

Product data sheet

Specifications



1 Gang 350VA, 50Hz Full-Flat Universal Dimmer with LED, White

E8431EPD4_WE

Main

Product Or Component Type	Dimmer
Local Signalling	On: indicator light, LED (amber) Off: indicator light, LED (blue)
Additional Information	With memory push
[Ue] Rated Operational Voltage	220...240 V AC 50 Hz
Material	Brass: metal parts Polycarbonate: plastic part Steel: metal parts
Cover Frame Colour Tint	White

Complementary

Wiring Device Mounting	Flush Surface
Clamping Connection Capacity	2 x 4 mm² for solid cable(s) 2 x 4 mm² for stranded cable(s) 3 x 2.5 mm² for solid cable(s) 3 x 2.5 mm² for stranded cable(s)
Rated Operational Power In Va	350 VA
Number Of Gangs	1 gang
Load Type	LV halogen Incandescent lamp
Embedding Depth	6 mm
Width	87 mm
Height	87 mm
Depth	35 mm

Environment

Maximum Ambient Air Temperature For Operation	40 °C
Relative Humidity	10...95 %
Ambient Air Temperature For Storage	0...60 °C
Standards	IEC 60669-2-1

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.5 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Width	8.7 cm
Package 1 Length	8.7 cm
Package 1 Weight	150.25 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	9.5 cm
Package 2 Width	15 cm
Package 2 Length	19 cm
Package 2 Weight	901.5 g
Unit Type Of Package 3	CAR
Number Of Units In Package 3	60
Package 3 Height	21 cm
Package 3 Width	32.5 cm
Package 3 Length	50 cm
Package 3 Weight	9015 g

Contractual warranty

Warranty	18 months
----------	-----------

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



RoHS Exemption Information

Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu RoHS Directive

Compliant with Exemptions

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations