

DESIGN PRO LED MODULAR SYSTEM – 24V





12311 NI
Shown in
Brushed Nickel



12319 NI
2-3/4" D x 3/8" H
shown in Brushed Nickel



A Hidden Gem Offers Superior Lighting & Energy Efficiency

Tucked away inside a glass cabinet, or hidden underneath a row of cupboards, the Design Pro LED Modular system brings to vibrant life the beauty of a kitchen, office, or any work area. Suitable for residential or commercial applications, this sleek design delivers brilliant work light or dimmable accent lighting... whichever the need may be. Designed to offer the greatest energy efficiency, these units provide not only savings, but offer an incredible 40,000 hours of life. Builders, remodelers, professionals and consumers won't be disappointed with this hidden gem!



Warm White – 2700K



Pure White – 3000K

DESIGN PRO LED MODULAR – 24V



12313 NI
12" Fixture
shown in Brushed Nickel

12387 BK
Full Range
Dimmer Switch

12356 BK
Nightlight

Fixtures can be used individually, snapped directly together, or connected via interconnect cables to customize the lighting effect.

1 Select Appropriate Light Fixture, Color Temperature, Size and Finish

2700K – Warm White

12311 BRZ27, NI27, WH27

- 6" L x 2-3/8" W x 1/2" H
- 2 LEDs
- 3 Watts

6"

12313 BRZ27, NI27, WH27

- 12" L x 2-3/8" W x 1/2" H
- 4 LEDs
- 5.5 Watts

12"

12315 BRZ27, NI27, WH27

- 18" L x 2-3/8" W x 1/2" H
- 6 LEDs
- 8.5 Watts

18"

12317 BRZ27, NI27, WH27

- 30" L x 2-3/8" W x 1/2" H
- 10 LEDs
- 14 Watts

30"

3000K – Pure White

12311 BRZ, NI, WH

- 6" L x 2-3/8" W x 1/2" H
- 2 LEDs
- 3 Watts

6"

12313 BRZ, NI, WH

- 12" L x 2-3/8" W x 1/2" H
- 4 LEDs
- 5.5 Watts

12"

12315 BRZ, NI, WH

- 18" L x 2-3/8" W x 1/2" H
- 6 LEDs
- 8.5 Watts

18"

12317 BRZ, NI, WH

- 30" L x 2-3/8" W x 1/2" H
- 10 LEDs
- 14 Watts

30"

2 Dimming Switch & Nightlight Allow For Light Level Control

Z-Wave® Full Range Dimmer

12387 BK, WH

- Installs in-line (one per run)
- Full range dimming from 0 to 100%
- Programmable to one or multiple sections/runs of light
- Compatible to all available Z-Wave® home automation equipment



Z-Wave Wall Dimmer

12388 WH

- 12387 dimmer required for use
- Installs into single gang outlet box
- Requires 120V power

12389 ALM - (not shown)

- Almond cover for 12388

4 Position Dimming Switch (not shown)

12355 BK, WH

- 3" L x 2-3/8" W x 1/2" H
- 4 light level positions (Low, Medium High, Off)
- Installs in-line (one per run)



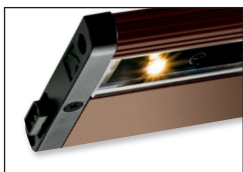
Nightlight Module

12356 BK, WH

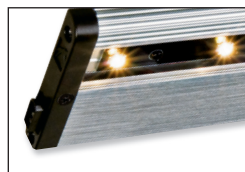
- 2-3/8" L x 2-3/8" W x 1/2" H
- 12355 or 12387 switch required for use

AVAILABLE FINISHES

Bronze (BRZ), Brushed Nickel (NI) and White (WH)



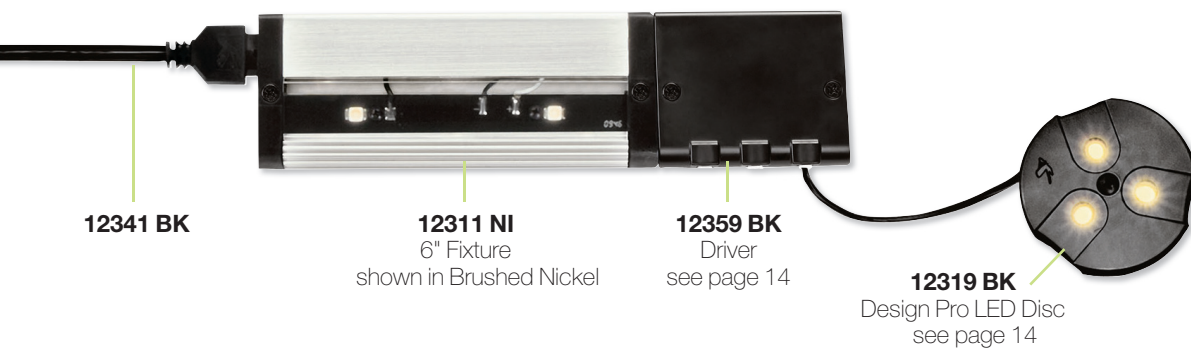
BRZ Bronze



NI Brushed Nickel



WH White



3 Interconnect Cables Connect Multiple Fixtures

Class 2

- 12341 BK, WH - Interconnect 9"
- 12342 BK, WH - Interconnect 14"
- 12343 BK, WH - Interconnect 21"
- 12345 BK, WH - Interconnect 10'
- Rated for in-wall installation

"T" Power Connector

12340 BK, WH

- 1-5/8" L x 2-3/8" W x 1/2" H



12348 BK, WH - Female connector (not shown)

12349 BK, WH - Male connector



Male

4 Select Power Supply*

Under Cabinet Mounted Power Supply

12353 BK, WH - 50 Watt

- 1" H x 5" W x 5-1/2" D
- Compact undercabinet hard wire design



Remote Power Supply

12380 BK - 100 Watt

- 11" H x 6-1/2" W x 3" D
- Includes (1) 100 Watt power unit



12382 BK - 200 Watt

- 15-1/2" H x 11" W x 3" D
- Includes (2) 100 Watt power units



Power Supply Leads

12344 BK, WH - 25' length

12346 BK, WH - 8' length

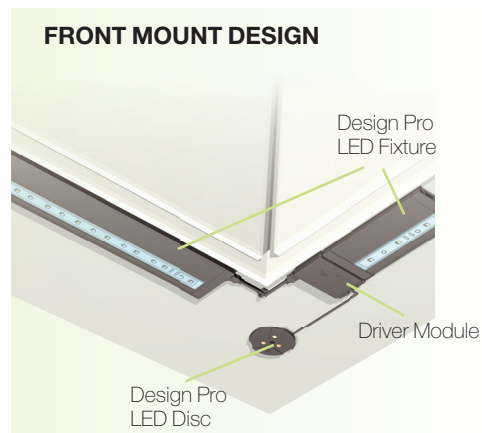
- Should only be used to connect remote power supplies 12380BK and 12382BK to cabinet lighting run (DO NOT use as interconnect cable)



Plug-In Power Supplies

12383 BK, WH - 30 Watts

- 4' cord length
- Cord has male end. 12348 female connector included.



FRONT MOUNT DESIGN

FEATURES

- Ultra thin 1/2" profile and narrow width
- Compatible to all available Z-Wave® home automation equipment (with 12387 accessory)
- Fully dimmable, when using 12387 Z-Wave® dimmer
- Captive screws for ease of installation

PERFORMANCE DATA

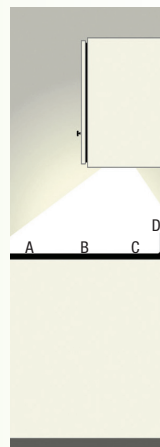
(12313)

Lumens/Watt	41.3
Light Output FC	
A - Counter Front	23.8
B - Counter Middle	49.1
C - Counter Back	55.9
D - Counter Wall	33.6

CRI min 80 (color rendering)

CCT 2700K -60K/+100K (color temperature)
3000K -50K/+150K

Light Source Life 40,000 hrs.

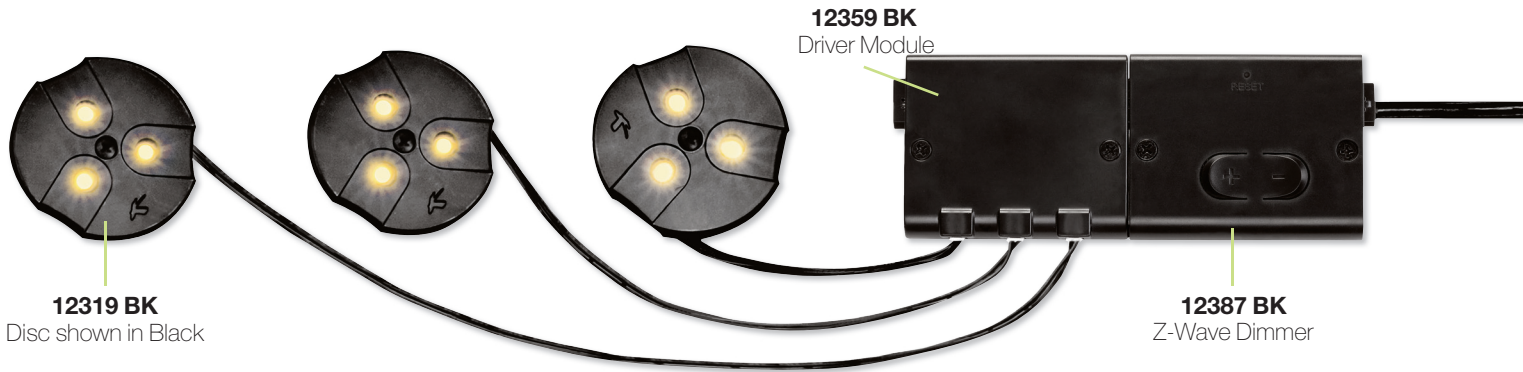


Z-Wave is a registered trademark of Sigma Designs

For warranty information visit: www.kichler.com

*All Power Supplies are Class 2/24 Volt DC

DESIGN PRO LED DISC – 24V



1 Select Appropriate Color Temperature Number Of Discs & Finish

2700K – Warm White

12319 BK27, BRZ27, NI27, WH27

- 2-3/4" D x 3/8" H
- 36" of wire spooled inside
- 12359 direct module required for use
- 3.5 Watts

Driver Module

12359 BK, WH – LED disc driver

- 2-7/8" L x 2-3/8" W x 1/2" H
- Connects up to three Design Pro LED discs



LED Disc Extension Wire

12347 BK, WH

- Adds 3' of length for greater installation flexibility
- Maximum 8 extension wires (24') allowed on each disc



3000K – Pure White

12319 BK, BRZ, NI, WH

- 2-3/4" D x 3/8" H
- 36" of wire spooled inside
- 12359 direct module required for use
- 3.5 Watts



AVAILABLE FINISHES

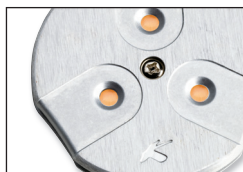
Bronze (BRZ), Brushed Nickel (NI), Black (BK) and White (WH)



BK Black



BRZ Bronze



NI Brushed Nickel



WH White

2 Dimming Switch & Highlight Allow For Light Level Control

Z-Wave® Full Range Dimmer

12387 BK, WH

- Installs in-line (one per run)
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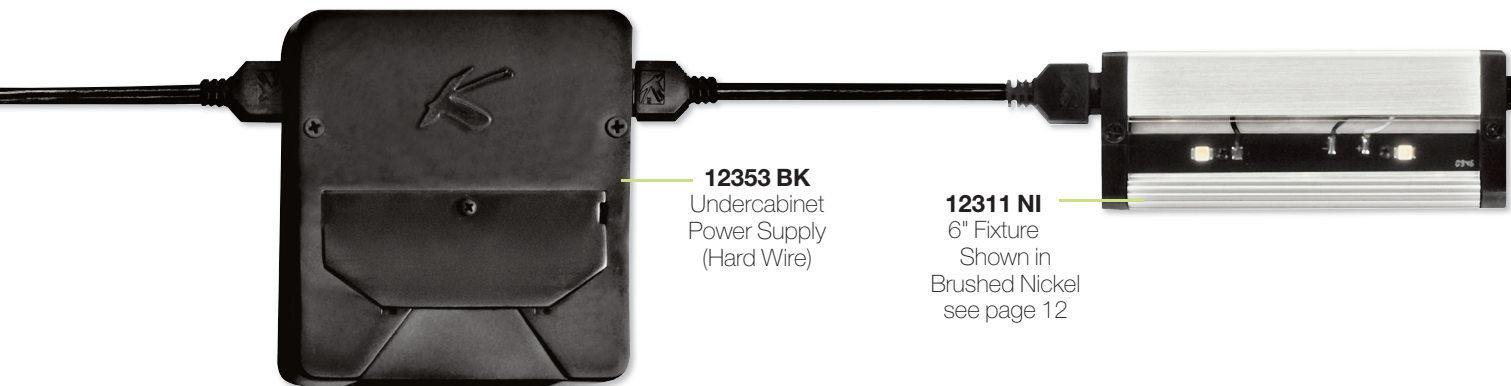
- 3" L x 2-3/8" W x 1/2" H
- 4 light level positions (Low, Medium High, Off)
- Installs in-line (one per run)



Nightlight Module

12356 BK, WH

- 2-3/8" L x 2-3/8" W x 1/2" H
- 12355 or 12387 switch required for use



12353 BK
Undercabinet
Power Supply
(Hard Wire)

12311 NI
6" Fixture
Shown in
Brushed Nickel
see page 12

3 Interconnect Cables Connect Multiple Fixtures

Class 2

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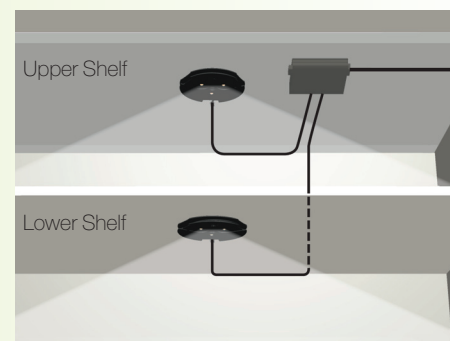
Plug-In Power Supplies

12383 BK, WH - 30 Watts

- 4' cord length
- Cord has male end. 12348 female connector included.



DESIGN PRO LED DISC



FEATURES

- Ultra thin 3/8" profile x 2-3/4" D
- Compatible to all available Z-Wave® home automation equipment (with 12387 accessory)
- Fully dimmable, when using 12387 Z-Wave® dimmer
- Captive screws for ease of installation

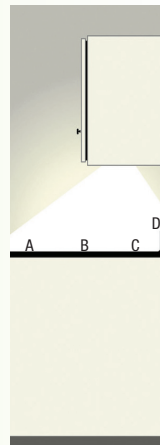
PERFORMANCE DATA (12319)
(mounted 3" from the front edge)

Lumens/Watt	29
Light Output FC	
A - Counter Front	14.4
B - Counter Middle	49.1
C - Counter Back	60.3
D - Counter Wall	33.6

CRI (color rendering) min 80

CCT (color temperature) 2700K -60K/+100K
3000K -50K/+150K

Light Source Life 40,000 hrs.



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