

ZL Series LED Strip Lights FAQs

Change your expectations of strip lighting



LUMINAIRE

Q What is the purpose of the ZL1D series?

A The ZL1D series was designed to create a diffused round lens with no pixilation, similar to traditional light sources, and also to create intentional uplight.

Q What is the purpose of the ZL1F series?

A The ZL1F series was designed to create a more robust industrial LED strip light available up to 8' in length. It is fully diffused and allows for a low-glare option which is made possible by a wider lens than the ZL1N series. Additionally, it has the same lens as the legacy ZL2N.

Q Are the ZL1D series and ZL1F series available in the same lengths as the ZL1N?

A See chart below.

	24"	T5	T8
ZL1N	L24 (24")	L46 (46"); L92 (92")	L48 (48"); L96 (96")
ZL1D	L24 (24")	none	L48 (48"); L96 (96")
ZL1F	L24 (24")	none	L48 (48"); L96 (96")

Q Do the ZL1D and ZL1F series have the same lumen packages as ZL1N series?

A The ZL1D series has similar lumen packages as the ZL1N series and is offered up to 14,000 lumens. The ZL1F series offers lumen packages up to 12,000 lumens.

Q Can the ZL1N series be converted to the ZL1D or ZL1F series?

A No. There are design differences that make conversion impossible.

Q Are the mounting accessories compatible with all three products?

A Yes, since they all share the same Z channel, mounting accessories are the same for all three series.

Q What happens if the lens breaks? Can I order a replacement lens?

A Yes, there will be a replacement lens assembly available to order.

OPTIONS

Q Where does the nLight® power pack mount to the fixture?

A The nPP16D power pack mounts standard to the back of the fixture.



Q Can the nPP16D be field installed?

A Yes, this nLight power pack can be field installed.

Q Does the nLight power pack need to be installed one per fixture?

A No, continuous-row mounting requires only one nPP16D power pack for a row of fixtures that are connected with a thru-wire harness. When fixtures are mounted individually, and not in a continuous row, then each fixture needs a power pack.

Q How many fixtures can one nLight power pack support?

A The nPP16D has a max current of 16A. The lumen package of the fixture and input voltage determines how many fixtures can be continuous row mounted on one nLight power pack.

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ZL Series LED

Strip Lights FAQs continued

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Q Does the thru-wire harness include the low voltage wires?

A The thru-wire harness is configurable and can be specified to include low voltage wires. The most common thru-wire harness for LED continuous row mount fixtures on one circuit is the PLR1LVG. This includes the black, white and green wires for power circuit as well as the purple and gray wires for connecting the controls to the fixtures.

Q Can the new Straight Blade Louver (baffle) option be retrofitted to an existing ZL1N series fixture in the field?

A No. The SBL option requires the channel cover to be modified at the factory.

ACCESSORIES

Q Can the LSXR sensor be factory installed?

A There are many different configurations for the LSXR sensor. It is an accessory and does not come factory installed.

Q Does the ZL1 series feature an integrated battery pack?

A Yes, the Power Sentry® PS750L can be ordered as a factory installed, integrated battery pack. The battery pack option is only available in the L48 and L96 configurations.

Q What is the purpose of the Luma-Tilt™ angle bracket?

A The Luma-Tilt™ uplight angle bracket allows fixtures to be tilted at preset angles when installed facing upwards. The preset angles are 35°, 45°, 55° and 65°.



ZL1N



ZL1N
(SBL option)



ZL1D



ZL1F



Luma-Tilt™
uplight angle bracket



Z Spring mounting bracket
(ZSPRG)

Visit www.lithonia.com for more information.