

ALU-LINE

Innovative LED lighting for industry and IT applications



The ALU-LINE system luminaires provides effective lighting in enclosures for industrial and IT applications. Their aluminium housing makes them particularly high-quality and stable.

The ALU-LINE luminaire offers an integrated socket as a practical additional benefit. This is available in EU, CH, BE, GB or US versions. Versions without socket are also available.

The High Power LED illuminates with 1350 lumens and provides a balanced homogeneous area light. Another advantage is that the through-wiring of several luminaires is possible.

A door operated switch is available as an option.

UL Certificates:

[UL-US-2442933-0 \(USA\)](#)

[UL-CA-2432446-0 \(Canada\)](#)

IP20

Made in Germany

UL US

CE

UK CA

RoHS compliant

REACH COMPLIANCE

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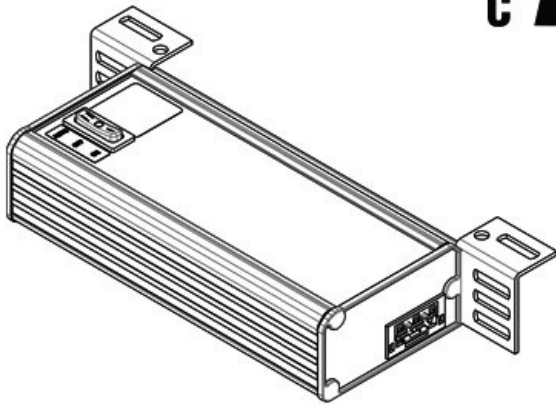
Specifications

IP rating (EN 60529)	IP20
Protection class	I (Protective conductor connection)
Material	Enclosure: Aluminium, extruded Luminaire cover: Polycarbonate
Flame class	
Operating temperature	-20 C° to 50 C°
Mounting options	Screw type mounting

Product types & sizes

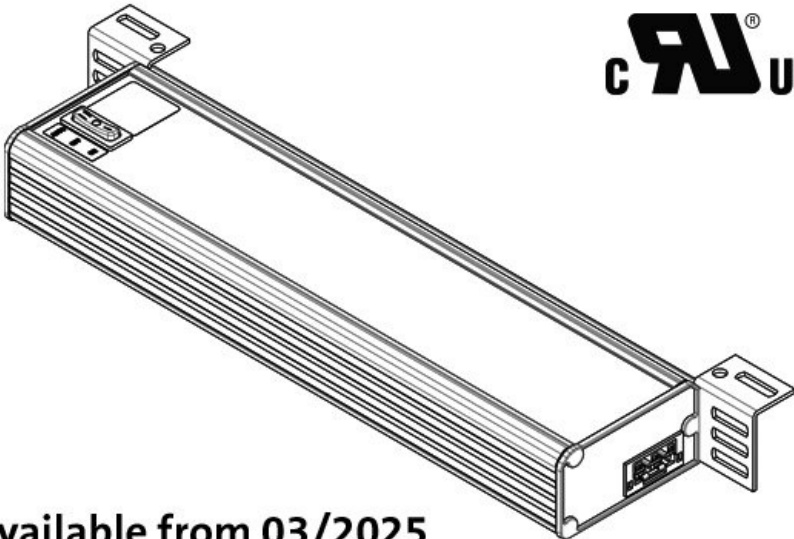
Advantages & benefits

- Integrated socket available in different versions: EU, CH, BE, GB and US
- High-quality and stable aluminium housing
- Various mounting types: screw assembly and assembly on top-hat rail 35 mm
- Effective LED lighting with 1350 lm
- Available with motion sensor
- Door operated switch available as an option
- Through-wiring of several luminaires possible



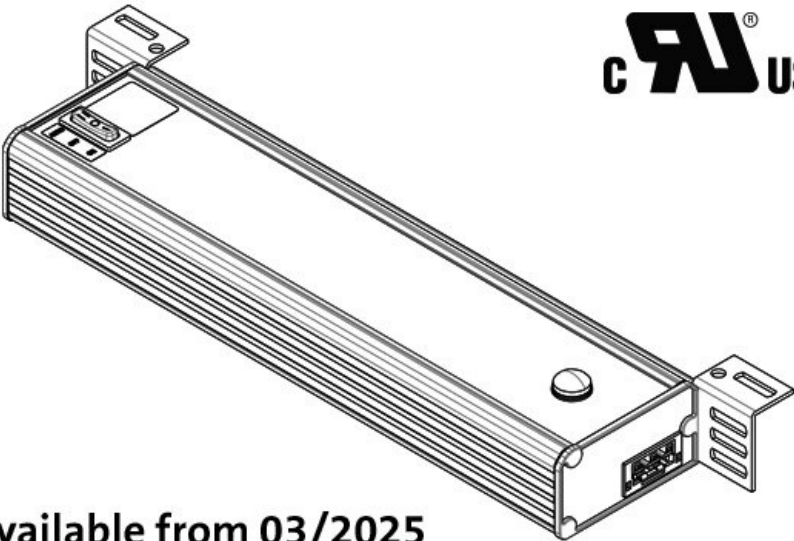
Available from 03/2025

Part No.	81404	Connection possibilities	Door operated switch, Through-wiring, Feed-in
EAN			
Package quantity	1		
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Connector type	WAGO 770
Length	197,2 mm	Rated power	6 W
Height	48 mm	Operating voltage	100 - 240 V AC ±5%, 50 - 60 Hz
Width	112,6 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	900 lm



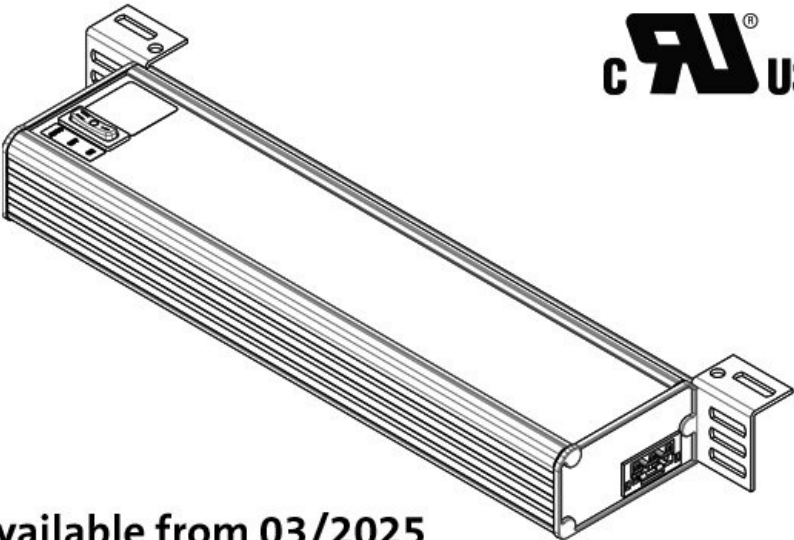
Available from 03/2025

Part No.	81403	Connection possibilities	Feed-in, Through-wiring, Door operated switch
EAN			
Package quantity	1		
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Connector type	WAGO 770
Length	347,2 mm	Rated power	9 W
Height	48 mm	Operating voltage	100 - 240 V AC ±5%, 50 - 60 Hz
Width	112,6 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.280 lm



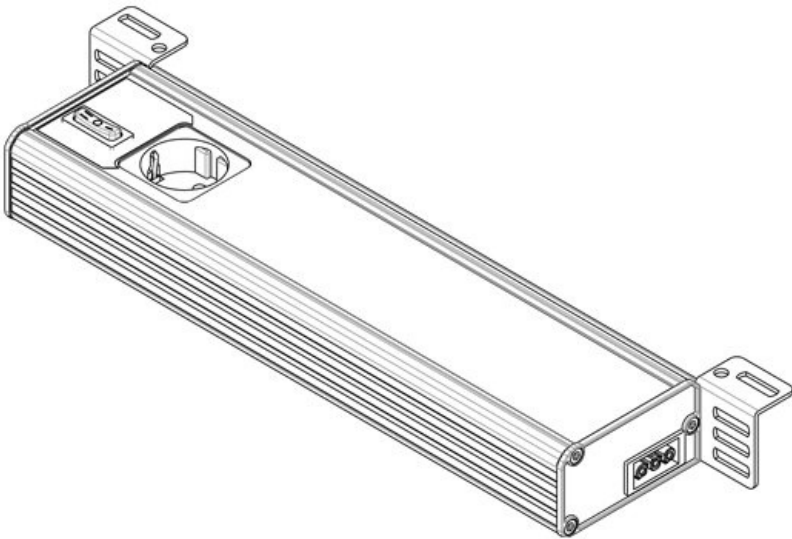
Available from 03/2025

Part No.	81401	Version	PIR motion detector
EAN			Feed-in,
Package quantity	1	Connection possibilities	Through-wiring
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Connector type	WAGO 770
Length	347,2 mm	Rated power	9 W
Height	48 mm	Operating voltage	100 - 240 V AC ±5%, 50 - 60 Hz
Width	112,6 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.280 lm

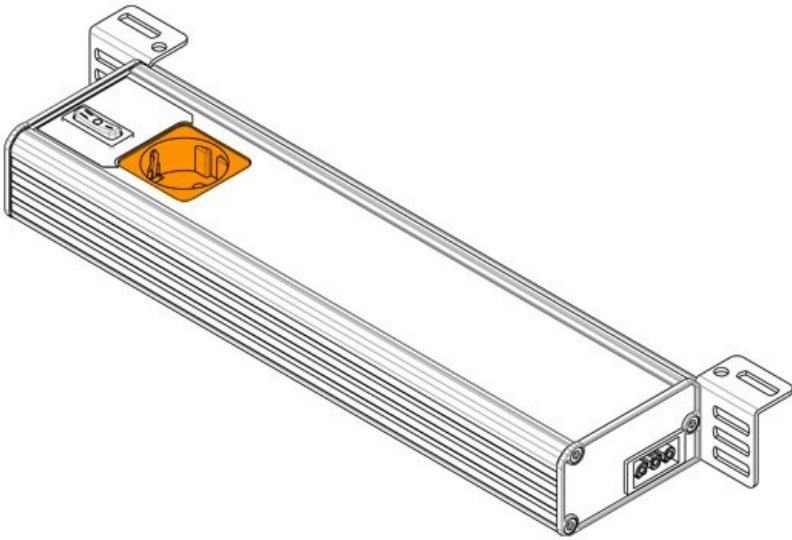


Available from 03/2025

Part No.	81408	Connection possibilities	Feed-in, Through-wiring, Door operated switch
EAN			WAGO 770
Package quantity	1	Connector type	
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Rated power	9 W
Length	347,2 mm	Operating voltage	120 V AC ±5%, 50 - 60 Hz
Height	48 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
Width	112,6 mm	Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.280 lm

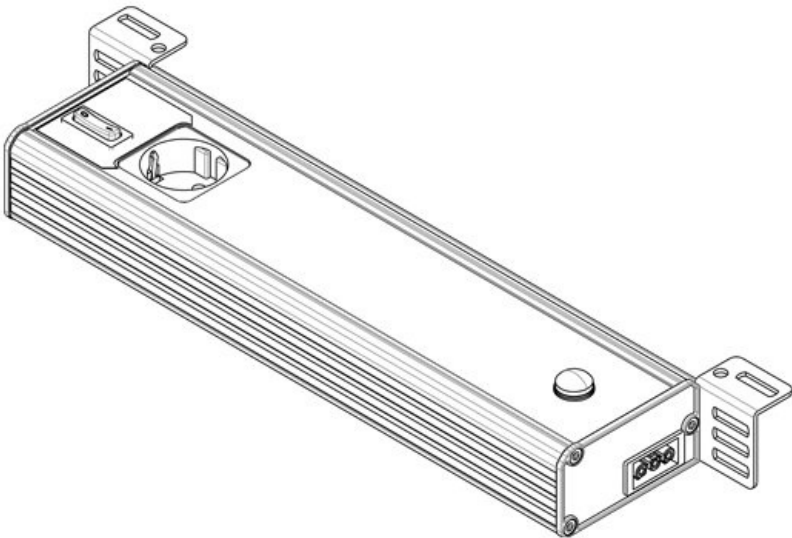


Part No.	81300	Connection possibilities	Door operated switch, Through-wiring, Feed-in
EAN	4251269332883		
Package quantity	1		
Length	347,2 mm		
Height	48 mm	Connector type	GST 18 socket
Width	112,6 mm	Rated power	12 W
Version	Socket D/Schuko (Type F, CEE 7/3)	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm



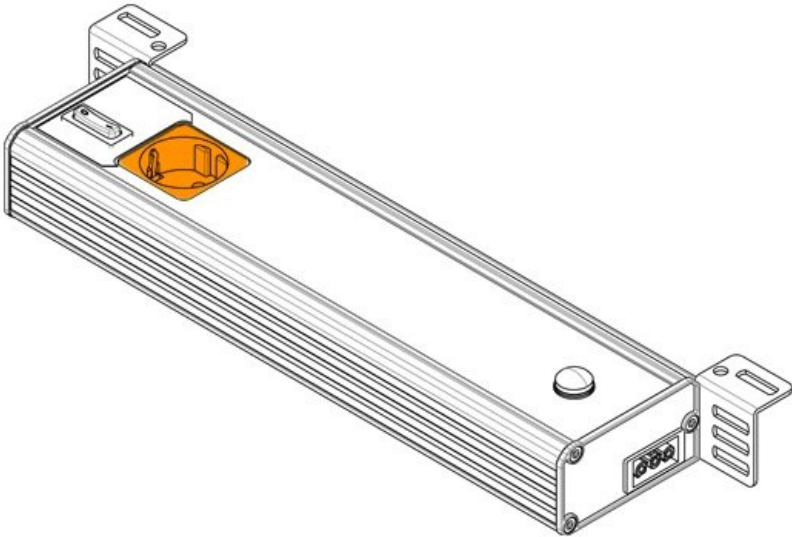
Part No.	81308	Connection possibilities	Door operated switch, Through-wiring, Feed-in
EAN	4251269335273		
Package quantity	1		
Length	347,2 mm		
Height	48 mm	Connector type	GST 18 socket
Width	112,6 mm	Rated power	12 W
Version	Socket D/Schuko (Type F, CEE 7/3)	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

ALU-LINE 350 | EU with motion sensor

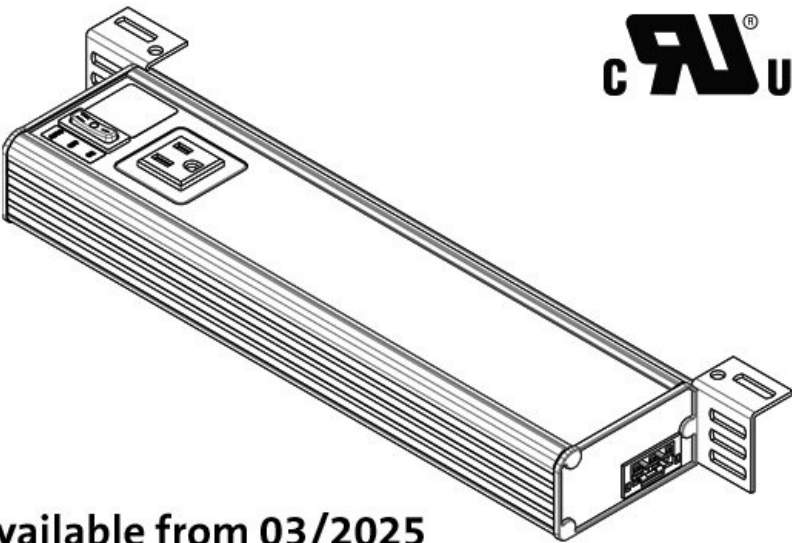


Part No.	81304	Connection possibilities	Feed-in, Through-wiring
EAN	4251269332920	Connector type	GST 18 socket
Package quantity	1	Rated power	12 W
Length	347,2 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Height	48 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
Width	112,6 mm	Guidelines	2014/35/EU, 2014/30/EU
Version	Socket D/Schuko (Type F, CEE 7/3), PIR motion detector	Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

ALU-LINE 350 | EU orange with motion sensor

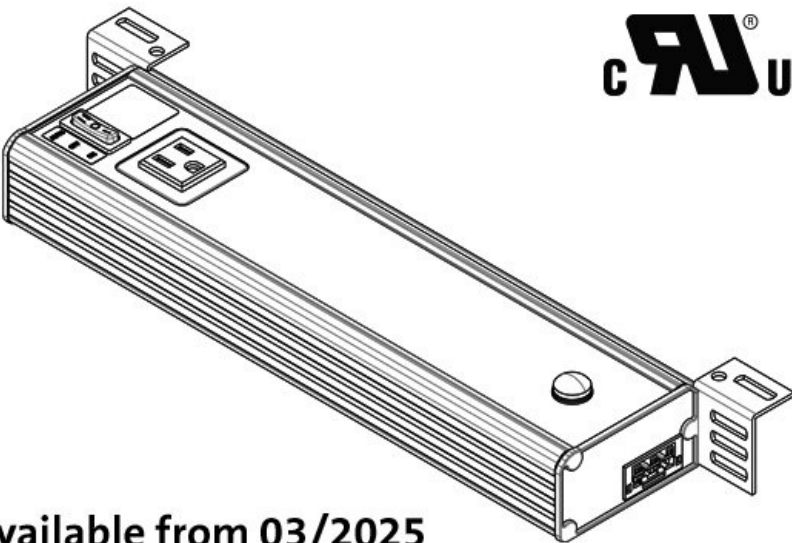


Part No.	81309	Connection possibilities	Feed-in, Through-wiring
EAN	4251269335280	Connector type	GST 18 socket
Package quantity	1	Rated power	12 W
Length	347,2 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Height	48 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
Width	112,6 mm	Guidelines	2014/35/EU, 2014/30/EU
Version	Socket D/Schuko (Type F, CEE 7/3), PIR motion detector	Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm



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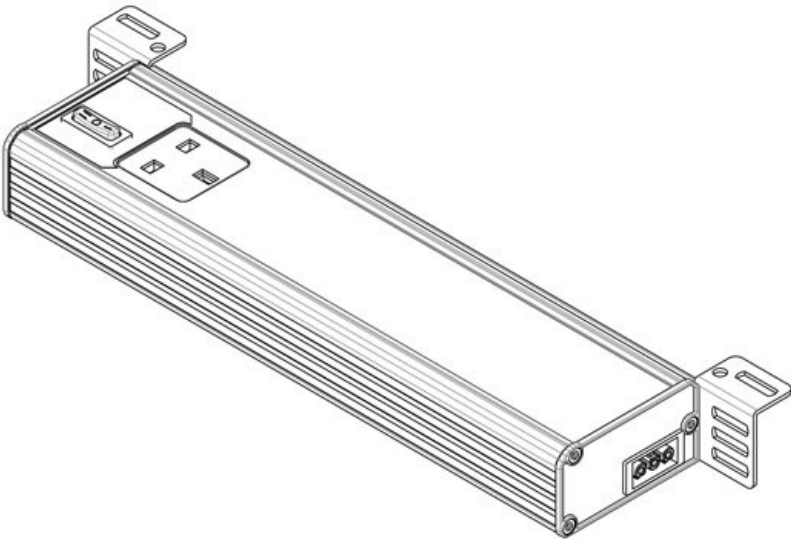
Part No.	81402	Version	Socket US
EAN			(Type B
Package quantity	1		NEMA 5)
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Connection possibilities	Door operated switch, Through-wiring, Feed-in
Length	347,2 mm	Connector type	WAGO 770
Height	48 mm	Rated power	9 W
Width	112,6 mm	Operating voltage	125 V AC ±5%, 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.280 lm



Available from 03/2025

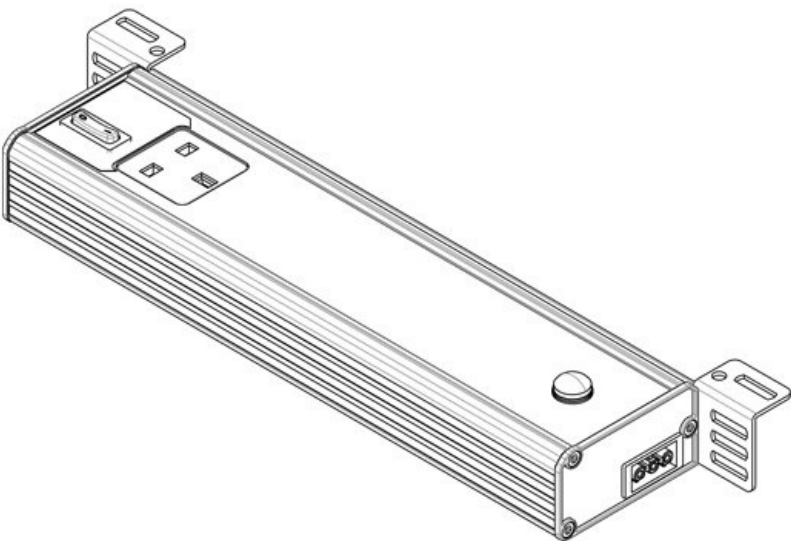
Part No.	81400	Version	PIR motion detector,
EAN	4251269333 477		Socket US
Package quantity	1		(Type A
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0	Connection possibilities	NEMA 5) Feed-in, Through-wiring
Length	347,2 mm	Connector type	WAGO 770
Height	48 mm	Rated power	9 W
Width	112,6 mm	Operating voltage	125 V AC ±5%, 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.280 lm

ALU-LINE 350 | GB

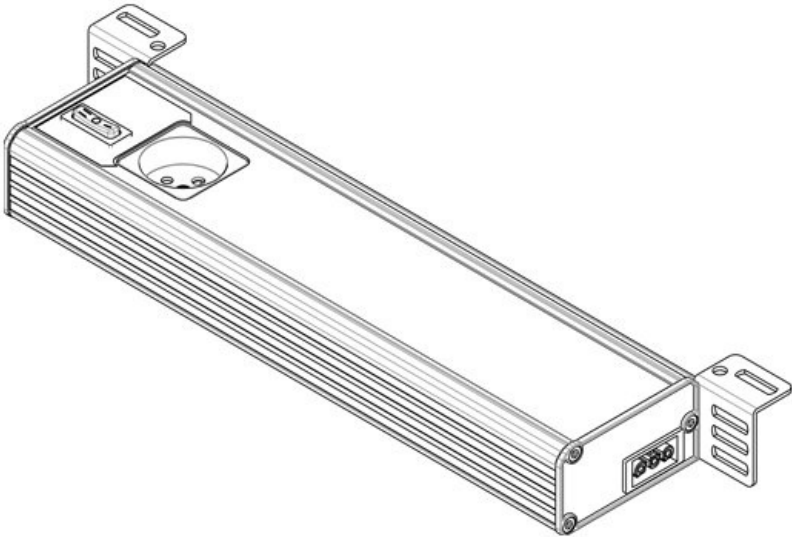


Part No.	81303	Connection possibilities	Door operated switch, Through-wiring, Feed-in
EAN	4251269332913		
Package quantity	1		
Length	347,2 mm		
Height	48 mm	Connector type	GST 18 socket
Width	112,6 mm	Rated power	12 W
Version	Socket GB (Type G, BS 1363)	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

ALU-LINE 350 | GB with motion sensor

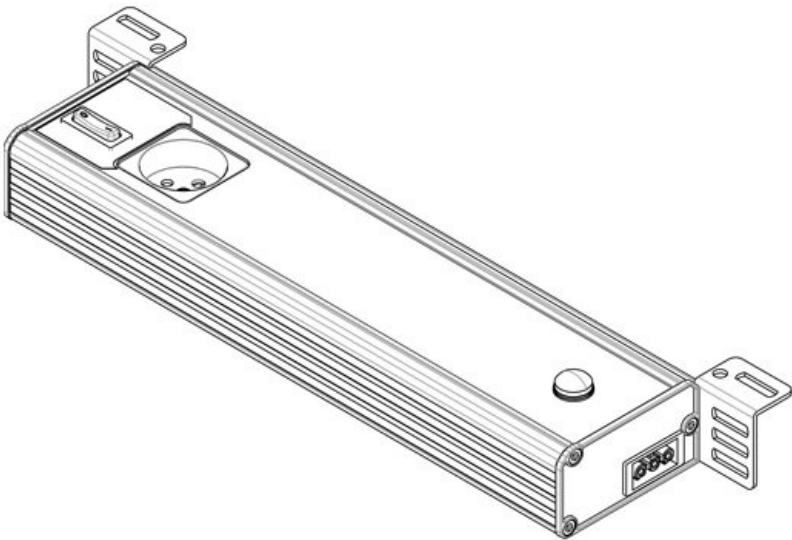


Part No.	81307	Connection possibilities	Feed-in, Through-wiring
EAN	4251269332951		
Package quantity	1	Connector type	GST 18 socket
Length	347,2 mm	Rated power	12 W
Height	48 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Width	112,6 mm		
Version	Socket GB (Type G, BS 1363), PIR motion detector	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

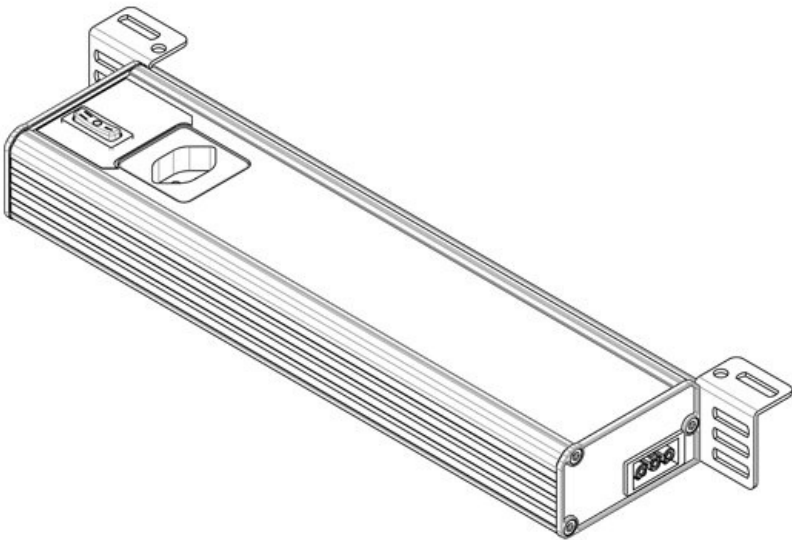


Part No.	81301	Connection possibilities	Door operated switch,
EAN	4251269332890		Through-wiring, Feed-in
Package quantity	1	Connector type	GST 18 socket
Length	347,2 mm	Rated power	12 W
Height	48 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Width	112,6 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
Version	Socket F/B (Type E, CEE 7/5)	Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

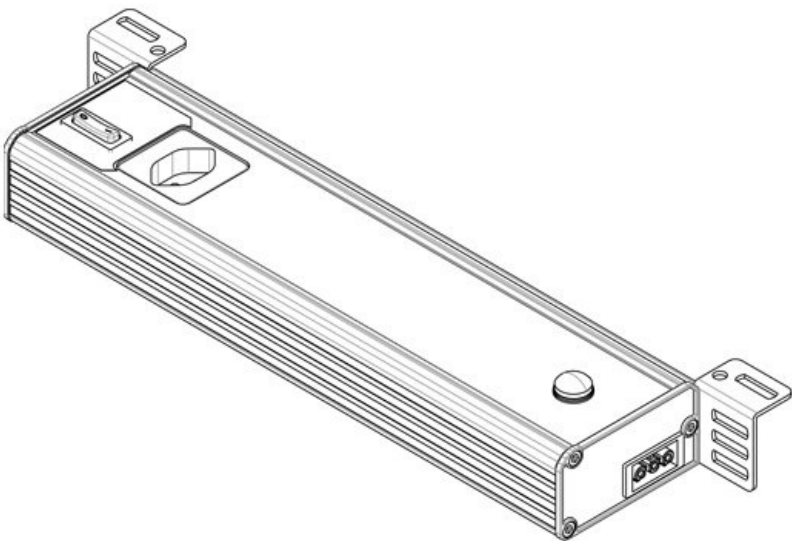
ALU-LINE 350 | BE with motion sensor



Part No.	81305	Connection possibilities	Feed-in, Through-wiring
EAN	4251269332937		
Package quantity	1	Connector type	GST 18 socket
Length	347,2 mm	Rated power	12 W
Height	48 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Width	112,6 mm	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
Version	PIR motion detector, Socket F/B (Type E, CEE 7/5)	Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm



Part No.	81302	Connection possibilities	Door operated switch, Through-wiring, Feed-in
EAN	4251269332906		
Package quantity	1		
Length	347,2 mm		
Height	48 mm	Connector type	GST 18 socket
Width	112,6 mm	Rated power	12 W
Version	Socket CH (Type J, SEV 1011)	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
		Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm



Part No.	81306	Connection possibilities	Feed-in, Through-wiring
EAN	4251269332944		
Package quantity	1	Connector type	GST 18 socket
Length	347,2 mm	Rated power	12 W
Height	48 mm	Operating voltage	230 V AC +/-5%, 50 - 60 Hz
Width	112,6 mm		
Version	PIR motion detector, Socket CH (Type J, SEV 1011)	Test standard	EN 60598, EN 62471, EN 55015, EN 61000
		Guidelines	2014/35/EU, 2014/30/EU
		Service life	50.000 h
		Energy efficiency class	F
		Consumption kWh/1000 h	13
		Colour temperature	5.600 K
		Colour rendering index CRI	>80
		Luminous flux	1.350 lm

Connecting cable for ALU-LINE, 3000 mm



Part No.	81330	Material cable	PVC
EAN	4251269332	sheath	
	968		
Package quantity	1		
Length connecting cable	3.000 mm		
Connector type	Ferrules, GST 18 connector		
Operating voltage	230 V AC ±5%, 50 - 60 Hz		
Colour	orange		

Connecting cable for ALU-LINE (UL/CSA), 3000 mm



Part No.	81430	Colour	orange
EAN		Material cable	PVC
Package quantity	1	sheath	
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0		
Length connecting cable	3.000 mm		
Connector type	Ferrules, WAGO 770		
Operating voltage	100 - 240 V AC ±5%, 50 - 60 Hz		

Available from 03/2025

Through-wiring cable for ALU-LINE, 600 mm



Part No.	81331	Material cable	PVC
EAN	4251269332	sheath	
Package quantity	975		
Length connecting cable	1		
Connector type	600 mm		
Operating voltage	GST 18 connector, GST 18 socket		
Colour	230 V AC ±5%, 50 - 60 Hz		
	orange		

Through-wiring cable for ALU-LINE (UL/CSA), 600 mm



Part No.	81431	Colour	orange
EAN		Material cable	PVC
Package quantity	1	sheath	
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0		
Length connecting cable	600 mm		
Connector type	WAGO 770		
Operating voltage	100 - 240 V AC ±5%, 50 - 60 Hz		

Available from 03/2025

Through-wiring cable for ALU-LINE, 1000 mm



Part No.	81332	Material cable	PVC
EAN	4251269332	sheath	982
Package quantity	1		
Length connecting cable	1.000 mm		
Connector type	GST 18 connector, GST 18 socket		
Operating voltage	230 V AC		
	±5%, 50 - 60 Hz		
Colour	orange		

Through-wiring cable for ALU-LINE (UL/CSA), 1000 mm

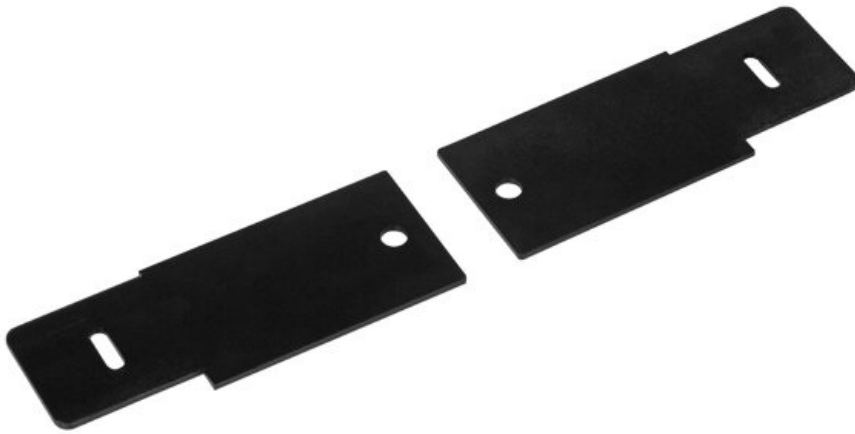


Part No.	81432	Colour	orange
EAN		Material cable	PVC
Package quantity	1	sheath	
UL Certificate	UL-US-2442933-0 / UL-CA-2432446-0		
Length connecting cable	1.000 mm		
Connector type	WAGO 770		
Operating voltage	100 - 240 V AC		
	±5%, 50 - 60 Hz		

Available from 03/2025

Mounting plates 19" rack for ALU-LINE

Part No.	81337	Diam. of screw 7 mm
EAN		holes
Package quantity	2	
Length	111 mm	
Width	43,4 mm	
Colour	black	
No. of screw holes	2	



Mounting magnet for ALU-LINE

Part No.	91008	Diam. of screw 4,2 mm
EAN		holes
Package quantity	1	
Length	20 mm	
Height	5 mm	
Width	20 mm	
No. of screw holes	1	

