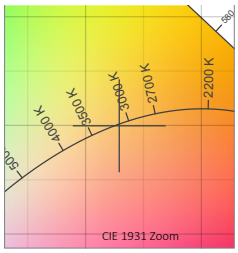
U: 0.247

V: 0.346

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	98.8	98.0	98.7	97.9	96.7	97.2	97.3	96.4	99.6	98.0	81.4	98.0	97.8	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	96.1	92.8	91.9	93.4	95.6	97.3	97.6	97.7	98.2	98.4	98.0	98.2	96.0	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.2	96.6	92.9	92.5	96.8	90.5	95.9	91.3	88.5	90.5	91.8	94.4	92.7	91.3	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	92	-6%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	-1%	3%
9	91	0%	6%
10	89	2%	7%
11	90	4%	6%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

BOOM01-UP-SW-1.5HE-30-170D

3091 K

CRI: 97.8

CRI R9: 96.7

TM30 Rf: 93.0

TM30 Rg: 99.6

CQS: 95.0

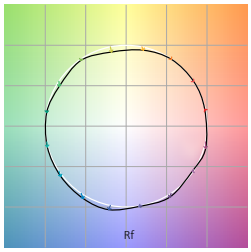
X: 0.430

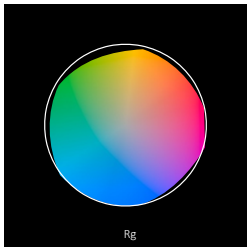
Y: 0.400

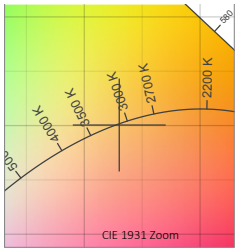
U: 0.248

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.8	98.6	97.8	96.7	97.3	97.4	96.7	99.6	97.3	81.2	97.8	97.7	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	96.1	92.8	92.2	93.7	95.8	97.3	97.8	97.6	98.2	98.3	97.6	97.9	96.0	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.2	96.4	92.7	92.3	96.7	90.3	95.9	91.3	88.6	90.5	91.7	94.4	92.7	91.2	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	92	-7%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	7%
11	90	4%	6%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-27-24

BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Uplight

3.0HE W/FT

BOOM01-UP-SW-3.0HE-30-145D

3091 K

CRI: 98.0

CRI R9: 96.4

TM30 Rf: 93.4

TM30 Rg: 99.5

CQS: 95.2

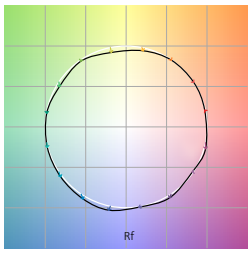
X: 0.431

Y: 0.401

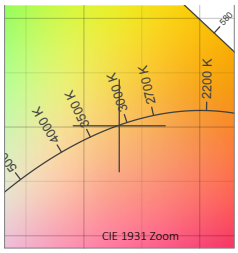
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.0	97.8	98.7	98.0	97.1	97.5	97.5	96.4	99.8	97.7	82.5	98.2	97.7	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	96.1	93.2	92.6	93.9	95.9	97.5	97.9	97.5	97.9	98.3	97.6	97.9	96.3	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.7	93.1	92.7	96.8	90.8	96.0	91.8	89.2	91.1	92.1	94.6	93.1	91.6	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	5%
8	96	0%	3%
9	92	0%	6%
10	89	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	95	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

BOOM01-UP-SW-3.0HE-30-170D

3081 K

CRI: 97.8

CRI R9: 96.2

TM30 Rf: 92.6

TM30 Rg: 99.1

CQS: 94.7

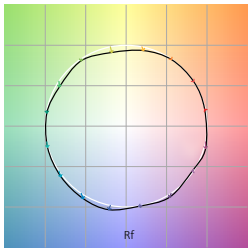
X: 0.432

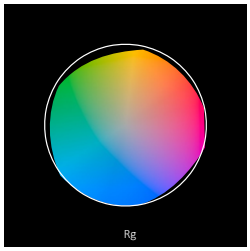
Y: 0.402

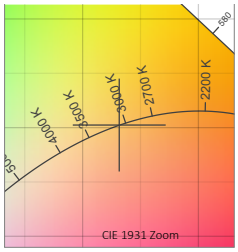
U: 0.248

V: 0.347

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.1	97.7	98.4	97.9	97.1	97.2	97.2	96.2	99.6	98.0	80.7	98.2	97.6	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.6	95.8	92.9	91.9	93.2	95.0	97.8	98.0	97.0	97.0	98.0	97.3	97.7	96.3	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.5	97.1	96.4	92.1	91.8	96.1	89.2	95.2	90.6	87.8	90.1	91.7	94.3	92.6	90.8	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	89	-5%	5%
8	95	-1%	3%
9	91	0%	7%
10	88	2%	7%
11	90	4%	6%
12	92	6%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-27-24

BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Uplight

6.0HE W/FT

BOOM01-UP-SW-6.0HE-30-145D

3077 K

CRI: 98.0

CRI R9: 90.9

TM30 Rf: 93.4

TM30 Rg: 99.5

CQS: 95.0

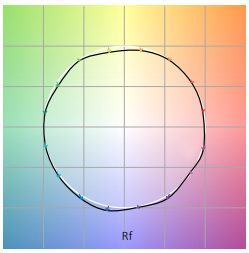
X: 0.432

Y: 0.402

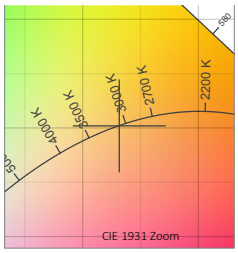
U: 0.248

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.7	97.7	99.1	98.3	97.3	97.1	95.7	90.9	98.6	98.3	81.8	99.2	97.7	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	96.2	92.4	91.9	93.9	96.2	96.8	97.3	97.8	97.7	98.1	98.3	98.4	95.8	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.3	96.8	93.7	92.9	97.1	91.7	96.4	92.1	89.1	90.5	91.7	94.2	92.2	91.3	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-4%	4%
8	96	0%	2%
9	92	0%	6%
10	89	1%	6%
11	91	3%	6%
12	92	5%	-1%
13	94	1%	-4%
14	92	3%	-5%
15	91	-1%	-2%
16	90	1%	-8%

BOOM01-UP-SW-6.0HE-30-170D

3070 K

CRI: 98.0

CRI R9: 91.0

TM30 Rf: 93.4

TM30 Rg: 99.6

CQS: 95.0

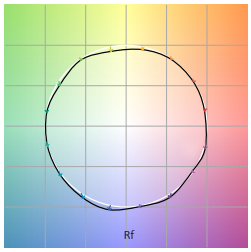
X: 0.432

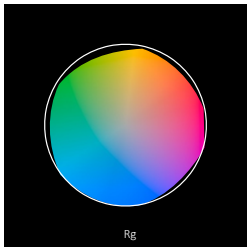
Y: 0.402

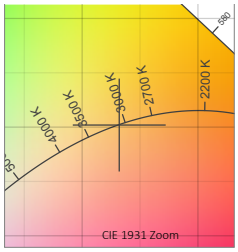
U: 0.248

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.7	97.6	99.2	98.3	97.3	97.1	95.8	91.0	98.5	98.3	81.9	99.2	97.7	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	96.3	92.3	91.8	93.9	96.3	96.7	97.2	97.7	97.7	98.0	98.4	98.4	95.8	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.3	96.8	93.8	93.0	97.1	91.9	96.5	92.2	89.2	90.6	91.7	94.3	92.2	91.3	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-4%	4%
8	97	0%	2%
9	92	0%	6%
10	89	1%	6%
11	91	3%	6%
12	92	5%	-1%
13	94	1%	-4%
14	92	3%	-5%
15	91	-1%	-2%
16	90	1%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-27-24

BOOM-SW-HE (01)

Suspended Linear Fixture Color Data - Uplight

9.0HE W/FT

BOOM01-UP-SW-9.0HE-30-145D

3060 K

CRI: 98.2

CRI R9: 92.0

TM30 Rf: 93.5

TM30 Rg: 99.6

CQS: 95.0

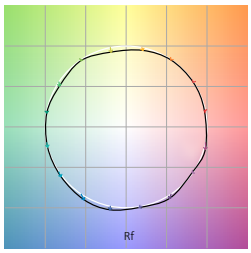
X: 0.433

Y: 0.402

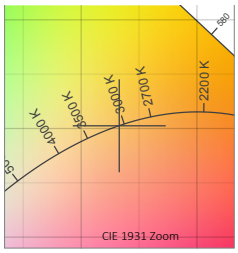
U: 0.249

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.8	97.4	99.3	98.4	97.5	97.5	96.3	92.0	98.2	98.2	82.1	99.2	97.5	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.1	96.4	92.3	91.9	94.0	96.4	96.6	97.3	97.6	97.6	98.0	98.3	98.4	96.0	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.8	93.9	93.0	97.2	92.1	96.7	92.3	89.3	90.0	92.4	94.6	92.4	91.5	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	89	1%	6%
11	90	4%	7%
12	92	4%	0%
13	95	1%	-4%
14	92	3%	-5%
15	92	-1%	-2%
16	90	1%	-8%

BOOM01-UP-SW-9.0HE-30-170D

3051 K

CRI: 98.1

CRI R9: 91.9

TM30 Rf: 93.6

TM30 Rg: 99.7

CQS: 95.0

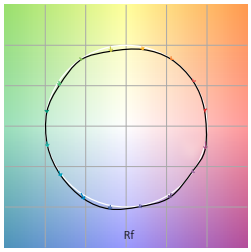
X: 0.433

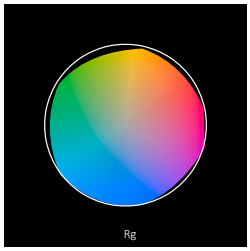
Y: 0.402

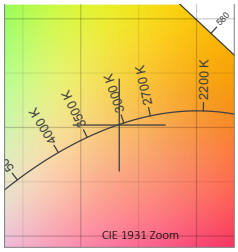
U: 0.249

V: 0.347

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.8	97.5	99.4	98.4	97.4	97.4	96.3	91.9	98.4	98.2	82.2	99.2	97.6	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	96.4	92.2	91.8	94.0	96.5	96.4	97.1	97.6	97.5	97.9	98.4	98.4	95.9	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.8	94.0	93.1	97.2	92.3	96.8	92.4	89.4	90.1	92.4	94.6	92.4	91.6	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	89	1%	6%
11	90	4%	7%
12	92	4%	0%
13	95	1%	-4%
14	92	3%	-5%
15	92	-1%	-2%
16	90	1%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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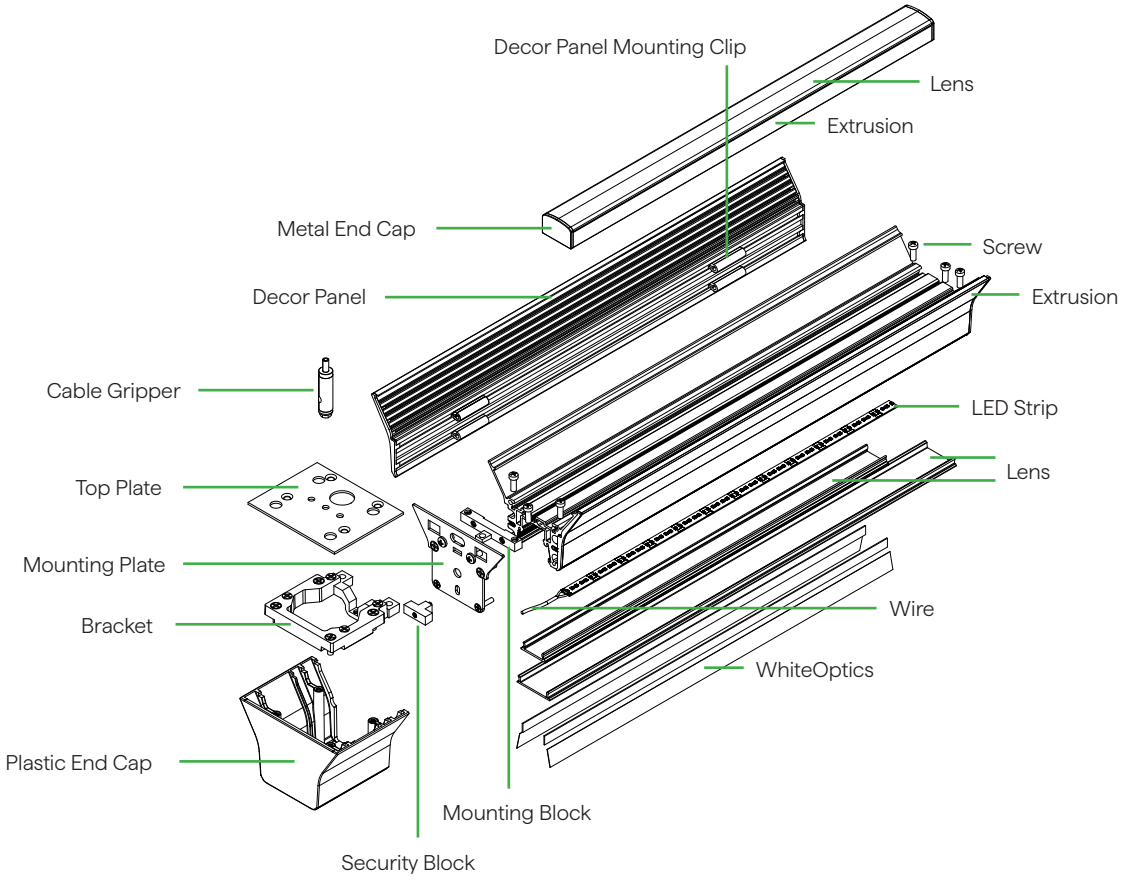
Specification subject to change. Rev-02-27-24

MATERIAL RECYCLING

BOOM

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



7

Lenses
Plastic End Caps
Decor Panel Mounting Clips

E

LED Strips
Wires

41

Extrusions
Decor Panels
Metal End Caps
Brackets
Security Blocks
Mounting Blocks

40

Top Plates
Cable Grippers
Mounting Plates
Screws

21

PAP

WhiteOptics

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