

Low-Voltage Lighting Cable Distributed Low-Voltage Power System

Catalog#	Prepared by
Project	Date
Comments	Type

Low-Voltage Lighting Cable

System Overview

The Distributed Low-Voltage Power system blends the benefits of both AC and DC power distribution to reduce the total installed cost of a lighting project by up to 20% while providing a completely flexible and electrically efficient solution.

Low-Voltage Cable Overview


Low-voltage lighting cables provide for fast, error free installation of LED light fixtures. Cables are available in pre-terminated lengths typical to application / fixture type for error free connectivity of Class 2 circuits in plenum rated applications.



Features

- Pre-terminated for quick reliable plug-n-play connectivity
- Power and communications in the same cable
- 8-foot lengths typical for downlight spacing
- 15-foot lengths typical for ambient spacing
- 8, 15, and 30-foot lengths to connect the first fixture on a circuit
- Supports daisy-chain LED fixture connections
- Plenum rated
- Black color for silent ceiling applications

Specifications

Electrical Rating	Class 2 Low-voltage
Voltage	Up to 60VDC supplied from Power Modules
Operating Environment	Temperature 32°F to 104°F (0°C to 40°C) Relative Humidity: Less than 95%, non-condensing For indoor use only
Standards	UL 2108 Listed 

Description/Operation

Low-voltage lighting cables provide Class 2 DC power (up to 100 watts per circuit) and communications to light fixtures via the low-voltage power module. Multiple fixtures can be connected to the power module using a daisy-chain wiring configuration.

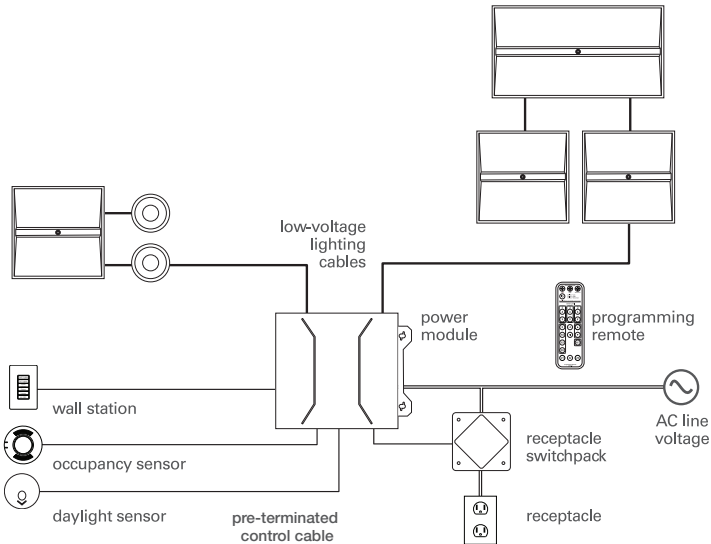
Installation

Low-voltage lighting cables connect LED light fixtures to power modules. Couplings are available to extend cable lengths - see specifications below.

Low-Voltage Lighting Cable

Catalog #	Description
LVC-8P	DLVP Low-Voltage Plenum Rated Cable, 8 feet
LVC-15P	DLVP Low-Voltage Plenum Rated Cable, 15 feet
LVC-30P	DLVP Low-Voltage Plenum Rated Cable, 30 feet
LVC-COUPLER	DLVP Low-Voltage Plenum Rated Coupling

DLVP Wiring Diagram



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 Printed in USA
 Publication No. TD503140EN
 May 2018



Specifications and dimensions subject to change without notice.