ALLIO

Compact LED lighting for industry and IT applications

With its compact design and 190° rotating tube, the ALLIO system luminaire offers space-saving lighting for enclosures. This also enables easy retrofitting in existing enclosures.

The High Power LED illuminates with 1050 lumens and offers a service life of 50,000 hours. The opal white polycarbonate tube provides a homogeneous, glare-free area light.

A door operated switch is available as an option.

UL Certificates:

UL-US-2442933-0 (USA)
UL-CA-2432446-0 (Canada)

IP20 | IK07 | IK08 | RoHS compliant | REACH COMPLIANCE | Made in Germany

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Specifications

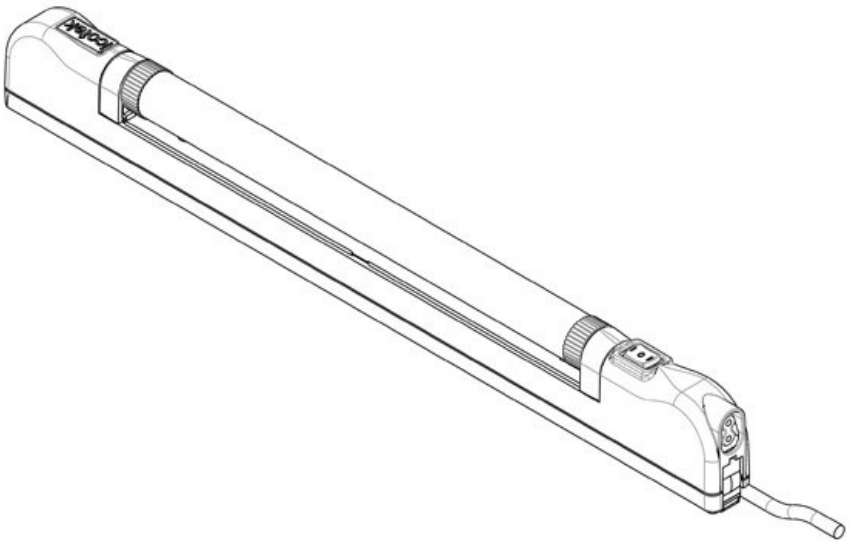
IP rating (EN 60529)	IP20
Protection class	II (Protective insulation)
Material	Tube: Polycarbonate Enclosure: Polycarbonate
Flame class	
Operating temperature	-20 C° to 50 C°
Mounting options	Screw type mounting,Magnetic attachment,Clip attachment (patented)

Advantages & benefits

- Compact design with 190° rotating LED tube
- Various mounting types: with magnets, screw assembly or snap-in assembly in the 19" server rack
- Easy retrofitting in existing enclosures
- Effective LED lighting with 1050 lumens
- Available with motion sensor
- Door operated switch available as an option

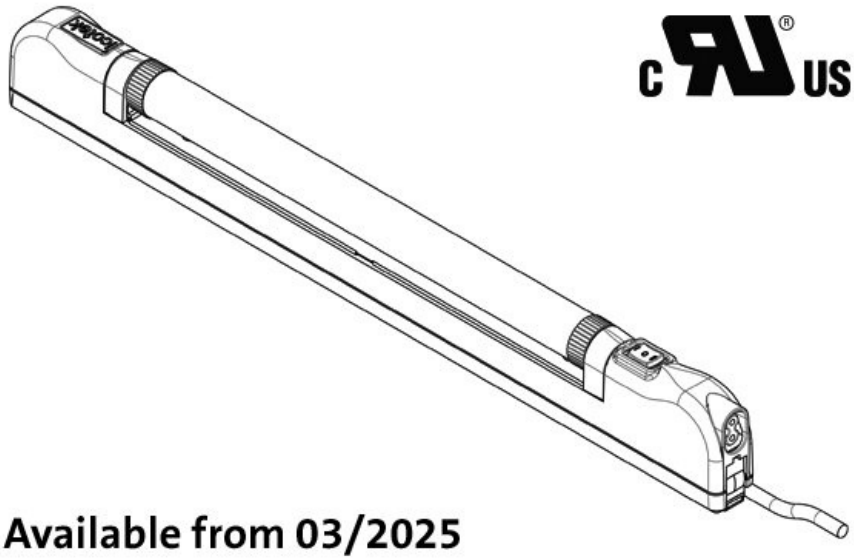
Product types & sizes

ALLIO 24 V DC



Part No.	**81100**	Length connecting cable	**3.000 mm**
EAN	**4251269333019**	Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**-**	Connector type	**Ferrules**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**24 V DC**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

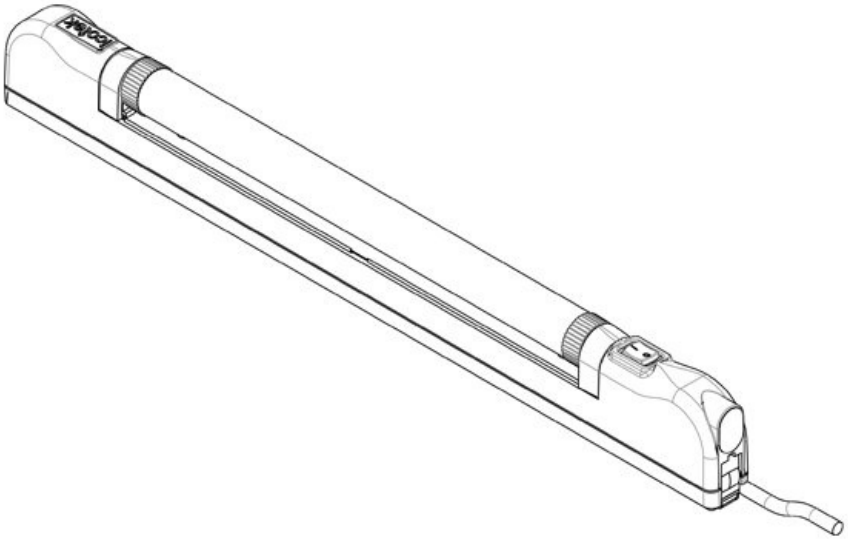
ALLIO 24 V DC UL/CSA



Available from 03/2025

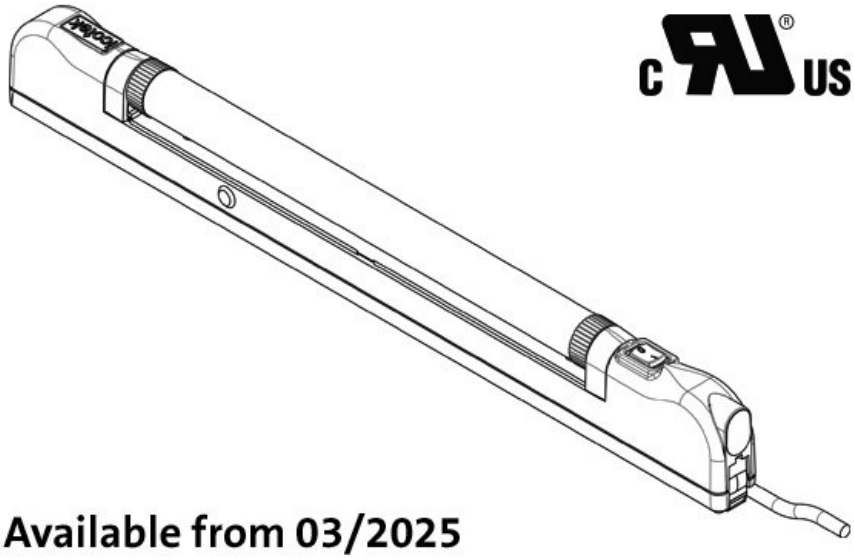
Part No.	**81202**	Length connecting cable	**3.000 mm**
EAN		Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**UL-US-2442933-0 / UL-CA-2432446-0**	Connector type	**Ferrules**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**24 V DC ±5%**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 24 V DC with motion sensor



Part No.	**81101**	Length connecting cable	**3.000 mm**
EAN	**4251269333026**	Version	**PIR motion detector**
Package quantity	**1**	Connector type	**Ferrules**
UL Certificate	**-**	Rated power	**8 W**
Length	**448 mm**	Operating voltage	**24 V DC**
Height	**56,5 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
Width	**26,2 mm**	Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

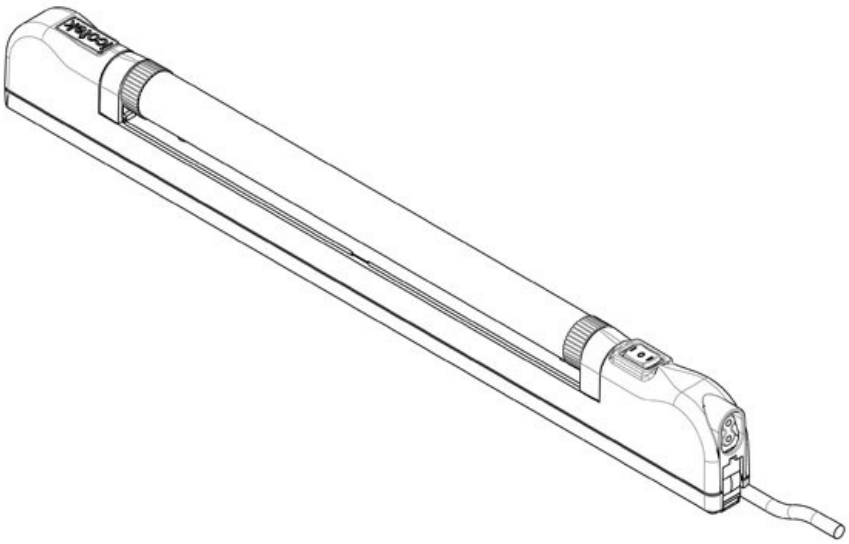
ALLIO 24 V DC UL/CSA with motion sensor



Available from 03/2025

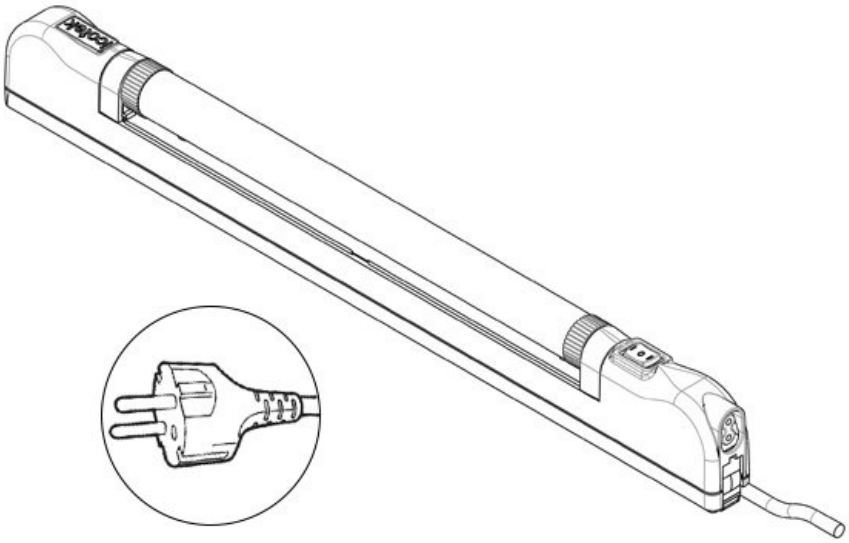
Part No.	**81203**	Length connecting cable	**3.000 mm**
EAN		Version	**PIR motion detector**
Package quantity	**1**	Connector type	**Ferrules**
UL Certificate	**UL-US-2442933-0 / UL-CA-2432446-0**	Rated power	**8 W**
Length	**448 mm**	Operating voltage	**24 V DC ±5%**
Height	**56,5 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
Width	**26,2 mm**	Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 230 V AC



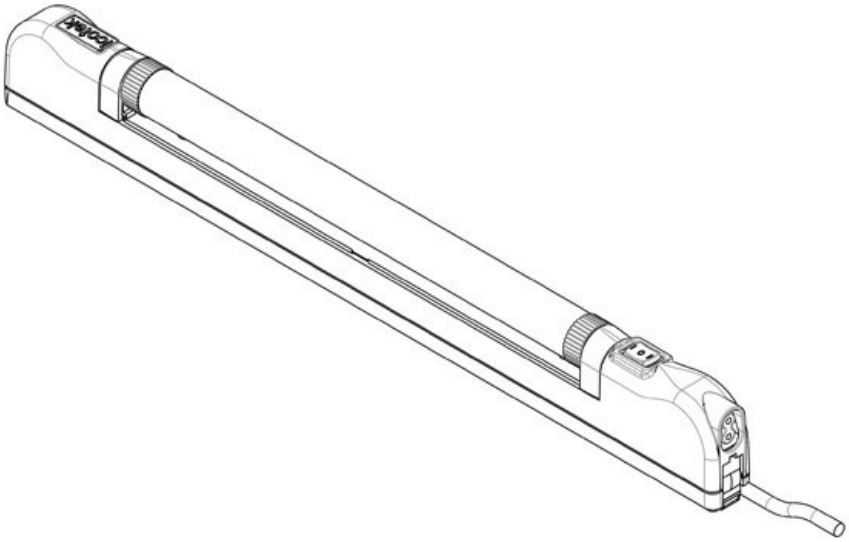
Part No.	**81102**	Length connecting cable	**3.000 mm**
EAN	**4251269333033**	Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**-**	Connector type	**Ferrules**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**220 - 240 V AC, 50 - 60 Hz**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 230 V AC



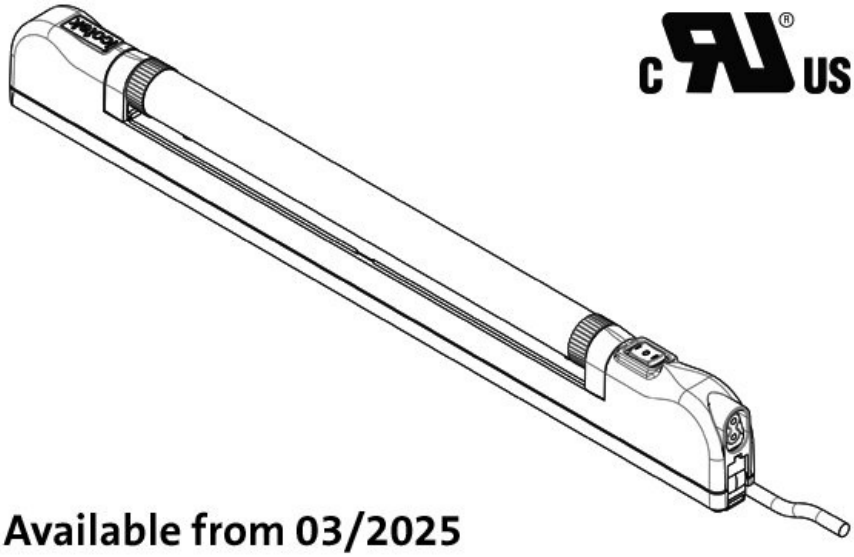
Part No.	**81103**	Length connecting cable	**1.500 mm**
EAN	**4251269333040**	Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**-**	Connector type	**Plug CEE 7/17**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**220 - 240 V AC, 50 - 60 Hz**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 100-240 V AC



Part No.	**81104**	Length connecting cable	**3.000 mm**
EAN	**4251269333057**	Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**-**	Connector type	**Ferrules**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**100 - 240 V AC, 50 - 60 Hz**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

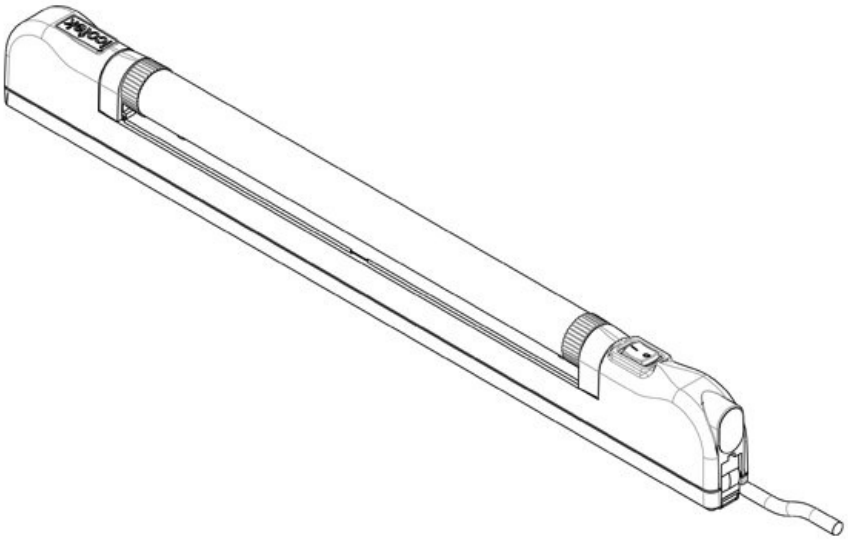
ALLIO 100-240 V AC UL/CSA



Available from 03/2025

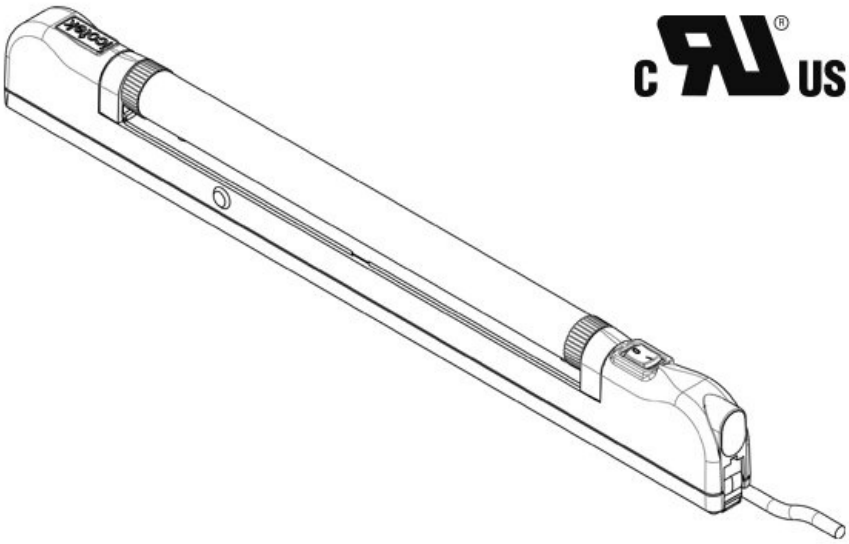
Part No.	**81200**	Length connecting cable	**3.000 mm**
EAN		Version	**Standard**
Package quantity	**1**	Connection possibilities	**Door operated switch**
UL Certificate	**UL-US-2442933-0 / UL-CA-2432446-0**	Connector type	**Ferrules**
Length	**448 mm**	Rated power	**8 W**
Height	**56,5 mm**	Operating voltage	**100 - 240 V AC, 50 - 60 Hz**
Width	**26,2 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
		Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 100-240 V AC with motion sensor



Part No.	**81105**	Length connecting cable	**3.000 mm**
EAN	**4251269333064**	Version	**PIR motion detector**
Package quantity	**1**	Connector type	**Ferrules**
UL Certificate	**-**	Rated power	**8 W**
Length	**448 mm**	Operating voltage	**100 - 240 V AC, 50 - 60 Hz**
Height	**56,5 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
Width	**26,2 mm**	Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

ALLIO 100-240 V AC UL/CSA with motion sensor



Part No.	**81201**	Length connecting cable	**3.000 mm**
EAN		Version	**PIR motion detector**
Package quantity	**1**	Connector type	**Ferrules**
UL Certificate	**UL-US-2442933-0 / UL-CA-2432446-0**	Rated power	**8 W**
Length	**448 mm**	Operating voltage	**100 - 240 V AC, 50 - 60 Hz**
Height	**56,5 mm**	Test standard	**EN 60598, EN 55015, EN 61000, EN 62741**
Width	**26,2 mm**	Guidelines	**2014/35/EU, 2014/30/EU**
		Service life	**50.000 h**
		Energy efficiency class	**E**
		Colour temperature	**5.600 K**
		Colour rendering index CRI	**> 80**
		Luminous flux	**1.000 lm**
		Colour	**grey (similar RAL 7035)**

Faceplate for 19" rack bk

Part No.	**81135**	No. of screw holes	**4**
EAN	**4251269333101**	Diam. of screw holes	**6,5 mm**
Package quantity	**1**		
Length	**484 mm**		
Height	**6 mm**		
Width	**44 mm**		
Colour	**black**		

Faceplate for 19" rack gy

Part No.	**81134**	No. of screw holes	**4**
EAN	**4251269333095**	Diam. of screw holes	**6,5 mm**
Package quantity	**1**		
Length	**484 mm**		
Height	**6 mm**		
Width	**44 mm**		
Colour	**grey (similar RAL 7035)**		

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