

## HIGHLIGHTS

- High performance indirect batwing distribution using injection molded optic for LED uplight
- OLED panels provide soft and comfortable direct illumination
- 4', 6', and 8' sections
- Three LED lumen packages available
- Power over cable option
- Flicker-free dimming by remote eldoLED driver
- Up to 105 lumens per watt
- Dual circuit switching for independent dimming of indirect and direct distributions

5  
YEAR  
warranty

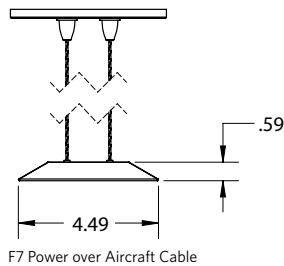
eldoLED

BAA

BABA

## DIMENSIONS

### □ OLESID



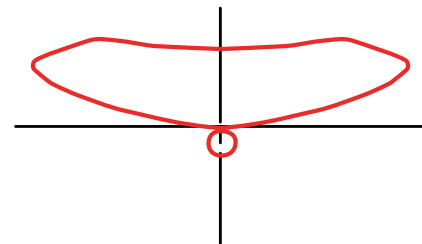
## LUMEN PACKAGES\*

LED / OLED Output	I750LMF / 300LMF	I1000LMF / 300LMF	I1500LMF / 300LMF
Indirect Delivered Lumens Per Foot / Direct Delivered Lumens Per Foot	1010/258	1290/258	1770/258
Total Delivered Lumens Per Foot	1268	1548	2028
Input Watts Per Foot	10.2	12.5	17
Lumens Per Watt	99	103	105

\*Based on 4' section at 3000K 80 CRI (LED) / 3000K 90 CRI (OLED)

## DISTRIBUTION

85% Up | 15% Down | I1500LMF / 300LMF



## CUSTOMIZATION

Ask us about the following possibilities: alternate distributions, additional mounting options, custom colors and other modifications.

## SPECIFICATIONS

### Housing

Extruded aluminum housing.

### End Caps

Aluminum end caps are mechanically attached with no exposed fasteners.

### Color

Standard colors for housing and end caps are white, black or painted aluminum.

### Luminaire Length

4', 6', and 8' lengths in a single section for nominal suspension spacing of 4', 6' and 8'. Longer rows are comprised of starter, joiner, and ender sections.

### Source

Three LED lumen packages in 80+ CRI and 90+ CRI options for LED uplight. LED source available with color temperature options (3000K, 3500K and 4000K) and OLED source available in 90+ CRI with color temperature options (3000K and 4000K). All within 2.5 MacAdam ellipses.

### Optics

Injection-molded indirect optic for optimized batwing distribution for LED uplight.

### Remote Dimming Driver

Remote eldoLED driver with default logarithmic dimming curve provides "natural dimming" with smooth, continuous and flicker-free dimming to dark for LED uplight, 1% dimming for OLED downlight. Insignificant inrush current at both 120 and 277VAC options.

### Electrical

LED light engine - consisting of modular LED boards and eldoLED dimming driver - is rated for 60,000 hours (L<sub>90</sub>) at 25°C ambient temperature. OLED light engine - consisting of OLED panels and eldoLED dimming driver - is rated for up to 30,000 hours (L<sub>70</sub>). Specify 120V or 277V. For special circuiting or wire gauge, consult factory. Luminaires are normally wired in the dual circuit configuration, and can be wired together for single circuit operation

### Environment

Dry and Damp UL location rated.

### Validation

UL listed.

### Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. The product images shown are for illustration purposes only and may not be an exact representation of the product.

## MODEL NUMBER

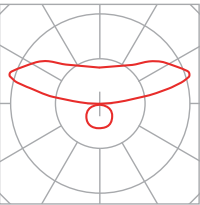
**Example:** OLESID LLP 16FT MSL8 I80CRI I35K I1000LMF D30K 300LMF DARK ZT 120 DCT F7/18F C110

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	LED Color Temperature
<b>OLESID</b>	<b>LLP</b> Linear longest possible <b>LCB</b> Linear center balanced <b>LSL</b> Longest same length	<b>_FT</b> Indicate luminaire row length in 4' increments. Ex: 10FT	<b>MSL4</b> 4' section(s) <b>MSL6</b> 6' section(s) <b>MSL8</b> 8' section(s)	<b>I80CRI</b> 80+ CRI <b>I90CRI</b> 90+ CRI <i>Note: OLED available 90+ CRI only</i>	<b>I30K</b> 3000K <b>I35K</b> 3500K <b>I40K</b> 4000K

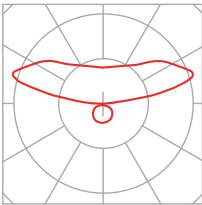
Indirect LED Ouput	OLED Direct Color Temperature	OLED Direct OLED Ouput	Minimum Dimming Level	Control Input	Voltage
<b>I750LMF</b> 750 nominal lumens per foot <b>I1000LMF</b> 1000 nominal lumens per foot <b>I1500LMF</b> 1500 nominal lumens per foot	<b>D30K</b> 3000K <b>D40K</b> 4000K	<b>300LMF</b> 300 nominal lumens per foot	<b>DARK</b> Constant Current Dimming to <1% <i>Note: OLED dims to 1% only</i>	<b>ZT*</b> 0-10V <i>* 0-10V Will use linear dimming curve</i>	<b>120</b> 120V <b>277</b> 277V

Wiring Option	Emergency Options	Mounting	Overall Suspension	Color
<b>DCT</b> Dual Circuit	<b>1EC</b> (1) emergency circuit module <b>_EC</b> __emergency circuit modules <i>*When EC is chosen complete 4', 6' or 8' fixture will be EC</i>	<b>F3/</b> Rigid Stem T-Bar or Hard Ceiling (Horizontal J-Box) <b>F7/*</b> Powered Aircraft Cable <i>*See Chart on Fixture mounting options page 4</i>	<b>18F</b> 18" Fixed <b>24F</b> 24" Fixed <b>36F</b> 36" Fixed <b>48F</b> 48" Fixed <b>60F</b> 60" Fixed <i>Note: Measured from ceiling to bottom of luminaire.</i>	<b>C110</b> Painted aluminum (low gloss) <b>C041</b> White white (fine textured) <b>C201</b> Black (fine textured) <b>C099</b> Custom color <b>RALTB*</b> RAL Paint finishes <i>*RALTB for pricing only, replace with applicable RAL call out when ready to order. See the <a href="#">RAL BROCHURE</a> for available options</i>

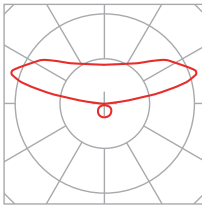
PHOTOMETRICS (ESTIMATED FOR 3500K 80 CRI LED, 3000K 90 CRI OLED)



**1750 LMF / 300LMF**  
4072 delivered lumens  
per 4' section  
  
75% up / 25% dn



**11000 LMF / 300LMF**  
5197 delivered lumens  
per 4' section  
  
80% up / 20% dn



**11500LMF / 300LMF**  
7132 delivered lumens  
per 4' section  
  
85% up / 15% dn

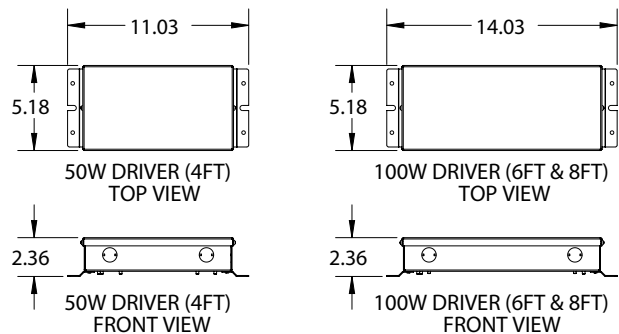
CCT SCALING CHART

CCT	CRI	MULTIPLIER Uplight
3000K	180CRI	1
3500K	180CRI	1.01
4000K	180CRI	1.01
	90CRI	0.84

CCT	CRI	MULTIPLIER Downlight
3000K	90CRI	1
4000K	90CRI	0.83

Expected Life: L70 @ 30,000 hours

REMOTE DRIVER MOUNTING



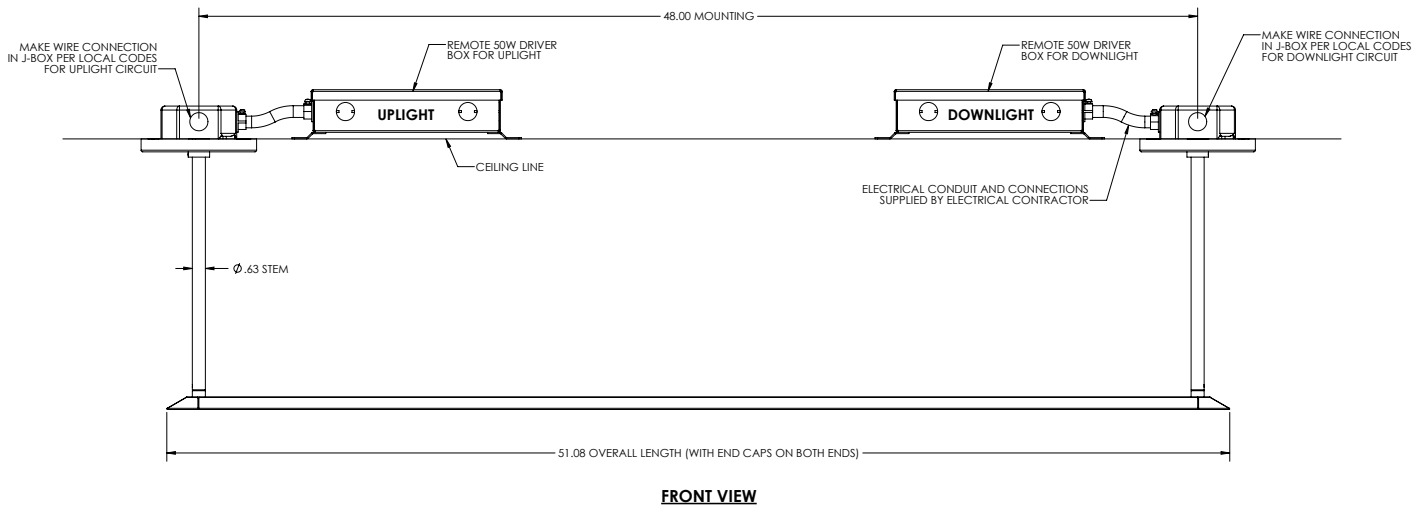
NOTES:  
- TWO DRIVERS NEEDED PER  
FIXTURE SECTION.  
- ONE FOR LED UPLIGHT AND  
ONE FOR OLED DOWNLIGHT

Indirect Driver Performance Table

Length	Output	Wattage
4FT INDIRECT	1500LMF	50W
6FT INDIRECT	1500LMF	100W
8FT INDIRECT	1500LMF	100W
4FT INDIRECT	1000LMF	50W
6FT INDIRECT	1000LMF	100W
8FT INDIRECT	1000LMF	100W
4FT INDIRECT	750LMF	50W
6FT INDIRECT	750LMF	100W
8FT INDIRECT	750LMF	100W

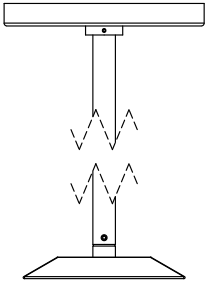
Direct Driver Performance Table

Length	Output	Wattage
4FT DIRECT	300LMF	50W
6FT DIRECT	300LMF	50W
8FT DIRECT	300LMF	100W



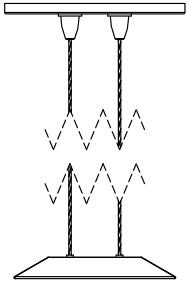
FIXTURE MOUNTING OPTIONS

Canopy 5.55" diameter X .625" tall



F3 - RIGID STEM  
END VIEW

Canopy 5" Diameter X .29" tall



F7 - AIRCRAFT CABLE  
END VIEW

Overall Suspension F7 Adjustability

	Min	Max
18F	12"	20"
24F	12"	26"
36F	12"	38"
48F	12"	50"
60F	12"	62"

LINEAR PLAN:

PEERLESS offers the ability to provide a continuous run plan to suit your requirements by optionally offering three different methods of configuration.

LSL- Linear Same Length:

In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).

LSL	4FT	4FT	4FT	4FT	4FT
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LLP- Linear Longest Possible

In this configuration, the longest length available is optimized, resulting in the fewest segments and mounting locations. Caution, should be used where balanced appearance is a concern. Example: 20 FT run would have 2 - 8 FT segment and 1, 4 FT segment at the end of the run.

LLP	8 FT	8 FT	4 FT
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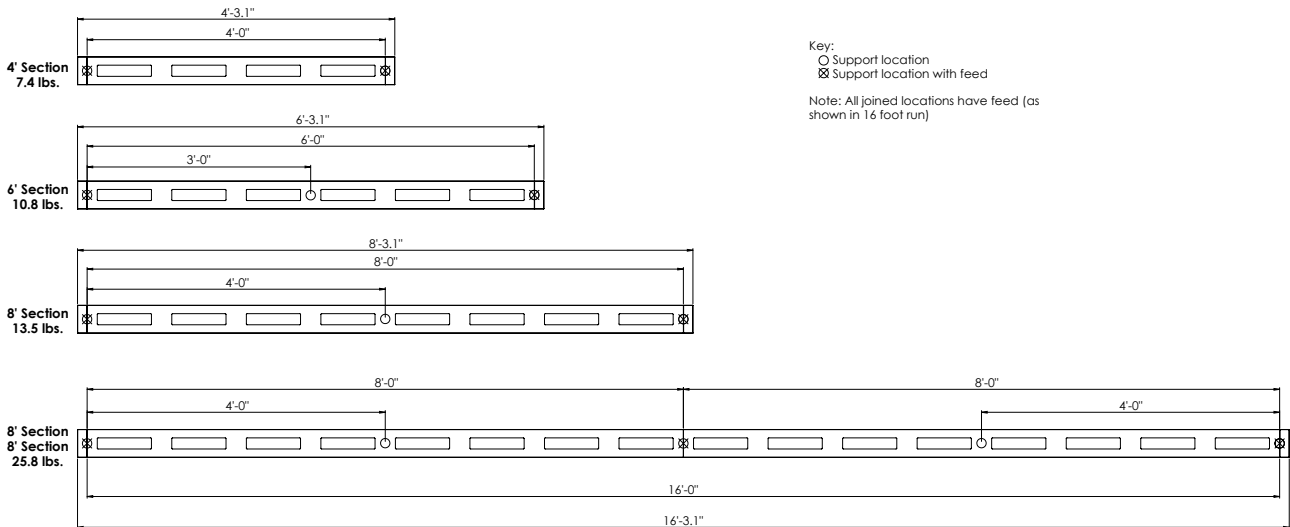
LCB- Linear Center Balanced:

This configuration incorporates the longest center segment(s) along with any additional lengths required to fill the run length, added to the run ends. Example: 16 FT run would have 2, 4 FT segments (one at each end) and 1, 8 FT segment in the center.

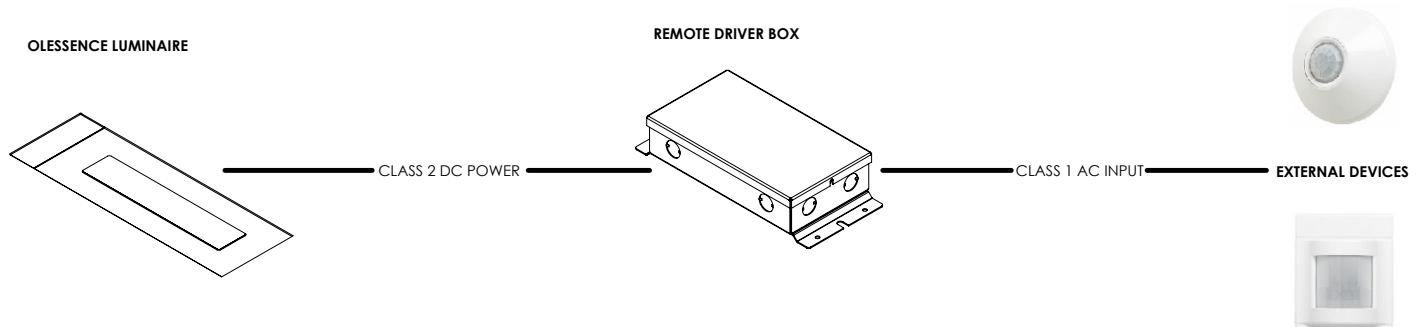
LCB	4 FT	8 FT	4 FT
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WEIGHTS AND SUPPORT SPACING

STANDARD SECTIONS



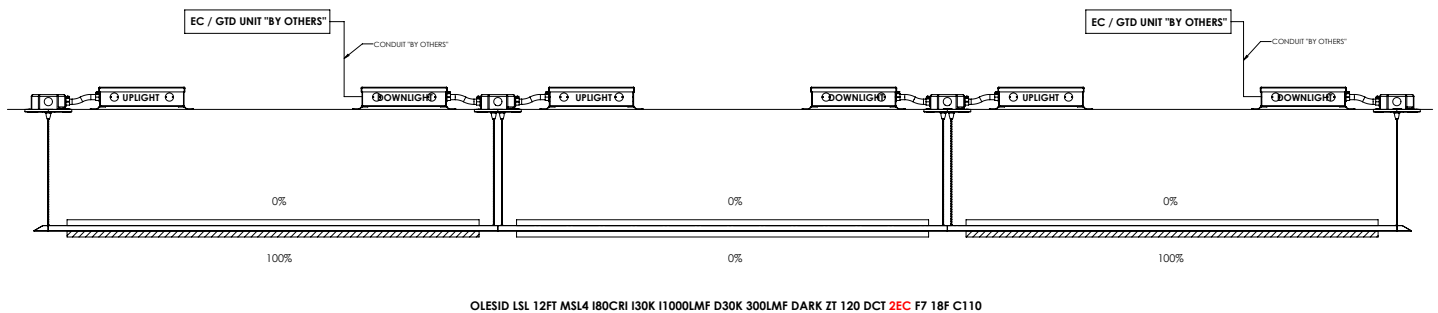
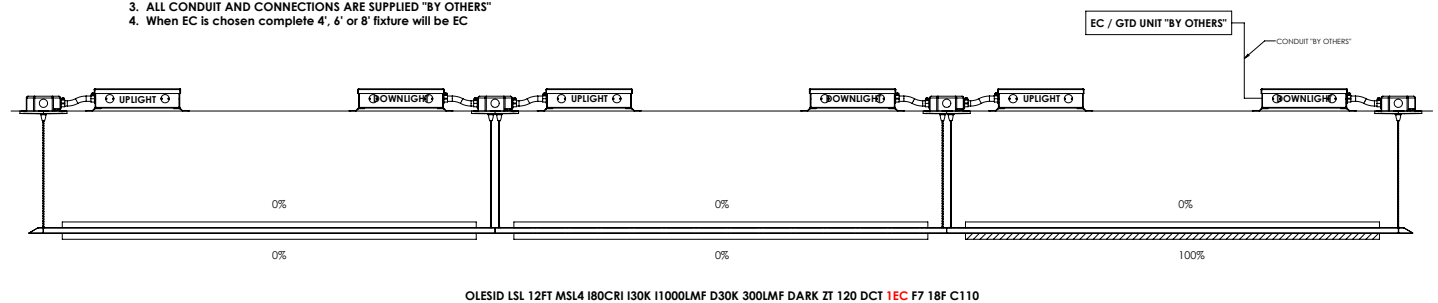
## CONTROLS



## EMERGENCY OPTIONS

- NOTES:
1. ANY FIXTURE SECTION CAN BE WIRED ON AN EMERGENCY CIRCUIT.
  2. GENERATOR TRANSFER DEVICE IS SUPPLIED "BY OTHERS"
  3. ALL CONDUIT AND CONNECTIONS ARE SUPPLIED "BY OTHERS"
  4. When EC is chosen complete 4', 6' or 8' fixture will be EC

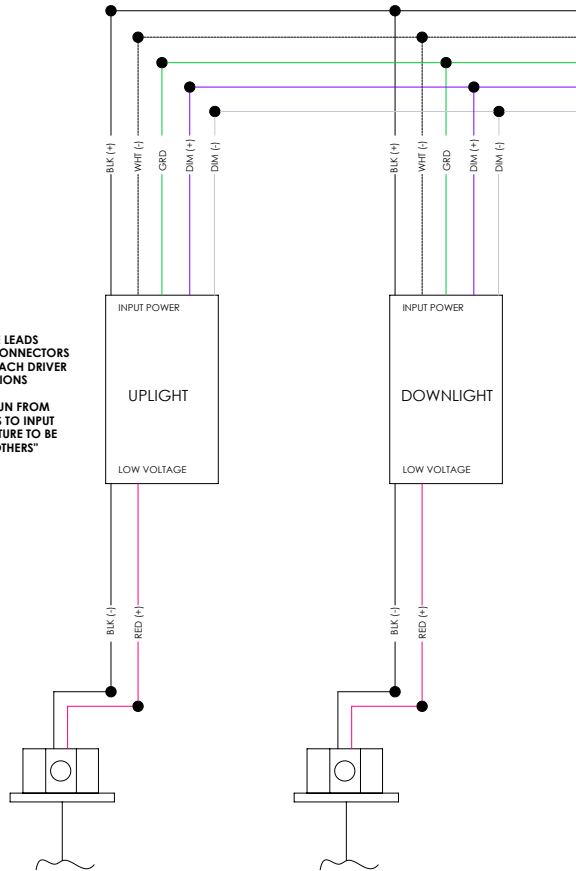
### EMERGENCY OPTIONS



## WIRING F3 MOUNT

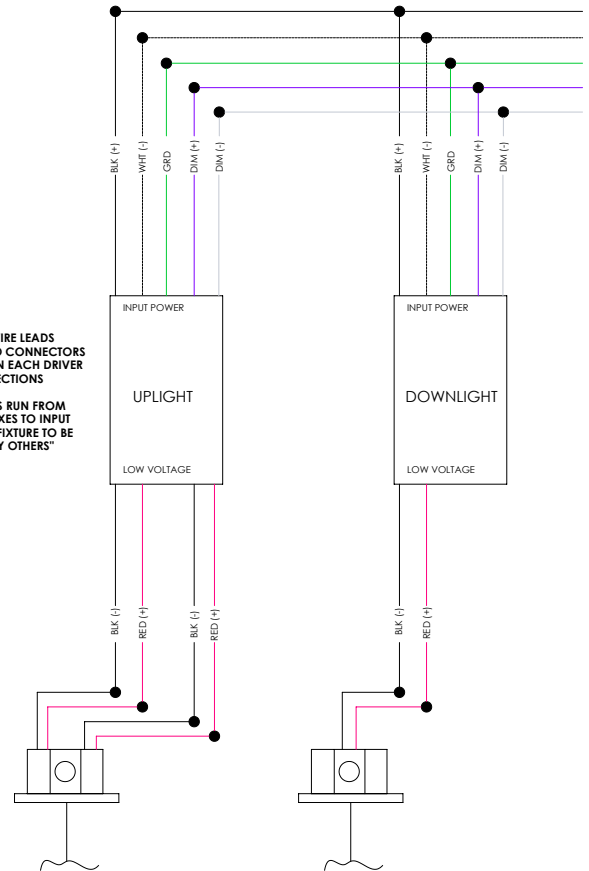
### SCT - 4FT FIXTURE

NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"



### SCT - 6FT/8FT FIXTURE

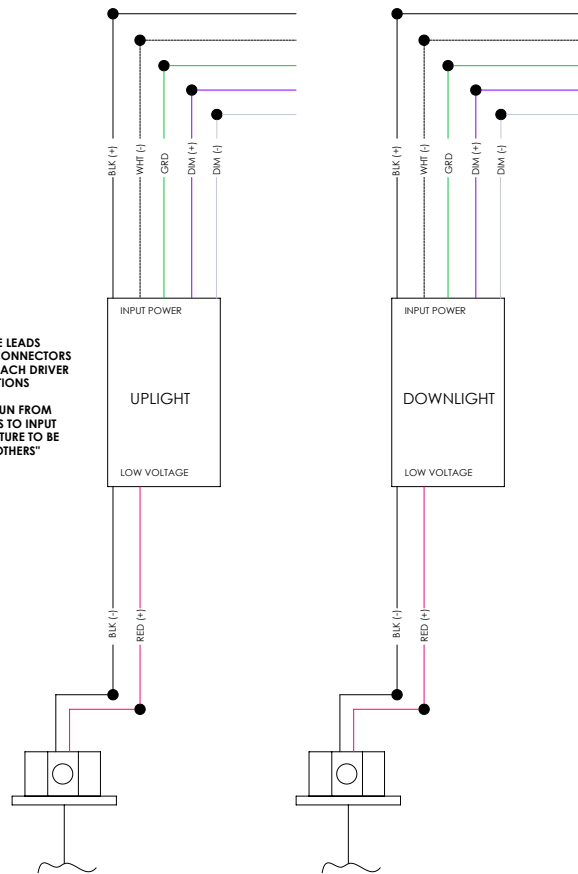
NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"



## WIRING F3 MOUNT - continued

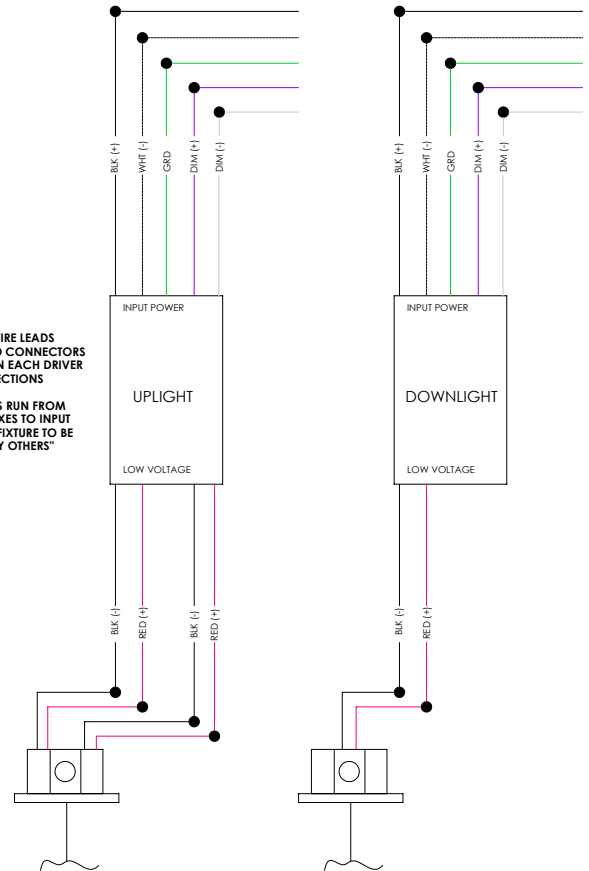
### DCT - 4FT FIXTURE

- NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
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### DCT - 6FT/8FT FIXTURE

- NOTES:  
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2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"

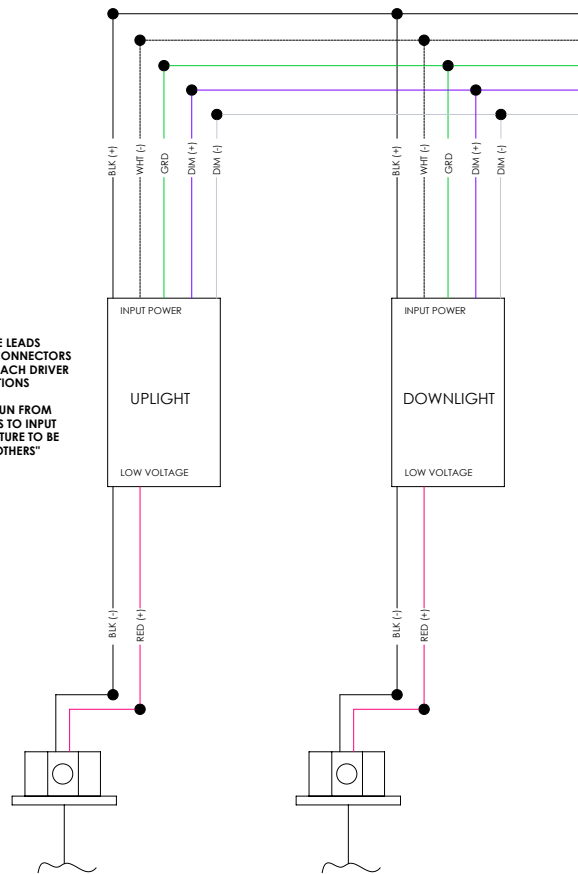




## WIRING F7 MOUNT

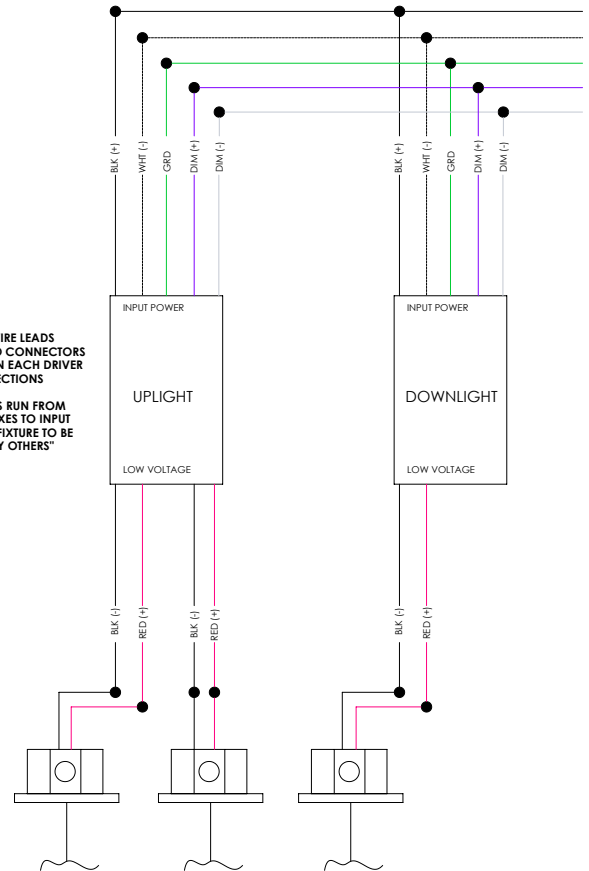
### SCT - 4FT FIXTURE

- NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"



### SCT - 6FT/8FT FIXTURE

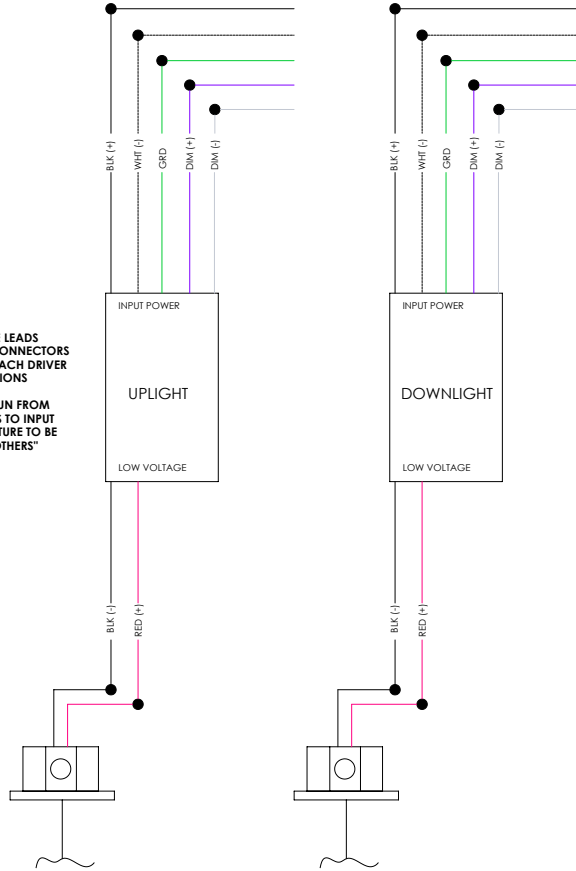
- NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"



WIRING F7 MOUNT - continued

DCT - 4FT FIXTURE

- NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"



DCT - 6FT/8FT FIXTURE

- NOTES:  
1) 1/4 INCH WIRE LEADS WITH WAGO CONNECTORS SUPPLIED ON EACH DRIVER FOR CONNECTIONS  
2) ALL WIRES RUN FROM REMOTE BOXES TO INPUT POWER OR FIXTURE TO BE SUPPLIED "BY OTHERS"

