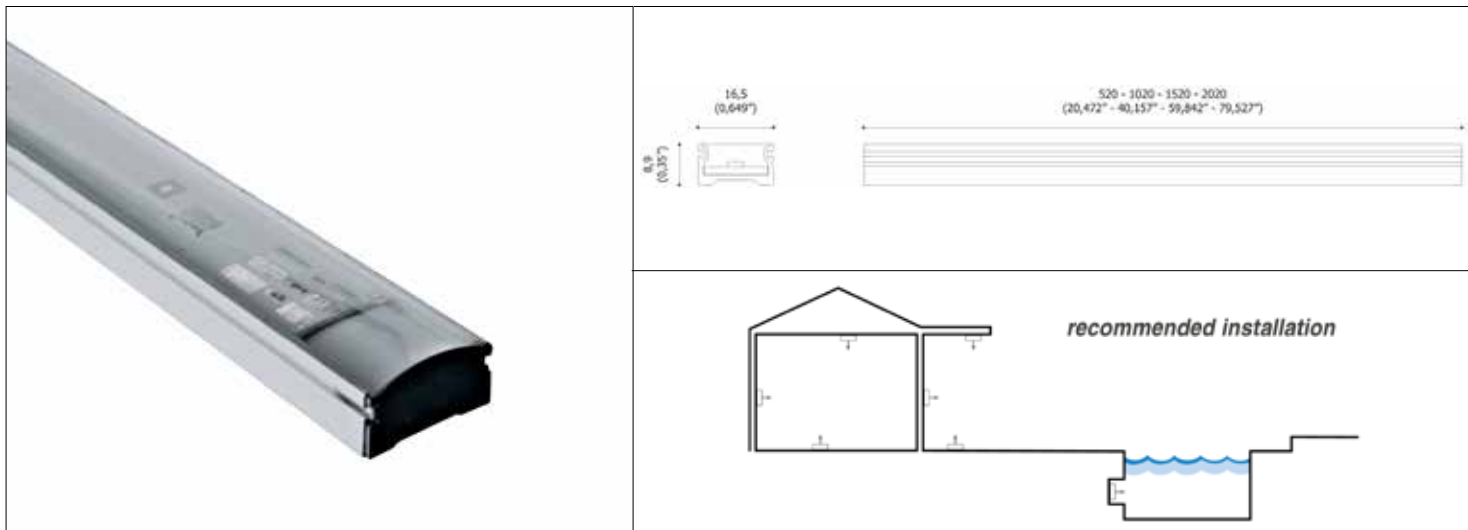


FILO Monochromatic Mid Power LED DATA-SHEET



PRODUCT DESCRIPTION:

Professional linear lighting system for direct and indirect lighting suitable for indoor and outdoor settings. Body finished aluminium with transparent resin. UV resistance of all materials.

TECHNICALS FEATURES:

Materials	Aluminium extrusion alloy UNI 6060; transparent resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	12 W/m
Light Source	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
Pitch	20 mm (0,787")
Color Temperature	2700K ; 3000K ; 3300K ; 3700K ; 5200K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
Optics	Transparent diffuser
Tc metal body	< 90 °C (194 °F)
Ta operating temperature	- 30 ÷ 50 °C (-22 ÷ 122 °F)
Ts surface temperature	≤ 65 °C (149 °F)
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+1xAWG20 (Violet) L. 1m (3,28 ft).
Weigth	250 g/m
Installations	Ground Wall or Ceiling surface mounted
Norms	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08



NOTE: Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power. Photometric data available at www.aldabra.it

FILO Monochromatic Mid Power LED DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
FIL.01.XXXXX.X	6	520 (20,472")	20 (0,787")
FIL.02.XXXXX.X	12	1020 (40,157")	20 (0,787")
FIL.03.XXXXX.X	18	1520 (59,842")	20 (0,787")
FIL.04.XXXXX.X	24	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

FIL.XX.TXXXX.X	Transparent diffuser 94°
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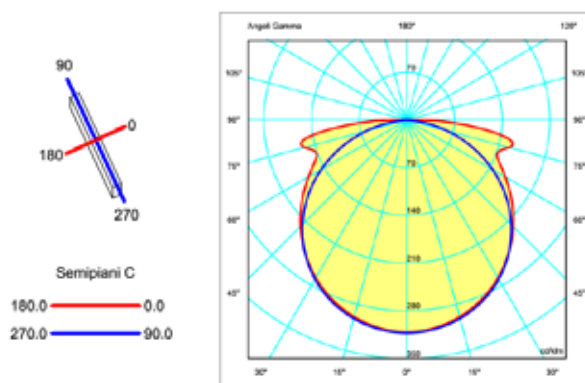
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
FIL.XX.X27XX.X	2700K warm white	600	>80	MacAdam 3-step
FIL.XX.X30XX.X	3000K warm white	680	>80	MacAdam 3-step
FIL.XX.X33XX.X	3300K warm white	780	>80	MacAdam 3-step
FIL.XX.X37XX.X	3700K neutral white	780	>80	MacAdam 3-step
FIL.XX.X52XX.X	5200K cool white	900	>80	MacAdam 3-step

*delivered luminous flux

FINISHES FEATURES:

FIL.XX.XXXA1.X	Anodized Aluminum
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transparent diffuser 94°
Mid Power LED

GENERAL INFORMATIONS:

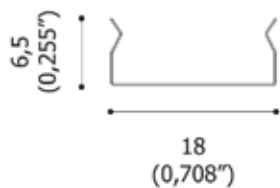
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FILO Monochromatic Mid Power LED DATA-SHEET

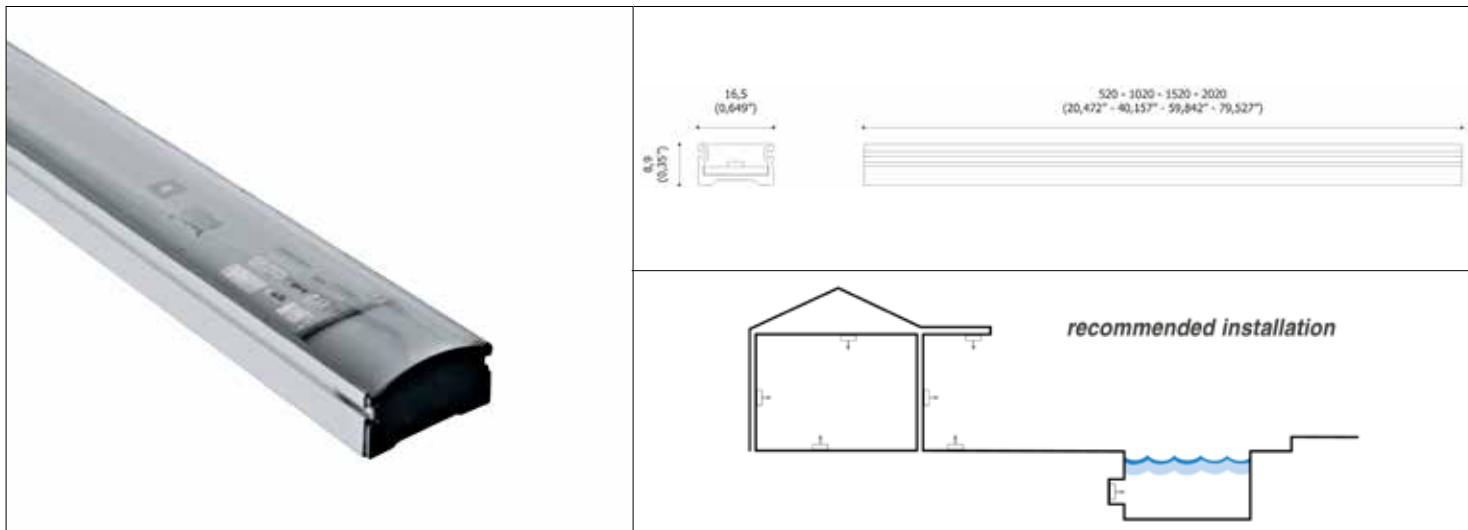
ACCESSORIES:

ACC.0046.0

stainless steel fixing spring - 5 pieces package



FILO Monochromatic Power LED DATA-SHEET

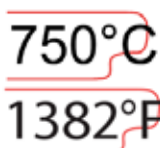


PRODUCT DESCRIPTION:

Professional linear lighting system for direct and indirect lighting suitable for indoor and outdoor settings. Body finished aluminium with transparent resin. UV resistance of all materials.

TECHNICALS FEATURES:

Materials	Aluminium extrusion alloy UNI 6060; transparent resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	12 W/m (pitch 100 mm) ; 24 W/m (pitch 50 mm)
Light Source	Power LED 105-130 lm/W LM 80 COMPLIANT
Pitch	100 mm (3,937") ; 50 mm (1,968")
Color Temperature	2700K ; 3000K ; 4000K
Ra	> 80
Chromatic Selection	Mac-Adam 2-step
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
Optics	Transparent diffuser
Tc metal body	< 90 °C (194 °F)
Ta operating temperature	- 30 ÷ 50 °C (-22 ÷ 122 °F)
Ts surface temperature	≤ 65 °C (149 °F)
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+1xAWG20 (Violet) L. 1m (3,28 ft).
Weigth	250 g/m (2,68 oz/ft)
Installations	Ground Wall or Ceiling surface mounted
Norms	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08



NOTE:

Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power. Photometric data available at www.aldabra.it

FILO Monochromatic Power LED DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
FIL.05.XXXXX.X	6	520 (20,472")	100 (3,937")
FIL.06.XXXXX.X	12	1020 (40,157")	100 (3,937")
FIL.07.XXXXX.X	18	1520 (59,842")	100 (3,937")
FIL.08.XXXXX.X	24	2020 (79,527")	100 (3,937")
FIL.09.XXXXX.X	12	520 (20,472")	50 (1,968")
FIL.10.XXXXX.X	24	1020 (40,157")	50 (1,968")
FIL.11.XXXXX.X	35	1520 (59,842")	50 (1,968")
FIL.12.XXXXX.X	47	2020 (79,527")	50 (1,968")

OPTICAL FEATURES:

FIL.XX.TXXXX.X	Transparent diffuser 94°
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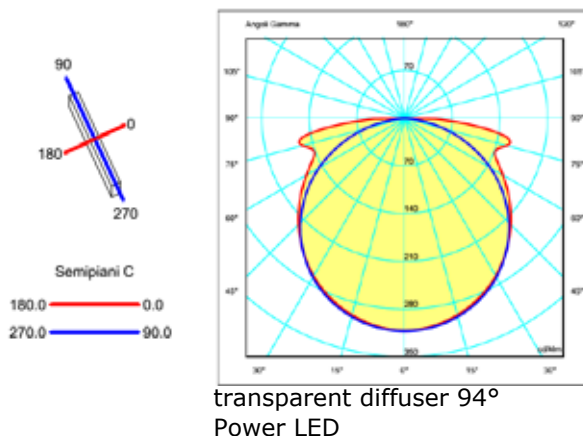
LIGHT FEATURES:

	Power LED	lm/m* (pitch 100)	lm/m* (pitch 50)	Ra	Chromatic selection
FIL.XX.X27XX.X	2700K warm white	870	1738	>80	MacAdam 2-step
FIL.XX.X30XX.X	3000K warm white	910	1822	>80	MacAdam 2-step
FIL.XX.X40XX.X	4000K neutral white	996	1992	>80	MacAdam 2-step

*delivered luminous flux

FINISHES FEATURES:

FIL.XX.XXXA1.X	Anodized Aluminum
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GENERAL INFORMATIONS:

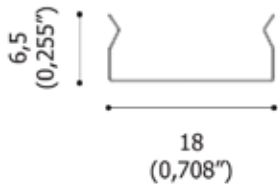
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FILO Monochromatic Power LED DATA-SHEET

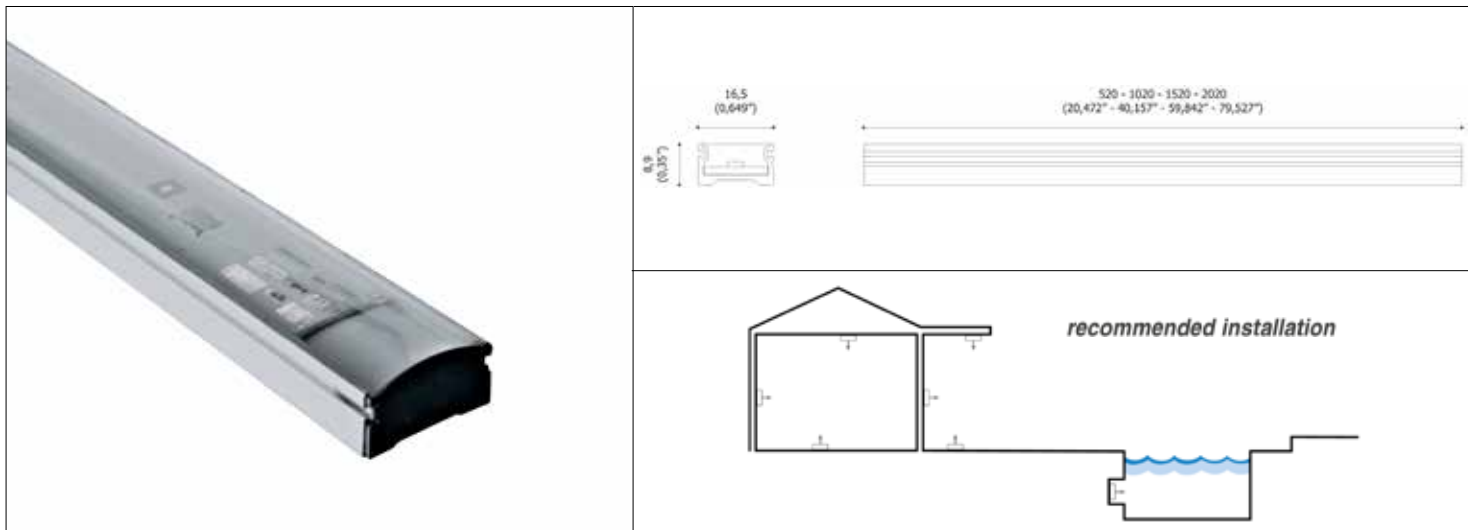
ACCESSORIES:

ACC.0046.0

stainless steel fixing spring - 5 pieces package



FILO RGB DATA-SHEET



PRODUCT DESCRIPTION:

Professional linear lighting system for direct and indirect lighting suitable for indoor and outdoor settings. Body finished aluminium with transparent resin. UV resistance of all materials.

TECHNICALS FEATURES:

Materials	Aluminium extrusion alloy UNI 6060; transparent resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	15 W/m
Light Source	Signal LED LM 80 COMPLIANT
Pitch	20 mm (0,787")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Ra	> 80
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
Optics	Transparent diffuser
Tc metal body	< 90 °C (194 °F)
Ta operating temperature	- 30 ÷ 50 °C (-22 ÷ 122 °F)
Ts surface temperature	≤ 65 °C (149 °F)
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+3xAWG20 (R/b, G/b, B/b) L. 1 m (3,28 ft).
Weigth	250 g/m (2,68 oz/ft)
Installations	Ground Wall or Ceiling surface mounted
Norms	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08



NOTE: Power supplies, control&dimming devices and fixing kits must to be orderd separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power. Photometric data available at www.aldabra.it

FILO RGB DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
FIL.01.XXXXX.X	8	520 (20,472")	20 (0,787")
FIL.02.XXXXX.X	15	1020 (40,157")	20 (0,787")
FIL.03.XXXXX.X	23	1520 (59,842")	20 (0,787")
FIL.04.XXXXX.X	30	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

FIL.XX.TXXXX.X	Transparent diffuser 94°
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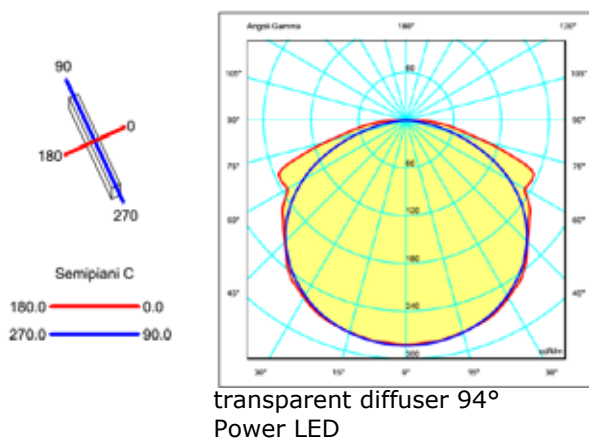
LIGHT FEATURES:

	Signal LED	lm/m*
FIL.XX.X90XX.X	R, G, B	408

*delivered luminous flux

FINISHES FEATURES:

FIL.XX.XXXA1.X	Anodized Aluminuim
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GENERAL INFORMATIONS:

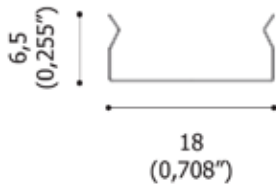
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FILO RGB DATA-SHEET

ACCESSORIES:

ACC.0046.0

stainless steel fixing spring - 5 pieces package



Product code	Code	Release date	Product	Power	Supply	CCT	Optics	lux (lm) *tj=25 **	Fixture Flux (lm)
FIL.01.T27A1.1	FIL.01.T27A1.1	24/5	Filo	6W	24V	2700 K	Trasparent	415,00*	300,53
FIL.01.T30A1.1	FIL.01.T30A1.1	24/5	Filo	6W	24V	3000 K	Trasparent	466,87*	338,00
FIL.01.T33A1.1	FIL.01.T33A1.1	24/5	Filo	6W	24V	3300 K	Trasparent	539,50*	390,30
FIL.01.T37A1.1	FIL.01.T37A1.1	24/5	Filo	6W	24V	3700 K	Trasparent	539,50*	390,30
FIL.01.T52A1.1	FIL.01.T52A1.1	24/5	Filo	6W	24V	5200 K	Trasparent	622,50*	450,02
FIL.05.T27A1.1	FIL.05.T27A1.1	14/5	Filo	6W	24V	2700 K	Trasparent	714,00**	538,69
FIL.05.T30A1.1	FIL.05.T30A1.1	14/5	Filo	6W	24V	3000 K	Trasparent	742,00**	559,46
FIL.05.T40A1.1	FIL.05.T40A1.1	14/5	Filo	6W	24V	4000 K	Trasparent	798,00**	601,57
FIL.09.T27A1.1	FIL.09.T27A1.1	14/5	Filo	12W	24V	2700 K	Trasparent	1428,00**	1077,37
FIL.09.T30A1.1	FIL.09.T30A1.1	14/5	Filo	12W	24V	3000 K	Trasparent	1484,00**	1118,91
FIL.09.T40A1.1	FIL.09.T40A1.1	14/5	Filo	12W	24V	4000 K	Trasparent	1596,00**	1203,15
FIL.01.T90A1.1	FIL.01.T90A1.1	24/5	Filo	8W	24V	RGB	Trasparent	227,50*	203,55
FIL.01.T90A1.1	FIL.01.T90A1.1 R	24/5	Filo	2,5W	24V	RGB (Rosso)	Trasparent	58,25*	49,83
FIL.01.T90A1.1	FIL.01.T90A1.1 G	24/5	Filo	2,5W	24V	RGB (Verde)	Trasparent	125,50*	137,78
FIL.01.T90A1.1	FIL.01.T90A1.1 B	24/5	Filo	2,5W	24V	RGB (Blu)	Trasparent	43,75*	26,74