

# IFDR.E473379 - LOW-VOLTAGE LIGHTING SYSTEMS, POWER UNITS, LUMINAIRES AND FITTINGS

## 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

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E473379

**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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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) 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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) LED2013/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; CHR; 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) LED2014/RGB/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; CHR; 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) LED2015/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; CHR; 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), 0000-3000

**Low Voltage LED luminaire**, Model(s) LED2015/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; CHR; 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), 0000-3000

**Low Voltage LED luminaire**, Model(s) LED2016/RGB/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; CHR; 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), 0000-3000

**Low Voltage LED luminaire**, Model(s) LED2020/X/Y/000/B where X representative emitted color temperature of LED with 4 number: 2600~6500 K for LED2020 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; 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; B representative length of lead wire with 4 numerals

**Low Voltage LED luminaire**, Model(s) LED4016/X/Y/000/B where X representative emitted color temperature of LED with 4 number: 2600~4000 K for LED4016 series; Y representative color of enclosure with 2 to 6 letters, WH; ANOD; BRS; BZD; P; UNFIN; BURN; ZIP; FR; SIG; TRANS; CHR; 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; B representative length of lead wire with 4 numerals, 0000-2000 (unit: mm)

**Low-voltage LED luminaire**, Model(s) LED2019/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; CHR; 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) LED2021/X/Y/562/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; CHR; 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.

**Low-voltage LED luminaire**, Model(s) LED2021/X/Y/862/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; CHR; 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.

**Low-voltage LED luminaire**, Model(s) LED2021/X/Y/1162/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; CHR; 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.

**Low-voltage LED luminaire**, Model(s) LED3009/X/Y/00/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; CHR; 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.

**Low-voltage LED luminaire**, Model(s) LED3009/X/Y/IR/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; CHR; 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.

**Low-voltage LED luminaire**, Model(s) LED3018/X/Y/450/REC/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; CHR; 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) LED3018/X/Y/450/SUR/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; CHR; 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) 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; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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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