Date: _____   **Project:** _____

Fixture Type: _____   **Specifier/Rep:** _____

INDIRECT

DIRECT

1 14/16"
47mm

5 1/8"
130mm

L3HX-SW-SYS — ___ — DI — OP — ___ — ___ — ___ — ___ — X — ___ — ___ — ___ — ___ — / / — ___

Article #	Installation	Distribution	Diffuser	Length	Angle Couplers	Voltage	Linear	Spot x Qty	Electrical	Power Feed	Suspension Cable	Finishes	Accessories

| L3HX-SW-SYS HxO Suspension / Wall Mounted | S Suspension W Wall Mounted | DI Direct/Indirect | OP Opal | State desired length | (if required) FC surface 90° | 120V 277V 347V (Optional) | **Linear** **LED** **L307** (3000K) 7W/ft **L357** (3500K) 7W/ft **Fluorescent** **S1** T5 SO 1 lamp **H1** T5 HO 1 lamp | **Spot (x please specify quantity)** **Halogen** **1M** 1 x 50W MR16 (low voltage) **2M** 2 x 20W MR16 (low voltage) **LED** (standard finish: Aluminum, add 'B' for White finish) **1N30** (3000K) or **1N40** (4000K) **1W** or **2W** 13° **2N30** (3000K) or **2N40** (4000K) **1W** or **2W** 35° **1L30** (3000K) or **1L40** (4000K) **1W** or **2W** 13° adjustable **2L30** (3000K) or **2L40** (4000K) **1W** or **2W** 35° adjustable |

Electrical Options

LED	Fluorescent	Power Feed	Suspension Cable	Finishes (see page 5)	Accessories
Non-Dimming **25W** non-dimm. **60W** non-dimm. **100W** non-dimm. **Dimming** **DIM1** 0-10V (60W) **DIM2** 0-10V (100W) **DIM3** Lutron Hi-Lume A series **EM** Emergency (Supplied by others) other: please specify	**Non-Dimming** **S** Standard Output non-dimm. **H** High Output non-dimm. **Dimming** **DIM1** 0-10V **DIME** Lutron Eco System (10%) **DIME3** Lutron Eco System 3 Wire (10%) **DIM3D** Lutron Hi-Lume 3D (1%) **DIM3D3** Lutron Hi-Lume 3 Wire (1%) **DIMEH** Lutron Eco System H series (1%) **EM** Emergency (direct only) other: please specify	**1 Circuit** **1C3** 3 WIRE **1C4** 4 WIRE **1C5** 5 WIRE **2 Circuit** **2C3** 3 WIRE **2C4** 4 WIRE **2C5** 5 WIRE	**Standard Cable** **2M** 2000mm height **6M** 6000mm height **Cable with Strain Relief** **2MS** 2000mm height **6MS** 6000mm height	Please specify profile/end cap/ suspension cable. **00** Natural Anodized Aluminum **01** Sparkling Silver **02** Black Velvet **03** Crystal White **04** Creamy **05** Hampton Bay **06** Lagoon **07** Urban Forest **08** In the Army **09** Rusty Angel **10** Rusty Rush **11** Milk & Chocolate **12** Fade to Gray **13** Mysterious Gray **14** Twilight **15** Lost Dream **16** Purple Sky **17** Fresh Oh **18** Funky P. **19** Kissing Aphrodite **20** Poseidon's Paradise **21** Blue Sky **22** Spring Green **23** Mellow Yellow **24** Golden Heart **25** Gun Metal	**Fluorescent Gels** **R** Red **Y** Yellow **G** Green **B** Blue **P** Pink **Pp** Purple **O** Orange

For unique customized profiles please include a layout drawing or description below;
* Include detailed information such as distance between linear lamps, spots and aluminum caps.
* Zaneen will supply submittal drawing for approval once an order is received.

Profile Layout Suggestions

Available for International specifications by adding 'INT' at the end of the existing Model #. International spec sheets are available upon request.

Date: _____ **Project:** _____

Fixture Type: _____ **Specifier/Rep:** _____

Type Suspension (Non-IC Type) or Wall Mounted
Rated for Dry or Damp locations (IP20)
Approval Certified by C.S.A. for North American Standards
Emission Direct/ Indirect.
Aluminum caps offered to customize the location of the spot light.
Efficiency
Acrylic diffuser (snap-in) lens 32%

PROFILE

Measurements w.47mm (1 14/16") x ht. 130mm (5 1/8")
Housing Anodized extruded aluminum profile up to 9'-10 2/16" long. Profiles are joined with a coupler to ensure uniform appearance and easy installation. Extruded aluminum offers high reflective surface and excellent heat dissipation.
Corners 100% homogeneous appearance. Corners are created with mitered cut in lens and aluminum.
End Cap has two visible screws.
Finishes
Standard; Natural anodized aluminum
Optional; 24 colors offered using premium powder coated finish. Profile, end cap and suspension cable can be specified in different finishes.
Suspension Cable 1/16" aircraft cable supplied with chrome gripper. Maximum suspension from ceiling to top of the fixture is 6m. Maximum space between aircraft suspension cables is 1.8m.
Wall Bracket If required, aluminum wall brackets are located approximately every 4ft-4ft. Fasteners and wall anchors are supplied by others.
Mounting Holes Keyholes are drilled at the factory. Mounting hardware are supplied and installed by others.
When using wall fastening spacer or key hole milling, fixture must be specified as up light or down light.

INSERTS

Linear
LED
LED 3000K° (7W/ 1092 lm/ft)
LED 3500K° (7W/ 1176 lm/ft)
(LM 79-80)
LED inserts are offered in 3", 6",12" increments. Zaneen will finalize the actual profile length after calculating the inserts required.
* Please contact Zaneen for other color temperature options.
Fluorescent
Available Configurations
<u>Direct</u>
1 lamp flush
T5 SO: 21W, 28W, 35W / T5 HO: 39W, 54W
1 lamp overlap
T5 SO: 21W, 28W, 35W / T5 HO: 39W, 54W
<u>Indirect</u>
1 lamp flush
T5 SO: 14W, 21W, 28W, 35W / T5 HO: 24W, 39W, 54W
<u>Emergency (Direct only)</u>
1 lamp flush
T5 SO: 21W, 28W, 35W / T5 HO: 39W, 54W
1 lamp overlap
T5 SO: 21W, 28W, 35W / T5 HO: 39W, 54W
Spot
Halogen
MR11 (1X35W or 2X20W)

LED
1-2W / 350-500mA (constant current)
3000K°(1W/ 85lm, 2W/102lm)
4000K°(1W/ 106lm, 2W/127lm)
13°, 35° optics
non- adjustable or 25° adjustable
Spot inserts are not compatible with Lutron dimming drivers.

Minimum spacing between the LED spots is 3.5" with a remote power supply. Power supply can be integral with a minimum of 7" spacing between the LED spots.
Lamp Combination For specific lamp combinations or configurations, please specify the overall length and attach a sketch or drawing of the intended configuration. Zaneen will supply submittal drawings for approval once an order is received.

ELECTRICAL

Luminaires are pre-wired with a factory installed branch circuit wiring and quick-release connectors. Through wiring is used to connect the luminaires.
Power Feed 9mm diameter hole located on top of the profile. Strain relief is positioned over the power feed hole.

LED Driver Remote driver must be installed into a metal enclosure (supplied by others). Maximum distance between the power supply and the last fixture on the circuit is 30' using a 18-gauge wire. For more than 30', the gauge of the wire must be determined by a certified professional. The length of the fixture specified must be considered within the maximum distance of 30'.
Provisions must be made on site for accessibility to the power supplies.
*Electronic Class II driver, 120V/ 277V/ 347V(optional).
Dimming driver 0-10V (10-100%)
Lutron Hi-Lume A type dimming
Emergency Inverter Compatible To be installed remotely but provided by others, can be located up to 250' away from the fixture.
Emergency Circuit Wiring Upon request.

Fluorescent Ballast Electronic high-power factor ballast. Specify 120V, 277V, 347V. Ballast is pre-wired with leads to one end of fixture. Ballast is positioned behind the lamp insert and is fully accessible from below.
0-10V, Lutron 3-wire or Lutron digital dimming options are available.
*Lutron dimming ballast is used as standard 120V/ 277V/ 347V.
Emergency Ballast To be installed remotely. Suspension cable length must be maximum 2'.Only 1 emergency ballast for every 4' (flush) and/or 5' (flush or overlap) insert can be integral.
Emergency Circuit Wiring Upon request.
Emergency Testing Switch is installed on the side of the emergency ballast equipped fixture.

WARRANTY
Zaneen provides a limited warranty from date of purchase to original purchaser.
LED Inserts : 5 year
Rated for 50,000 hours at 70% lumen output (L70)
LED Driver : 5 year
Fluorescent / Ballast : 5 year
Dimming Ballast : 3 year
12V Transformer : 1 year
Non-Electrical Components : 1 year

Zaneen reserves the right to change the specifications and/or materials without notice. Please check www.zaneen.com for the most recent updates.
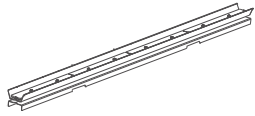
Date: _____   **Project:** _____

Fixture Type: _____   **Specifier/Rep:** _____

INSERTS

LINEAR INSERTS

LED

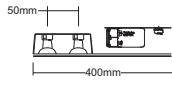|		Color Temp. (K)	Watt	Lumens Nominal	Actual	Length
	L307	3000° K	7W / ft	1092 lm/ft	324 lm/ft	3", 6",12" 76mm, 152mm, 304mm
LED	**L357**	3500° K	7W / ft	1176 lm/ft	360 lm/ft	3", 6",12" 76mm, 152mm, 304mm
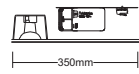
FLUORESCENT

		Flush	Overlap	Lamp Insert Position
S1	Standard Output T5: 14W,21W, 28W, 35W		1-Lamp	
H1	High Output T5: 24W,39W, 54W			
Emergency:	Standard Output T5: 21W, 28W, 35W High Output T5: 39W, 54W			

SPOT INSERTS

HALOGEN

		Lamp/ Voltage	Dimensions			Lamp/ Voltage	Dimensions
	1M	1 x 35W MR11 / 12Vac	350mm		**2M**	2 x 20W MR11/12Vac	50mm / 400mm

LED

OPTICS 13°		CT	Lamp/ Voltage	Lumens Nominal/ Actual	Dimensions	OPTICS 13°		CT	Lamp/ Voltage	Lumens Nominal/ Actual	Dimensions
	1N	**30**00K°	**1W**/350mA **2W**/500mA	103.6/ 89.72lm 138.75/ 122.88lm	Non- adjustable		**1L**	**30**00K°	**1W**/350mA **2W**/500mA	103.6/ 89.72lm 138.75/ 122.88lm	25° adjustable
		4000K°	**1W**/350mA **2W**/500mA	114.8/ 91.47lm 153.75/ 125.28lm	30mm			**40**00K°	**1W**/350mA **2W**/500mA	114.8/ 91.47lm 153.75/ 125.28lm	40mm

OPTICS 35°						OPTICS 35°					
	2N	**30**00K°	**1W**/350mA **2W**/500mA	103.6/ 87.86lm 138.75/ 120.33lm	Non- adjustable		**2L**	**30**00K°	**1W**/350mA **2W**/500mA	103.6/ 87.86lm 138.75/ 120.33lm	25° adjustable
		4000K°	**1W**/350mA **2W**/500mA	114.8/ 89.57lm 153.75/ 122.68lm	30mm			**40**00K°	**1W**/350mA **2W**/500mA	114.8/ 89.57lm 153.75/ 122.68lm	40mm

*Standard Finish: Aluminum / Add 'B' for White finish.   *Standard Finish: Aluminum / Add 'B' for White finish.

Date: _____ **Project:** _____

Fixture Type: _____ **Specifier/Rep:** _____

ELECTRICAL OPTIONS

LED

DRIVERS

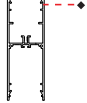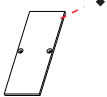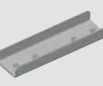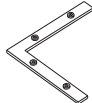|		Non-Dimm/Dimmable	Max. Wattage	Voltage	Dimensions (mm/inch)
	25W	non-dimm	25W		
	60W	non-dimm	60W		
	100W	non-dimm	100W	120-277V / 24Vdc	L.318x W.102x H.50.8mm
	DIM1	0-10V dimming	60W	347V (*Optional)	/L.12 1/2"x W.4"x H.2"
	DIM2	0-10V dimming	100W		
	DIM3	Lutron Hi-Lume A Series	40W	120-277V / 24Vdc	L.318x W.102x H.50.8mm /L.12 1/2"x W.4"x H.2"

FLUORESCENT

BALLASTS

		Non-Dimm/Dimmable	T5SO /Wattages	T5HO /Wattages	Voltage	Dimensions (mm/inch)
	S	Standard Output non-dimm	21-28-35W	---	120V-277V	INTEGRAL
	H	High Output non-dimm	---	39-54W	347V (*Optional)	
	DIM1	0-10V dimming	21-28W	54W		
	DIME	Lutron Eco System(10%)	21-28-35W	39-54W		
	DIME3	Lutron Eco System 3 wire (10%)	21-28-35W	39-54W	120V-277V	INTEGRAL
	DIM3D	Lutron Hi-Lume 3D (1%)	21-28W	39-54W	347V (*Optional)	
	DIM3D3	Lutron Hi-Lume 3 wire (1%)	21-28W	39-54W		
	DIMEH	Lutron Eco System H series (1%)	21-28W	39-54W		
	EM	Emergency	90 minutes operation	21-28-35W	39-54W	120V-277V	L.571.5x W.30x H.30mm /L.22 1/4"x W.1 3/16"x H.1 3/16"

COMPONENTS

◆ (refer to page 5 for finish options)

Aluminum Profile	*max. 3000mm lengths	
Opal Diffuser	*max. 3000mm lengths	
Aluminum Cap Profile	*max. 3000mm lengths	
End Cap		
Coupler		

◆ (refer to page 5 for finish options)

Corner Coupler - 90°		
Suspension Cable	2000mm 6000mm	
Suspension Cable with strain relief	2000mm 6000mm	
Power Feed	2000mm - 3 wire 2000mm - 4 wire 2000mm - 5 wire 6000mm - 3 wire 6000mm - 4 wire 6000mm - 5 wire	
Wall Fastening Spacer (includes key hole milling)		

ZANEEN

HxO Profile System - Suspension

Date: _____ Project: _____

Fixture Type: _____ Specifier/Rep: _____

Color Choices:

00 natural anodized aluminum	**01** sparkling silver RAL9006FS	**02** black velvet RAL9005FS	**03** crystal white RAL 9016FS	**04** creamy	**05** hampton bay	**06** lagoon
07 urban forest	**08** in the army	**09** rusty angel	**10** rusty rush	**11** milk & chocolate	**12** fade to gray	**13** mysterious gray
14 twilight	**15** lost dream	**16** purple sky	**17** fresh Oh	**18** funky P.	**19** kissing aphrodite	**20** poseidon's paradise
21 blue sky	**22** spring green	**23** mellow yellow	**24** golden heart	**25** gun metal		

00 Standard Finish: natural anodized aluminum
01-25 Color Finishes: additional charge

ADDITIONAL NOTES

Date: _____   Project: _____

Fixture Type: _____   Specifier/Rep: _____

WIRING DIAGRAMS FOR LINEAR LED

0-10V DIMMING

*Zaneen recommends Diva 0-10V (DVTV) dimmer.
* This diagram applies only to Diva 0-10V (DVTV) dimmer.
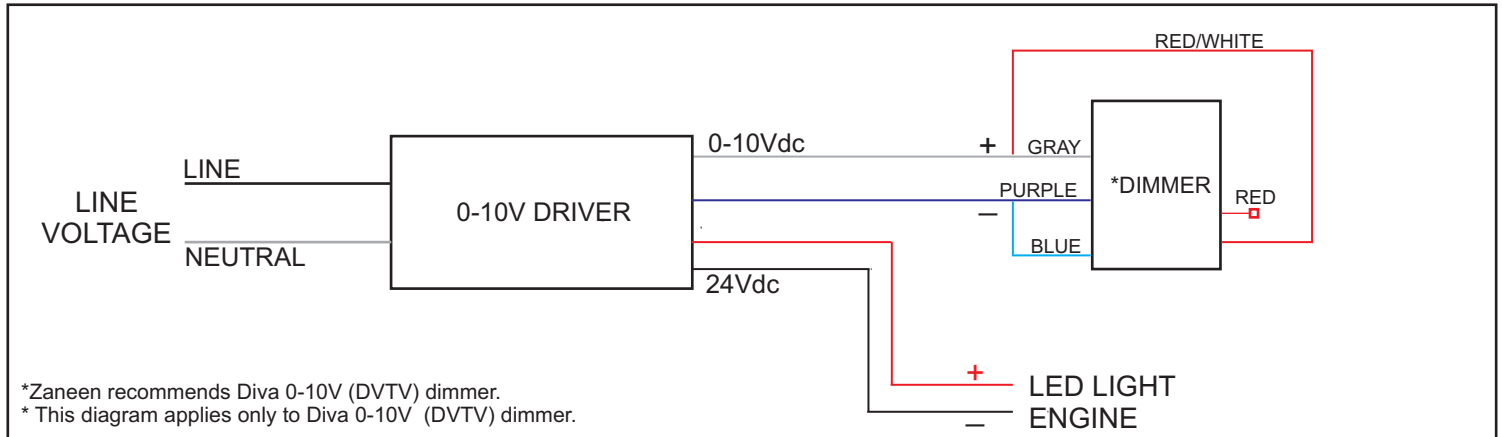
LUTRON ECO SYSTEM DIGITAL DIMMING

LUTRON 3-WIRE DIMMER CONTROL

Zaneen reserves the right to change the specifications and/or materials without notice. Please check www.zaneen.com for the most recent updates.

ZANEEN

HxO Profile System - Suspension
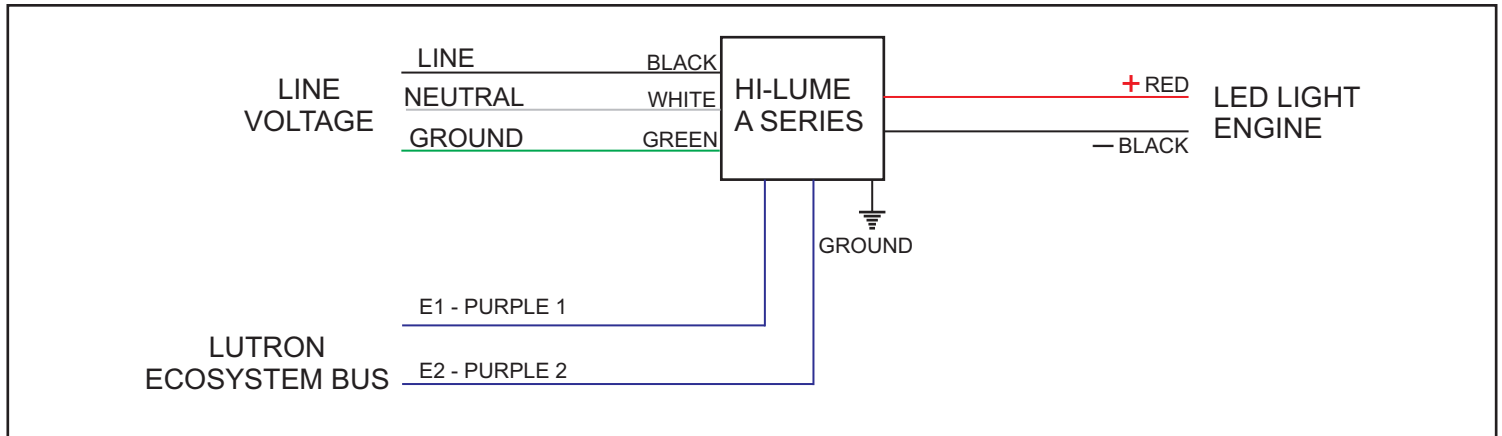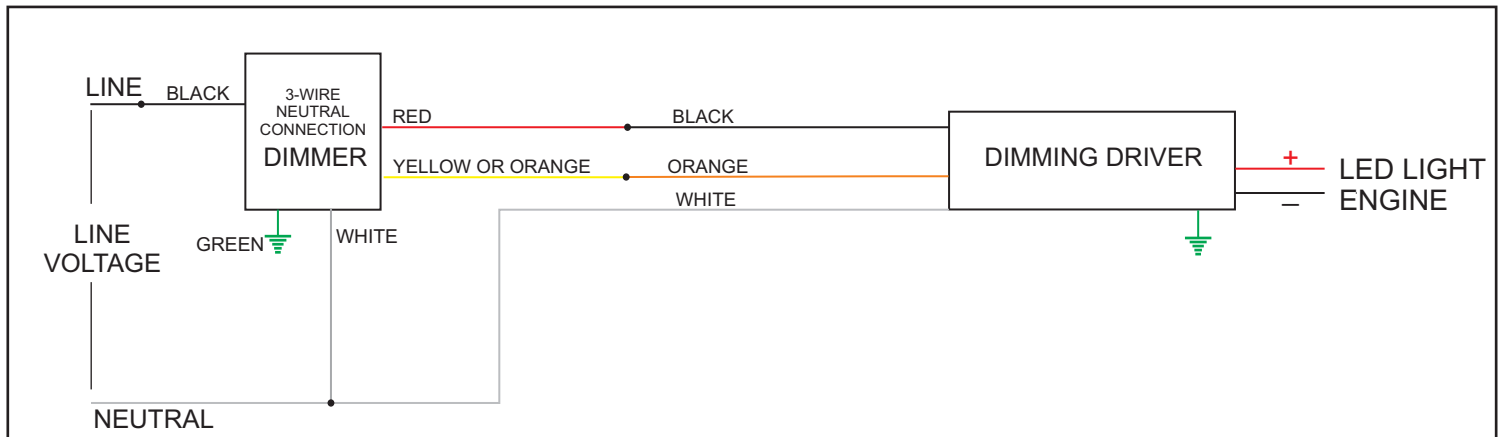
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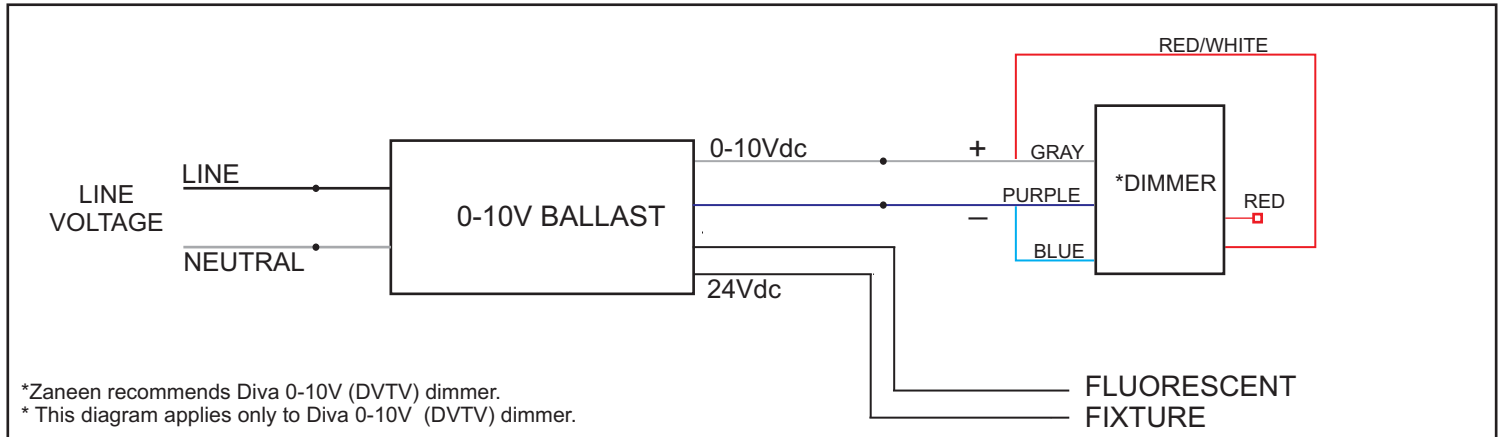Fixture Type: _____ Specifier/Rep: _____

WIRING DIAGRAMS FOR FLUORESCENT T5 SO AND HO

0-10V DIMMING

LINE VOLTAGE — LINE — NEUTRAL
0-10V BALLAST
0-10Vdc — + — GRAY
24Vdc
PURPLE — −
BLUE
RED/WHITE
*DIMMER
RED
FLUORESCENT FIXTURE

*Zaneen recommends Diva 0-10V (DVTV) dimmer.
* This diagram applies only to Diva 0-10V (DVTV) dimmer.

LUTRON ECO SYSTEM DIGITAL DIMMING

LINE VOLTAGE — LINE — NEUTRAL
BALLAST
E1 - PURPLE 1
E2 - PURPLE 2
LUTRON ECOSYSTEM BUS
FLUORESCENT FIXTURE

LUTRON 3-WIRE DIMMER CONTROL

LINE — BLACK
3-WIRE NEUTRAL CONNECTION DIMMER
RED — BLACK
YELLOW OR ORANGE — ORANGE
WHITE
DIMMING BALLAST
NEUTRAL — LINE
FLUORESCENT FIXTURE
GREEN — WHITE
LINE VOLTAGE
NEUTRAL