

# PHILIPS

# Lighting



# HID-GreenVision GP-SON

## HID-GVIII 750W/P GP-SON 400V NA

Full electronic driver for GP-SON 600/1000W lamps

### Product data

#### General information

|                          |              |
|--------------------------|--------------|
| Application Code         | 400V         |
| Type Version             | NA           |
| Lamp Type                | GP-SON       |
| Number of Lamps          | 1 piece/unit |
| Suitable For Outdoor Use | Yes          |
| Automatic Restart        | No           |

#### Operating and electrical

|                                       |             |
|---------------------------------------|-------------|
| Input Voltage                         | 400 V       |
| Input Frequency                       | 50 to 60 Hz |
| Minimum Mains Voltage Operation (Min) | 270 V       |
| Operating Frequency (Nom)             | 220 kHz     |
| Power Factor 100% Load (Nom)          | 0.99        |
| Ignition Voltage (Max)                | 2.5 kV      |
| Ignition Voltage (Min)                | 2.3 kV      |
| Ignition Switch-Off Time (Nom)        | 5 min       |
| Mains Voltage Performance (AC)        | 270-424V    |
| Mains Voltage Safety (AC)             | 249-440V    |
| Output Peak Voltage (Max)             | 3200 V      |
| Inrush Current Width                  | 1.6 ms      |
| Inrush Current Peak (Max)             | 30 A        |

#### Wiring

|  |                    |
|--|--------------------|
| Cable Capacity Output Wires Mutual (Nom) | 250 pF             |
| Connector Type                           | JST VH-B Connector |

#### System characteristics

|                          |        |
|--------------------------|--------|
| Rated Ballast-Lamp Power | 750W/P |
|--------------------------|--------|

#### Temperature

|                         |        |
|-------------------------|--------|
| T-Ambient (Max)         | 35 °C  |
| T-Ambient (Min)         | 0 °C   |
| T-Storage (Max)         | 85 °C  |
| T-Storage (Min)         | -20 °C |
| T-Case Lifetime (Nom)   | 70 °C  |
| T-Case Switch Off (Min) | 110 °C |

#### Controls and dimming

|                   |      |
|-------------------|------|
| Control Interface | None |
|-------------------|------|

#### Mechanical and housing

|         |              |
|---------|--------------|
| Housing | L 181x151x58 |
|---------|--------------|

#### Approval and application

|                         |    |
|-------------------------|----|
| Energy Efficiency Index | A2 |
|-------------------------|----|

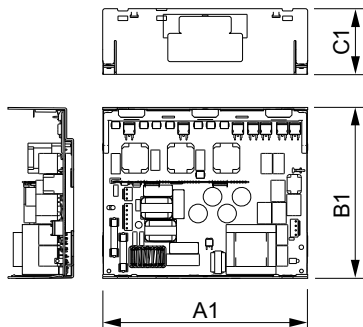
## HID-GreenVision GP-SON

|  |                                |
|--|--------------------------------|
| Surge Protection (Common/Differential) | EN61547 5.7 kV                 |
| IP Classification Luminaire            | 65                             |
| Active Temperature Protection          | Yes                            |
| EMI 9 kHz ... 300 MHz                  | FCC title 47 Part 18 (Class A) |
| Safety Standard                        | EN60928, 60926                 |
| Quality Standard                       | ISO 9000:2000                  |
| Environmental Standard                 | ISO 14001                      |
| Harmonic Current Emission Standard     | EN 61000-3-2                   |
| Vibration Standard                     | EN60068-2-6 F c                |
| Bumps Standard                         | EN 60068-2-29 Eb               |
| Approval Marks                         | CSA certificate UL certificate |
| Hum And Noise Level                    | < 45 dB(A)                     |

### Product data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Full product code               | 871869664627400                 |
| Order product name              | HID-GVIII 750W/P GP-SON 400V NA |
| EAN/UPC - Product               | 8718696646274                   |
| Order code                      | 913712009361                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 144                             |
| Material Nr. (12NC)             | 913712009361                    |
| Copy Net Weight (Piece)         | 0.760 kg                        |

### Dimensional drawing



HID-GVIII 750W/P GP-SON 400V NA

| Product                         | A1     | B1     | C1    |
|---------------------------------|--------|--------|-------|
| HID-GVIII 750W/P GP-SON 400V NA | 181 mm | 151 mm | 58 mm |

