



MERGE™

LINEAR SYSTEM

Merge represents the marriage of a general illumination LED system to a low-voltage track lighting system.

Whether being used to highlight architectural elements or deliver well-controlled ambient illumination, Merge (offered with either 1.5-inch or 3-inch apertures) creates recessed, suspended, or flush mount lines of uniform, glare-free LED light while offering stunning design flexibility.

Enhancing the utility of this beautifully integrated linear lighting system, spot heads or pendants can be added directly into the channel at any point along its concealed low-voltage bus system for simultaneous accent or task illumination just as is possible with traditional track lighting. Spot heads or pendants are controlled separately from the linear channel for separate dimming and on/off control of either the channel or the heads.

Merge linear channels can also be designed to make same-plane 90° turns or, using recessed channels, make perpendicular transitions from ceiling to wall for enhanced architectural interest.



MERGE 3.0 Recessed Linear Channels with 90° "L" Connectors (Flangeless), featuring ISO Low-Voltage Head
Architect and Interior Designer: Perkins+Will | Photography: Mark Herboth Photography LLC

SCENE SETTING, LIGHTING CONTROL AND FLEXIBILITY

With independent on/off and dimming control for both the Merge linear channel and low-voltage track system, Merge offers incredible flexibility and control for how and where light is used within a space. Room lighting is defined and layered with simple and common switch controls, e.g.:

- A. General illumination on with accent/task lighting turned off
- B. Accent/task lighting on with general illumination turned off
- C. Both general illumination and accent/task lighting on



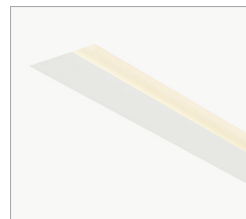
INTRODUCING

MERGE™ 1.5

The new Merge 1.5 offers an ultra-slim (1.5" aperture) general illumination linear LED system with the same low-voltage track capabilities as the original Merge 3.0 (3" aperture). Well-suited to architectural/commercial spaces, the Merge 1.5 (optimized for 2x4 construction) also fits the needs of more specialized environments with lower ceilings, narrow passageways, or residential environments. Using the same patented design as the Merge 3.0 linear system, Merge 1.5 delivers beautiful lines of uniform, glare-free LED light.

Dedicated Merge 1.5 spot heads and Merge 1.5 FreeJack connector (for use with any Tech Lighting low-voltage pendants or heads) can be placed directly into the channel at any point along its concealed low-voltage track system for simultaneous accent or task illumination. Spot heads or pendants are controlled completely separately from the linear channel for separate dimming and on/off control of either the channel or the heads.

Merge 1.5 recessed linear channels can also be designed to make same-plane 90° turns or, using recessed channels, make perpendicular transitions from ceiling-to-wall for enhanced architectural interest. Merge 1.5 is available as a recessed linear system (in drywall or grid ceilings); suspended with uplight; and as a flush mount system.



RECESSED CHANNEL



SUSPENDED CHANNEL



FLUSH MOUNT CHANNEL



RECESSED TRACK



MERGE 1.5 Suspended Linear Channels with Uplight



MERGE 1.5 Flush Mount Linear Channels, featuring Captra Pendants

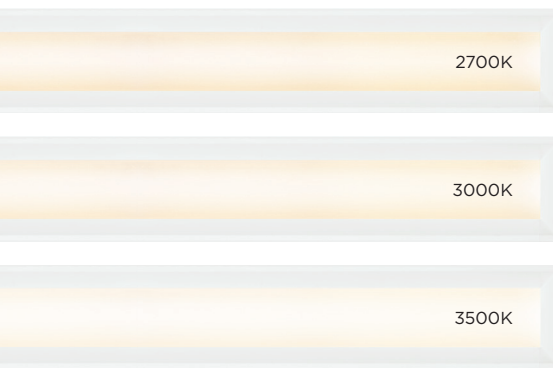
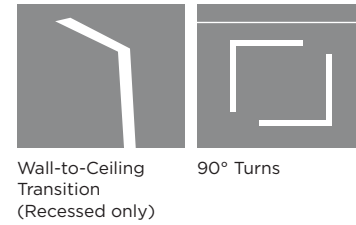


MERGE 1.5 Recessed Linear Channel with 90° "L" Turn Connector (Flangeless), featuring Merge Capsule Spots and ModernRail Chandelier 1

LINEAR CHANNEL DESIGN

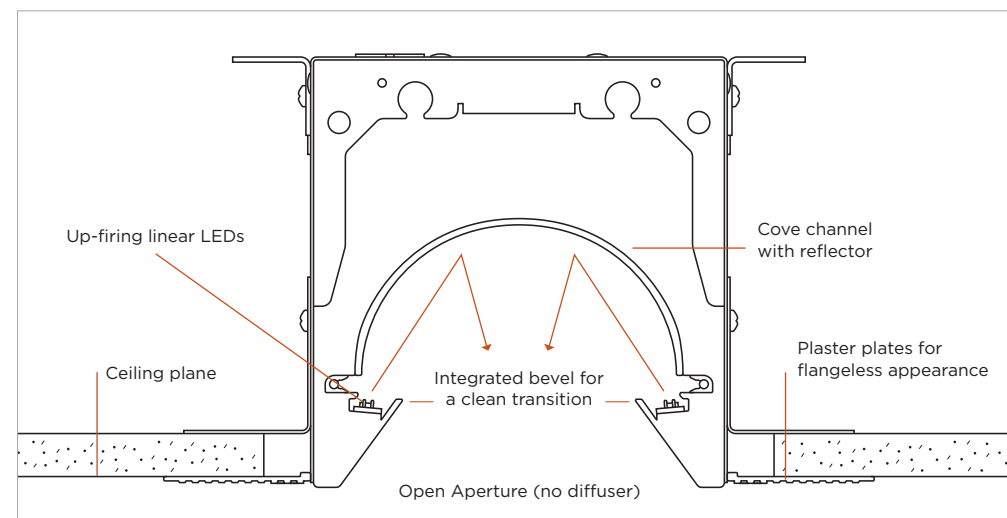
- Glare-free, continuous 1.5-inch or 3-inch wide channel of indirect LED illumination
- 2ft, 4ft, 6ft and 8ft gangable lengths with "L" and wall-to-ceiling connectors (recessed only), custom lengths also available
- Recessed, suspended or flush mount
- Static White and Warm Color Dimming (Merge 1.5, 3000K-2000K)
- Merge 3.0 Programmable White or RGB (recessed only)
- Beveled aperture integrates seamlessly with architecture for sleek ceiling to fixture transition
- Available flanged, flangeless in drywall or lay-in (T-Grid) installation, suspended or flush mount
- Merge 1.5 recessed linear channels are optimized for use in 2"x 4" construction
- Merge 3.0 recessed linear channels are optimized for use in 2"x 6" construction

Merge can make 90° turns in the same plane or transitions from ceiling to wall for enhanced visual interest.



Several CCT/color options available to meet design needs:

- Static White (2700K, 3000K, 3500K)
- Warm Color Dimming (Merge 1.5, 3000K-2000K)
- Programmable White (Merge 3.0, 2700K-4000K)
- RGB Mixed Colors (Merge 3.0 recessed only)
- Additional CCTs available as custom



SPOT HEAD & PENDANT DESIGN

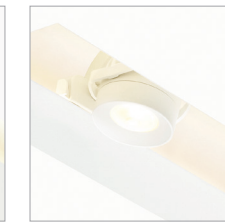
- Three dedicated Merge spot head options: Gimbal (3.0), Drop-Down (1.5 and 3.0) and Capsule (1.5)
- FreeJack connector allows the use of any Tech Lighting 12V low-voltage head or pendant
- Merge Spots have multiple CRI, color temperature and beam spread options
- Twist-and-lock design allows LED adjustable spot heads to be placed anywhere along the patented low-voltage bus channel



MERGE
Drop-Down



MERGE 1.5
Capsule



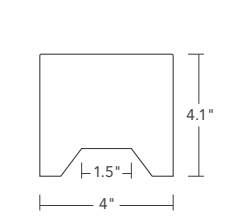
MERGE 3.0
Gimbal



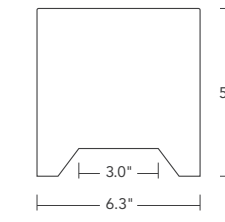
MERGE 1.5/3.0
Drop-Down



TECH LIGHTING
ISO Low-Voltage Head
with FreeJack Connector
(over 25 head options)



MERGE 1.5
Aperture

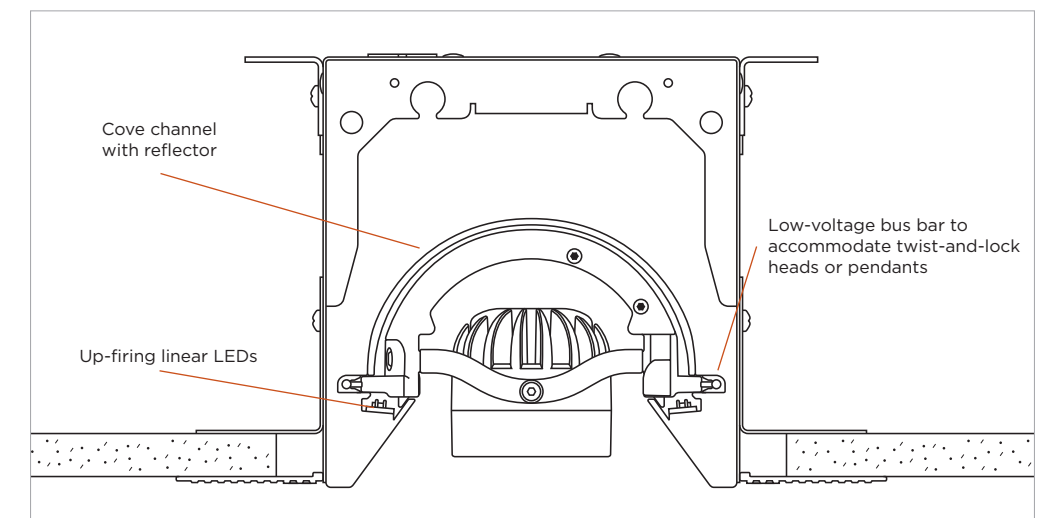


MERGE 3.0
Aperture



Piper Low-Voltage Pendant
with FreeJack Connector
(over 80 pendant options),
visit techlighting.com
for complete offering

Utilizing the patented concealed low-voltage bus system enables users to use Merge integrated spot heads or the Merge FreeJack connector and any Tech Lighting low-voltage head or pendant.





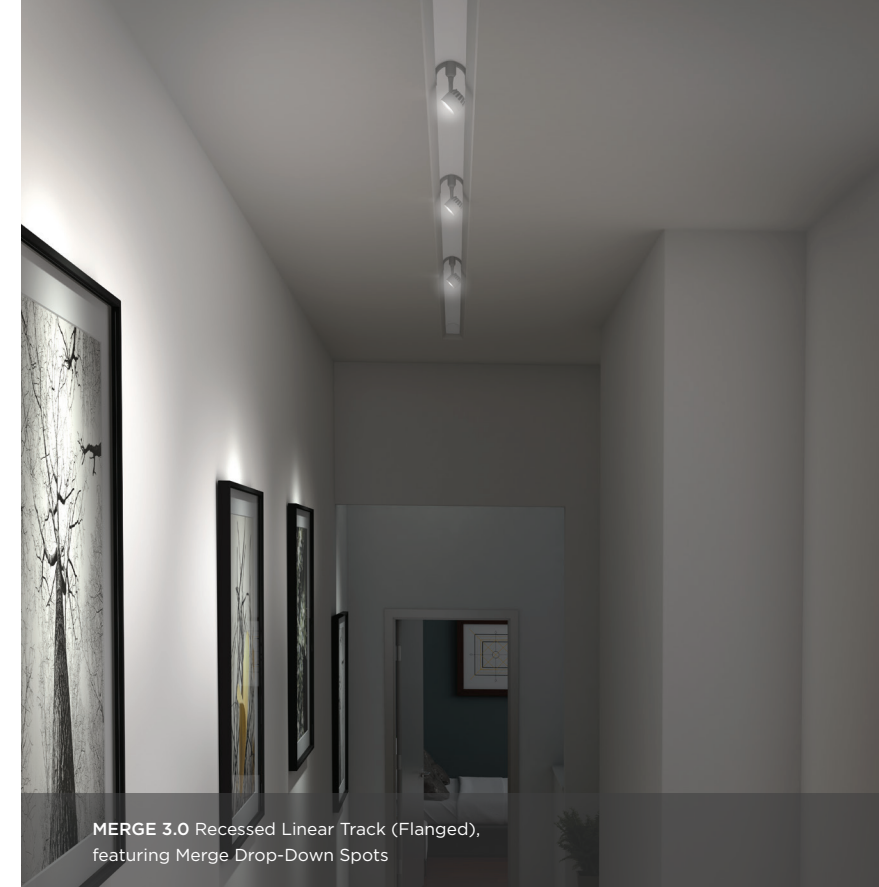
MERGE 3.0 Recessed Linear Channels with 90° "L" Turn Connector (Flangeless)
 Architect and Interior Designer: Perkins+Will
 Photography: Mark Herboth Photography LLC



MERGE 3.0 Suspended Linear Channels with Uplight



MERGE 1.5 Flush Mount Linear Channels,
 featuring Merge Capsule Spots and Captra Pendants



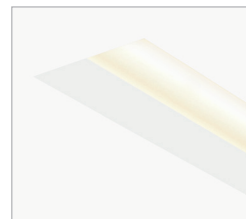
MERGE 3.0 Recessed Linear Track (Flanged),
 featuring Merge Drop-Down Spots

RECESSED LINEAR CHANNELS

Merge 1.5 and Merge 3.0 recessed linear LED channels are available in 2', 4', 6' and 8' gangable lengths for flanged, flangeless or lay-in installation. Flangeless versions include aluminum plaster plates for a mudded in look and all linear components feature a beveled aperture to integrate seamlessly with architecture for sleek ceiling to fixture transitions. Open aperture allows for optimized efficiency with an indirect light source. Custom lengths are available as special order.



FLANGED



FLANGELESS



LAY-IN (T-GRID)

SUSPENDED LINEAR CHANNELS

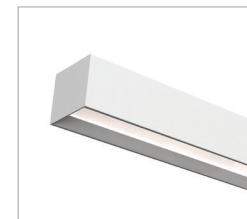
The Merge 1.5 and Merge 3.0 suspended linear system incorporates reflected indirect downlight, independent uplight and a low-voltage track; all in one system with independent control and outputs for optimal illumination and power conservation. Merge Suspended can be configured in 2', 4', 6' and 8' gangable lengths. A 90° "L" connector is also available for illuminated same plane turns all from a single feed.



UPLIGHT SHOWN

FLUSH MOUNT LINEAR CHANNELS

The Merge 1.5 and Merge 3.0 flush mount linear system incorporates reflected indirect downlight and a low-voltage track; all in one system with independent control of the linear channel and track system. Merge Flush Mount can be configured in 2', 4', 6' and 8' gangable lengths. A 90° "L" connector is also available for illuminated same plane turns all from a single feed.



RECESSED LINEAR TRACK

Merge 1.5 and Merge 3.0 recessed track channels (non-illuminated) are available in 2', 4', 6' and 8' gangable lengths with a number of connector options for flanged, flangeless, or lay-in installation. Merge spot heads or Tech Lighting pendants and heads are placed directly into the channel at any point along its concealed low-voltage bus system. Flangeless versions include aluminum plaster plates for a mudded in look that integrate seamlessly into a ceiling. Custom lengths are available as special order.



FLANGED



FLANGELESS



LAY-IN (T-GRID)



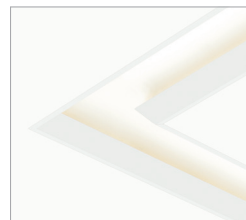
MERGE 3.0 Recessed Linear Channels with Wall-to-Ceiling Connectors (Flangeless)
Ceiling: 1x3 ELEMENT Multiples (Open, Flangeless, Black)



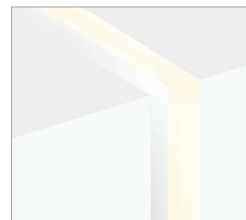
MERGE 3.0 Recessed Linear Channels with Wall-to-Ceiling Connectors (Flangeless), featuring Merge Gimbal Spots
Sides: 1x3 ELEMENT Multiples (Open, Flangeless, Black)

CONNECTORS

The continuous line of light aesthetic created by the Merge 1.5 and Merge 3.0 recessed linear and recessed track system can be enhanced using either a same plane 90° turn connector or wall-to-ceiling connector (recessed only).



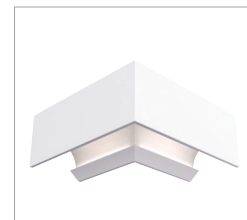
RECESSED
90° TURN



RECESSED
WALL-TO-CEILING



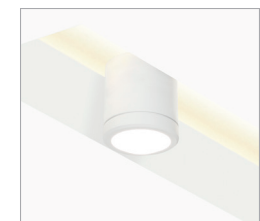
SUSPENDED
90° TURN



FLUSH MOUNT
90° TURN

SPOT HEADS & PENDANTS

The Merge low-voltage bus (track) system allows the user to simply twist-and-lock LED adjustable spot heads anywhere along the channel for stunning design flexibility. Options for beam spread, mounting and color temperature allow designers to specify a system tailored to exacting demands. The Merge Gimbal Spot does not break the ceiling fixture plane for a smooth overall appearance. The Merge Drop-Down Spot allows maximum aimability. The Merge FreeJack (FJ) connector also allows any 12V Tech Lighting head or pendant to be mounted from the Merge system for further customization.



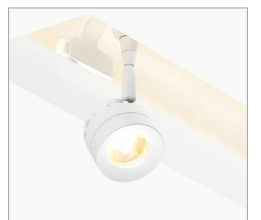
1.5 CAPSULE



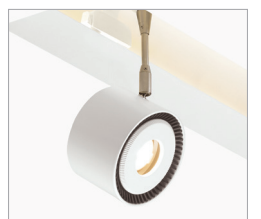
3.0 GIMBAL SPOT



FJ PENDANT



DROP-DOWN SPOT



FJ HEAD



MERGE 1.5 Suspended Linear Channel with Uplight



MERGE 1.5 Recessed Linear Channel (Flanged), featuring Merge Capsule Drop-Down Spots



MERGE 3.0 Recessed Linear Channel (Flangeless), featuring Merge Drop-Down Spot
Architect and Interior Designer: Perkins+Will | Photography: Mark Herboth Photography LLC



MERGE 3.0 Recessed Linear Channels (Flangeless)
Architect and Interior Designer: Perkins+Will | Photography: Mark Herboth Photography LLC



MERGE 3.0 Recessed Linear Channels (Flanged)



MERGE 3.0 Recessed Linear Channel (Flangeless), featuring Merge Gimbal Spots
Private Residence by: dSpace Studio | Chicago, IL | Architects: Kevin Toukouridis and Kathryn McRay | Lighting Designer: Anne Kustner



MERGE 1.5 Recessed Linear Channels with Wall-to-Ceiling Connector and 90° "L" Turn Connector (Flangeless), featuring Merge Capsule Drop-Down Spots and Dobson II Pendant



Left: MERGE 3.0 Recessed Linear Channels (Flangeless), featuring Merge Gimbal Spots
Right: MERGE 3.0 Suspended Linear Channels with Uplight

ARCHITECTURAL DOWNLIGHTS

Tech Lighting architectural downlights and linear systems are all about exceptional performance in the delivery of beautiful light. With our architectural products, we go to great lengths to ensure that we're utilizing the latest in LED technology, highest quality components and architectural grade die-casting so you can feel confident that once installed, our products will make all the difference...transforming your space with light.

For more information about our complete recessed lighting offering visit us at www.techlighting.com

What matters to you, matters to us:

ABOVE THE CEILING MATTERS

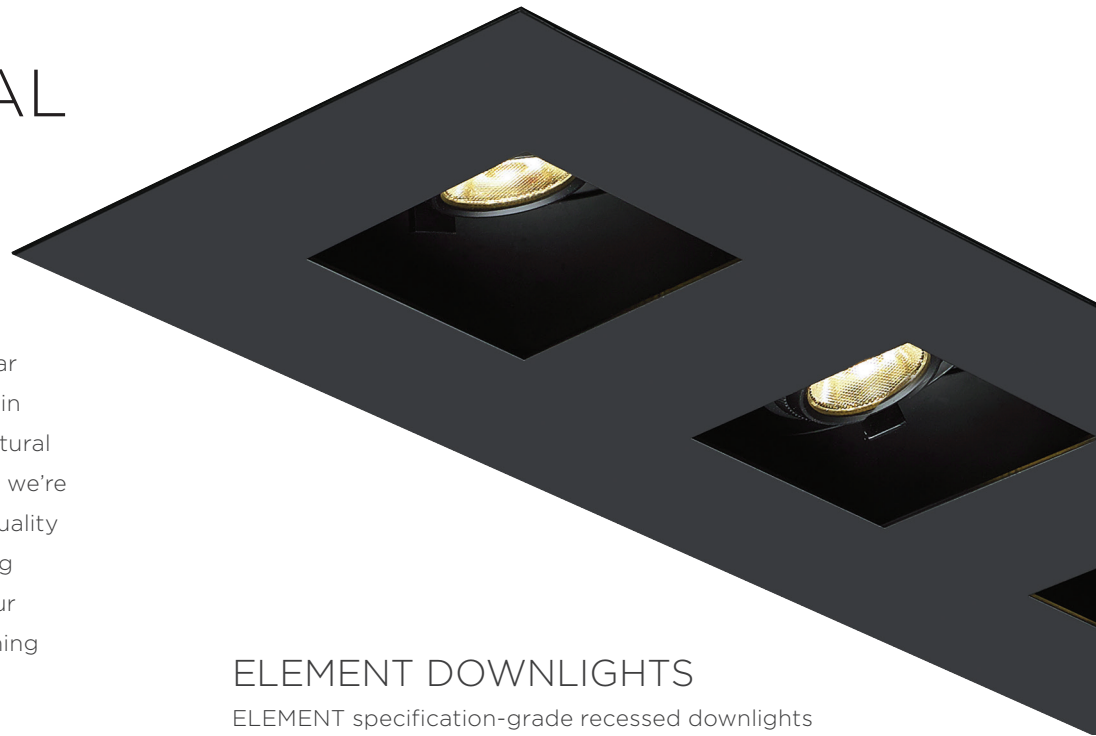
Thoughtful engineering makes complex solutions elegantly simple. We take great care to ensure the highest quality components and assembly methods are used, so you can rest assured even the things you can't see are exceptional.

AT THE CEILING MATTERS

Highly engineered housings deserve premium trims. Every trim is made of either die-cast aluminum or a single sheet of cold rolled steel then powder coated to ensure durability and reduced glare.

BELOW THE CEILING MATTERS

Beautiful aesthetics cannot come at the expense of poor performance, so every architectural fixture delivers beautiful light. After installation, we are committed to delivering the highest level of customer service and support in the industry.



ELEMENT DOWNLIGHTS

ELEMENT specification-grade recessed downlights (available in 2", 3" and 4" apertures, and Multiples configurations) are designed and engineered to deliver critically specified light for any environment. Since its inception, ELEMENT has been defined by the demanding needs of the design community.

ENTRA DOWNLIGHTS

Entra 3" downlights offer a quality alternative to meet residential and commercial specifications on budget-sensitive projects. Engineered for performance and reliability, Entra is easy to configure with a complete feature set that offers flexibility without an overwhelming list of options.

REFLECTIONS DECORATIVE DOWNLIGHTS

Innovative, first-of-its-kind technology in architectural downlights, Reflections links decorative recessed domes with beautifully controlled indirect LED illumination. Carefully crafted Reflections domes (available in 5", 8" and 12" apertures) are recessed into the ceiling plane and act as reflectors to a completely hidden ring of upward-firing LEDs that deliver perfectly controlled, reduced-glare illumination.



3" LED Dual Adjustable Downlights (Square/Flangeless/Bevel/White) | 3" LED Adjustable Downlights (Square/Flangeless/Bevel/White)
Private Residence by: dSpace Studio | Chicago, IL | Architects: Kevin Toukourmidis and Kathryn McRay | Lighting Designer: Anne Kustner



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921MGBK18

Cover:

MERGE 3.0 Recessed Linear Channels with 90° "L" Connectors (Flangeless),
featuring ISO Low-Voltage Head

Architect and Interior Designer: Perkins+Will | Photography: Mark Herboth Photography LLC