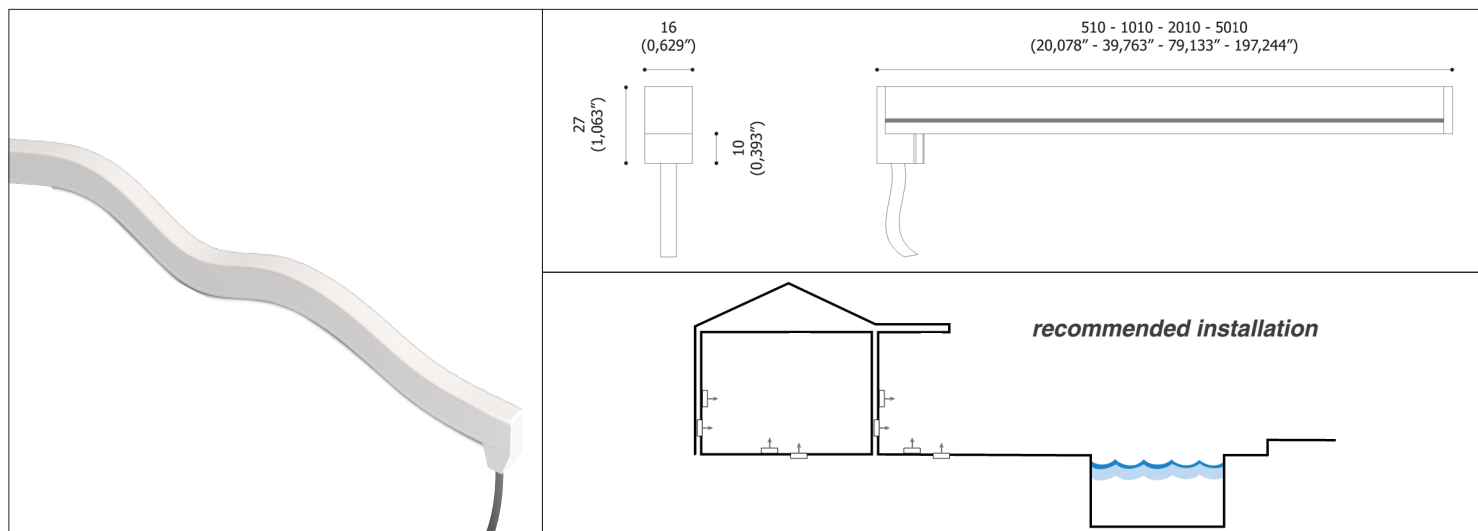


ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

FLEXI top MONOCHROMATIC

DATA-SHEET



PRODUCT DESCRIPTION:

Professional flexible linear lighting for signal lighting suitable for indoor and outdoor settings. Body completely realized in flexible resin. UV resistance of all materials.

TECHNICALS FEATURES:

Materials	Resins
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	10 W/m
Light Source	Mid Power LED 98 lm/W
Pitch	8,3 mm (0,326'')
Colour Temperature	2700K ; 3000K ; 3500K ; 4500K
Lifetime	> 50000 h (TM21)
Optics	Opal diffuser 116°
Tc body	< 75 °C (167 °F)
Ta operating temperature	- 30 ÷ 50 °C * (-22 ÷ 122 °F) *for UL/CUL max 40 °C elevated ambient
Ts surface temperature	≤ 65 °C (149 °F)
Ti suitable installation temperature	15 ÷ 40 °C (59 ÷ 104 °F)
Storage temperature	-30 ÷ 85 °C (-22 ÷ 185 °F)
Functions	On/Off ; dimmable
Cable	AWM style 20233 2x0,75mm ² (AWG18) Red;Black L. 1 m (3,28 ft)
Weigth	300 g/m (3,22 oz/ft)
Installations	Recessed or surface (ground, wall)
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

ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

FLEXI top MONOCHROMATIC

DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
FLX.01.XXXXX.X	5	510 (20,078") +/- 1,5 mm (0,059")	8,3 (0,326")
FLX.02.XXXXX.X	10	1010 (39,763") +/- 3 mm (0,118")	8,3 (0,326")
FLX.03.XXXXX.X	20	2010 (79,133") +/- 6 mm (0,236")	8,3 (0,326")
FLX.06.XXXXX.X	50	5010 (197,244") +/- 15 mm (0,59")	8,3 (0,326")

OPTICAL FEATURES:

FLX.XX.DXXXX.X	Opal diffuser 116°
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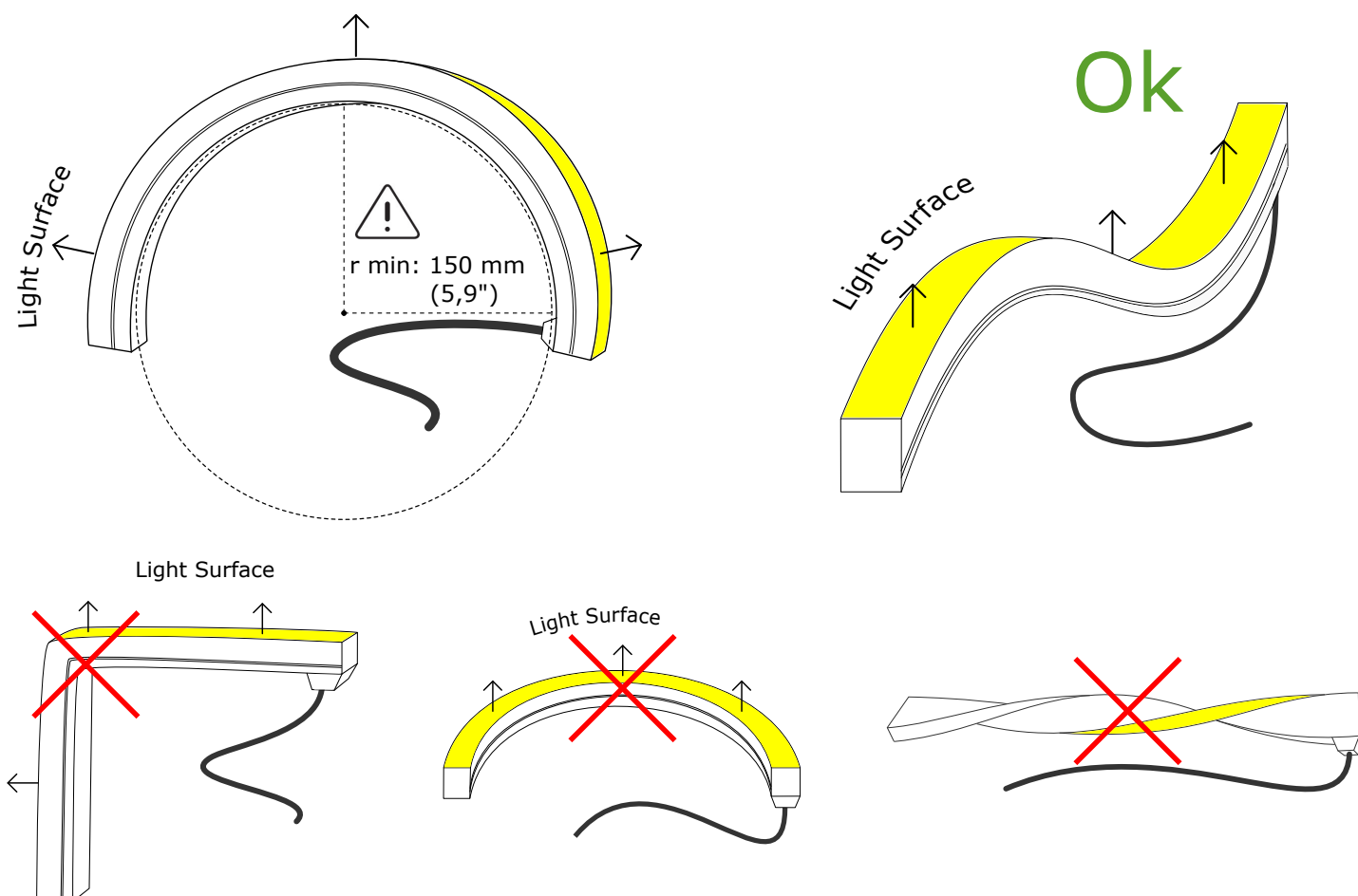
LED FEATURES:

	Mid Power LED	lm/m*	Ra	Chromatic selection
FLX.XX.X27XX.X	2700K warm white	486	>80	MacAdam 3-step
FLX.XX.X30XX.X	3000K warm white	505	>80	MacAdam 3-step
FLX.XX.X35XX.X	3500K neutral white	523	>80	MacAdam 3-step
FLX.XX.X45XX.X	4500K cool white	561	>80	MacAdam 3-step

*delivered luminous flux (opal)

FINISHES FEATURES:

FLX.XX.XXXW1.X	Matt white
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PROFESSIONAL EXTERIOR LIGHTING

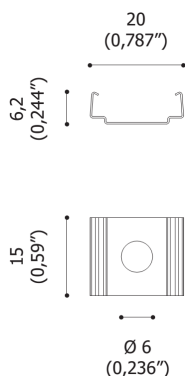
FLEXI top MONOCHROMATIC

DATA-SHEET

ACCESSORIES:

ACC.0216.0

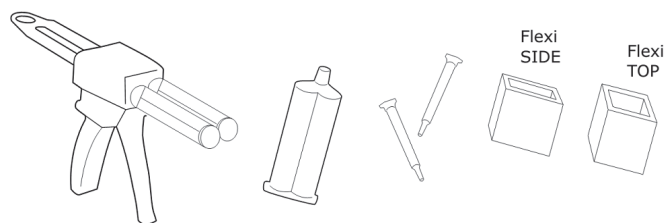
fixing spring for Flexi Top - 5 pieces package



ACC.0266.0

Sealing kit with gun

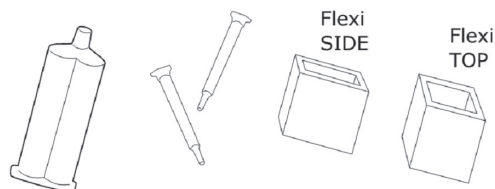
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



ACC.0267.0

Sealing kit with gun

Including: one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



ACC.0274.0

containment element for Flexi Side

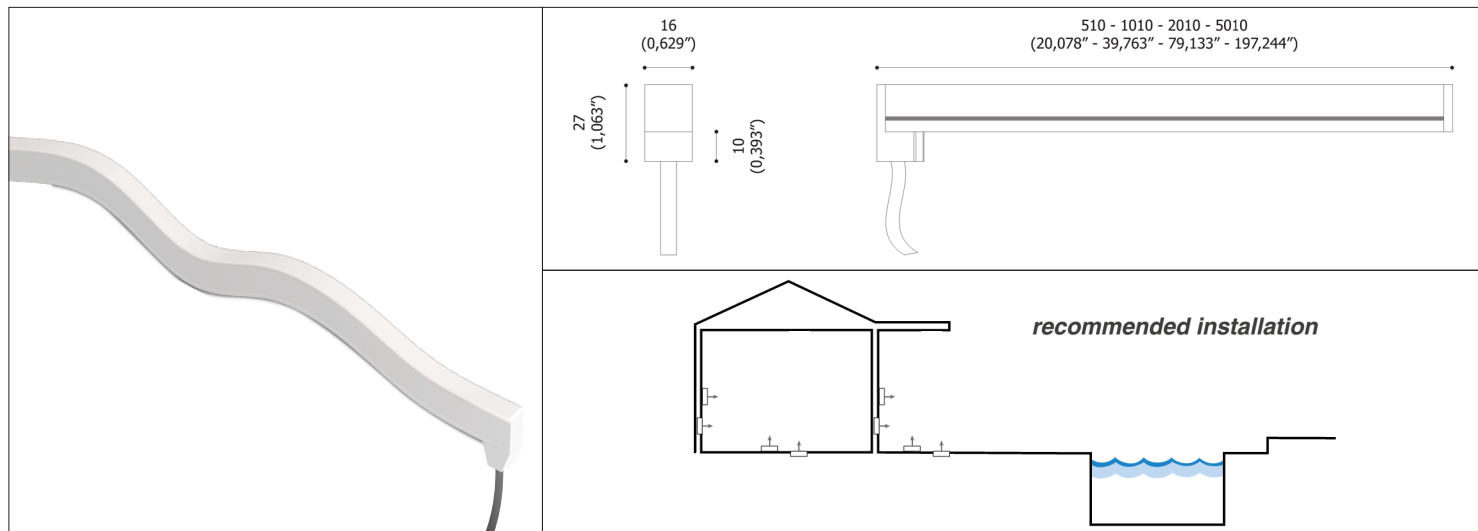
5 pieces package



GENERAL INFORMATIONS:

Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the LED lighting fittings and their power supply units and control gears are installed must be equipped with proper devices for the protection and suppression of transient phenomena (SPD, isolation transformer, etc...). Such devices must to be coordinated with the other protections of the installation; on this theme, it's necessary to refer to the electrical installations norms which are in force in each country.

FLEXI top RGB DATA-SHEET



PRODUCT DESCRIPTION:

Professional flexible linear lighting for signal lighting suitable for indoor and outdoor settings. Body completely realized in flexible resin. UV resistance of all materials.

TECHNICALS FEATURES:

Materials	Resins
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	18 W/m
Light Source	Signal LED
Pitch	8,3 mm (0,326")
Dominant Wavelength	R=625nm, G=525nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Opal diffuser 116°
Tc body	< 75 °C (167 °F)
Ta operating temperature (on surface)	- 30 ÷ 50 °C * (-22 ÷ 122 °F) *for UL/CUL max 40 °C elevated ambient
Ta operating temperature (recessed)	- 30 ÷ 40 °C (-22 ÷ 104 °F)
Ts surface temperature	≤ 65 °C (149 °F)
Ti suitable installation temperature	15 ÷ 40 °C (59 ÷ 104 °F)
Storage temperature	-30 ÷ 85 °C (-22 ÷ 185 °F)
Functions	On/Off ; dimmable
Cable RGB	AWM style 20233 1x0,75mm ² (AWG18) Red+3x0,5mm ² (AWG20) Red/black, Green/black, Blue/black L. 1 m (3,28 ft)
Weigth	300 g/m (3,22 oz/ft)
Installations	Recessed or surface (ground, wall)
Norms	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08



1 m (3,28 ft) x 2 hours



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

FLEXI top RGB DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
FLX.01.XXXXX.X	9	510 (20,078") +/- 1,5 mm (0,059")	8,3 (0,326")
FLX.02.XXXXX.X	18	1010 (39,763") +/- 3 mm (0,118")	8,3 (0,326")
FLX.03.XXXXX.X	36	2010 (79,133") +/- 6 mm (0,236")	8,3 (0,326")
FLX.06.XXXXX.X	90	5010 (197,244") +/- 15 mm (0,59")	8,3 (0,326")

OPTICAL FEATURES:

FLX.XX.DXXXX.X	Opal diffuser 116°
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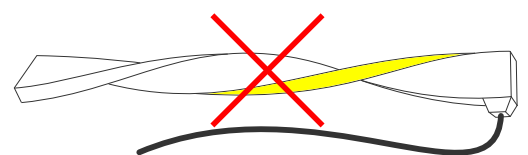
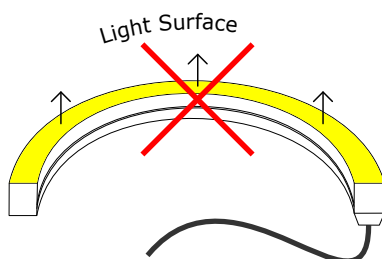
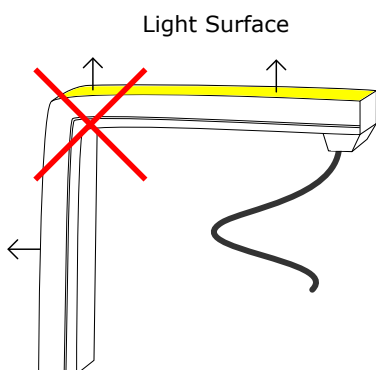
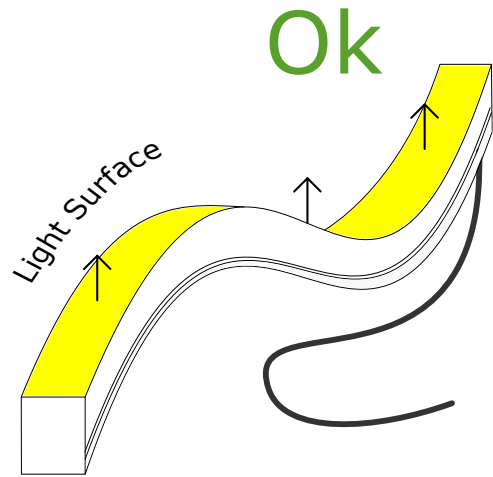
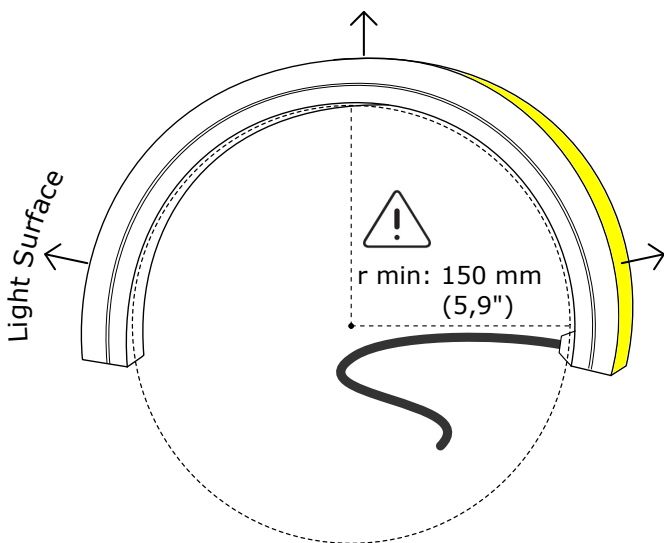
LED FEATURES:

	Signal LED	lm/W*
FLX.XX.X90XX.X	R, G, B	292

*delivered luminous flux (opal)

FINISHES FEATURES:

FLX.XX.XXXW1.X	Matt white
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PROFESSIONAL EXTERIOR LIGHTING

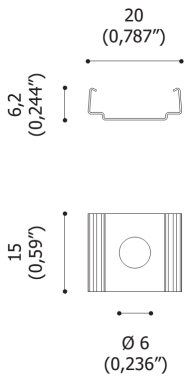
FLEXI top RGB

DATA-SHEET

ACCESSORIES:

ACC.0216.0

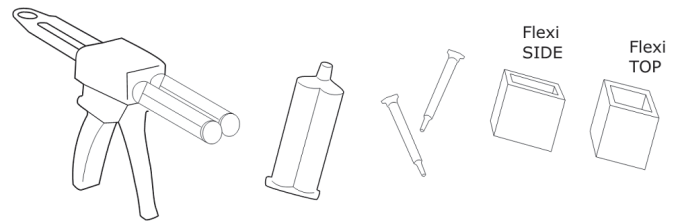
fixing spring for Flexi Top - 5 pieces package



ACC.0266.0

Sealing kit with gun

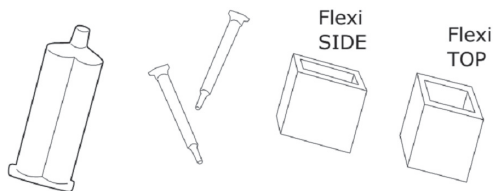
Including: a dispense gun, one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



ACC.0267.0

Sealing kit with gun

Including: one cartridge of bi-component fast resin, two mixing spouts, two containment elements for resin



ACC.0274.0

containment element for Flexi Side

5 pieces package



GENERAL INFORMATIONS:

Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the LED lighting fittings and their power supply units and control gears are installed must be equipped with proper devices for the protection and suppression of transient phenomena (SPD, isolation transformer, etc...). Such devices must be coordinated with the other protections of the installation; on this theme, it's necessary to refer to the electrical installations norms which are in force in each country.