QUICK CONNECT WIRING

TECHNICAL INFO

FOR USE WITH: HIGH BAY, INDUSTRIAL, STRIPS, WRAPS

SEE PAGE 2 FOR SUSPENDED ARCHITECTURAL INFO

FACTORY-INSTALLED BRANCH CIRCUIT WIRING

Designed specifically to save labor installation costs, the quick connect option utilizes a molded nylon self-locking polarized connector with factory-installed branch circuit wiring. Fixtures simply plug together, and the possibility of cross wiring is eliminated. Rated for 600 volts, 11.5 amp max, No. 16 AWG wires, THHN, 90°C wires. Available with 1, 2, or 3 circuits plus neutral and ground wires. For use in fixtures with 4′, 6′, and 8′ lengths mounted in continuous rows. UL listed.

- Specifications are subject to change. Consult factory for verification.
- To order, suffix fixture catalog number with quick-connect wiring number. Example: 75-4-L85/835-**QCBW/PK**
- Quantity of wires includes one neutral wire. In addition, (1) No. 18 AWG wire grounds fixture housing.
- Each individual fixture is labeled with quantity of branch circuit wires installed and color of wires the drivers/ballasts are connected to.

ORDERING INFORMATION

Note: Each harness consists of black, white, red, purple, pink, & ground leads. All conductors are 16 ga wire.

DESIGNATION	# OF WIRES FACTORY CONNECTED (EXCLUDING GRD)	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE	NOTES
QCBW	2	Black, White	On/off switching (DRV) or line voltage dimming (DIM LINE)	
QCRW	2	Red, White	Alternating circuits on/off switching (DRV) or line voltage dimming (DIM LINE)	QCBW & QCRW fixtures are combined in rows for alternate switching or to designate night lights
QCBRW	3	Black, Red, White	On/off switching (DRV) or line voltage dimming when equipped with EM battery packs	Red is used for unswitched power to EM batteries
QCBW/PK	4	Black, White, Purple, Pink	Single circuit with 0-10V low voltage dimming (DIM)	
QCRW/PK	4	Red, White, Purple, Pink	Alternating circuits on/off switching with 0-10V low voltage dimming (DIM)	Both circuits share the same 0-10V leads - typically paired with QCBW/PK fixture in rows
QCBRW/PK	5	Black, Red, White, Purple, Pink	On/off switching when equipped with EM battery packs and 0-10V dimming (DIM)	Red is used for unswitched power to EM batteries
QCBW/RPK	5	Black, White, Red, Purple, Pink	On/off switching with 0-10v dimming and 0-10v tunable using shared common	Red is used for positive 0-10V for 2-channel tunable driver
QCUU	N/A	N/A	QC harness passes through fixture, but is not connected to it	

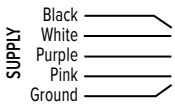
TYPICAL APPLICATIONS

▲ Denotes driver/ballast connected to **red** supply circuit. **X** Denotes driver/ballast connected to **black** supply circuit.

EXAMPLE A: Two circuits with alternate fixture on separate circuits. Driver: DRV

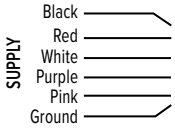
QCBW X	QCRW ▲	QCBW X	QCRW ▲	QCBW X	QCRW ▲	QCBW X	QCRW ▲

EXAMPLE B: Single circuit. Driver: QCBW used with DRV, QCBW/PK used with DIM



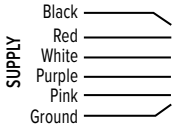
QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X

EXAMPLE C: Two circuits with designated night lights on separate circuit. Driver: QCBW & QCRW used with DRV, QCBW/PK & QCRW/PK used with DIM. All fixtures share 0-10v dim leads.



QCBW QCBW/PK X	QCRW QCRW/PK ▲	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCRW QCRW/PK ▲	QCBW QCBW/PK X

EXAMPLE D: Single circuit with EM fixtures supplied with constant hot source for battery charging. Driver: QCBW & QCBRW used with DRV, QCBW/PK & QCBRW/PK used with DIM. All fixtures share 0-10v dim leads.



QCBW QCBW/PK X	QCBRW QCBRW/PK ▲	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBW QCBW/PK X	QCBRW QCBRW/PK ▲	QCBW QCBW/PK X

QUICK CONNECT WIRING

TECHNICAL INFO

FOR USE WITH: SUSPENDED ARCHITECTURAL

FACTORY-INSTALLED BRANCH CIRCUIT WIRING

Designed specifically to save labor installation costs, the dimming quick connect option utilizes a molded nylon self-locking polarized connector with factory-installed branch circuit wiring. Fixtures simply plug together, and the possibility of cross wiring is eliminated. Rated for 600 volts, 6.3 amp max, No. 18 AWG wires, THHN, 90°C wires. Available with 1, 2, or 3 circuits plus neutral and ground wires. For use in fixtures with 4′, 6′, and 8′ lengths mounted in continuous rows. UL listed.

- Specifications are subject to change. Consult factory for verification.
- To order, suffix fixture catalog number with quick-connect wiring number. Example: LLM-4-L6/835-S-SQ-AFC/D48-**QCDBW/PK**
- Quantity of wires includes one neutral wire. In addition, (1) No. 18 AWG wire grounds fixture housing.
- Each individual fixture is labeled with quantity of branch circuit wires installed and color of wires the drivers/ballasts are connected to.

ORDERING INFORMATION

Note: Each harness consists of black, white, red, purple, pink, & ground leads. Black, red, white, and ground conductors are 18 ga wire. Purple and pink leads for 0-10V dimming are 22 ga.

DESIGNATION	# OF WIRES FACTORY CONNECTED (EXCLUDING GROUND)	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE	NOTES
QCDBW	2	Black, White	On/off switching (DRV) or line voltage dimming (DIM LINE)	
QCDRW	2	Red, White	Alternating circuits on/off switching (DRV) or line voltage dimming (DIM LINE)	QCDBW & QCDRW fixtures are combined in rows for alternate switching or to designate night lights
QCDBRW	3	Black, Red, White	On/off switching (DRV) or line voltage dimming when equipped with EM battery packs	Red is used for unswitched power to EM batteries
QCDBW/PK	4	Black, White, Purple, Pink	Alternating circuits on/off switching with 0-10V low voltage dimming (DIM)	
QCDRW/PK	4	Red, White, Purple, Pink	Alternating circuits on/off switching with 0-10V low voltage dimming (DIM)	Both circuits share the same 0-10V leads - typically paired with QCDBW/PK fixture in rows
QCDBRW/PK	5	Black, Red, White, Purple, Pink	On/off switching when equipped with EM battery packs and 0-10V dimming (DIM)	Red is used for unswitched power to EM batteries
QCDBW/RPK	5	Black, White, Red, Purple, Pink	On/off switching with 0-10v dimming and 0-10v tunable using shared common	Red is used for positive 0-10V for 2-channel tunable driver
QCDUU	N/A	N/A	QC harness passes through fixture, but is not connected to it	

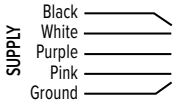
TYPICAL APPLICATIONS

▲ Denotes driver/ballast connected to **red** supply circuit. **X** Denotes driver/ballast connected to **black** supply circuit.

EXAMPLE A: Two circuits with alternate fixture on separate circuits. Driver: DRV

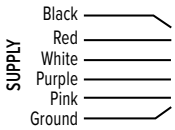
QCDBW X	QCDRW ▲	QCDBW X	QCDRW ▲	QCDBW X	QCDRW ▲	QCDBW X	QCDRW ▲

EXAMPLE B: Single circuit. Driver: QCDBW used with DRV, QCDBW/PK used with DIM



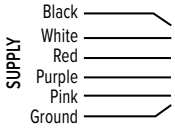
QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X

EXAMPLE C: Two circuits with designated night lights on separate circuit. Driver: QCDBW & QCDRW used with DRV, QCDBW/PK & QCDRW/PK used with DIM. All fixtures share 0-10v dim leads.



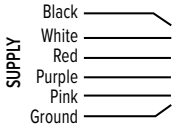
QCDBW QCDBW/PK X	QCDRW QCDRW/PK ▲	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDRW QCDRW/PK ▲	QCDBW QCDBW/PK X

EXAMPLE D: Single circuit with EM fixtures supplied with constant hot source for battery charging. Driver: QCDBW & QCDBRW used with DRV, QCDBW/PK & QCDBRW/PK used with DIM. All fixtures share 0-10v dim leads.



QCDBW QCDBW/PK X	QCDBRW QCDBRW/PK ▲	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBW QCDBW/PK X	QCDBRW QCDBRW/PK ▲	QCDBW QCDBW/PK X

EXAMPLE E: Single circuit on/off with two 0-10v control signals used for tunable white.



QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X	QCDBW/RPK X