E

G

F

12359 BK
Driver Module,
see page 12

12311 NI
Fixture

12344 BK
Power Supply
Lead

12319 BK
Design Pro LED Disc
U.S. Patent No. 7,854,616

12380 BK
Remote
Power Supply
(hard wire)

STEP 3
INTERCONNECT CABLES CONNECT MULTIPLE FIXTURES

D The interconnect cables are listed Class 2 and connect multiple fixtures. Wire in accordance with Article 725 of the National Electric Code and any local codes.

12341 BK, WH - Interconnect 9 Inches
12342 BK, WH - Interconnect 14 Inches
12343 BK, WH - Interconnect 21 Inches
12345 BK, WH - Interconnect 10 Feet

"T" Power Connector
12340 BK, WH
- Brings power into female port at back and splits into two directions at each side
- Ideal for center fed wire or tight side-mount feed
- Installation will expose less wire
- 1-5/8" L x 2-3/8" W x 1/2" H

12348 BK , WH - Female Connector
- Female connectors join male ends together where necessary

12349 BK, WH - Male Connector
- Male connectors join female ends together where necessary

STEP 4
SELECT POWER SUPPLY

Undercabinet Mounted Power Supply
12353 BK, WH - 50 Watt
- Compact undercabinet hard wire design
- 1" H x 5" W x 5-1/2" D
- Class 2 / 24 Volt DC
- Use with sheathed cable 12-2 or 14-2
- Provisions for second, pass-through ("daisy-chain") wire configuration

F **Remote Power Supply**
12380* BK - 100 Watt
- 11" H x 6-1/2" W x 3" D
- Includes (1) 100 Watt power unit
- Class 2 / 24 Volt DC

12382* BK - 200 Watt
- 15-1/2" H x 11" W x 3" D
- Includes (2) 100 Watt power unit
- Class 2 / 24 Volt DC

G **Power Supply Leads**
12344 BK, WH – 25' length
12346 BK, WH – 8' length
- Should only be used to connect remote power supplies 12380BK and 12382BK to cabinet lighting run (DO NOT use as interconnect cable)
- Connect either the male or female plug to the cabinet lighting run. The plug on the opposite end is cut off to expose the two lead wires that are then connected to the terminals in the remote power supply.
- Class 2 cable suitable to be run behind walls (check local codes for compliance)
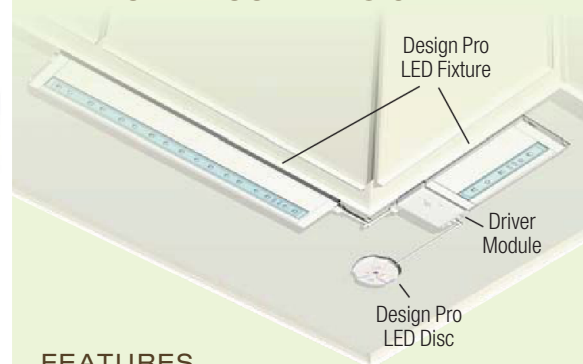
Plug-In Power Supplies
12383 BK, WH - 30 Watts
- 4' cord length
- Cord has male end. 12348 Female connector included.
- Class 2 / 24 Volt DC

Design Pro LED Disc can be added to the Design Pro LED system to further expand the possibilities. See page 12 for more details.

FRONT MOUNT DESIGN

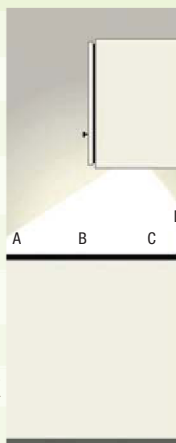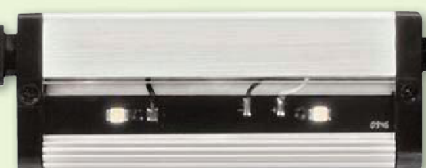Design Pro LED Fixture

Driver Module

Design Pro LED Disc

FEATURES
- Ultra thin ½" profile and narrow width
- Compatible to all available Z-Wave® home automation equipment (with 12357 accessory)
- Dimmable ONLY with 12357 Z-Wave® Dimmer
- Color Rendering Index mid 80's CRI
- High brightness LED
- Higher Efficacy
- 3000K color temperature (CCT) is similar to Xenon
- Long life light source (40,000 hours)
- Snap fixture together or use interconnect cables to create an even flow of light
- Captive screws for ease of installation
- Class 2

PERFORMANCE DATA (12313)

LUMENS/WATT	41.2	
A	**LIGHT OUTPUT FC** (COUNTER FRONT)	23.8
B	**LIGHT OUTPUT FC** (COUNTER MIDDLE)	49.1
C	**LIGHT OUTPUT FC** (COUNTER BACK)	55.9
D	**LIGHT OUTPUT FC** (COUNTER WALL)	33.6
	CRI (COLOR RENDERING)	mid 80s
	CCT (COLOR TEMPERATURE)	3000K +/-150K
	LIGHT SOURCE LIFE (HRS)	40,000 hrs.

D

E 12353 BK
Undercabinet
Power Supply
(Hard Wire)

12311 NI
Fixture

Design Pro LED can be added as an option to the Design Pro LED Disc system and further expand the possibilities. See page 8 for more details.

DESIGN PRO LED DISC

Driver
Module

Interconnect
Cable

Design Pro
LED Disc

Power
Supply

STEP

3

INTERCONNECT CABLES CONNECT MULTIPLE FIXTURES

D The interconnect cables are listed Class 2 and connect multiple fixtures. Wire in accordance with Article 725 of the National Electric Code and any local codes.

12341 BK, WH - Interconnect 9 Inches
12342 BK, WH - Interconnect 14 Inches
12343 BK, WH - Interconnect 21 Inches
12345 BK, WH - Interconnect 10 Feet

"T" Power Connector
12340 BK, WH

- Brings power into female port at back and splits into two directions at each side
- Ideal for center fed wire or tight side-mount feed
- Installation will expose less wire
- 1-5/8" L x 2-3/8" W x 1/2" H

12348 BK , WH - Female Connector
- Female connectors join male ends together where necessary

12349 BK, WH - Male Connector
- Male connectors join female ends together where necessary

STEP

4

SELECT POWER SUPPLY

E Undercabinet Power Supplies
12353 BK, WH - 50 Watt
- Compact undercabinet hard wire design
- 1" H x 5" W x 5-1/2" D
- Class 2 / 24 Volt DC
- Use with sheathed cable 12-2 or 14-2
- Provisions for second, pass-through ("daisy-chain") wire configuration

Remote Power Supply
12380* BK - 100 Watt
- 11" H x 6-1/2" W x 3" D
- Includes (1) 100 Watt power unit
- Class 2 / 24 Volt DC

12382* BK - 200 Watt
- 15-1/2 " H x 11" W x 3" D
- Includes (2) 100 Watt power units
- Class 2 / 24 Volt DC

Power Supply Leads
12344 BK, WH – 25' length
12346 BK, WH – 8' length
- Should only be used to connect remote power supplies 12380BK and 12382BK to cabinet lighting run (DO NOT use as interconnect cable)
- Connect either the male or female plug to the cabinet lighting run. The plug on the opposite end is cut off to expose the two lead wires that are then connected to the terminals in the remote power supply.
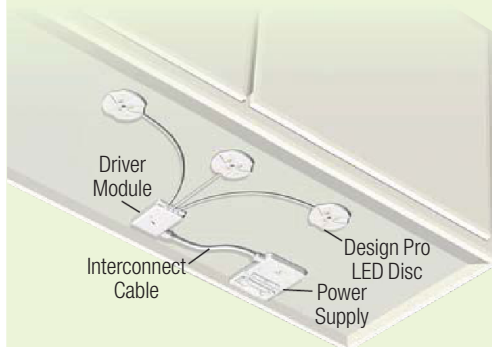- Class 2 cable suitable to be run behind walls (check local codes for compliance)

Plug-In Power Supplies
12383 BK , WH - 30 Watts
- 4' cord length
- Cord has male end. 12348 Female connector included.
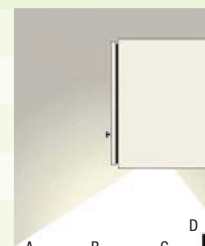- Class 2 / 24 Volt DC

FEATURES

- Ultra thin 3/8" profile x 2-3/4" D
- Compatible to all available Z-Wave® home automation equipment (with 12357 accessory)
- Dimmable ONLY with 12357 Z-Wave® Dimmer
- Color Rendering Index mid 80's CRI
- High brightness LED
- Higher Efficacy
- 3000K color temperature (CCT) is similar to Xenon
- Long life light source (40,000 hours)
- Snap fixture together or use interconnect cables to create an even flow of light
- Captive screws for ease of installation
- Class 2

PERFORMANCE DATA (12319)
(mounted 3" from front edge)

LUMENS/WATT		29
A	**LIGHT OUTPUT FC** (COUNTER FRONT)	14.4
B	**LIGHT OUTPUT FC** (COUNTER MIDDLE)	49.1
C	**LIGHT OUTPUT FC** (COUNTER BACK)	60.3
D	**LIGHT OUTPUT FC** (COUNTER WALL)	33.3
	CRI (COLOR RENDERING)	mid 80s
	CCT (COLOR TEMPERATURE)	3000K+/-150K
	LIGHT SOURCE LIFE (HRS)	40,000 hrs.

Design Pro Discs can be used over (F), inside (E) and undercabinets for unmatched versatility.

G 12353 BK
Undercabinet
Power Supply

E 12335 BK
"T" Connector

F 12323 BK
Extension
Wire

12338 BK
Interconnect Cable
Transition Model

A 12330 BK
Track

D

STEP

4

SELECT POWER SUPPLY

G **Undercabinet Power Supplies**
12353 BK, WH - 50 Watt
- Compact undercabinet hard wire design
- 5" L x 5-1/2" W x 1" D
- Class 2 / 24 Volt DC
- Use with sheathed cable (12-2 or 14-2 with ground)
- Provisions for second, pass-through ("daisy chain") wire configuration
- Interconnect cable transition module needed to power LED linear system

Remote Power Supplies
12380 BK - 100 Watts
Remote Power Supply
- 11" H x 6-1/2" W x 3" D
- Includes (1) 100 Watt power supply
- Class 2 / 24 Volt DC

12382 BK - 200 Watts
Remote Power Supply
- 15-1/2" H x 11" W x 3" D
- Includes (2) 100 Watt power supplies
- Class 2 / 24 Volt DC

Power Supply Leads
12344 BK, WH - 25' length
12346 BK, WH - 8' length
- Should only be used to connect remote power supplies 12380BK and 12382BK to cabinet lighting run (DO NOT use as interconnect cable)
- Connect either the male or female plug to the cabinet lighting run. The plug on the opposite end is cut off to expose the two lead wires that are then connected to the terminals in the remote power supply.
- Class 2 cable suitable to be run behind walls (check local codes for compliance)
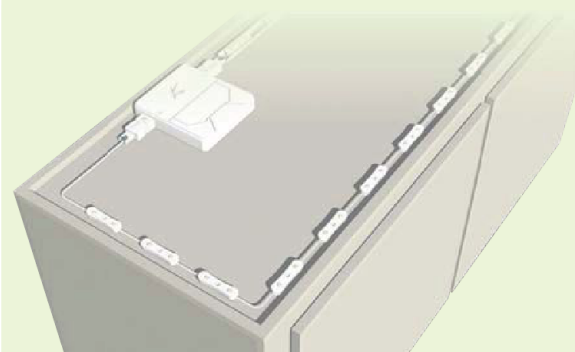
Plug-In Power Supplies
12383 BK, WH - 30 Watts
- 4' cord length
- Cord has male end. 12348 female connector included
- Class 2 / 24 Volt DC
- Interconnect cable transition module needed to power LED linear system
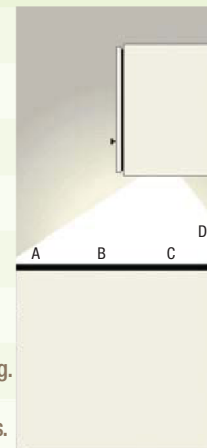
FLEXIBLE MOUNT DESIGN

FEATURES

- Low profile 1/4"
- Flexible installation
- Install with or without track
- Can be linked with LED strip and disc system
- Not dimmable
- Black and White finish
- cUL Listed Class 2

PERFORMANCE DATA
(48" LENGTH MOUNTED TO FRONT OF CABINET)

	LUMENS/WATT	5.9
A	LIGHT OUTPUT FC (COUNTER FRONT)	6.5
B	LIGHT OUTPUT FC (COUNTER MIDDLE)	13.9
C	LIGHT OUTPUT FC (COUNTER BACK)	13.6
D	LIGHT OUTPUT FC (COUNTER WALL)	8.3
	CRI (COLOR RENDERING)	70
	CCT (COLOR TEMPERATURE)	3000K avg.
	LIGHT SOURCE LIFE (HRS)	40,000 hrs.

Design Pro LED Linear is not recommended for use as an undercabinet task light source. Data provided for comparative analysis.