

## IMPORTANT SAFETY INSTRUCTIONS

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!**  
**SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of luminaires should be performed by a **qualified licensed electrician**.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- If the lamp is marked (Hg) it contains Mercury. Follow all disposal laws. See [www.lamprecycle.org](http://www.lamprecycle.org).
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



### WARNING RISK OF ELECTRIC SHOCK

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.



### WARNING RISK OF BURN

- ✓ Allow lamp/fixture to cool before handling. Do not touch hot lens, lamp, guard, or enclosure.
- ✓ Do not exceed maximum wattage marked on luminaire label.
- ✓ Follow all lamp manufacturer's warnings, recommendations and restrictions on lamp operation including but not limited to: ballast type, burning position, replacement, and recycling.
- ✓ Use only lamps that comply with ANSI standards.



### CAUTION RISK OF INJURY

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



### CAUTION RISK OF FIRE

- ✓ Keep combustible and other materials that can burn away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.

**Please see product specific installation instructions for additional warnings or any applicable FCC or other regulatory statements.**

**Failure to follow any of these instructions could void product warranties.**

**For a complete listing of product Terms and Conditions, please visit [www.acuitybrands.com](http://www.acuitybrands.com).**

#### Our Brands

Indoor/Outdoor  
Lithonia Lighting  
Carandini  
Holophane  
RELOC  
Light Concepts

Indoor Lighting  
Gotham  
Mark Architectural Lighting  
Peerless  
Renaissance Lighting  
Winona Lighting

Outdoor Lighting  
American Electric Lighting  
Antique Street Lamps  
Hydrel  
Tersen

Controls  
DARK TO LIGHT  
LC&D  
ROAM  
Sensor Switch  
Synergy

Daylighting  
SunOptics

Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.

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DESCRIPTION:  
**F7 INSTALLATION FIXTURE**

PROJECT:

PART #: **2402863**

SOLD TO:

FINISH:

DEPT:

ORDER #:

QTY:

MATERIAL:

CLASS:

REV:

SCALE: **1:12**

METHOD:

AUTHOR:

DATE:

TOLERANCE UNLESS OTHERWISE SPECIFIED  
.X ± .XX ± .XXX ±

ANGLES ±

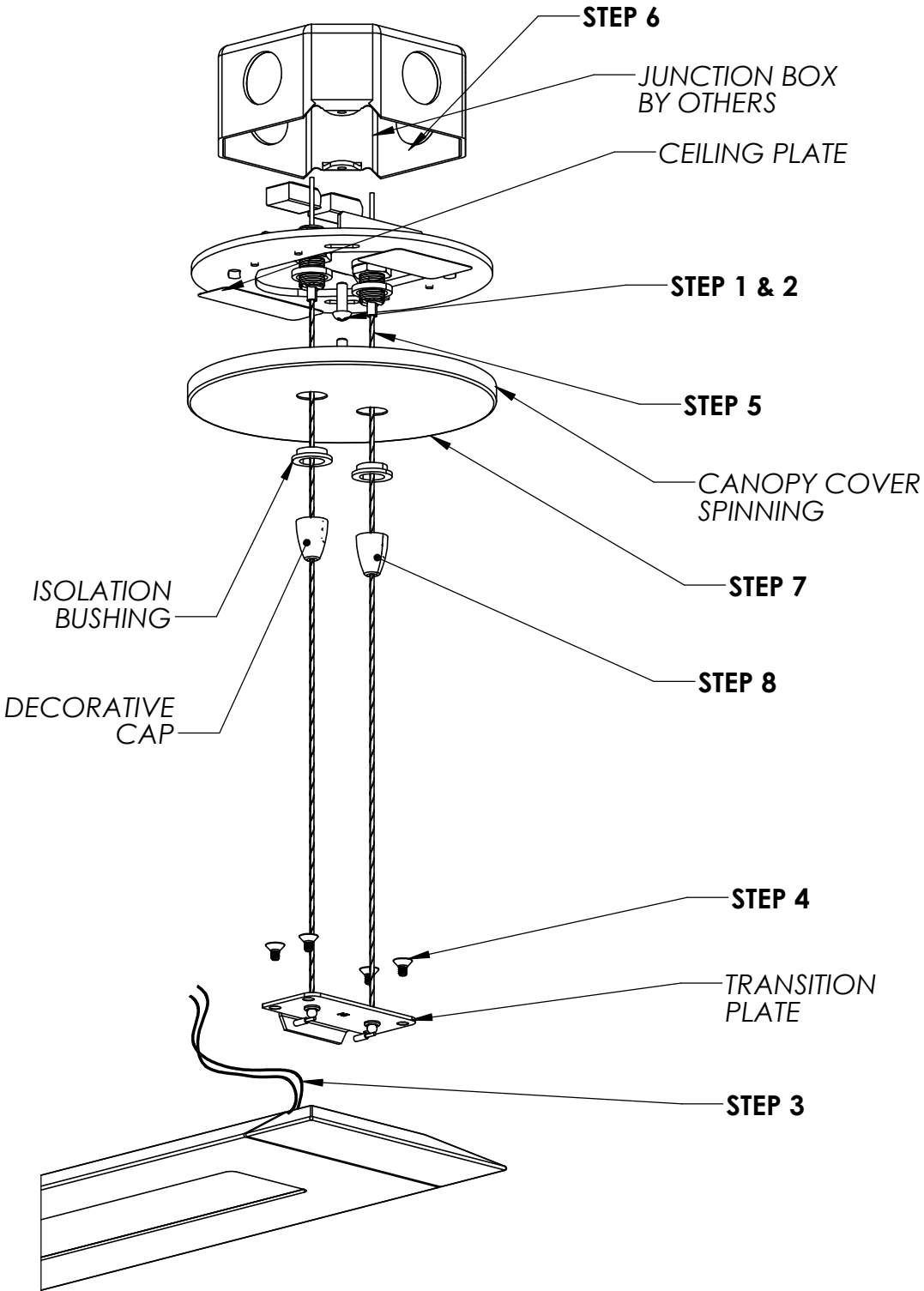
ALL DIMENSIONS ARE  
IN INCHES UNLESS  
SPECIFIED OTHERWISE

SHEET # **1 OF 12**

3760 West Fourth Street  
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FAX: (507) 452-8528  
[www.winonalighting.com](http://www.winonalighting.com)

# INSTALLATION INSTRUCTIONS

## F7 MOUNTING

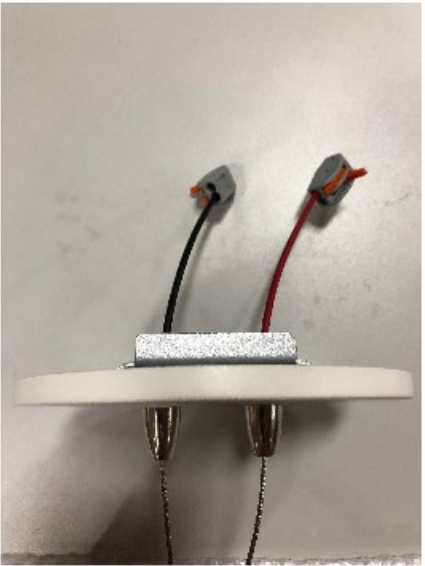


**DETAIL A**  
**SCALE 3 : 8**

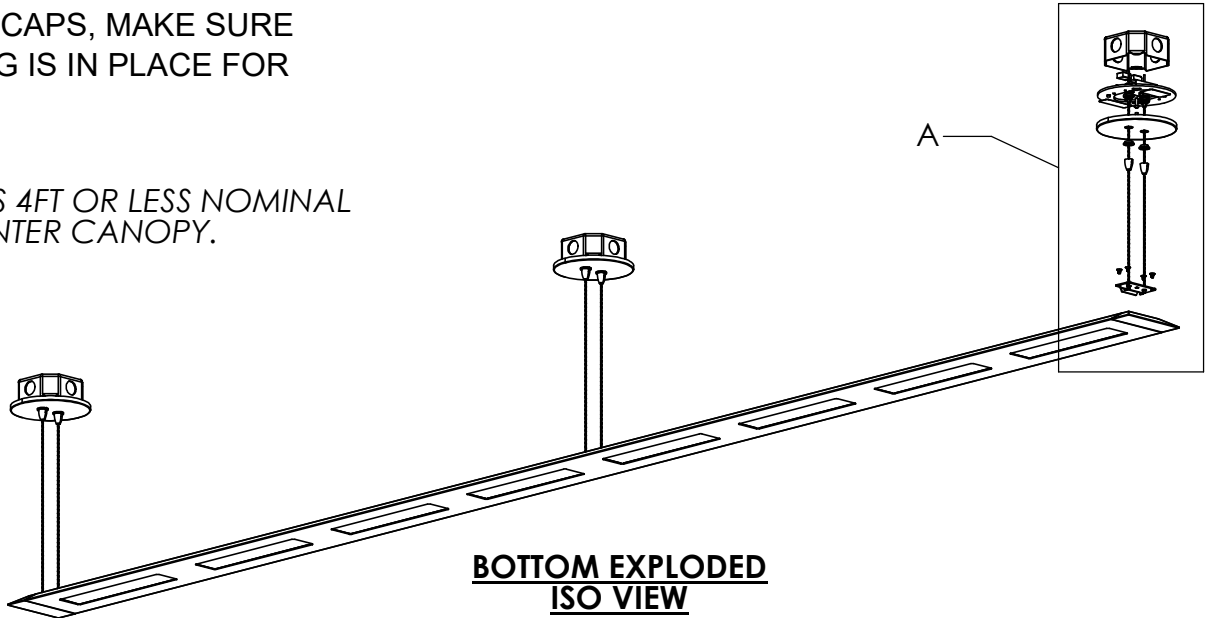
### INSTALLATION STEPS:

1. MOUNT CEILING PLATE TO JUNCTION BOX USING 2X SCREWS.
2. REPEAT STEP 1 FOR OTHER CEILING PLATES.
3. MAKE WIRE CONNECTIONS AT FIXTURE.
4. MOUNT FIXTURE TO TRANSITION PLATE USING 4X SCREWS PROVIDED.
5. ADJUST CABLES AS NEEDED AT GRIPLOCK BY DEPRESSING PLUNGER.
6. MAKE WIRE CONNECTIONS TO REMOTE DRIVER BOXES. USE PLASTIC ISOLATION TUBING AND WIRE NUTS PROVIDED. TO PREVENT ELECTRICAL SHORT, DO NOT ALLOW ANY EXPOSED AIRCRAFT CABLE INSIDE JUNCTION BOX.
7. RAISE CANOPY COVER SPINNINGS.
8. SECURE COVER SPINNINGS IN PLACE WITH DECORATIVE CAPS, MAKE SURE ISOLATION BUSHING IS IN PLACE FOR EACH ONE.

**PLEASE NOTE:** IF FIXTURE IS 4FT OR LESS NOMINAL LENGTH, THERE IS NO CENTER CANOPY.



THE AIRCRAFT CABLES ARE COVERED IN A NYLON SLEEVING TO PROTECT THEM FROM TOUCHING EACH OTHER OR METAL. THE SLEEVING CANNOT BE REMOVED. THE SLEEVING IS COLOR CODED WITH POSITIVE & NEGATIVE (RED (+) BLACK (-)). THIS COLOR CODE FOLLOWS TO THE REMOTE DRIVER BOX FOR CONNECTION.



**TOOLS REQUIRED:**  
1) 5/64" HEX DRIVER  
2) PHILIPS #2 DRIVER



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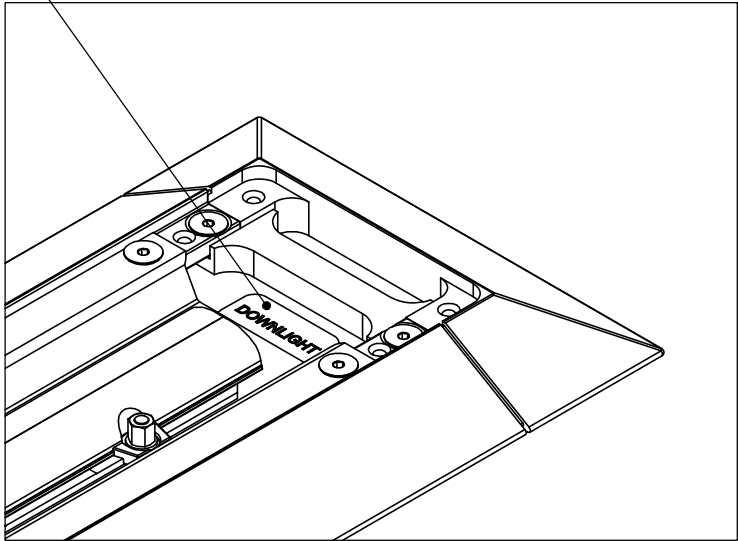
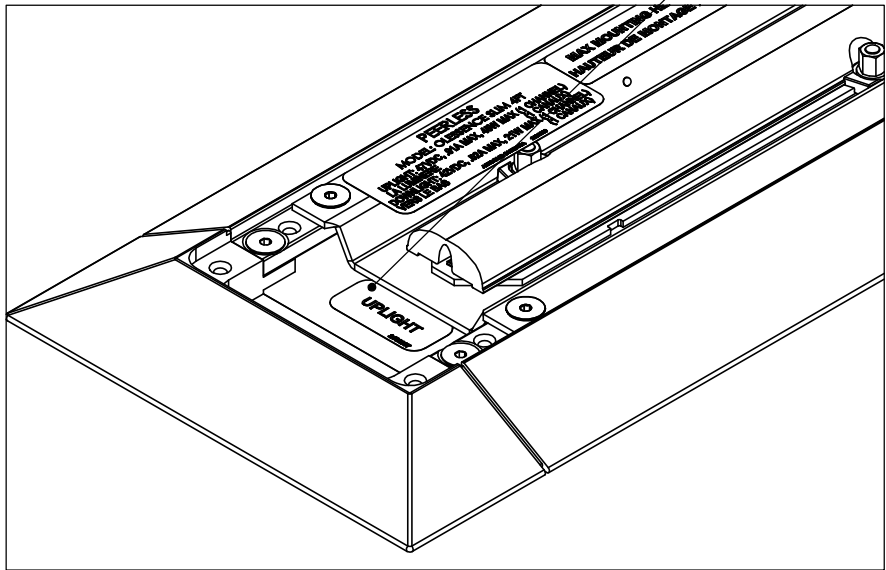
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SHEET # 2 OF 12

LABELS PLACED IN CAVITY'S  
TO INDICATE UP LIGHT &  
DOWNLIGHT.



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CLASS:

AUTHOR:

ANGLES ±

PROJECT:

FINISH:

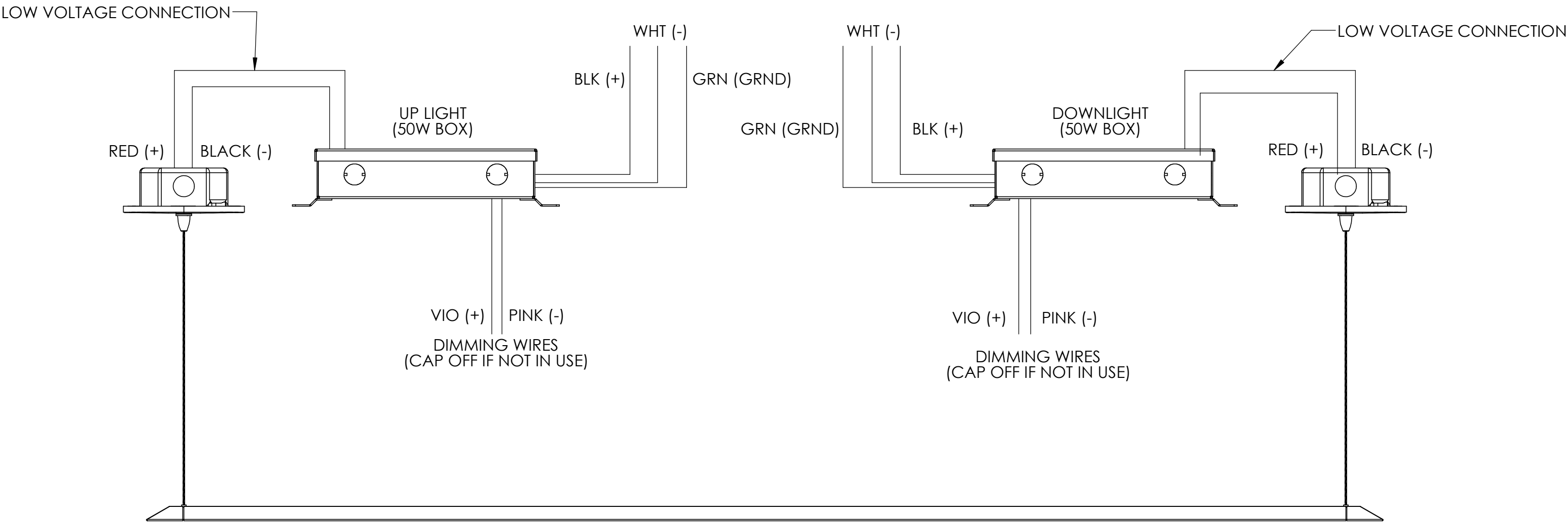
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SHEET # 3 OF 12

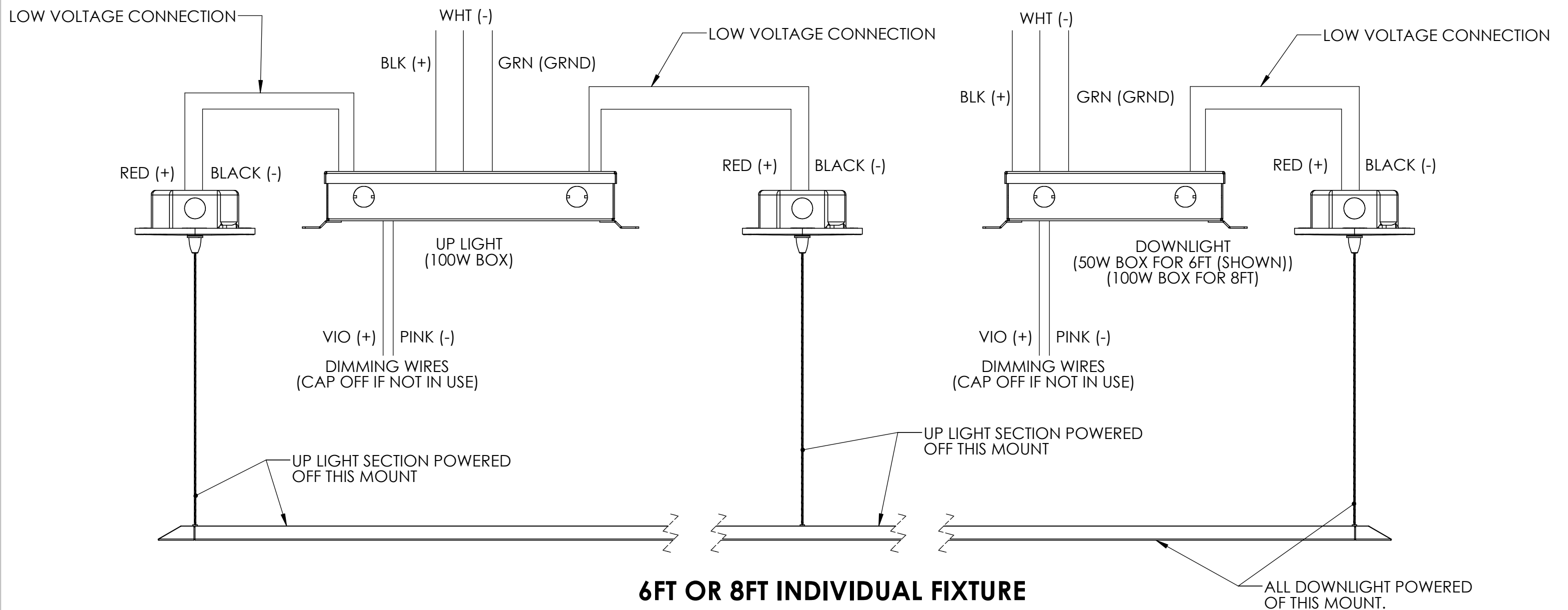
WHEN WIRING FIXTURE TO REMOTE BOXES, MAKE SURE  
NOT TO WIRE UP LIGHT BOX WITH DOWNLIGHT ON FIXTURE.  
IF THIS HAPPENS & THE FIXTURE IS POWERED ON IT WILL  
SHORT OUT THE OLED PANELS & THEY WILL NEED TO BE REPLACED.




4FT INDIVIDUAL FIXTURE

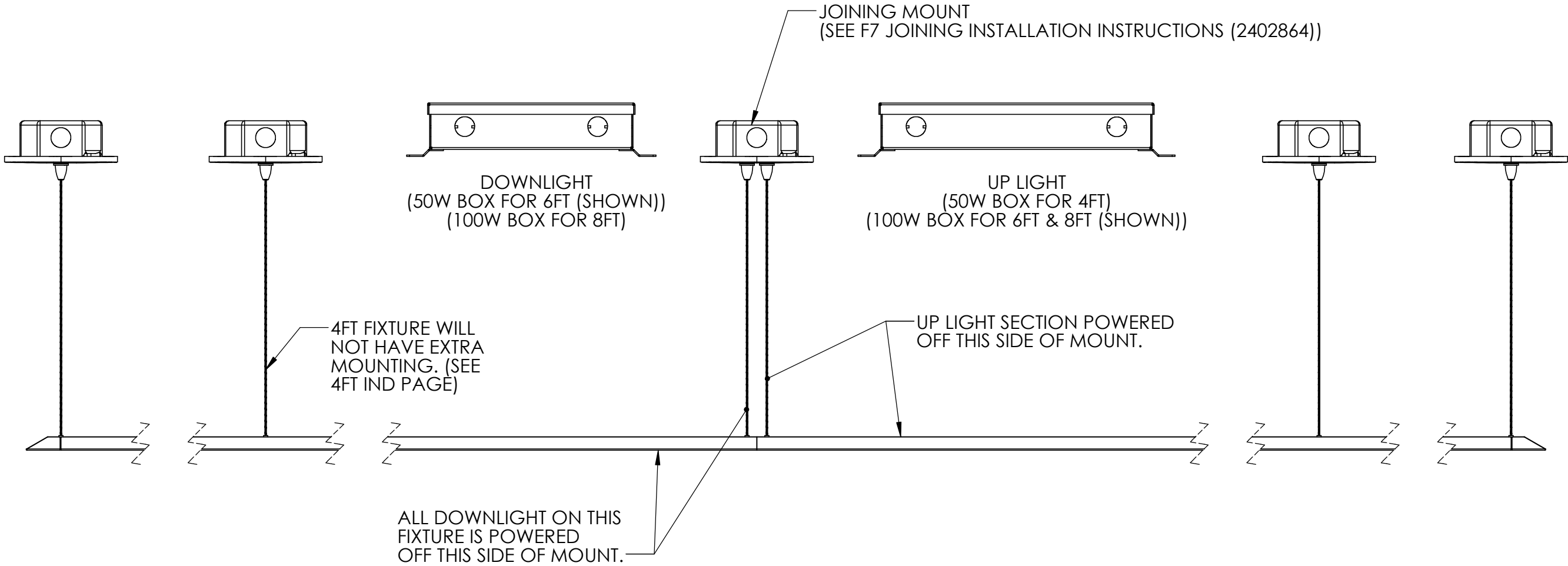
<div>AcuityBrands®</div> <div>3760 West Fourth Street PO Box 1205 Winona, MN 55987 PH: (800) 328-5291 FAX: (507) 452-8528 www.winonalighting.com</div>	DESCRIPTION: F7 INSTALLATION FIXTURE		PROJECT:	
	PART #: 2402863	SOLD TO:		FINISH:
	DEPT:	ORDER #:	QTY:	
	MATERIAL:	CLASS:	REV:	SCALE: 1:4
	METHOD:	AUTHOR:	DATE:	
TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± .XX ± .XXX ±		ANGLES ±		ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE
		SHEET # 4 OF 12		

**WHEN WIRING FIXTURE TO REMOTE BOXES, MAKE SURE NOT TO WIRE UP LIGHT BOX WITH DOWNLIGHT ON FIXTURE. IF THIS HAPPENS & THE FIXTURE IS POWERED ON IT WILL SHORT OUT THE OLED PANELS & THEY WILL NEED TO BE REPLACED.**



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	DEPT:		ORDER #:			
	MATERIAL:		CLASS:		QTY:	SCALE: 1:4
	METHOD:		AUTHOR:		REV:	
				DATE:		
TOLERANCE UNLESS OTHERWISE SPECIFIED .X ±                      .XX ±                      .XXX ±                      ANGLES ±			ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE		SHEET # 5 OF 12	

**WHEN WIRING FIXTURE TO REMOTE BOXES, MAKE SURE  
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IF THIS HAPPENS & THE FIXTURE IS POWERED ON IT WILL  
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**SEE NEXT FEW PAGES FOR A FIXTURE REPRESENTATION LAYOUT FOR JOINING**



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SOLD TO:

ORDER #:

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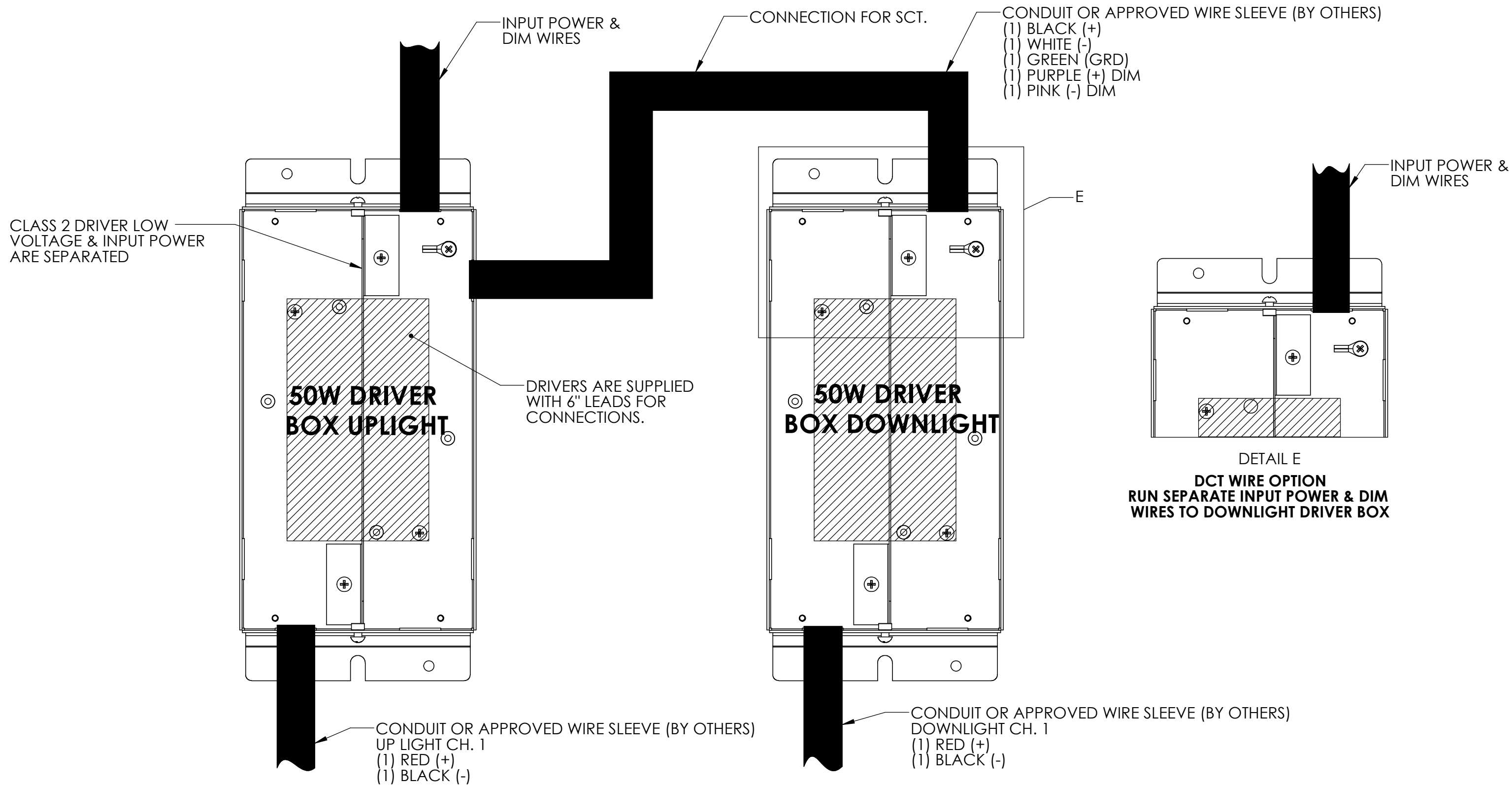
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SHEET # 6 OF 12



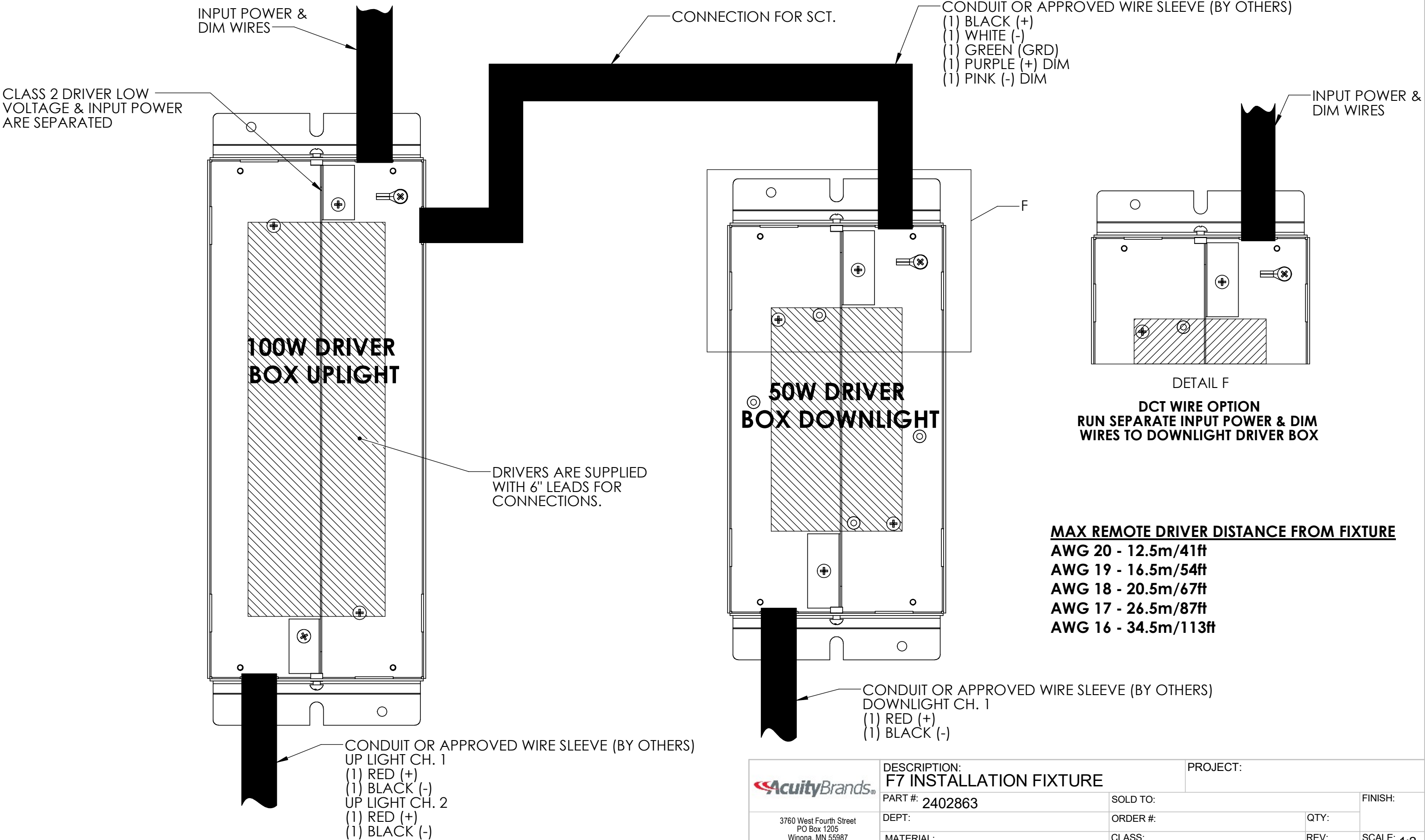
**MAX REMOTE DRIVER DISTANCE FROM FIXTURE**

- AWG 20 - 12.5m/41ft
- AWG 19 - 16.5m/54ft
- AWG 18 - 20.5m/67ft
- AWG 17 - 26.5m/87ft
- AWG 16 - 34.5m/113ft

**4FT SCT OR DCT WIRE ROUTING**

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	DEPT:	ORDER #:	QTY:	
	MATERIAL:	CLASS:	REV:	SCALE: 1:2
	METHOD:	AUTHOR:	DATE:	
TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± .XX ± .XXX ±		ANGLES ±		ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE
		SHEET # 7 OF 12		






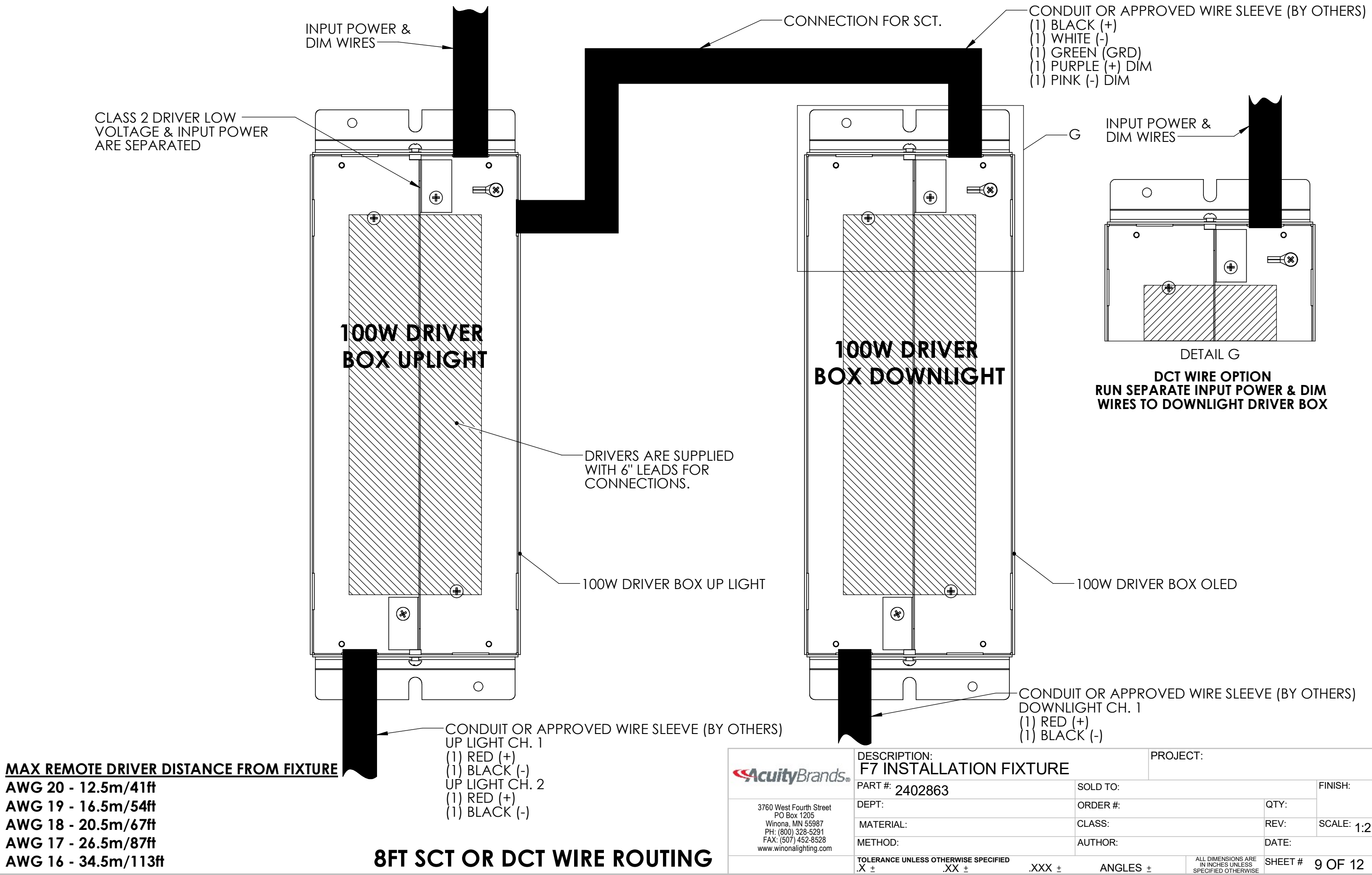
6FT SCT OR DCT WIRE ROUTING

**MAX REMOTE DRIVER DISTANCE FROM FIXTURE**

AWG 20	- 12.5m/41ft
AWG 19	- 16.5m/54ft
AWG 18	- 20.5m/67ft
AWG 17	- 26.5m/87ft
AWG 16	- 34.5m/113ft

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TOLERANCE UNLESS OTHERWISE SPECIFIED			ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE		SHEET # 8 OF 12
.X ± .XX ± .XXX ±			ANGLES ±		





**MAX REMOTE DRIVER DISTANCE FROM FIXTURE**

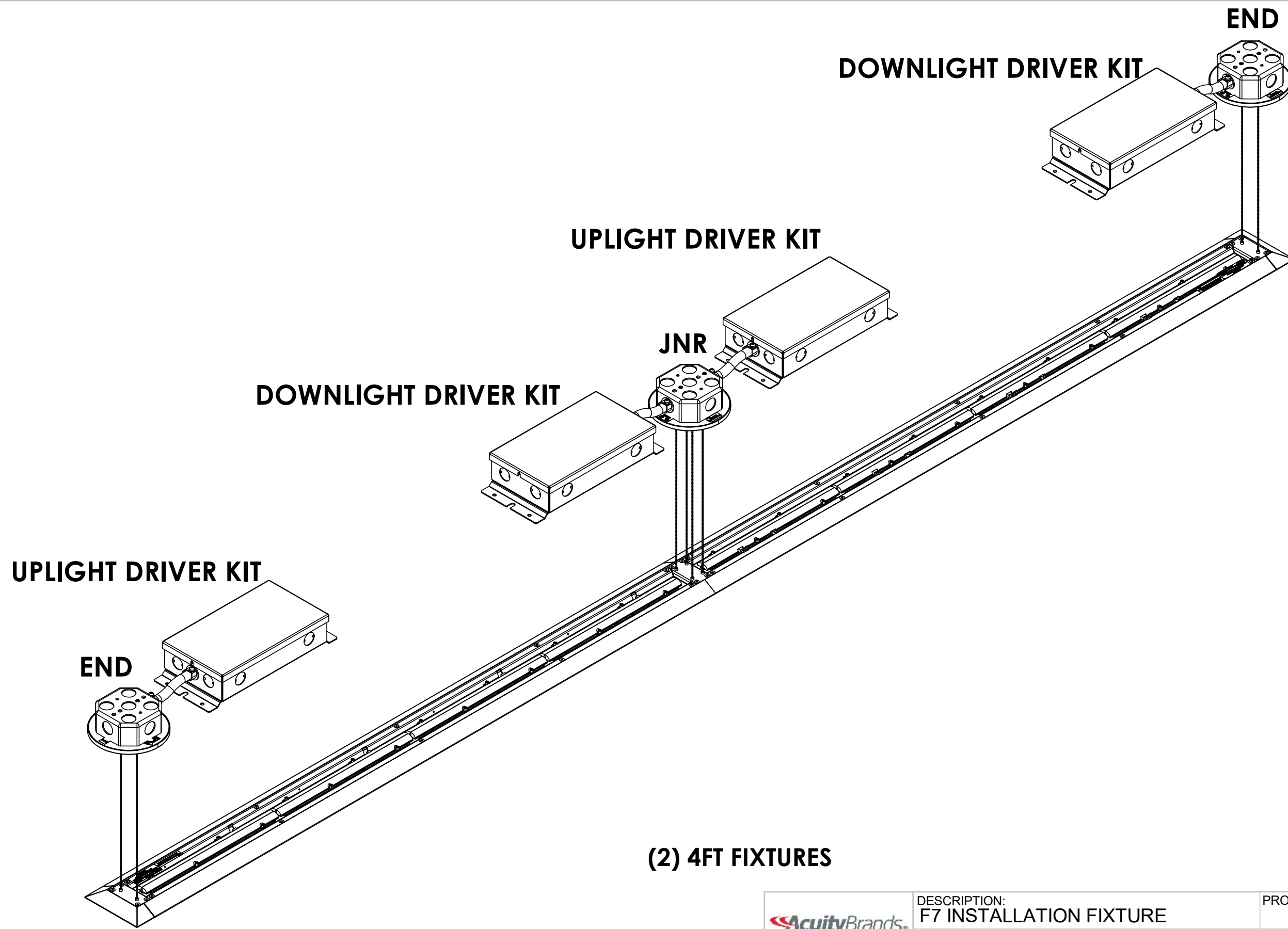
- AWG 20 - 12.5m/41ft**
- AWG 19 - 16.5m/54ft**
- AWG 18 - 20.5m/67ft**
- AWG 17 - 26.5m/87ft**
- AWG 16 - 34.5m/113ft**

**8FT SCT OR DCT WIRE ROUTING**




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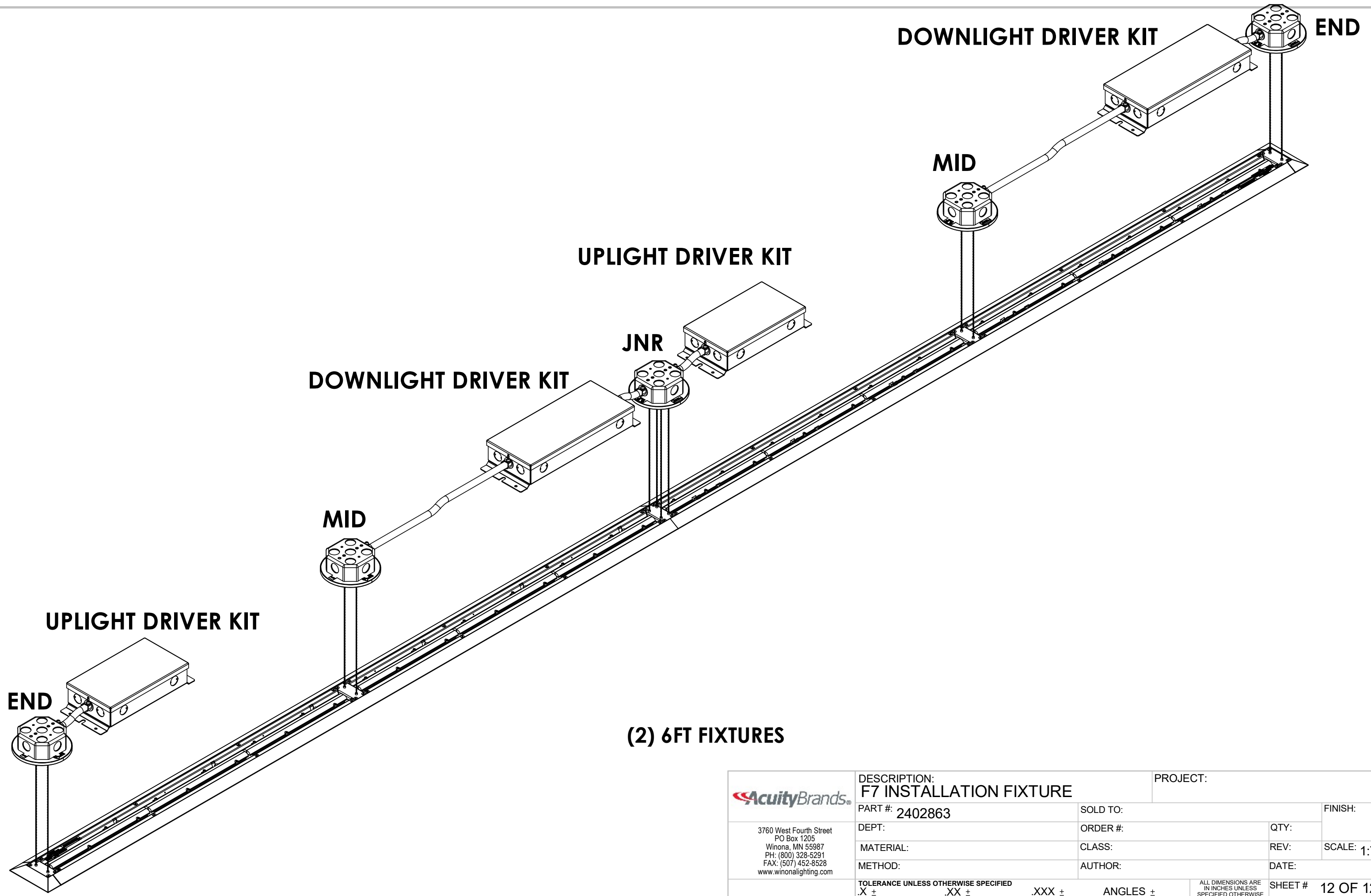
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PART #: 2402863	SOLD TO:		FINISH:
DEPT:	ORDER #:	QTY:	
MATERIAL:	CLASS:	REV:	SCALE: 1:2
METHOD:	AUTHOR:	DATE:	
TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± .XX ± .XXX ±		ANGLES ±	ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE
		SHEET #	9 OF 12



(2) 4FT FIXTURES

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	METHOD:	AUTHOR:	DATE:	
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		SHEET # 10 OF 12		





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MATERIAL:		CLASS:			REV:	SCALE: 1:7		
METHOD:		AUTHOR:			DATE:			
TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± .XX ± .XXX ±				ANGLES ±		ALL DIMENSIONS ARE IN INCHES UNLESS SPECIFIED OTHERWISE		SHEET # 12 OF 12