



# PrimaVision for SDW-TG

# HID-PV 100 /S SDW-TG 220-240V 50/60Hz

Robust, lightweight and one-piece HID electronic gear for SDW-TG lamps (mini White SON) Lightweight, one-piece electronic gear for 50 and 100 W SDW-TG lamps (mini White SON)

#### **Product data**

General Information	
Lamp Type	SDW-TG
Number of Lamps	1 piece/unit
Suitable For Outdoor Use	No
Number of Products on MCB (16A Type B)	14
(Nom)	
Automatic Restart	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Minimum Mains Voltage Operation (Min)	180 V
Operating Frequency (Nom)	0.14 kHz
Power Factor 100% Load (Nom)	0.95
Ignition Voltage (Max)	4.0 kV
Ignition Voltage (Min)	3.3 kV
Ignition Switch-Off Time (Nom)	6 min
Mains Voltage Performance (AC)	-10%-+6%
Mains Voltage Safety (AC)	-18%-+10%
Inrush Current Width	0.50 ms
Constant Wattage Deviation	-3%/+3%

Wiring  Cable Length From Device to Lamp  Wire Striplength  Ballast Contact Wire Cross Section  Connector Type  Insert  System characteristics  Rated Ballast-Lamp Power  Temperature  T-Ambient (Max)  T-Ambient (Min)  T-Storage (Max)  T-Storage (Min)  T-Case Lifetime (Nom)  2 m  10.0-11.0 mm  10.0-11.0 mm  10.0-11.0 mm  10.0-11.0 mm  10.0-12.0 m²  10.0 W  1	Power Losses (Nom)	9 W
Cable Length From Device to Lamp 2 m  Wire Striplength 10.0–11.0 mm  Ballast Contact Wire Cross Section 0.50–2.50 mm²  Connector Type Insert  System characteristics  Rated Ballast–Lamp Power 100 W  Temperature  T-Ambient (Max) 60 °C  T-Ambient (Min) -20 °C  T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C	Inrush Current Peak (Max)	33 A
Cable Length From Device to Lamp 2 m  Wire Striplength 10.0–11.0 mm  Ballast Contact Wire Cross Section 0.50–2.50 mm²  Connector Type Insert  System characteristics  Rated Ballast–Lamp Power 100 W  Temperature  T-Ambient (Max) 60 °C  T-Ambient (Min) -20 °C  T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C		
Wire Striplength         10.0-11.0 mm           Ballast Contact Wire Cross Section         0.50-2.50 mm²           Connector Type         Insert           System characteristics           Rated Ballast-Lamp Power         100 W           Temperature           T-Ambient (Max)         60 °C           T-Ambient (Min)         -20 °C           T-Storage (Max)         80 °C           T-Storage (Min)         -25 °C           T-Case Lifetime (Nom)         75 °C	Wiring	
Ballast Contact Wire Cross Section         0.50-2.50 mm²           Connector Type         Insert           System characteristics           Rated Ballast-Lamp Power         100 W           Temperature           T-Ambient (Max)         60 °C           T-Ambient (Min)         -20 °C           T-Storage (Max)         80 °C           T-Storage (Min)         -25 °C           T-Case Lifetime (Nom)         75 °C	Cable Length From Device to Lamp	2 m
Connector Type         Insert           System characteristics         100 W           Rated Ballast-Lamp Power         100 W           Temperature         60 °C           T-Ambient (Max)         60 °C           T-Ambient (Min)         -20 °C           T-Storage (Max)         80 °C           T-Storage (Min)         -25 °C           T-Case Lifetime (Nom)         75 °C	Wire Striplength	10.0-11.0 mm
System characteristics           Rated Ballast-Lamp Power         100 W           Temperature           T-Ambient (Max)         60 °C           T-Ambient (Min)         -20 °C           T-Storage (Max)         80 °C           T-Storage (Min)         -25 °C           T-Case Lifetime (Nom)         75 °C	Ballast Contact Wire Cross Section	0.50-2.50 mm <sup>2</sup>
Rated Ballast-Lamp Power       100 W         Temperature         T-Ambient (Max)       60 °C         T-Ambient (Min)       -20 °C         T-Storage (Max)       80 °C         T-Storage (Min)       -25 °C         T-Case Lifetime (Nom)       75 °C	Connector Type	Insert
Rated Ballast-Lamp Power       100 W         Temperature         T-Ambient (Max)       60 °C         T-Ambient (Min)       -20 °C         T-Storage (Max)       80 °C         T-Storage (Min)       -25 °C         T-Case Lifetime (Nom)       75 °C		
Temperature         T-Ambient (Max)       60 °C         T-Ambient (Min)       -20 °C         T-Storage (Max)       80 °C         T-Storage (Min)       -25 °C         T-Case Lifetime (Nom)       75 °C	System characteristics	
T-Ambient (Max) 60 °C  T-Ambient (Min) -20 °C  T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C	Rated Ballast-Lamp Power	100 W
T-Ambient (Max) 60 °C  T-Ambient (Min) -20 °C  T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C		
T-Ambient (Min) -20 °C  T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C	Temperature	
T-Storage (Max) 80 °C  T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C	T-Ambient (Max)	60 °C
T-Storage (Min) -25 °C  T-Case Lifetime (Nom) 75 °C	T-Ambient (Min)	-20 °C
T-Case Lifetime (Nom) 75 °C	T-Storage (Max)	80 °C
	T-Storage (Min)	-25 °C
T-Case Maximum (Max) 85 °C	T-Case Lifetime (Nom)	75 °C
	T-Case Maximum (Max)	85 ℃

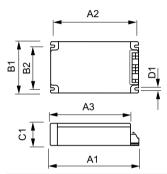
Datasheet, 2020, November 23 data subject to change

## **PrimaVision for SDW-TG**

Mechanical and Housing	
Housing	/S
Approval and Application	
Active Temperature Protection	Yes
EMI 9 kHz 300 MHz	CISPR 15 ed 7.2
Vibration Standard	IEC68-2-6 F c
Bumps Standard	IEC 68-2-29 Eb
Approval Marks	CE marking ENEC certificate CB
	Certificate
Hum And Noise Level	Inaudible

Product Data				
Full product code	872790088754900			
Order product name	HID-PV 100 /S SDW-TG 220-240V			
	50/60Hz			
EAN/UPC - Product	8711500881861			
Order code	913700656566			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	10			
Material Nr. (12NC)	913700656566			
Net Weight (Piece)	0.350 kg			

### Dimensional drawing



HID-PV 100 /S SDW-TG 220-240V 50/60Hz

Product	D1	C1	A1	A2	B1	B2
HID-PV 100 /S SDW-	4.5 mm	37.0	150.0	133.6	90.0	70.0
TG 220-240V		mm	mm	mm	mm	mm
50/60Hz						

