

# 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

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; 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; 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) 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; 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) 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; 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 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; 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 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; 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 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; 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) 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; 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) 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; 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) 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, CHR. 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; 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) 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; 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) 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; 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) 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; 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) 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; 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) 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; 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) 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; 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) 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; 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) 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; 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) 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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; CHR; 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 wher 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; 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, Class 2 Luminaires**, Model(s) LED2081, LED3081, may follow with /X/Y/C/B (%).

**LED Low Voltage Luminaires, Class 2 Luminaires**, Model(s) LED2090, LED3090, LED2091, LED3091, LED2092, LED3092, may follow with /X/Y/C/B (#).

**LED Low Voltage Luminaires, Class 2 Luminaires**, Model(s) LED2093 may follow with /X/Y/C/B (&)

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED2060, LED2061, LED2062, LED2077, LED3040, LED3041, LED3050, LED3051, LED3052, LED2080, LED3080, may follow with /X/Y/C/B (%).

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED2063, LED3042, LED3043, LED3045, LED3046, LED3048, may follow with /X/Y/C/B (#).

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED2064, LED2070, LED3044, LED3047, LED3049, may follow with /X/Y/C/B (-)

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED2065, LED2068, LED2071, LED2074, LED2078, LED2079, LED2080, LED3080, may follow with /X/Y/C/B (\$).

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED2073, LED2076, may follow with /X/Y/C/B (&)

**LED Low Voltage Luminaires, Flexible Strip, Class 2 Luminaires**, Model(s) LED3060, LED3061, may follow with /X/Y/C/B (&)

**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(@)

**LED Low-Voltage Luminaires, Surface Mounted, Class 2 Luminaires, Models**, Model(s) LED2037/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

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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2025/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2026/X/Y/C/B(@)

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2027/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2032/X/Y/C/B(@), LED2033/X/Y/C/B(@), LED2034/X/Y/C/B(@), LED2035/X/Y/C/B(@)

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2036/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2039/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED2040/X/Y/C/B(@)

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED3021/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED3022/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED3023/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) LED3024/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

**LED Low-Voltage Luminaires, Undercabinet-Mounted, Class 2 Luminaires**, Model(s) 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) 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; 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) 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; 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) 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; 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), 0000-3000

**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; 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), 0000-3000

**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; 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), 0000-3000

**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; 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; 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; 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; 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; 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) 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/Y1162/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 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

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

# - Where X represents CCT, it can be 4 numbers, meaning 1800K-7000K; Y representative color of enclosure with 2 to 6 letters, it can be 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 in the packing with 3 or 4 or 5 numbers (unit: mm), 000-50000; B representative length of lead wire with 4 number 0000-2000 (unit: mm).

\$ - Where X represents CCT, it can be 4 numbers, meaning 1800K-7000K; Y representative color of enclosure with 2 to 6 letters, it can be 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 in the packing with 3 or 4 or 5 numbers (unit: mm), 000-50000; B representative length of lead wire with 4 number 0000-2000 (unit: mm).

% - Where X represents CCT, it can be 4 numbers, meaning 1800K-7000K; Y representative color of enclosure with 2 to 6 letters, it can be 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 in the packing with 3 or 4 or 5 numbers (unit: mm), 000-50000; B representative length of lead wire with 4 number 0000-2000 (unit: mm).

(&) - Where X represents CCT, it can be 4 numbers, meaning 1800K-7000K; Y representative color of enclosure with 2 to 6 letters, it can be 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 in the packing with 3 or 4 or 5 numbers (unit: mm), 000-50000; B representative length of lead wire with 4 number 0000-2000 (unit: mm).

(-) - Where X represents CCT, it can be 4 numbers, meaning 1800K-7000K; Y representative color of enclosure with 2 to 6 letters, it can be 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 in the packing with 3 or 4 or 5 numbers (unit: mm), 000-50000; B representative length of lead wire with 4 number 0000-2000 (unit: mm).

@ - 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

Last Updated on 2020-01-15

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"

