







Features

- Wide input range 180 ~ 528VAC
- · Constant power mode output
- · Metal housing with Class I design
- Surge protection with 8KV/4KV
- · Built-in active PFC function
- · IP67 design for indoor or outdoor installation
- 3 in 1 dimming (dim to off and Isolation); Smart timer dimming and DALI-2
- Support with auxiliary DC output 12V/500mA
- Typical lifetime>50000 hours
- 5 years warranty

Description

Applications

- Harbor lighting
- High-bay lighting
- Flood lighting
- Fishing lamp
- Horticulture lighting
- Stadium lighting
- Type "HL" for use in Class I , Division 2 hazardous (Classified) location.

GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

HVGC-1000 series is a 1000W LED AC/DC driver featuring the constant power mode with wide output voltage range. HVGC-1000 operates from 180~528VAC and offers models with different rated current ranging between 1320mA and 7000mA. Thanks to the high efficiency up to 96%, with the fanless design, all models are able to operate for $-40^{\circ}C \sim +90^{\circ}C$ case temperature under free air convection. The design of metal housing and IP67 ingress protection level allows this series to fit both indoor and outdoor applications, such as horticulture lighting and stadium light HVGC-1000 is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding HVGC - 1000A - M - AB Function options(AB/D2/Dx/DA) Rated output current(L: 2800/ M: 4200/ H: 5600mA) Auxiliary DC output(12V@500mA) Rated wattage Series name

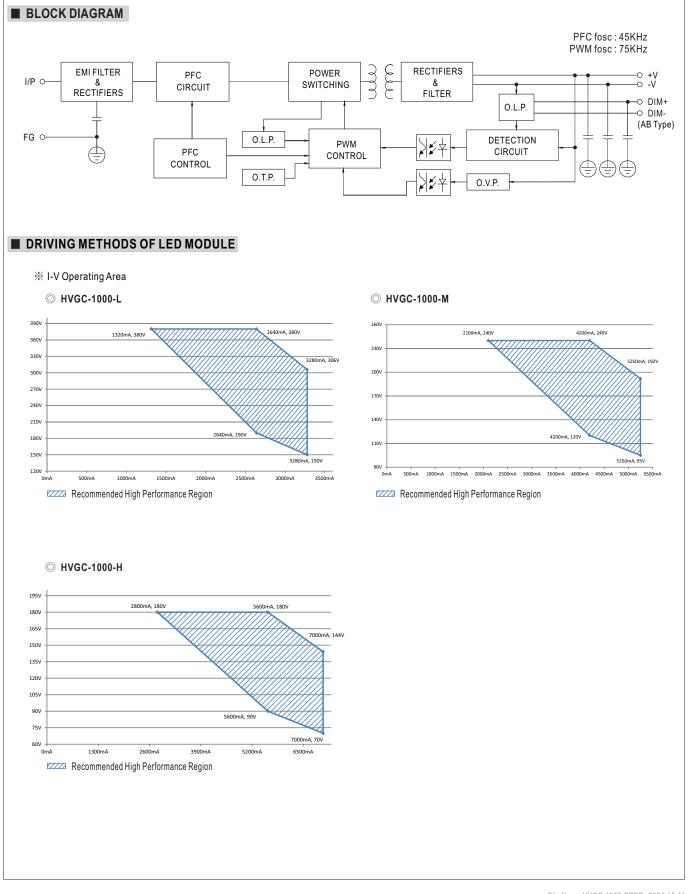
| Туре | IP Level | Function | Note |
|------|----------|--|------------|
| AB | IP67 | Standard constant power output with 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance) and built-in potentiometer. | In Stock |
| D2 | IP67 | Built-in Smart timer dimming and programmable function. | By request |
| Dx | IP67 | Built-in Smart timer dimming function by user request. | By request |
| DA | IP67 | DALI-2 control technology with Io Adjustable via built-in potentiometer. | By request |



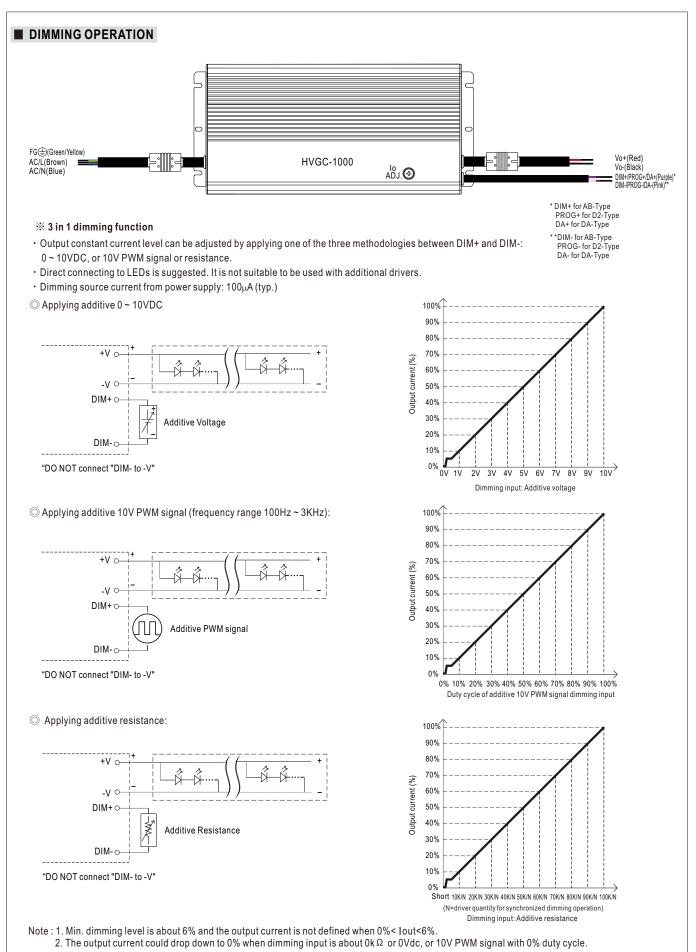
SPECIFICATION

| MODEL | | HVGC-1000A-L- | HVGC-1000A-M- | HVGC-1000A-H- | | | | |
|---------------------------|--|--|--|---|--|--|--|--|
| | RATED CURRENT | 2800mA | 4200mA | 5600mA | | | | |
| | RATED POWER | 1003.2W | 1008W | 1008W | | | | |
| | CONSTANT CURRENT REGION Note.2 | 150 ~ 380V | 95 ~ 240V | 70 ~ 180V | | | | |
| | FULL POWER CURRENT RANGE | 2640~3280mA | 4200~5250mA | 5600~7000mA | | | | |
| | OPEN CIRCUIT VOLTAGE (max.) | 400V | 250V | 190V | | | | |
| OUTPUT | CURRENT ADJ. RANGE | 1320~3280mA | 2100~5250mA | 2800~7000mA | | | | |
| | CURRENT RIPPLE | | | | | | | |
| | | 3.0% max. @ rated current | | | | | | |
| | CURRENT TOLERANCE | ±5% | | | | | | |
| | AUXILIARY POWER | Nominal 12V (Tolerance: \pm 10%, R&N:150mVp-p)@500mA for HVGC-1000A only | | | | | | |
| | SET UP TIME Note.4 | 500ms/230VAC, 347VAC, 480VAC | 500ms/230VAC, 347VAC, 480VAC | | | | | |
| | | 180 ~ 528VAC | | | | | | |
| | VOLTAGE RANGE Note.3 | (Please refer to "STATIC CHARACTERISTIC" section) | | | | | | |
| | FREQUENCY RANGE | 47 ~ 63Hz | | | | | | |
| | | PF≥0.98 / 230VAC, PF≥0.98 / 277VAC, PF≥0.97 / 347VAC, PF≥0.96 / 400VAC, PF≥0.95 / 480VAC at full load | | | | | | |
| | POWER FACTOR (Typ.) | (Please refer to "Power Factor Characteristic" section) | | | | | | |
| | | | | | | | | |
| | TOTAL HARMONIC DISTORTION | THD< 10% @ 347VAC> 80% loading | | | | | | |
| INPUT | | (Please refer to "TOTAL HARMONIC DIS" | , , , | | | | | |
| - | EFFICIENCY (Typ.) | 95.5% | 96% | 96% | | | | |
| | AC CURRENT (Typ.) | 3.15A/347VAC 2.28A/480VAC | | | | | | |
| | INRUSH CURRENT(Typ.) | COLD START 40A(twidth=1850µs measured | at 50% Ipeak) at 480VAC; Per NEMA 410 | | | | | |
| | MAX. NO. of PSUs on | | | | | | | |
| | CIRCUIT BREAKER | 4 Unit for 30A type B circuit breaker / 8 unit | t for 30A type C circuit breaker at 480VAC | | | | | |
| | LEAKAGE CURRENT | <0.75mA / 480VAC | | | | | | |
| | | | | | | | | |
| | | Standby power consumption <2W for AB-Type(| (Dimming OFF) | | | | | |
| | POWER CONSUMPTION | | | | | | | |
| | SHORT CIRCUIT | Constant current limiting, recovers automa | | | | | | |
| DOTECTION | OVER VOLTAGE | 400 ~ 425V | 250 ~ 270V | 190 ~ 205V | | | | |
| PROTECTION | OVER VOLIAGE | Shut down output voltage, re-power on to r | ecovery | | | | | |
| | OVER TEMPERATURE | Shut down output voltage, re-power on to r | ecovery | | | | | |
| | WORKING TEMP. | Tcase=-40 ~ +90°C (Please refer to "OUTP | • | | | | | |
| | MAX, CASE TEMP. | · · · | | | | | | |
| | WAA. CASE LEWIF. | Tcase=+90°C | | | | | | |
| | | - | | | | | | |
| ENVIRONMENT | WORKING HUMIDITY | 20 ~ 95% RH non-condensing | | | | | | |
| ENVIRONMENT | WORKING HUMIDITY STORAGE TEMP., HUMIDITY | 20 ~ 95% RH non-condensing -40 ~ +80 $^\circ C$, 10 ~ 95% RH non-condensing | g | | | | | |
| ENVIRONMENT | | 20 ~ 95% RH non-condensing | 9 | | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY | 20 ~ 95% RH non-condensing -40 ~ +80 $^\circ C$, 10 ~ 95% RH non-condensing | | | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for | | V61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 | - 72min. each along X, Y, Z axes i0. 13-17, ENEC BS EN/EN61347-1, BS EN/E№ | V61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5 004, IP67 approved | N61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS | $\begin{array}{l} 20 \sim 95\% \mbox{ RH non-condensing} \\ -40 \sim +80^\circ\mbox{C} \ , 10 \sim 95\% \mbox{ RH non-condensing} \\ \pm 0.03\%/^\circ\mbox{C} \ (0 \sim 50^\circ\mbox{C}) \\ 10 \sim 500\mbox{Hz} \ , 5G \ 12\mbox{min./1cycle, period for} \\ UL8750(type^*\mbox{HL}^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ EC62386-101.102.207 \ for \ EC62386$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) | N61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC | N61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC | V61347-2-13 independent, BS EN/EN62384 | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\% ^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1cycle, \ period \ for \\ UL8750 (type"\ HL"), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 00VDC / 25°C/ 70% RH | | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\% /^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1cycle, \ period \ for \\ UL8750 (type"\ HL"), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 50VDC / 25°C/ 70% RH Standard | Test Level/Note | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\% ^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1 \ cycle, \ period \ for \\ UL8750 (type" \ HL"), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ Conducted \\ \end{array}$ | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 504, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 | Test Level/Note | | | | |
| ENVIRONMENT | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\%^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12 \ min./1 \ cycle, \ period \ for \\ UL8750(type^*\ HL^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ L \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P; \ JKVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P, \ I/P-FG, \ O/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ Conducted \\ Radiated \\ \end{array}$ | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 504, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 | Test Level/Note | | | | |
| | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P-I I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 | Test Level/Note Class C @load≥50% | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P-I I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 | Test Level/Note | | | | |
| | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\%^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1 \ cycle, \ period \ for \\ UL8750(type^*\ HL^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ L \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P; \ I/P-FG, \ O/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ \hline Conducted \\ \hline Radiated \\ Harmonic \ Current \\ Voltage \ Flicker \\ BS \ EN/EN61547, \ CCC \ GB/T \ 17743, \ GB12 \\ \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 | Test Level/Note Class C @load≥50% | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\%^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1 \ cycle, \ period \ for \\ UL8750(type^*\ HL^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ L \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P; \ I/P-FG, \ O/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ \hline Conducted \\ Radiated \\ Harmonic \ Current \\ Voltage \ Flicker \\ BS \ EN/EN61547, \ CCC \ GB/T \ 17743, \ GB15 \\ \hline \ Parameter \\ \hline \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard | Test Level/Note Class C @load≥50% | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\%^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1 \ cycle, \ period \ for \\ UL8750(type^*\ HL^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ L \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P; \ I/P-FG, \ O/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ \hline Conducted \\ \hline Radiated \\ Harmonic \ Current \\ Voltage \ Flicker \\ BS \ EN/EN61547, \ CCC \ GB/T \ 17743, \ GB12 \\ \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | $\begin{array}{c} 20 \sim 95\% \ RH \ non-condensing \\ -40 \sim +80^\circ C, \ 10 \sim 95\% \ RH \ non-condensing \\ \pm 0.03\%^\circ C \ (0 \sim 50^\circ C) \\ 10 \sim 500 \ Hz, \ 5G \ 12min./1 \ cycle, \ period \ for \\ UL8750(type^*\ HL^*), \ CAN/CSA \ C22.2 \ NO. 25 \\ CCC \ GB19510.1, \ GB19510.14; \ EAC \ TP \ TC \\ Compare \ to \ IEC62386-101.102.207 \ for \ L \\ I/P-O/P: \ 3KVAC \ I/P-FG: \ 2KVAC \ O/P-I \\ I/P-O/P; \ I/P-FG, \ O/P-FG: \ 100M \ Ohms \ / \ 50 \\ FCC \ Part \ 15 \ class \ B, \ EAC \ TP \ TC \ 020 \\ \hline \ Parameter \\ \hline Conducted \\ Radiated \\ Harmonic \ Current \\ Voltage \ Flicker \\ BS \ EN/EN61547, \ CCC \ GB/T \ 17743, \ GB15 \\ \hline \ Parameter \\ \hline \end{array}$ | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard | Test Level/Note Class C @load≥50% Test Level/Note | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for L I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB12 Parameter ESD | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 50VDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for L I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB12 Parameter ESD Radiated | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 50VDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for L I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743 , GB12 Parameter ESD Radiated EFT/Burst | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for L I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743 , GB12 Parameter ESD Radiated EFT/Burst Surge | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for L I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743 , GB1 Parameter ESD Radiated EFT/Burst Surge Conducted | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC 500VDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 2 Level 2 Level 3 | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P; 3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods | | | | |
| SAFETY & | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P; 3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P.3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P, I/P-FG, O/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellcr 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN650015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specia | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P, I/P-FG, O/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC inp | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellco 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC inp METHODS OF LED MODULE". | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN c004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temperature | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed to | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P; I/P-FG, O/P-FG:2KVAC O/P- I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellco 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT IV mentioned are measured at 347VAC inp I/ETHODS OF LED MODULE". | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN650015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ °C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO. 25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for E I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P:3KVAC I/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellcd 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC inp I/ETHODS OF LED MODULE". nder low input voltages. Please refer to "S asured at first cold start. Turning ON/OFF | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore); 68.4K hrs min. MIL-HDBK-217F (25°C Datt rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detar | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING N 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P-I/P-O/P; J/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347V/AC inp I/ETHODS OF LED MODULE". nder low input voltages. Please refer to "S asured at first cold start. Turning ON/OFF a component that will be operated in comt | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 50. 70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C Dut, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detat the power supply may lead to increase of th | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P-I/P-O/P; J/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347V/AC inp I/ETHODS OF LED MODULE". nder low input voltages. Please refer to "S asured at first cold start. Turning ON/OFF a component that will be operated in comt | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detat the power supply may lead to increase of th bination with final equipment. Since EMC pe by EMC Directive on the complete installation | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P;3KVAC I/P-FG:2KVAC O/P- I/P-O/P,I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB12 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellco 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT by mentioned are measured at 347VAC inp //ETHODS OF LED MODULE". nder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF if a component that will be operated in comt al equipment manufacturers must re-qualif areanwell.com//Upload/PDF/EML_stateme | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detat the power supply may lead to increase of th bination with final equipment. Since EMC pe by EMC Directive on the complete installation | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P;3KVAC I/P-FG:2KVAC O/P- I/P-O/P,I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB12 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellco 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT by mentioned are measured at 347VAC inp //ETHODS OF LED MODULE". nder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF if a component that will be operated in comt al equipment manufacturers must re-qualif areanwell.com//Upload/PDF/EML_stateme | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-7 BS EN/EN61000-4-8 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detatthe power supply may lead to increase of the bination with final equipment. Since EMC per y EMC Directive on the complete installation ont_en.pdf) ation when Tcase, particularly (to point (or T | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www 6. This series meets the typica 7. Please refer to the warranty | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing ± 0.03%/°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P:3KVAC I/P-FG:2KVAC O/P- I/P-O/P; J/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellcr 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT y mentioned are measured at 347VAC inp //ETHODS OF LED MODULE". nder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF fa a component that will be operated in comf al equipment manufacturers must re-qualif //meanwell.com//Upload/PDF/EMI_stateme al life expectancy of >50,000 hours of operate y restatement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement on MEAN WELL's website at hours of the statement of the s | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-7 BS EN/EN61000-4-8 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detatthe power supply may lead to increase of the bination with final equipment. Since EMC per y EMC Directive on the complete installation ont_en.pdf) ation when Tcase, particularly (to point (or T | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. MP, per DLC), is about 80°C or less. | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www 6. This series meets the typict 7. Please refer to the warranty 8. To fulfill requirements of the the mains. | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P.3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellcc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iy mentioned are measured at 347VAC inp /ETHODS OF LED MODULE". nder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF i a component that will be operated in comta al equipment manufacturers must re-qualif <i>urmeanwell.com</i> //Dpload/PDF/EMI_stareme al life expectancy of >50,000 hours of operars statement on MEAN WELL's website at h latest ErP regulation for lighting fixtures, th | 72min. each along X, Y, Z axes 72min. each along X, Y, Z axes 7400, 17 | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. MP, per DLC), is about 80°C or less. vitch without permanently connected to | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMC EMISSION DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www 6. This series meets the typica 7. Please refer to the warranty 8. To fulfill requirements of the the mains. 9. The ambient temperature d | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P.3KVAC I/P-FG:2KVAC O/P- I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iv mentioned are measured at 347VAC inp /ETHODS OF LED MODULE". Inder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF is a component that will be operated in comta al equipment manufacturers must re-qualif <i>u</i> -meanwell.com//Upload/PDF/EMI_stareme al life expectancy of >50,000 hours of opera- statement on MEAN WELL's website at th latest ErP regulation for lighting fixtures, th erating of 3.5°C/1000m with fanless models | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 6004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-7 BS EN/EN61000-4-8 BS EN/EN61000-4-11 ore); 68.4K hrs min. MIL-HDBK-217F (25°C Dut, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detathe power supply may lead to increase of the bination with final equipment. Since EMC per by EMC Directive on the complete installation int_en.pdf) ation when Tcase, particularly (tc) point (or T ttp://www.meanwell.com ation when Tcase, particularly (tc) point (or T ttp://www.meanwell.com s and of 5°C/1000m with fan models for oper | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. MP, per DLC), is about 80°C or less. vitch without permanently connected to | | | | |
| SAFETY & EMC | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www 6. This series meets the typica 7. Please refer to the warranty 8. To fulfill requirements of the the mains. 9. The ambient temperature d 10. To prevent any Abnormal | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iv mentioned are measured at 347VAC inp //ETHODS OF LED MODULE". Inder low input voltages. Please refer to "S' asured at first cold start. Turning ON/OFF a component that will be operated in comta al equipment manufacturers must re-qualif <i>a</i> .meanwell.com//Upload/PDF/EMI_stareme al life expectancy of >50,000 hours of opera- <i>s</i> statement on MEAN WELL's website at h latest ErP regulation for lighting fixtures, th erating of 3.5°C/1000m with fanless models operation. Please install with two-way switc | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detat the power supply may lead to increase of the pination with final equipment. Since EMC per y EMC Directive on the complete installation int_en.pdf) ation when Tcase, particularly (c) point (or T ttp://www.meanwell.com is LED driver can only be used behind a sw s and of 5°C/1000m with fan models for ope th to AC input. | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. MP, per DLC), is about 80°C or less. vitch without permanently connected to | | | | |
| SAFETY & EMC OTHERS | STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS DALI STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specia 2. Please refer to "DRIVING M 3. De-rating may be needed u 4. Length of set up time is me 5. The driver is considered as complete installation, the fir (as available on https://www 6. This series meets the typica 7. Please refer to the warranty 8. To fulfill requirements of the the mains. 9. The ambient temperature d 10. To prevent any Abnormal 11. For A/AB type need to cor | 20 ~ 95% RH non-condensing -40 ~ +80°C, 10 ~ 95% RH non-condensing $\pm 0.03\%$ /°C (0 ~ 50°C) 10 ~ 500Hz, 5G 12min./1cycle, period for UL8750(type"HL"), CAN/CSA C22.2 NO.25 CCC GB19510.1,GB19510.14; EAC TP TC Compare to IEC62386-101.102.207 for D I/P-O/P; I/P-FG, O/P-FG:100M Ohms / 50 FCC Part 15 class B, EAC TP TC 020 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547, CCC GB/T 17743, GB17 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 682.8K hrs min. Telcordia SR-332(Bellc 310*144*48.5mm (L*W*H) 4.2Kg;4pcs/17.8Kg/1.16CUFT Iv mentioned are measured at 347VAC inp //ETHODS OF LED MODULE". Inder low input voltages. Please refer to "S asured at first cold start. Turning ON/OFF f a component that will be operated in conta al equipment manufacturers must re-qualif //meanwell.com//Upload/PDF/EMI_stareme al life expectancy of >50,000 hours of opera- / statement on MEAN WELL's website at h latest ErP regulation for lighting fixtures, th erating of 3.5°C/1000m with fanless models operation. Please install with two-way switc isider build in using to comply with Type HI | 72min. each along X, Y, Z axes 50. 13-17, ENEC BS EN/EN61347-1, BS EN/EN 5004, IP67 approved DA-Type only (Device type 6, DT6) FG:1.8KVAC DOVDC / 25°C/70% RH Standard BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN55015(CISPR15)/GB/T 17743 BS EN/EN61000-3-2/GB17625.1 BS EN/EN61000-3-3 7625.1 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 ore) ; 68.4K hrs min. MIL-HDBK-217F (25°C put, rated current and 25°C of ambient temper TATIC CHARACTERISTIC" sections for detat the power supply may lead to increase of the pination with final equipment. Since EMC per y EMC Directive on the complete installation int_en.pdf) ation when Tcase, particularly (c) point (or T ttp://www.meanwell.com is LED driver can only be used behind a sw s and of 5°C/1000m with fan models for ope th to AC input. | Test Level/Note Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 8KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods >95% interruptions 250 periods C) erature. ails. e set up time. rformance will be affected by the n again. MP, per DLC), is about 80°C or less. /itch without permanently connected to erating altitude higher than 2000m(6500f | | | | |





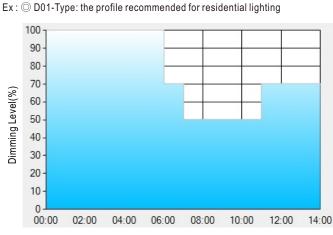






% Smart timer dimming function (for Dxx-Type by User definition)

MEAN WELL Smart timer dimming primarily provides the adaptive proportion dimming profile for the output constant current level to perform up to 14 consecutive hours. 3 dimming profiles hereunder are defined accounting for the most frequently seen applications. If other options may be needed, please contact MEAN WELL for details.



Set up for D01-Type in Smart timer dimming software program:

| | T1 | T2 | Т3 | Τ4 |
|---------|-------|-------|-------|-----|
| TIME** | 06:00 | 07:00 | 11:00 | |
| LEVEL** | 100% | 70% | 50% | 70% |

Operating Time(HH:MM)

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

Example: If a residential lighting application adopts D01-Type, when turning on the power supply at 6:00pm, for instance:

[1] The power supply will switch to the constant current level at 100% starting from 6:00pm.

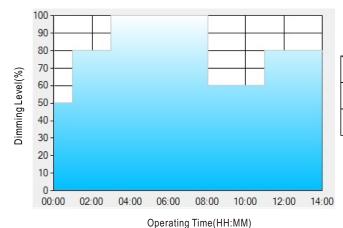
[2] The power supply will switch to the constant current level at 70% in turn, starting from 0:00am, which is 06:00 after the power supply turns on.

[3] The power supply will switch to the constant current level at 50% in turn, starting from 1:00am, which is 07:00 after the power supply turns on.

[4] The power supply will switch to the constant current level at 70% in turn, starting from 5:00 am, which is 11:00 after the power supply turns on.

The constant current level remains till 8:00am, which is 14:00 after the power supply turns on.

Ex: O D02-Type: the profile recommended for street lighting



Set up for D02-Type in Smart timer dimming software program:

| | T1 | T2 | Т3 | T4 | Τ5 |
|---------|-------|-------|------|-------|-----|
| TIME** | 01:00 | 03:00 | 8:00 | 11:00 | |
| LEVEL** | 50% | 80% | 100% | 60% | 80% |

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

Example: If a street lighting application adopts D02-Type, when turning on the power supply at 5:00pm, for instance:

[1] The power supply will switch to the constant current level at 50% starting from 5:00pm.

[2] The power supply will switch to the constant current level at 80% in turn, starting from 6:00pm, which is 01:00 after the power supply turns on.

[3] The power supply will switch to the constant current level at 100% in turn, starting from 8:00pm, which is 03:00 after the power supply turns on.

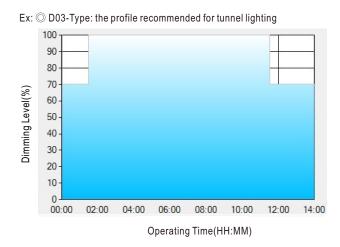
[4] The power supply will switch to the constant current level at 60% in turn, starting from 1:00am, which is 08:00 after the power supply turns on.

[5] The power supply will switch to the constant current level at 80% in turn, starting from 4:00am, which is 11:00 after the power supply turns on. The constant current level remains till 6:30am, which is 14:00 after the power supply turns on.



1000W Constant Power Mode LED Driver

HVGC-1000 series



Set up for D03-Type in Smart timer dimming software program:

| | T1 | T2 | Т3 | T4 |
|---------|-------|-------|-------|-------|
| TIME** | 18:00 | 20:00 | 24:00 | 04:00 |
| LEVEL** | 100% | 75% | 50% | 25% |

**: TIME matches Operating Time in the diagram whereas LEVEL matches Dimming Level.

Example: If a tunnel lighting application adopts D03-Type, when turning on the power supply at 4:30pm, for instance:

[1] The power supply will switch to the constant current level at 70% starting from 4:30pm.

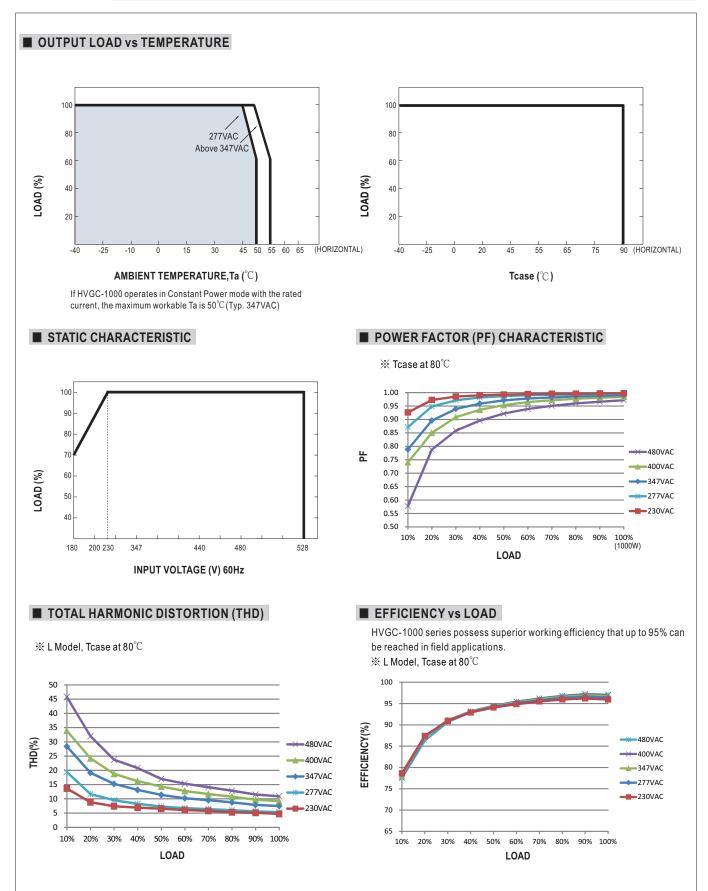
[2] The power supply will switch to the constant current level at 100% in turn, starting from 6:00pm, which is 01:30 after the power supply turns on.

[3] The power supply will switch to the constant current level at 70% in turn, starting from 5:00am, which is 11:00 after the power supply turns on. The constant current level remains till 6:30am, which is 14:00 after the power supply turns on.

※ DALI interface(primary side; for DA-Type)

- Apply DALI signal between DA+ and DA-.
- DALI protocol comprises 16 groups and 64 addresses.
- First step is fixed at 8% of output.



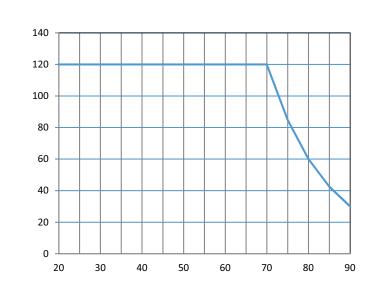




1000W Constant Power Mode LED Driver

HVGC-1000 series

LIFE TIME



Tcase (°C)

MECHANICAL SPECIFICATION

LIFETIME(Kh)

Cable information

| Туре | Input cable | Output cable | Dimming cable | AUX cable |
|------|---|---|---|---|
| AB | SOOW 17AWG \times 3C & H07RN-F 3 \times 1.0mm ² | SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ² | SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ² | SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ² |
| D2 | SOOW 17AWG×3C & H07RN-F 3×1.0mm ² | SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ² | SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ² | SJOW 17AWG×2C & H05RN-F 2×1.0mm ² |
| Dx | SOOW 17AWG×3C & H07RN-F 3×1.0mm ² | SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ² | | SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ² |
| DA | SOOW 17AWG \times 3C & H07RN-F 3 \times 1.0mm ² | SOOW 17AWG \times 2C & H07RN-F 2 \times 1.0mm ² | SJOW 17AWG \times 2C & H05RN-F 2 \times 1.0mm ² | SJOW 17AWG×2C & H05RN-F 2×1.0mm ² |



