Peerless® Lighting for People®

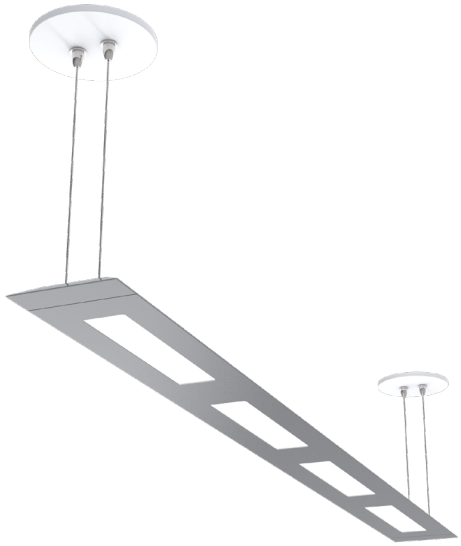
Olessence™ OLED/LED

OLESID | OLED/LED | Indirect/Direct | Suspended

SPECIFICATIONS

Type:

Project:



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

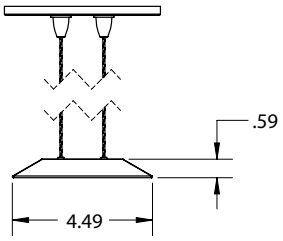
5 YEAR warranty

eldoLED

BAA

DIMENSIONS

☐ **OLESID**



F7 Power over Aircraft Cable

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

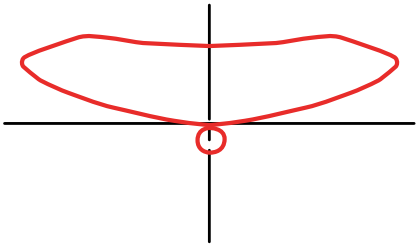
*Based on 4' section at 3000K 80 CRI (LED) / 3000K 90 CRI (OLED)

CUSTOMIZATION

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

DISTRIBUTION

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



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_{90}) 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_{70}). 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.

Buy American Act
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/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

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

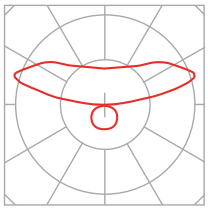
Example: OLESID LLP 16FT MSL8 I80CRI I35K I1000LMF D30K 300LMF DARK ZT 120 DCT F7/18F C110

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

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

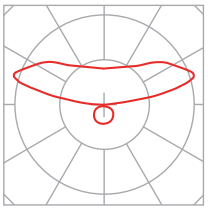
Wiring Option	Emergency Options	Mounting	Overall Suspension	Color
DCT Dual Circuit	**1EC** (1) emergency circuit module **_EC** __emergency circuit modules **When EC is chosen complete 4', 6' or 8' fixture will be EC*	**F3/** Rigid Stem T-Bar or Hard Ceiling (Horizontal J-Box) **F7/*** Powered Aircraft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

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



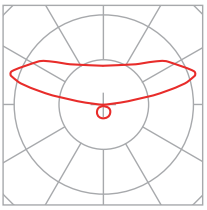
I750 LMF / 300LMF
4072 delivered lumens
per 4' section

75% up / 25% dn



I1000 LMF / 300LMF
5197 delivered lumens
per 4' section

80% up / 20% dn



I1500LMF / 300LMF
7132 delivered lumens
per 4' section

85% up / 15% dn

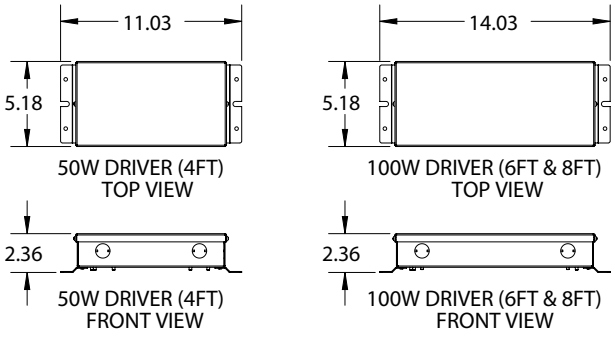
CCT SCALING CHART

CCT	CRI	MULTIPLIER Uplight
3000K	I80CRI	1
3500K	I80CRI	1.01
4000K	I80CRI	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



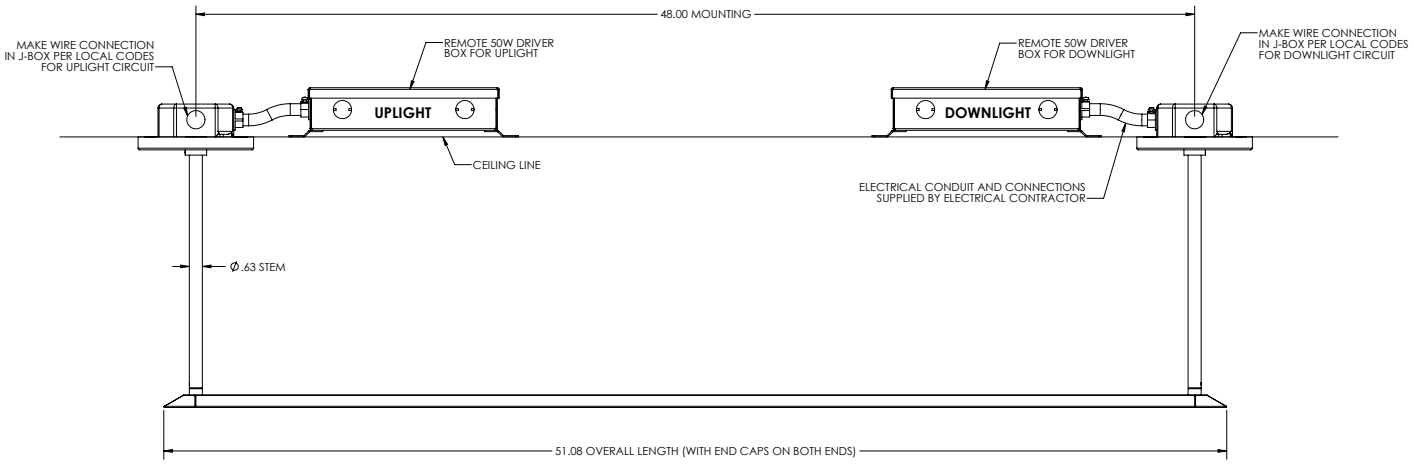
NOTES:
- TWO DRIVERS NEEDED PER FIXTURE SECTION.
- ONE FOR LED UPLIGHT AND ONE FOR OLED DOWNLIGHT

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

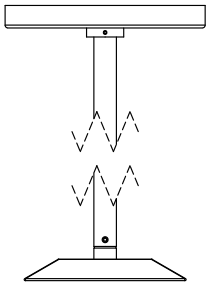
Length	Output	Wattage
4FT DIRECT	300LMF	50W
6FT DIRECT	300LMF	50W
8FT DIRECT	300LMF	100W



FRONT VIEW

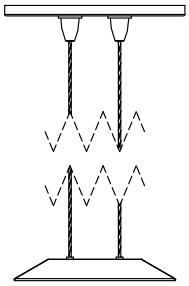
FIXTURE MOUNTING OPTIONS

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 Adjustablity

	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

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.

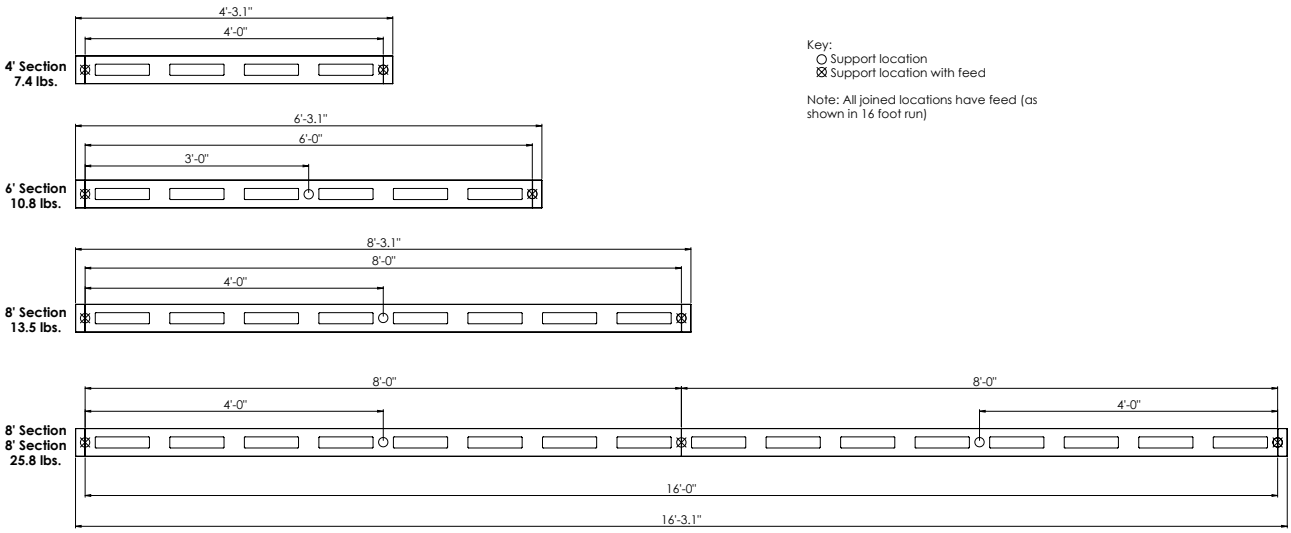
LLP	8 FT	8 FT	4 FT

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	4FT

WEIGHTS AND SUPPORT SPACING

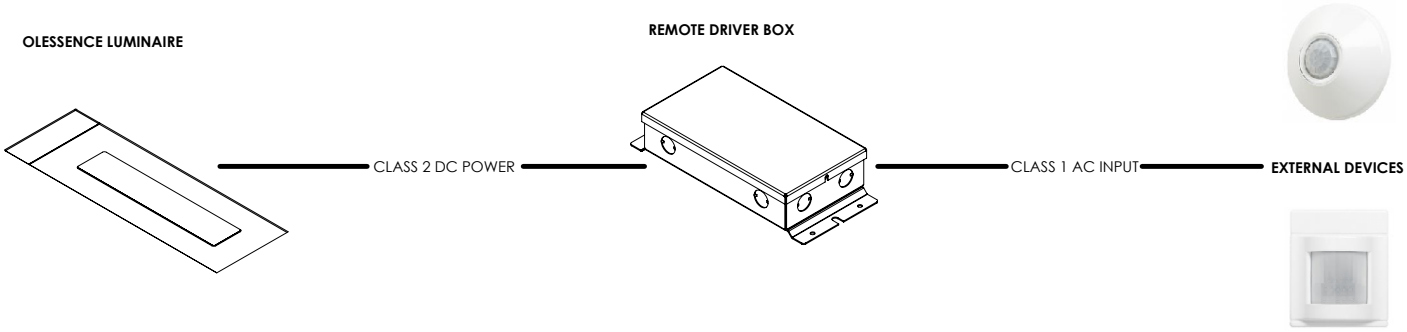
STANDARD SECTIONS



Key:
○ Support location
⊠ Support location with feed

Note: All joined locations have feed (as shown in 16 foot run)

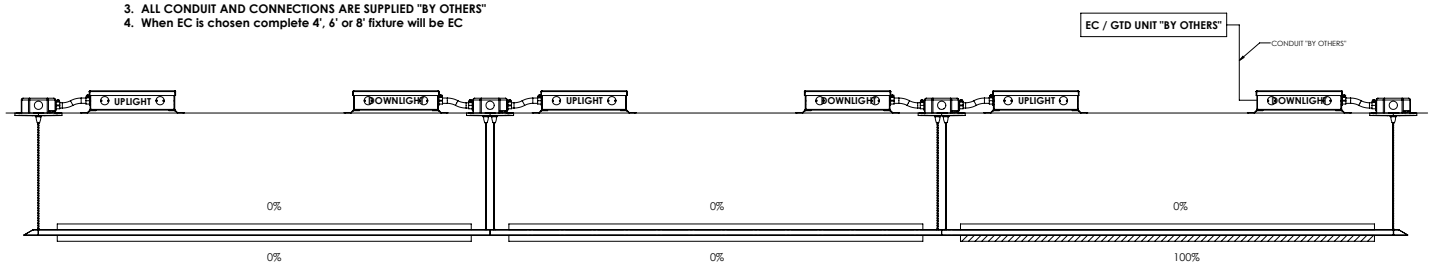
CONTROLS



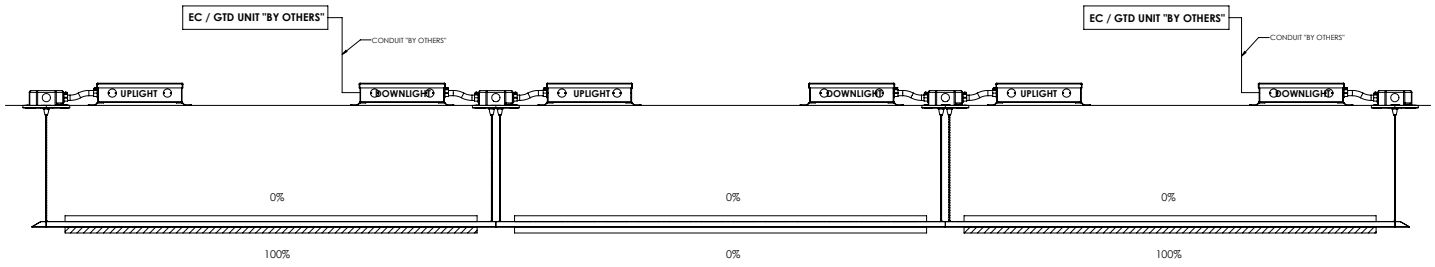
EMERGENCY OPTIONS

NOTES:
1. **ANY FIXTURE SECTION CAN BE WIRED ON AN EMERGNCEY CIRCUIT.**
2. **GENERTATOR 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



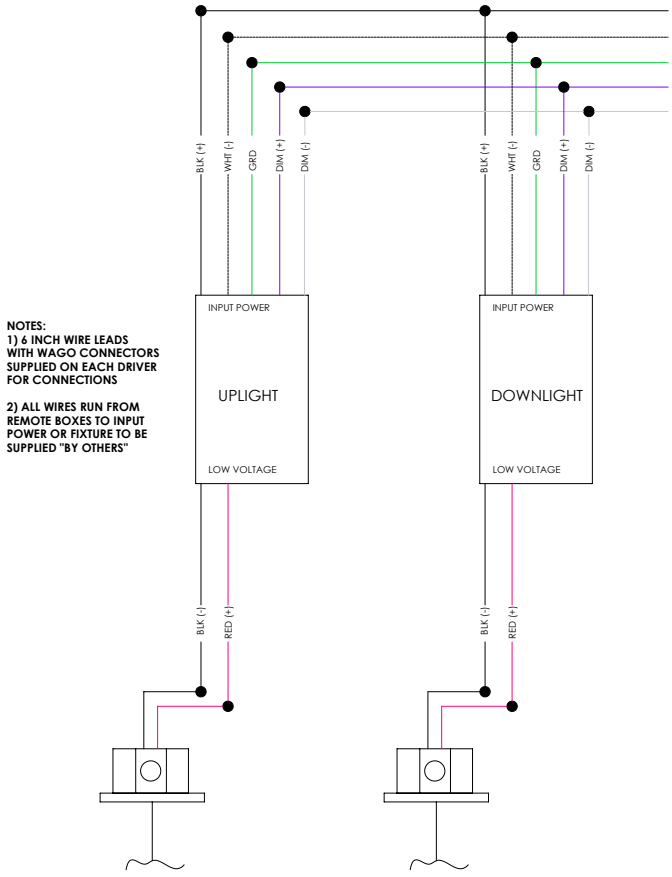
OLESID LSL 12FT MSL4 I80CRI I30K I1000LMF D30K 300LMF DARK ZT 120 DCT 1EC F7 18F C110



OLESID LSL 12FT MSL4 I80CRI I30K I1000LMF D30K 300LMF DARK ZT 120 DCT 2EC F7 18F C110

WIRING F3 MOUNT

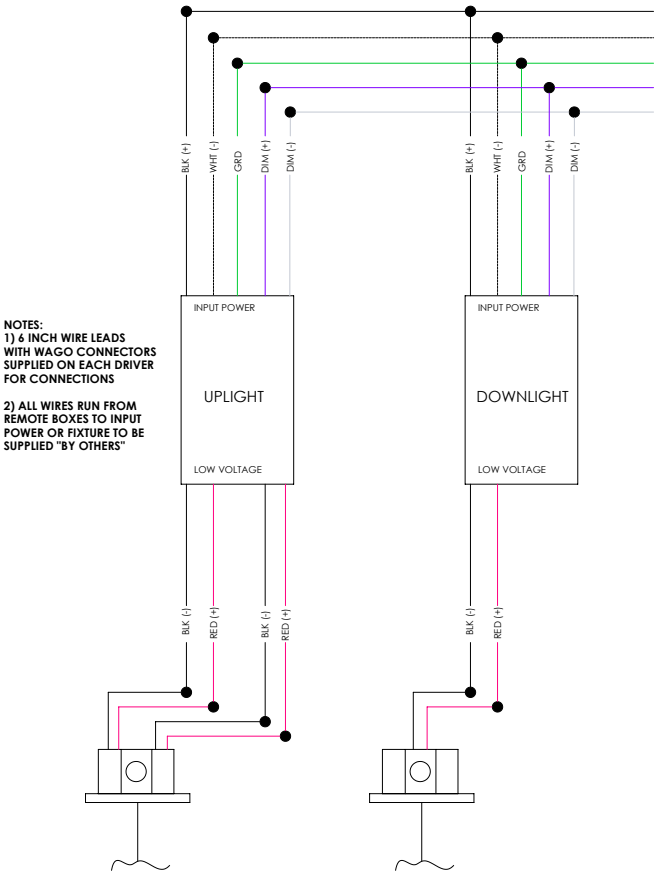
SCT - 4FT FIXTURE



NOTES:
1) 6 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:
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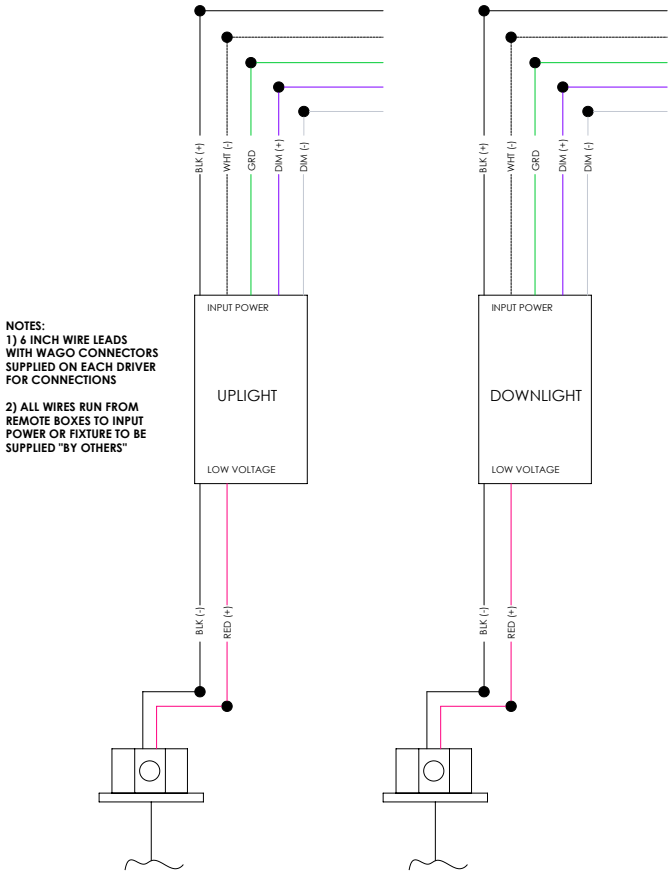
WIRING F3 MOUNT - continued

DCT - 4FT FIXTURE



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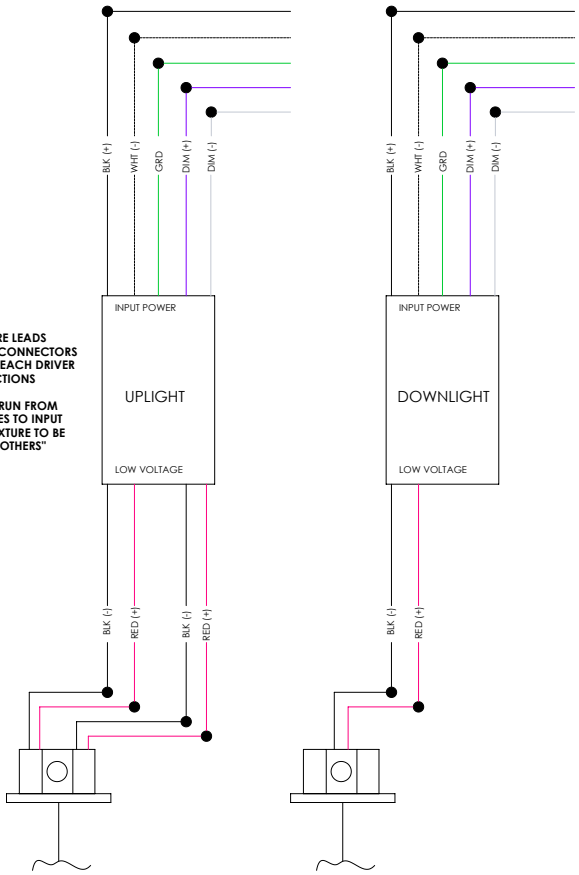
DCT - 6FT/8FT FIXTURE



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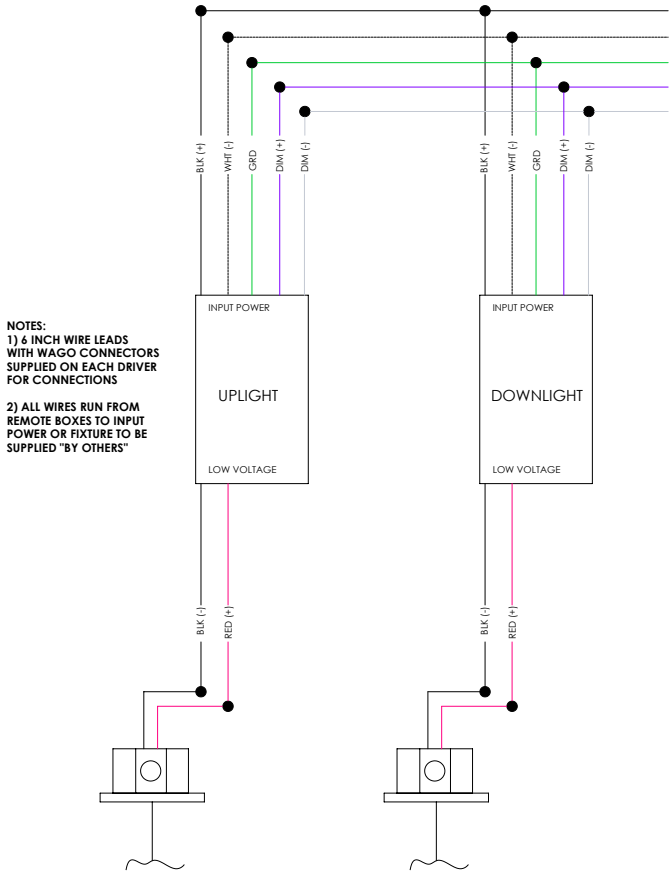
WIRING F7 MOUNT

SCT - 4FT FIXTURE



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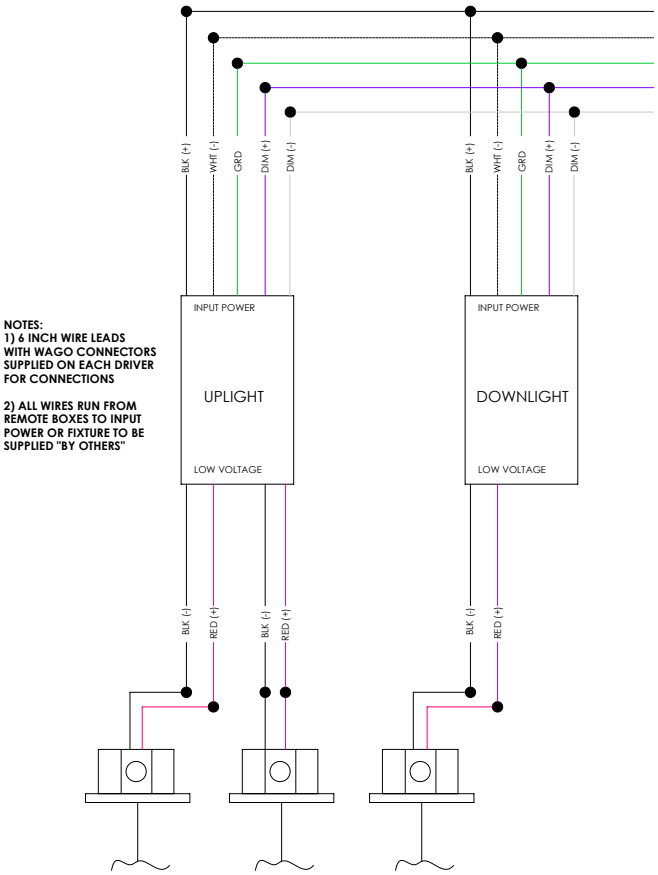
SCT - 6FT/8FT FIXTURE



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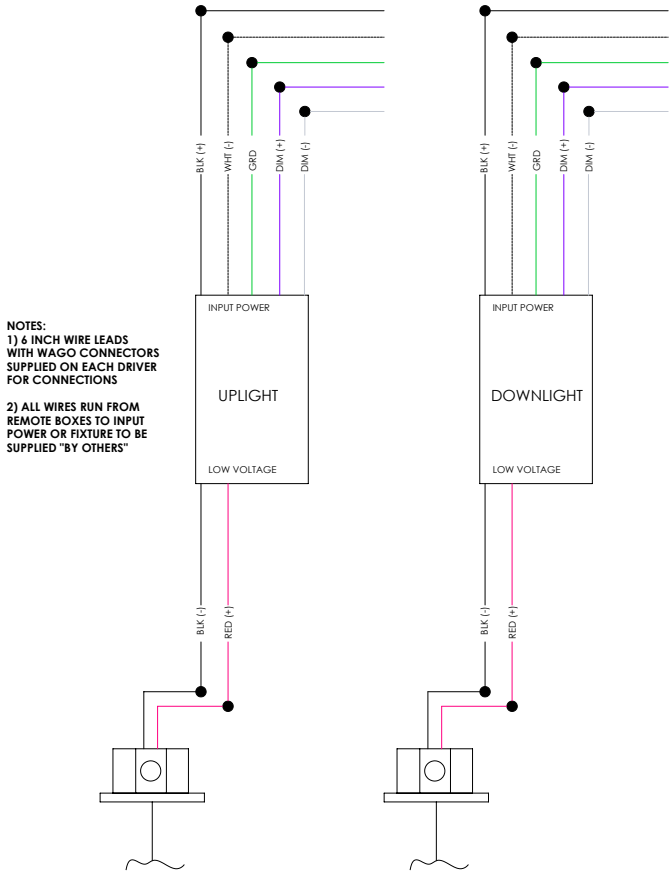
WIRING F7 MOUNT - continued

DCT - 4FT FIXTURE



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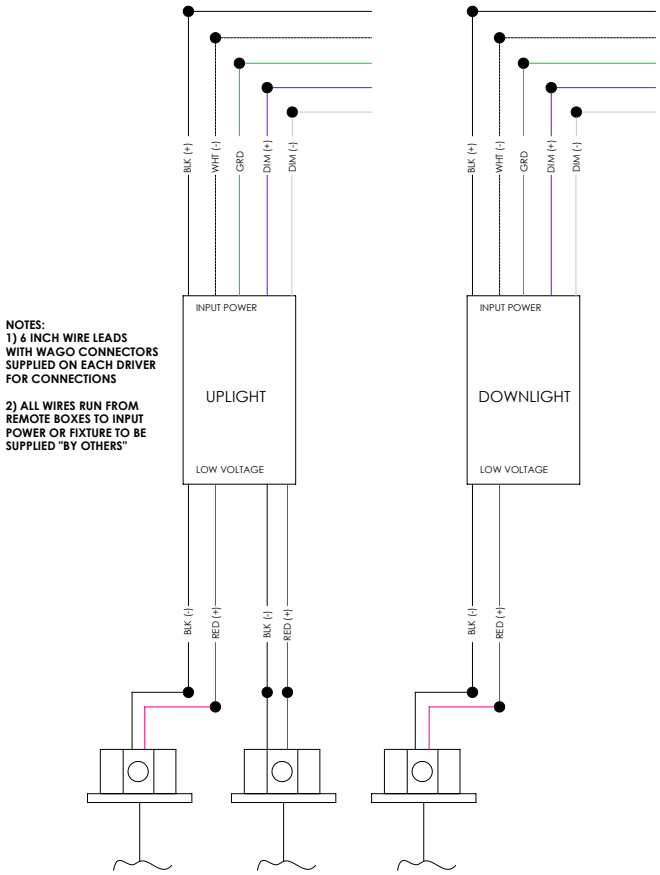

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