

**Product data sheet**  
Characteristics

**PDL354PBDMBTW-VW**  
Connected Dimmer, Iconic, BLE default mode,  
ControlLink, 300 W, 240 V, Vivid white



**Main**

Range compatibility	Wiser Pro Series cover plate
Product brand	PDL
Range	PDL Iconic
Aesthetic name	Iconic
Product or component type	Dimmer

**Complementary**

Device presentation	Mechanism
Device application	Light control
Dimmer type	Universal
Load type	Incandescent lamp: 300 W at 220...240 V AC Halogen lamp: 300 W at 220...240 V AC LED lamp: 300 W at 220...240 V AC LV halogen lamps: 300 W at 12 V AC (electronic transformer) LV halogen lamps: 300 W at 12 V AC (wound transformer)
[Ue] rated operational voltage	220...240 V AC 50 Hz
Protection type	Short-circuit protection Overheating protection Automatic overload protection
Colour	Vivid white (VW)
Number of FUNCTION keys	1
Local signalling	Programmable: 1 LED (green/red)
Signalling function	Light ON when switch is actuated Programming indication Locator
Number of outputs	1
Control type	Local control dimming up/down control Local control automatic load detection Remote control Wiser App on/off switching Remote control Wiser App dimming up/down control Local control on/off switching Remote control via ControlLink on/off switching Remote control via ControlLink dimming up/down control Remote control Wiser App device programming Local control soft start
Number of ways	5 ways

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Software name	Wiser App: dimming range control Wiser App: overtravel control Wiser App: program the switching time Wiser App: enable timer mode Wiser App: management of the dimming mode Wiser App: enable switch-on brightness/memory function Wiser App: enable timer mode/overtravel time Wiser App: upgrade device firmware Wiser App: load control Wiser App: define LED status Wiser App: management of trigger settings Wiser App: weekday switching Wiser App: astro function Wiser App: random function Wiser App: enable wake-up function Wiser App: enable fall-asleep function Wiser App: management of the staircase timer (with/without warning) Wiser App: light control
Time delay range	1 s...24 h (overtravel)
Maximum number of connected devices	Bluetooth: 15 (smart device) Bluetooth: 10 (Wiser device) Bluetooth: 10 (multiway switching between coupled device)
Cable length	50 m for ControlLink module
Technology type	Bluetooth low energy default Zigbee
Communication network type	Wireless (2.4 GHz), 2.5 mW Wired ControlLink
System requirements	Android 5.1 or higher Wiser App Apple iOS 10.3 or higher Wiser App Bluetooth 4.1 or higher Bluetooth Wiser Home Touch Wiser Home control
Connected auxiliaries	3 Wiser dimmers, distance : 50 m 2 smart push-button remote mechanisms
Provided equipment	User manual
Memory description	Backup memory - date and time for 6 h Backup memory - program for indefinite period
Wiring configuration	With neutral
Connections - terminals	Screw terminal
Clamping connection capacity	1.5...2.5 mm <sup>2</sup> for solid cable(s) 1.5...2.5 mm <sup>2</sup> for solid stranded cable(s)
Shape of screw head	Pozidriv No 1 and combi
Tightening torque	0.5 N.m
Material	PC (polycarbonate) GF10 FR: casing Metal: terminals
Mounting support	Wall
Device mounting	Flush
Fixing mode	Clip-in
Type of installation	Indoor installation
Quantity per set	1 carton
Embedding depth	34 mm
Depth	66 mm
Width	48 mm
Height	22 mm

## Environment

Ambient air temperature for operation	5...40 °C
Ambient air temperature for storage	5...40 °C
IP degree of protection	IP20
Relative humidity	5...90 % non-condensing
Standards	AS/NZS 60669.2.1 safety AS/NZS 60669.2.1 EMC AS/NZS 4268 radio

## Packing Units

Package 1 Weight	30.000 g
Package 1 Height	39.000 mm
Package 1 width	67.000 mm
Package 1 Length	87.000 mm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>