

DO NOT MODIFY OR ALTER THIS PRODUCT IN ANY WAY, OR INSTALL IN ANY FASHION WHICH IS CONTRARY TO THE INSTRUCTIONS CONTAINED HEREIN.
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GENERAL NOTES:

1. Install fixtures per its applicable instruction sheet.
2. Branch circuits are solid or stranded 12 or 18 gauge wire with push-in connectors at one end, wires stripped back at the other, and extend out both ends of the fixture approximately 12".
3. Arrange fixtures in a row so that the push-in connector mates with the stripped end from an adjacent fixture.
4. Insert stripped wire into the connector of the corresponding wire color, push wiring into hole or opening in fixture.
5. Cap off remaining stripped ends of all conductors after making feed connections.
6. See Table 4 to determine the total load allowed for a single feed cord.
7. "W3" in catalog code = Branch circuit conductors provided for normal circuit only. The installing contractor provides and installs the branch circuit wiring for nightlight/emergency or battery packs as needed.

Refer to the catalog code on the shipping label to determine the appropriate Installation Instruction page. (See Table 1)

EXAMPLES: 3L-P-ID-STD-8-C1-35K-I030/D030-D10-1C-UNV-W3-EFDL-IND (Result: refer to page 3)
59-P-ID-8-C2-2T5-NPN-2C-UNV-W2-NLL (Result: refer to page 4)

FW0N	K0IH	NPL	OT0H	POLH	UA0N	UU0N
GO0N	K0IL	NPN	OT0L	POPH	UBL0	
GU0H	K0IN	OE0L	OT0N	POPL	UBL3	
GU0L	K0PN	OH0N	PC0N	POP0	UBLH	
GU0N	LTW	OP0H	PMX0	PS0N	UDF0	
GUSH	NIH	OP0L	POIH	SOPN	UDFH	
GUSL	NIL	OP0N	POIL	U00N	UDFL	

Table 2

DALI	LH37	PM70
DALIP	LH3D	POLH
GUVH	LHI	PR00
GUVN	LHI7	US10
LE30	LHID	UV10
LEC	OD00	D05
LEH0	OHEL	D00

Table 3

Wiring Code	Ballast/Driver Code	NL or EF	Installation Instruction page
W3 (See Note 7.)	Code found in Table 2	May or may not include NL and/or EF	2
	Code found in Table 3	May or may not include NL and/or EF	3
W2	Code found in Table 2	NL and/or EF	4
	Code found in Table 3	NL	5
		EF	6
W1	No Through Wiring. Instructions not needed.		

Table 1

FEED CORD	The number of fixtures fed from a single feed cord is limited by the ampacity of the fixture branch circuit wire gauge and/or the rated ampacity of the feed cord provided.		FIXTURE BRANCH CIRCUIT WIRE GAUGE	
			12 GA	18 GA
	18/4 SJT or ST	7 AMPS	6 AMPS	
	18/5 SJT	5 AMPS	5 AMPS	
	18/6 SJT	5 AMPS	5 AMPS	

Table 4

INSTALLATION INSTRUCTIONS

**SINGLE or TWO CIRCUIT (1C or 2C)
NON-DIMMING, 2-WIRE or
STEP-DIMMING (See Table)
THRU WIRING NORMAL CIRCUIT ONLY (W3) PG. 2 OF 6**

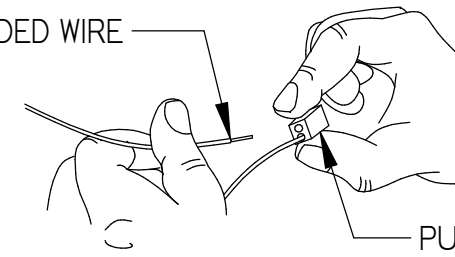
P/C **510401-06**

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LEGEND

- = STRIPPED WIRE LEAD
- = WIRE LEAD WITH PUSH-IN CONNECTOR

SOLID OR STRANDED WIRE



PUSH-IN CONNECTOR

BALLAST/DRIVER CODES

Non-Dimming Codes

A00N	NIH	POIH
A0RN	NIL	POIL
FW0N	NIN	POIN
G00N	NPH	POPH
GU0H	NPL	POPL
GU0L	NPN	POPN
GU0N	OE0L	PS0N
GUSH	OH0N	S0PN
GUSL	OP0H	U00N
GUSN	OP0L	UA0H
GUXL	OP0N	UA0L
K0IH	OT0H	UA0N
K0IL	OT0L	UT0N
K0IN	OT0N	UU0L
K0PN	PC0N	UU0N

**2-Wire Dimming
(2-wire phase control,
Powerline,
Demand response)**

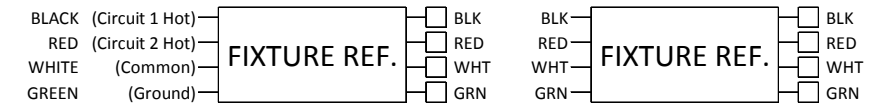
LTW
PMX0
UDF0
UDFH
UDFL

Step-Dimming

OPL0
OQL0
POL0
POLH
UBL0
UBL3
UBLH



SINGLE CIRCUIT (1C), W3 WIRING (Including 2-Wire Dimming)

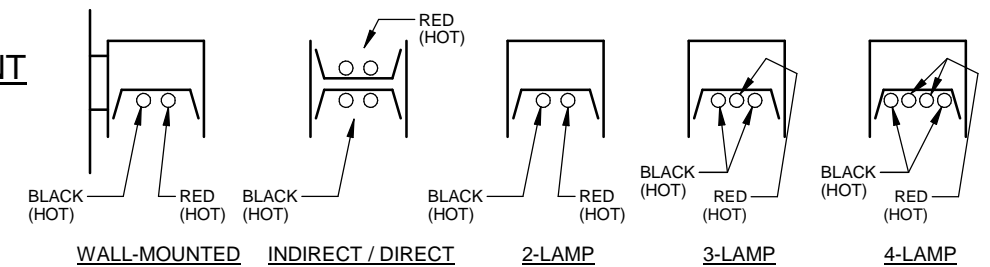


TWO CIRCUIT (2C), W3 WIRING (Including Fluorescent Step-Dimming)

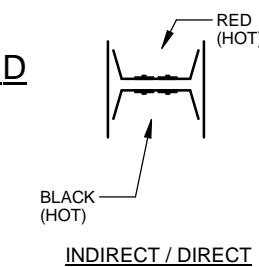
(See diagrams below for circuiting orientation)

2C CIRCUITING ORIENTATION

FLUORESCENT



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INSTALLATION INSTRUCTIONS

P/C **510401-06**

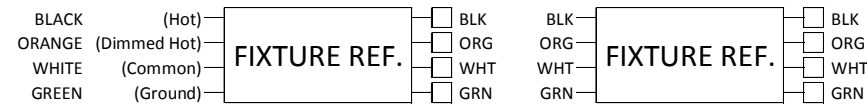
**SINGLE or TWO CIRCUIT (1C or 2C)
DIMMING (See Table)
THRU WIRING NORMAL CIRCUIT ONLY (W3)**

PG. 3 OF 6

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BALLAST/DRIVER CODES

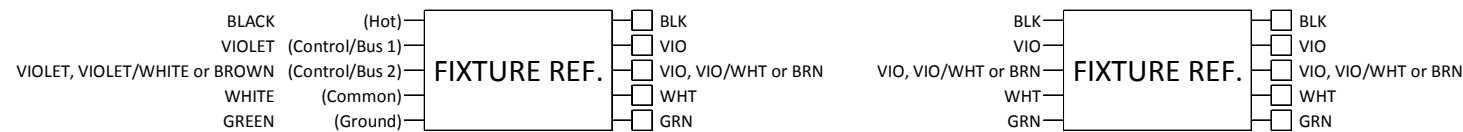
3-Wire Dimming	LE30
	LE10
	LH37
	LH3D
	LHI7
	LHID
Low-Voltage Dimming	GUVH
	D00
	D01
	D05
	D10
	GUVN
	OHEL
	OP10
	OPLV
	PM70
US10	
UV10	
Intelligent/Network (DALI)	DALI
	DALIP
	LEC
	LEH0
	LEH7
	LHI
	OD00
PR00	



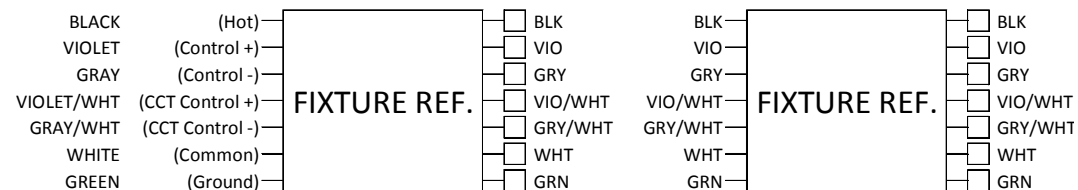
SINGLE CIRCUIT (1C) WITH 3-WIRE DIMMING, W3 WIRING



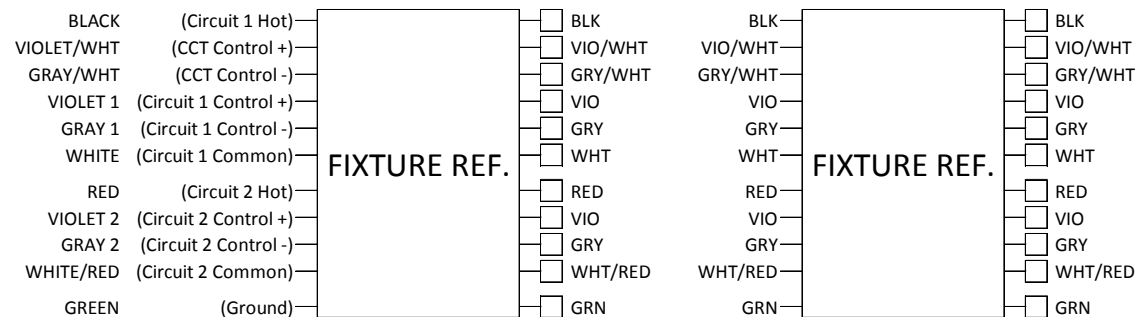
SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING, W3 WIRING



SINGLE CIRCUIT (1C) WITH INTELLIGENT/NETWORK DIMMING, W3 WIRING



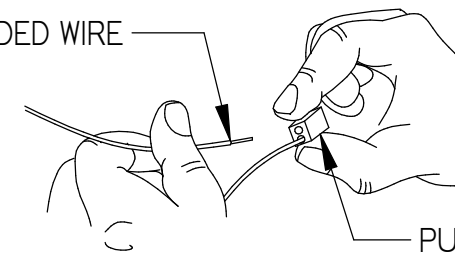
SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT, W3 WIRING



SINGLE CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT, W3 WIRING

(See diagrams below for circuiting orientation)

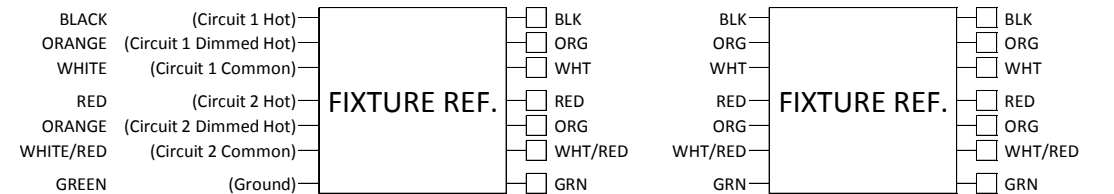
SOLID OR STRANDED WIRE



PUSH-IN CONNECTOR

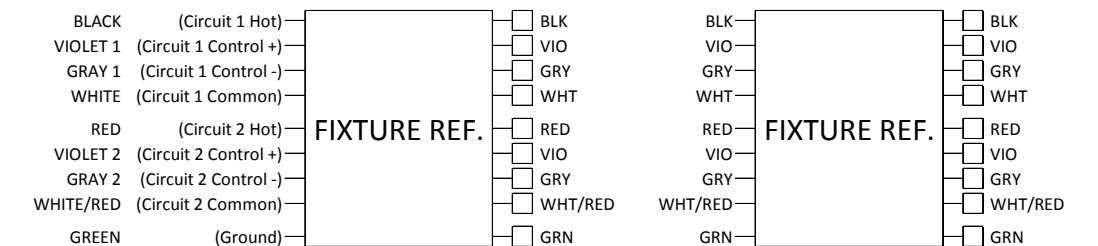
LEGEND

- = STRIPPED WIRE LEAD
- = WIRE LEAD WITH PUSH-IN CONNECTOR



TWO CIRCUIT (2C) WITH 3-WIRE DIMMING, W3 WIRING

(See diagrams below for circuiting orientation)

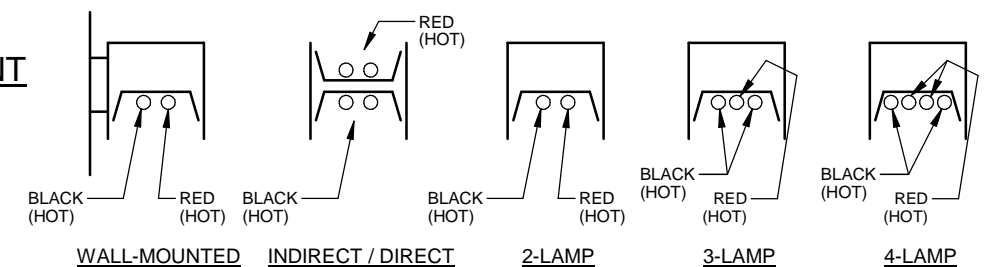


TWO CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING, W3 WIRING

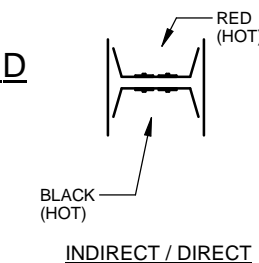
(See diagrams below for circuiting orientation)

2C CIRCUITING ORIENTATION

FLUORESCENT



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INSTALLATION INSTRUCTIONS

**SINGLE or TWO CIRCUIT (1C or 2C)
NON-DIMMING, 2-WIRE or STEP-DIMMING (See Table)
NIGHTLIGHT (NL) or BATTERY PACK (EF)
THRU WIRING ALL CIRCUITS (W2)**

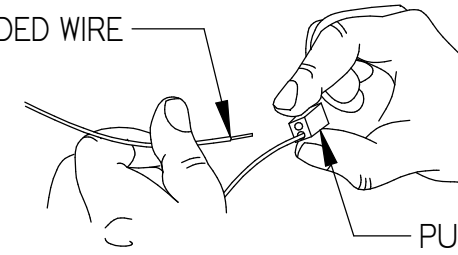
P/C **510401-06**

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LEGEND

- = STRIPPED WIRE LEAD
- = WIRE LEAD WITH PUSH-IN CONNECTOR

SOLID OR STRANDED WIRE



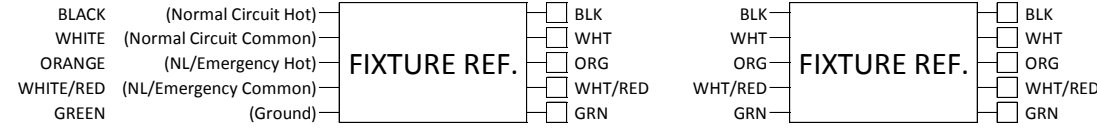
PUSH-IN CONNECTOR

BALLAST/DRIVER CODES

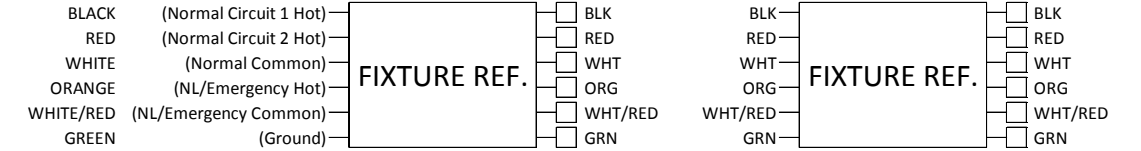
Non-Dimming Codes	A00N	NIH	POIH
	A0RN	NIL	POIL
	FWON	NIN	POIN
	GOON	NPH	POPH
	GUOH	NPL	POPL
	GUOL	NPN	POPN
	GUON	OEOL	PSON
	GUSH	OHON	SOPN
	GUSL	OPOH	U00N
	GUSN	OPOL	UAOH
	GUXL	OPON	UAOL
	KOIH	OTOH	UAON
	KOIL	OTOL	UTON
	KOIN	OTON	UUOL
KOPN	PCON	UUON	

2-Wire Dimming (2-wire phase control, Powerline, Demand response)	LTW
	PMX0
	UDF0
	UDFH
	UDFL

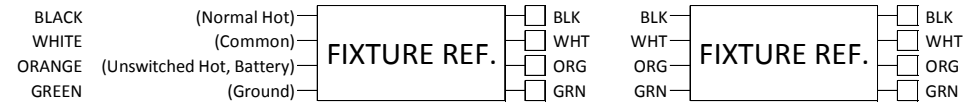
Step-Dimming	OPL0
	OQL0
	POL0
	POLH
	UBL0
	UBL3
UBLH	



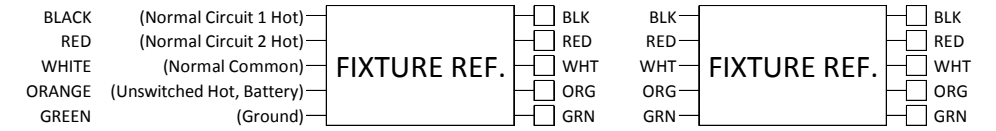
SINGLE CIRCUIT (1C) & NIGHTLIGHT (NL), W2 WIRING



TWO CIRCUIT (2C) & NIGHTLIGHT (NL), W2 WIRING
(See diagrams below for circuiting orientation)



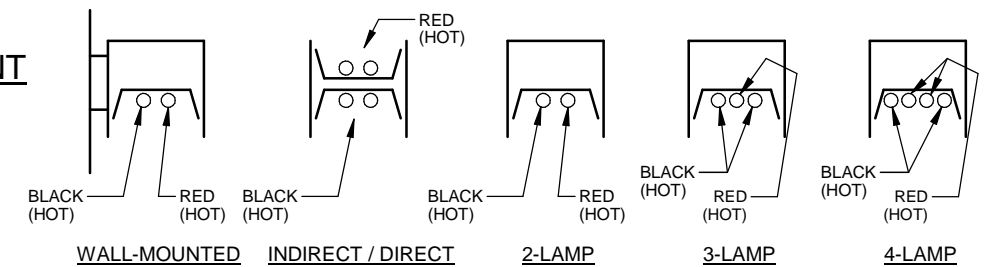
SINGLE CIRCUIT (1C) & BATTERY PACK (EF), W2 WIRING



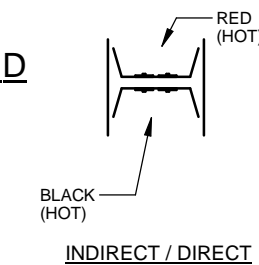
TWO CIRCUIT (2C) & BATTERY PACK (EF), W2 WIRING
(See diagrams below for circuiting orientation)

2C CIRCUITING ORIENTATION

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INSTALLATION INSTRUCTIONS

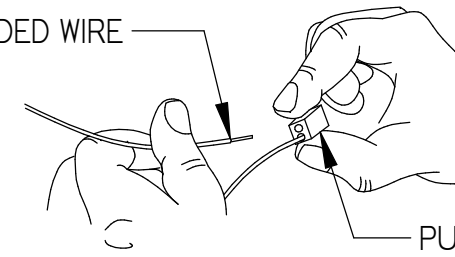
P/C **510401-06**

**SINGLE or TWO CIRCUIT (1C or 2C)
DIMMING (See Table)
NIGHTLIGHT (NL)
THRU WIRING ALL CIRCUITS (W2)**

PG. 5 OF 6

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SOLID OR STRANDED WIRE



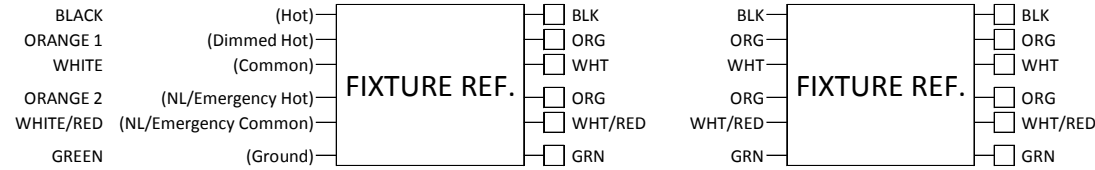
PUSH-IN CONNECTOR

LEGEND

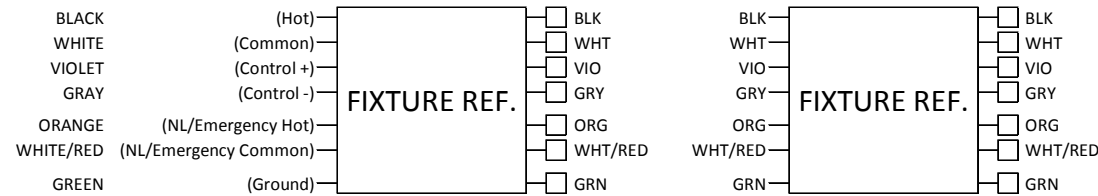
- = STRIPPED WIRE LEAD
- = WIRE LEAD WITH PUSH-IN CONNECTOR

BALLAST/DRIVER CODES

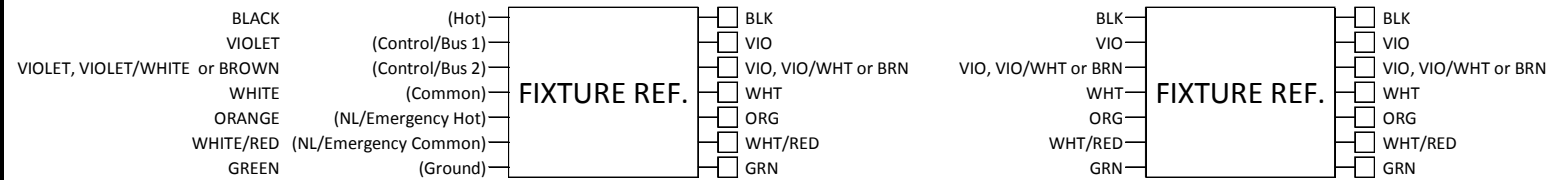
3-Wire Dimming	LE30
	LEI0
	LH37
	LH3D
	LHI7
	LHID
Low-Voltage Dimming	GUVH
	D00
	D01
	D05
	D10
	GUVN
	OHEL
	OP10
	OPLV
	PM70
Intelligent/Network (DALI)	US10
	UV10
	DALI
	DALIP
	LEC
	LEH0
	LEH7
LHI	
OD00	
PRO0	



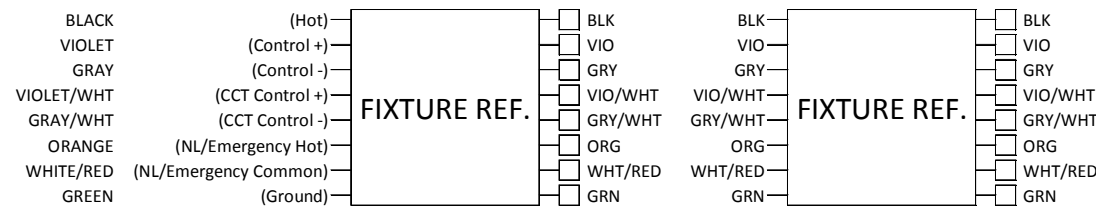
SINGLE CIRCUIT (1C) WITH 3-WIRE DIMMING & NIGHTLIGHT (NL), W2 WIRING



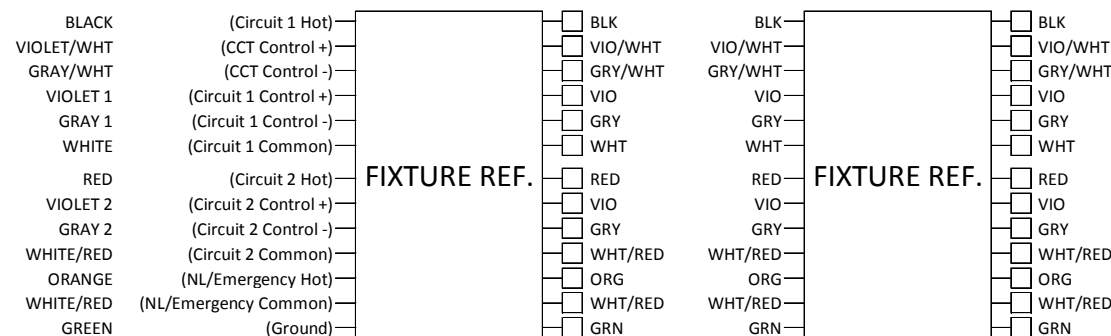
SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING & NIGHTLIGHT (NL), W2 WIRING



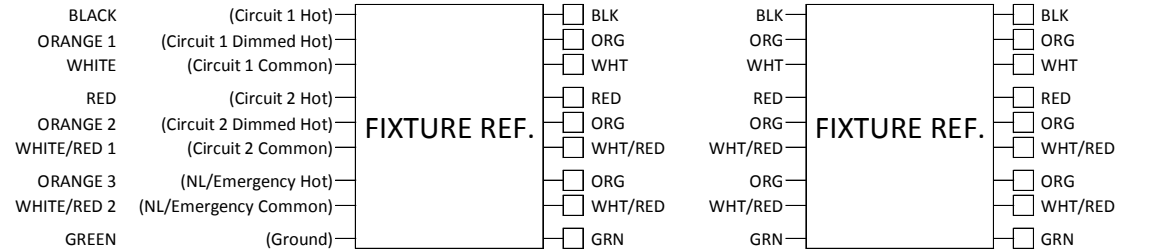
SINGLE CIRCUIT (1C) WITH INTELLIGENT/NETWORK DIMMING & NIGHTLIGHT (NL), W2 WIRING



SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT & NIGHTLIGHT (NL), W2 WIRING

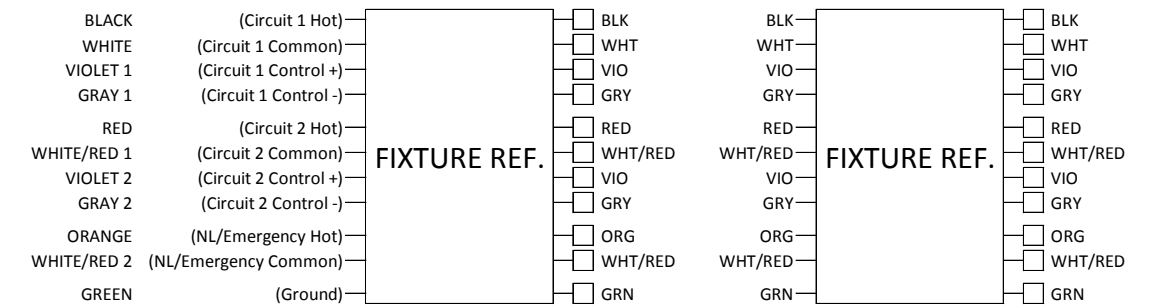


TWO CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT & NIGHTLIGHT (NL), W2 WIRING



TWO CIRCUIT (2C) WITH 3-WIRE DIMMING & NIGHTLIGHT (NL), W2 WIRING

(See diagrams below for circuiting orientation)

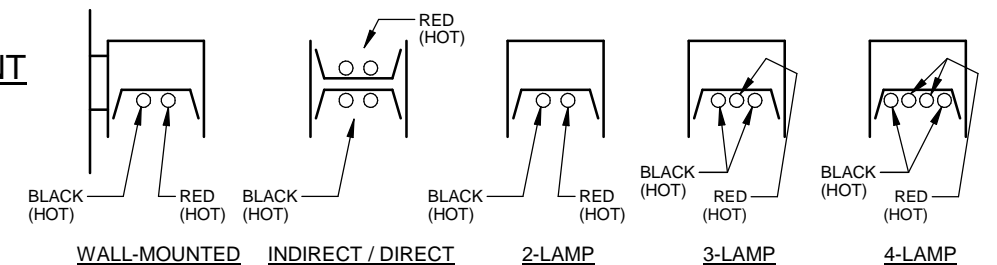


TWO CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING & NIGHTLIGHT (NL), W2 WIRING

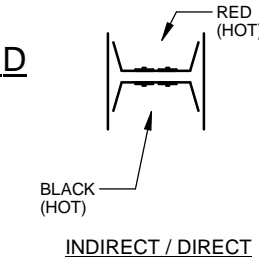
(See diagrams below for circuiting orientation)

2C CIRCUITING ORIENTATION

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INSTALLATION INSTRUCTIONS

P/C **510401-06**

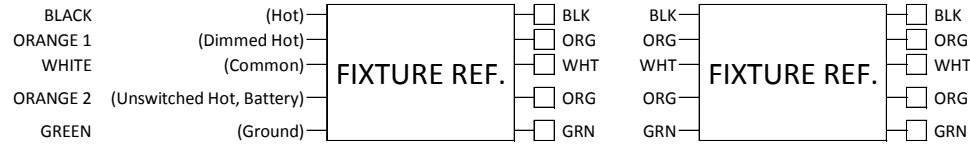
**SINGLE or TWO CIRCUIT (1C or 2C)
DIMMING (See Table)
BATTERY PACK (EF)
THRU WIRING ALL CIRCUITS (W2)**

PG. 6 OF 6

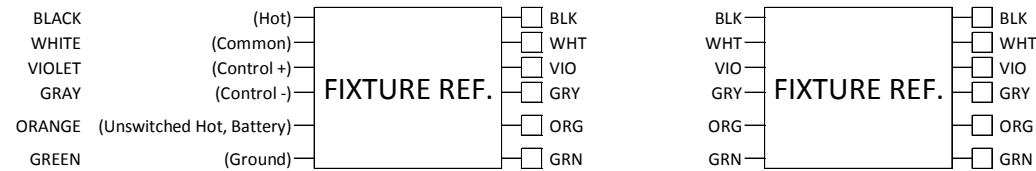
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BALLAST/DRIVER CODES

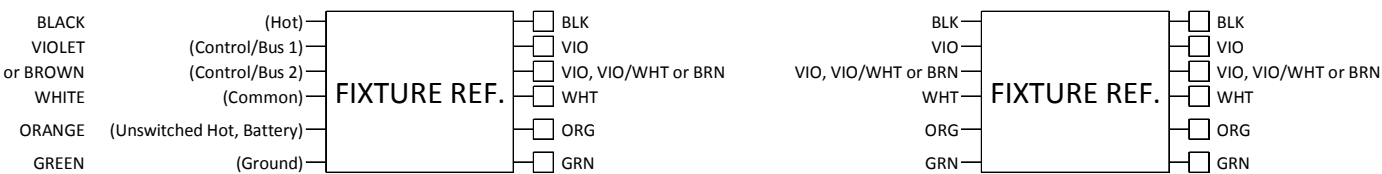
3-Wire Dimming	LE30
	LE10
	LH37
	LH3D
	LHI7
	LHID
Low-Voltage Dimming	GUVH
	D00
	D01
	D05
	D10
	GUVN
	OHEL
	OP10
	OPLV
	PM70
Intelligent/Network (DALI)	US10
	UV10
	DALI
	DALIP
	LEC
	LEH0
	LEH7
LHI	
OD00	
PR00	



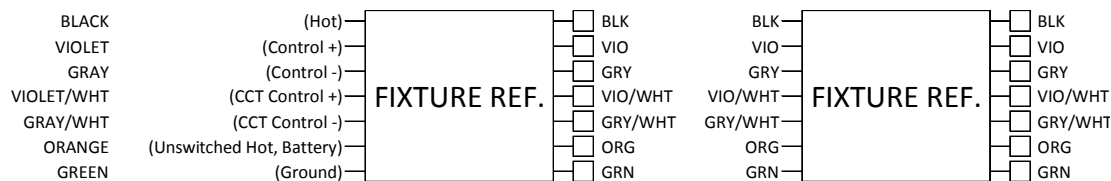
SINGLE CIRCUIT (1C) WITH 3-WIRE DIMMING & BATTERY PACK (EF), W2 WIRING



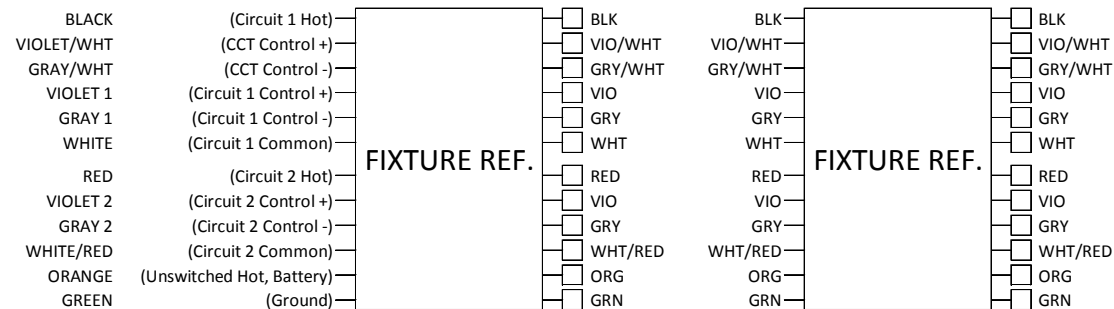
SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING & BATTERY PACK (EF), W2 WIRING



SINGLE CIRCUIT (1C) WITH INTELLIGENT/NETWORK DIMMING & BATTERY PACK (EF), W2 WIRING

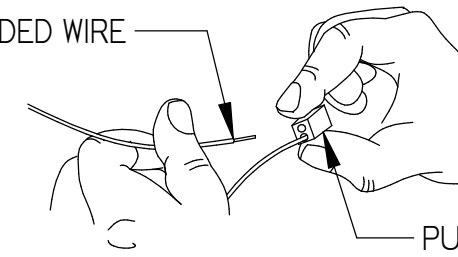


SINGLE CIRCUIT (1C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT & BATTERY PACK (EF), W2 WIRING



TWO CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING & SPECTRASYNC 27XXT & BATTERY PACK (EF), W2 WIRING

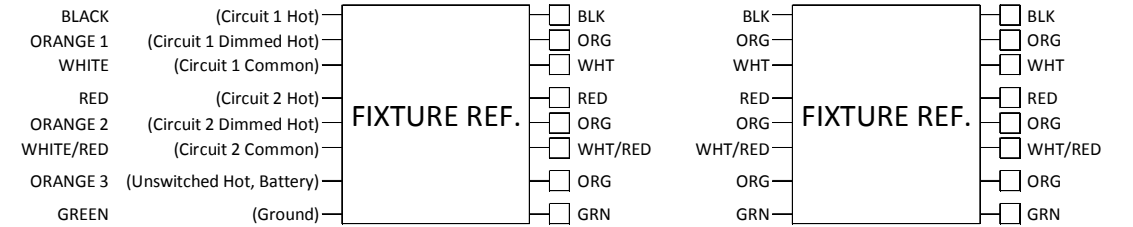
SOLID OR STRANDED WIRE



PUSH-IN CONNECTOR

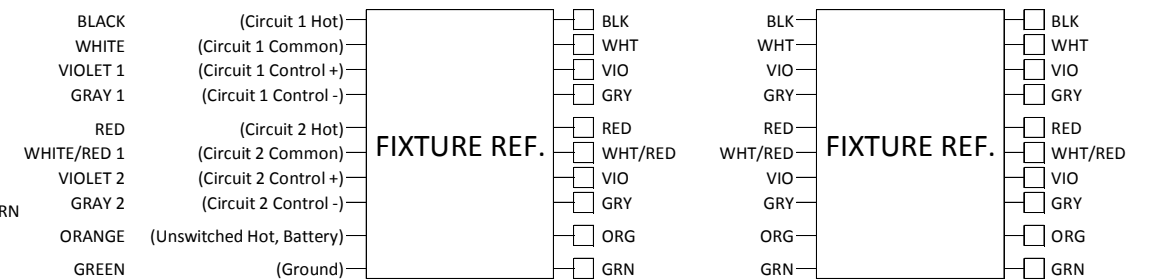
LEGEND

- = STRIPPED WIRE LEAD
- = WIRE LEAD WITH PUSH-IN CONNECTOR



TWO CIRCUIT (2C) WITH 3-WIRE DIMMING & BATTERY PACK (EF), W2 WIRING

(See diagrams below for circuiting orientation)

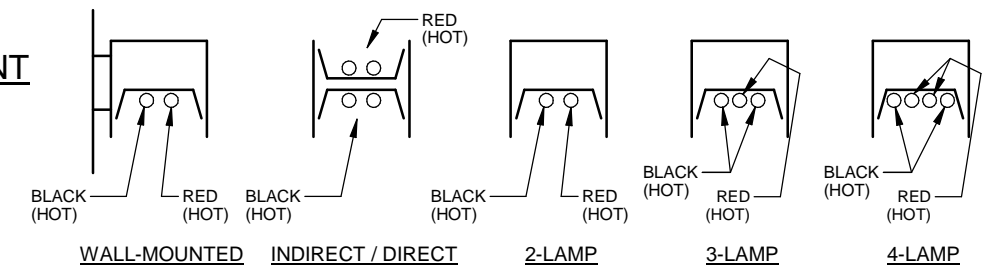


TWO CIRCUIT (2C) WITH LOW-VOLTAGE DIMMING & BATTERY PACK (EF), W2 WIRING

(See diagrams below for circuiting orientation)

2C CIRCUITING ORIENTATION

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