



IFDR.GuideInfo

Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

[View Listings](#)[Page Bottom](#)

[Luminaires and Fittings] (Special-purpose Luminaires) Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

[See General Information for Special-purpose Luminaires](#)

USE

This category covers low-voltage lighting systems, together with the principal components that make up such systems: low-voltage luminaires, power units, fittings, controls and subassemblies intended for use with these systems.

These luminaires, fittings, controls and subassemblies are rated no more than 30 V ac or 60 V dc. Power units have isolation between primary and secondary, total output no more than 25 A, and each output limited to no more than 30 V ac or 60 V dc.

This category also covers low-voltage bare conductor lighting systems incorporating luminaires which may be repositionable along the bare supply conductors that also mechanically support the luminaire. The power unit for these systems is provided with integral protection that de-energizes the output upon overloading or inadvertent shorting of exposed uninsulated live parts of the system.

This category also covers low-voltage linear track conductor-type lighting systems with remote low-voltage power supplies. Also included are low-voltage "mono-point," "dual-point" and "multi-point" low-voltage track-type systems with removable luminaires, where the power supply may be remote or may be in a canopy integral with the track.

All lighting systems and components covered under this category may also incorporate wireless capability for control purposes.

INSTALLATION INSTRUCTIONS

The products covered under this category are intended for installation in accordance with Article 411 of ANSI/NFPA 70, "National Electrical Code" (NEC). Installation instructions accompanying the product describe the wiring method intended to be used to supply the luminaires and power units.

Certain lighting systems are designed and investigated for the luminaire to be supplied and supported by an exposed conductor, cord, rail or track. The wiring method intended for all other luminaires is in accordance with Chapter 3 wiring methods of the NEC, or when the circuit is supplied by a Class 2 power unit, in accordance with Article 725 of the NEC (including POE, power-over-ethernet).

Power units intended to supply Class 2 luminaire circuits or an exposed conductor, cord, rail or track that supports the luminaires are intended to be connected to the branch circuit either with a factory-connected power-supply cord or by fixed wiring. These power units are intended to be connected to the output circuit by (a) wiring means consistent with that involved with the supplied luminaire, or (b) fixed wiring. All other power units are designed for connection to the branch circuit and the output circuit with a fixed wiring means.

Luminaires intended for recessed or undershelf installation into a cabinet are provided with installation instructions depicting the intended use.

Some lighting systems include track or rail types of sections that (a) support and provide power to low-voltage luminaires, and (b) are intended to be bent by the installer as needed for the installation. Care should be taken to bend these system parts following the method identified in the installation instructions and so that no part damage occurs. The radii of bends should be no less than specified by the manufacturer.

PRODUCT MARKINGS

Luminaires and fittings restricted for connection to a Class 2 source of supply are identified by product markings.

These luminaires and fittings are intended for surface mounting, suspended or recessed installation and are marked for either dry, damp or wet locations. A luminaire or fitting marked for wet locations is rated no more than 15 V ac or 30 V dc unless live parts are made inaccessible to contact during normal use. See Luminaires and Fittings ([HYXT](#)) for additional installation markings.

Low-voltage luminaires that have been investigated for use within the storage area of a clothes closet are so identified on their installation instructions.

Recessed units (luminaires and power units) marked "Type IC" or "Inherently Protected" may be installed in accordance with Section 410.66 of the NEC, such that insulation and other combustible materials are in contact with and over the top of the unit.

All recessed units not marked "Type IC" or "Inherently Protected" are intended to be installed such that insulation is not placed over the top or within 3 inches of the sides of the unit, and other combustible materials are spaced, except at the points of support, at least 1/2 inch from the unit.

Power units shipped separately from the bare conductor lighting system are marked to identify the associated bare conductor system series number and manufacturer.

PRODUCT IDENTITY

One of the following product identities appears on the product:

Low-voltage Cabinet Fixture

Low-voltage Cabinet Luminaire
 Low-voltage Fixture
 Low-voltage Fixture Fitting
 Low-voltage Fixture Power Supply
 Low-voltage Fixture System
 Low-voltage Lighting System
 Low-voltage Luminaire
 Low-voltage Luminaire Fitting
 Low-voltage Luminaire Power Supply
 Low-voltage Luminaire System
 Low-voltage Recessed Fixture
 Low-voltage Recessed Luminaire
 Low-voltage Track Lighting

Other product identities may be used as shown in the individual certifications.

RELATED PRODUCTS

Low-voltage landscape lighting systems consisting of a remote power supply source, flexible cord, interconnecting means and relocatable outdoor use lighting assemblies are covered under Landscape Lighting Systems, Low Voltage ([IFDH](#)).

Low-voltage luminaires intended for connection only to 24 V or less source of supply in recreational vehicles are covered under Low-voltage Luminaires for Recreational Vehicle Use ([IFDQ](#)).

Low-voltage flexible lighting products are covered under Flexible Lighting Products ([ILGJ](#)).

ADDITIONAL INFORMATION

For additional information, see Luminaires and Fittings ([HYXT](#)) and Electrical Equipment for Use in Ordinary Locations ([AALZ](#)).

REQUIREMENTS

The basic standard used to investigate products in this category is [ANSI/UL 2108](#), "Low Voltage Lighting Systems."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Alternate UL Mark

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names: "Low Voltage Luminaire," "Low Voltage Recessed Luminaire," "Low Voltage Cabinet Luminaire," "Low Voltage Luminaire Power Supply," "Low Voltage Lighting System," "Low Voltage Luminaire System," "Low Voltage Luminaire Fitting," "Low Voltage Track Lighting," or other appropriate product name as shown in the individual Listings.

The term "Fixture" may be used in lieu of "Luminaire" in the product name.

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Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

[Page Bottom](#)

Low-voltage Lighting Systems, Power Units, Luminaires and Fittings

[See General Information for Low-voltage Lighting Systems, Power Units, Luminaires and Fittings](#)**HAFELE ENGINEERING ASIA LTD**

E473379

RM 1905, NAN FUNG CENTRE
264-298 CASTLE PEAK RD
TSUEN WAN
NT, HONG KONG

Class 2 Low Voltage LED luminaire, Model(s) LED2001/X/PL Y/00/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B; 0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2002/ X / STA ST /000/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), for LED2010, LED2009 and LED2002 series: 0000-2500

Class 2 Low Voltage LED luminaire, Model(s) LED2003/X/ALU Y/C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), such as 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-900 for models LED2003/X/ALU Y/C/B, LED2006/ X / ALU Y /C/B, LED2006/ RGB / ALU Y /600/B; 000-860 for models LED2007/ X / ALU Y /C/B; 0000-1155 for models LED2008/ X / ALU Y /C/B.

Class 2 Low Voltage LED luminaire, Model(s) LED2004/X/ALU Y/C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B; 0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2005/ X / ALU Y /C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B; 0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2006/ RGB / ALU Y /C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), such as 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-900 for models LED2003/X/ALU Y/C/B, LED2006/ X / ALU Y /C/B, LED2006/ RGB / ALU Y /600/B; 000-860 for models LED2007/ X / ALU Y /C/B; 0000-1155 for models LED2008/ X / ALU Y /C/B.

Class 2 Low Voltage LED luminaire, Model(s) LED2006/X / ALU Y /C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), such as 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-900 for models LED2003/X/ALU Y/C/B, LED2006/ X / ALU Y /C/B, LED2006/ RGB / ALU Y /600/B; 000-860 for models LED2007/ X / ALU Y /C/B; 0000-1155 for models LED2008/ X / ALU Y /C/B

Class 2 Low Voltage LED luminaire, Model(s) LED2007/ X / ALU Y /C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), such as 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-900 for models LED2003/X/ALU Y/C/B, LED2006/ X / ALU Y /C/B, LED2006/ RGB / ALU Y /600/B; 000-860 for models LED2007/ X / ALU Y /C/B; 0000-1155 for models LED2008/ X / ALU Y /C/B.

Class 2 Low Voltage LED luminaire, Model(s) LED2008/ X / ALU Y /C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), such as 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-900 for models LED2003/X/ALU Y/C/B, LED2006/ X / ALU Y /C/B, LED2006/ RGB / ALU Y /600/B; 000-860 for models LED2007/ X / ALU Y /C/B; 0000-1155 for models LED2008/ X / ALU Y /C/B

Class 2 Low Voltage LED luminaire, Model(s) LED2009/RGB/ STA ST/000/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), for LED2010, LED2009 and LED2002 series: 0000-2500

Class 2 Low Voltage LED luminaire, Model(s) LED2010/RGB/STA ST/52/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm), for LED2010, LED2009 and LED2002 series: 0000-2500.

Class 2 Low Voltage LED luminaire, Model(s) LED2011/X/Y/75/000 where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, C representative length of product with 4 number (unit: mm), 0000-2000 for models LED2011/V/X/Y/C/000, LED2012/RGB/Y/C/000.

Class 2 Low Voltage LED luminaire, Model(s) LED2011/X/Y/C/000 where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, C representative length of product with 4 number (unit: mm), 0000-2000 for models LED2011/V/X/Y/C/000, LED2012/RGB/Y/C/000

Class 2 Low Voltage LED luminaire, Model(s) LED2012/RGB/Y/C/000 where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, C representative length of product with 4 number (unit: mm), 0000-2000 for models LED2011/V/X/Y/C/000, LED2012/RGB/Y/C/000.

Class 2 Low Voltage LED luminaire, Model(s) LED2017/ X / Y PL/C/B where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B;0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2018/ X /Y/450/B/HOLE MOUNT where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B;0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2018/ X /Y/450/B/SURFACE where X representative color temperature of LED with 4 number for CW: 5000 or more, for WW: 2500~3500, for DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required, B representative length of lead wire with 4 number (unit: mm): 0000-2000, C representative length of product with 3 or 4 number (unit: mm), 000-820 for models LED2004/X/ALU Y/C/B, LED2005/ X / ALU Y /C/B;0000-1000 for models LED2017/ X / Y PL/300/B

Class 2 Low Voltage LED luminaire, Model(s) LED2575/X/Y/C/B where X representative color temperature of LED (2600-3400K for WW; 3400-5700K for DL; 5700-6500K for CW.), Y representative LED PCB color with 2 to 6 letters, WH, FR, SIG, BLK, CLR, RED, YEL, BLU, TRANS, CHRP. Other colors/finishes may be added as required., C representative length of completely light: Max. 1848 mm, B representative length of lead wire with 4 numbers 0000-2000 mm.

Class 2 Low Voltage LED luminaire, Model(s) LED3001/X/ALU Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3002/X/ALU Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3003/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3004/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3005/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3006/X/ALU Y/900/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3006/X/PL SLV/000/000 where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3006/X/PL Y/000/000 where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999, Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3010/X/Y/000/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; C representative the length of completely lights.

Class 2 Low Voltage LED luminaire, Model(s) LED3011/X/Y/157L/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3011/X/Y/157R/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3011/X/Y/167T/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3011/X/Y/C/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3013/X/Y/C/B where X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights. LED3013/X/Y/C/B: Max. 4, 6 m; LED3015/X/Y/C/B: Max. 5 m, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3015/X/Y/C/B where X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights. LED3013/X/Y/C/B: Max. 4, 6 m; LED3015/X/Y/C/B: Max. 5 m, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3017/2700 5000/Y/158L/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3017/2700 5000/Y/C/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED3017/2700-5000/Y/167T/000 where For LED3011 series X representative emitted color for BLU; RED; GRN; YEL. Or for LED3011 series and other series X representative color temperature of LED with 4 number for 2600~6500 K (2600~3400 K for WW; 3400-5700 K for DL; 5700-6500 K for CW), Y representative color of enclosure with 2 to 6 letters, WH; FR; SIG; TRANS; CHRP; BLK; CLR; GRN; YEL; SIV; BLU; RED;. Other colors/finishes may be added as required, C representative the length of completely lights.
LED3011/X/Y/C/000: Max. 6, 0 m; LED3017/2700-5000/Y/C/000; LED3017/2700-5000/Y/158L/000; LED3017/2700-5000/Y/158R/000: 158 mm; LED3011/X/Y/157L/000; LED3011/X/Y/157R/000: 157 mm; LED3011/X/Y/167T/000; LED3017/2700-5000/Y/167T/000: 167 mm, B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Class 2 Low Voltage LED luminaire, Model(s) LED3020/X/Y/C/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; C representative the length of completely lights. max. 1112mm; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4003/VX/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4004/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN;

BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4005/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4006/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4007/X/PL Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4009/X/ALU Y/000/B where X representative color temperature of LED with 4 numbers, for CW: 5000 or more, WW: 2500~3500, DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers, 0000-2500 (unit: mm)

Class 2 Low Voltage LED luminaire, Model(s) LED4012/X/Y/000/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; C representative the length of completely lights.

Class 2 Low Voltage LED luminaire, Model(s) LED4014/X/Y/000/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; C representative the length of completely lights.

LED Low-Voltage Luminaires, Model(s) LED3027/2700-5000/Y/000/B Where Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 numbers 0000-2000 (unit: mm).

LED Low-Voltage Luminaires, Recess-mounted cabinet, Class 2 Luminaires, Model(s) LED2047/X/Y/C/B, LED2048/X/Y/C/B, LED3038/X/Y/C/B, LED3039/X/Y/C/B

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED2041/X/Y/C/B Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; C representative length of product with 3 or 4 number (unit: mm), 000-5000; B representative length of lead wire with 4 number 0000-2000 (unit: mm)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED2042/X/Y/C/B Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; C representative length of product with 3 or 4 number (unit: mm), 000-5000; B representative length of lead wire with 4 number 0000-2000 (unit: mm)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED2050/X/Y/C/B, LED2051/X/Y/C/B, LED3028/X/Y/C/B(@)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED3030/X/Y/C/B Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; C representative length of product with 3 or 4 number (unit: mm), 000-5000; B representative length of lead wire with 4 number 0000-2000 (unit: mm)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED3031/X/Y/C/B Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; C representative length of product with 3 or 4 number (unit: mm), 000-5000; B representative length of lead wire with 4 number 0000-2000 (unit: mm)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED3032/X/Y/C/B Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; C representative length of product with 3 or 4 number (unit: mm), 000-5000; B representative length of lead wire with 4 number 0000-2000 (unit: mm)

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Model(s) LED3035/X/Y/C/B, LED3036/X/Y/C/B

LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Models, Model(s) LED2029/X/Y/C/B(@), LED2030/X/Y/C/B(@), LED2037/X/Y/C/B(@), LED2043/X/Y/C/B(@), LED2045/X/Y/C/B(@)

LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires, Model(s) LED2022/X/Y/C/B(@), LED2023/X/Y/C/B(@), LED2025/X/Y/C/B(@), LED2026/X/Y/C/B(@), LED2027/X/Y/C/B(@), LED2032/X/Y/C/B(@), LED2033/X/Y/C/B(@), LED2034/X/Y/C/B(@), LED2035/X/Y/C/B(@), LED2036/X/Y/C/B(@), LED2039/X/Y/C/B(@), LED2040/X/Y/C/B(@), LED3021/X/Y/C/B(@), LED3022/X/Y/C/B(@), LED3023/X/Y/C/B(@), LED3024/X/Y/C/B(@), LED3025/X/Y/C/B(@)

Low Voltage LED luminaire, Model(s) LED2013/RED/Y/C/B where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 number 0000-2000 (unit: mm); C representative length of product with 4 number (unit: mm), 0000-5000

Low-voltage LED luminaire, Model(s) LED3019/X/Y/C/B where X representative color temperature of LED with 4 number: 2600~4000 K for LED3019 series; 2600~6500 K for other series (2600~3400 K for WW; 3400~5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHR;P; NIP; BLK; NI MATT; NI; POL; GO; CLR;

GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colors/finishes may be added as required; C representative the length of completely lights. Max. 1112 mm for Model LED3019/X/Y/C/B; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Low-voltage LED luminaire, Model(s) LED3021/X/Y/C/B/REC where X representative emitted color or color temperature with 2-3 alphabetical letters; Y representative color of enclosure with 2 to 6 alphabetical letters; C representative the length of completely lights with 3-4 numerals; B representative length of lead wire with 4 numerals.

Low-voltage LED luminaire, Model(s) LED4010/X/Y/S/Z/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm); S representative the stackable LED light quantity: Max 8 Pcs; Z representative the spacer quantity: Max 4 Pcs.

Low-voltage LED luminaire, Model(s) LED4011/X/Y/370/B where X representative color temperature of LED with 4 number: 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colours/finishes may be added as required; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Low-voltage LED luminaire, Model(s) LED4013/X/Y/000/B where X representative color temperature of LED with 4 number: 2600~4000 K for LED3019 series; 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colors/finishes may be added as required; C representative the length of completely lights. Max. 1112 mm for Model LED3019/X/Y/C/B; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Low-voltage LED luminaire, Model(s) LED4015/X/Y/000/B where X representative color temperature of LED with 4 number: 2600~4000 K for LED3019 series; 2600~6500 K for other series (2600~3400 K for WW; 3400-5700 K for DL; 5700~6500 K for CL); Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; ST; CHR; GL; ALU; STA ST; PL. Other colors/finishes may be added as required; C representative the length of completely lights. Max. 1112 mm for Model LED3019/X/Y/C/B; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm).

Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires, Dry location use, Model(s) LED2024/X/Y/C/B(@), LED2028/X/Y/C/B(@)

@ - Where X representative color temperature of LED with 4 numbers for CW: 5000 or more, WW: 2500~3500 and DL: 3501~4999; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHRP; NIP; BLK; NI MATT; NI; POL; GO; CLR; GRN; YEL; SIV; BLU; RED; or other color may be added as required; B representative length of lead wire with 4 number 0000-2000 (unit: mm); C representative length of product with 3 or 4 number (unit: mm), 000-5000

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