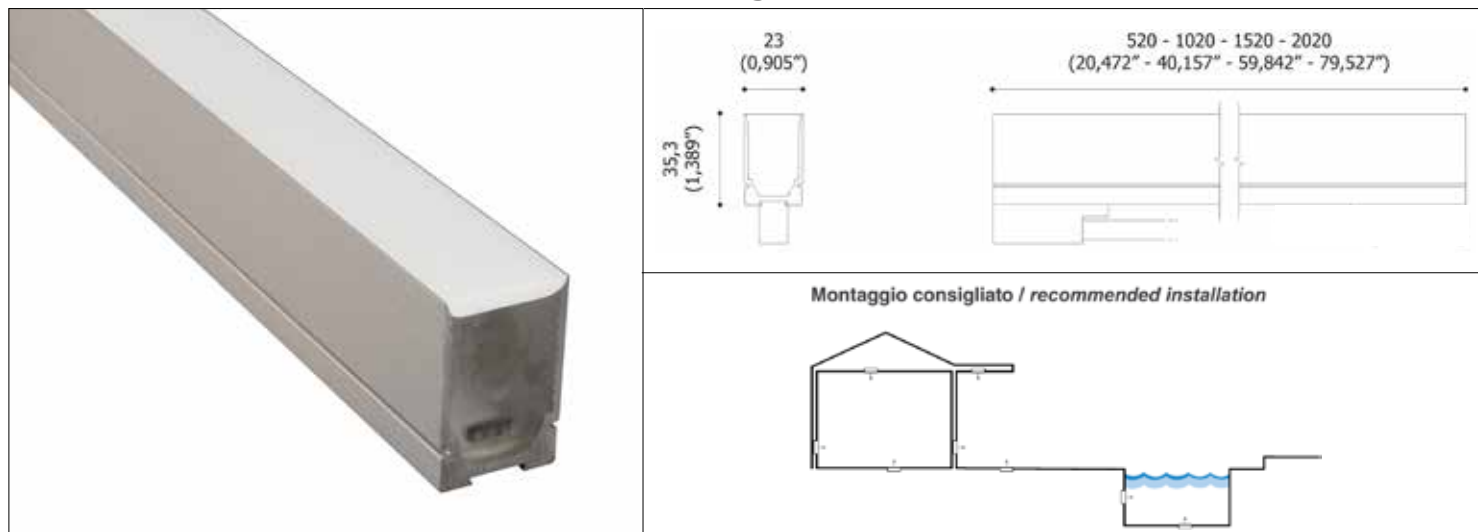


## EK2 Monochromatic

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

#### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	12 W/m
<b>Light Source</b>	Mid-Power LED 140-180 lm/W
<b>Pitch</b>	20 mm (0,787")
<b>Color Temperature</b>	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
<b>Ra</b>	> 80
<b>Chromatic Selection</b>	Mac-Adam 3-step
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+1x0,5mm <sup>2</sup> (AWG20) Violet L. 1 m (3,28 ft).
<b>Weigth</b>	1250 g/m (13,44 oz/ft)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall ,ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

Specifications are subject to change without notice.

## EK2 Monochromatic DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK2.01.XXXXX.X</b>	6	520 (20,472")	20 (0,787")
<b>EK2.02.XXXXX.X</b>	12	1020 (40,157")	20 (0,787")
<b>EK2.03.XXXXX.X</b>	18	1520 (59,842")	20 (0,787")
<b>EK2.04.XXXXX.X</b>	24	2020 (79,527")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 50°
EK2.XX.DXXXX.X	Opal diffuser 111°

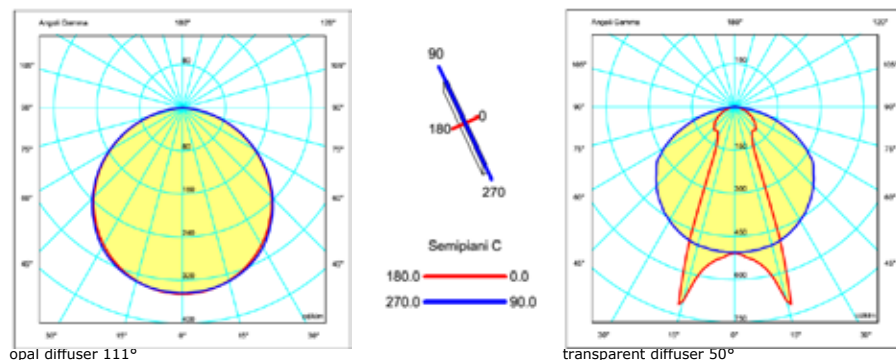
### LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK2.XX.X27XX.X	2700K warm white	202	>80	MacAdam 3-step
EK2.XX.X30XX.X	3000K warm white	202	>80	MacAdam 3-step
EK2.XX.X33XX.X	3300K warm white	202	>80	MacAdam 3-step
EK2.XX.X37XX.X	3700K neutral white	262	>80	MacAdam 3-step
EK2.XX.X52XX.X	5200K cool white	303	>80	MacAdam 3-step

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### 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.

## EK2 Monochromatic

### DATA-SHEET

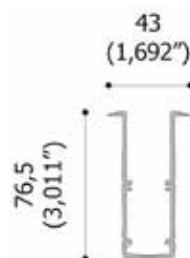
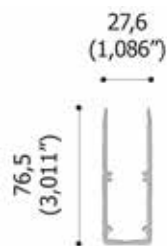
#### RECESSING BOXES:

Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")

Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



#### ACCESSORIES:

##### ACC.0060.0

couple of end caps for recessing boxes type A and B



##### ACC.0019.0

tool for pulling out the module from the housing box



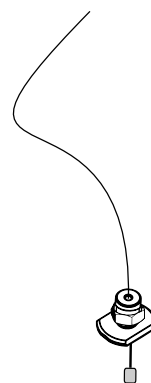
##### ACC.0003.0

alignment kit for housing boxes type A and B



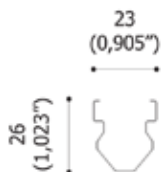
##### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



##### ACC.0074.0

fixing spring



## EK2 RGB DATA-SHEET



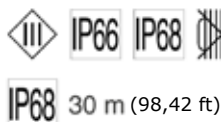
### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	15 W/m
<b>Light Source</b>	Signal LED
<b>Pitch</b>	20 mm (0,787'')
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable RGB</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+3x0,5mm <sup>2</sup> (AWG20) Red/black, Green/black, Blue/black L. 1 m (3,28 ft).
<b>Weigth</b>	1250 g/m (13,44 oz/ft)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

## EK2 RGB DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK2.01.XXXXX.X</b>	8	520 (20,472")	20 (0,787")
<b>EK2.02.XXXXX.X</b>	15	1020 (40,157")	20 (0,787")
<b>EK2.03.XXXXX.X</b>	23	1520 (59,842")	20 (0,787")
<b>EK2.04.XXXXX.X</b>	30	2020 (79,527")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 50°
EK2.XX.DXXXX.X	Opal diffuser 111°

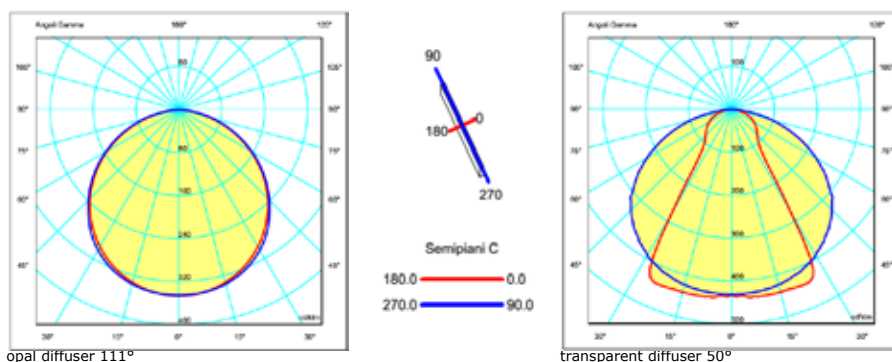
### LIGHT FEATURES:

	Signal LED	lm/m*
EK2.XX.X90XX.X	R, G, B	123

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### GENERAL INFORMATIONS:

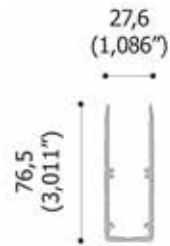
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the 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.

## EK2 RGB DATA-SHEET

### RECESSING BOXES:

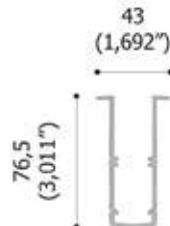
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



### ACCESSORIES:

#### ACC.0060.0

couple of end caps for recessing boxes type A and B



#### ACC.0019.0

tool for pulling out the module from the housing box



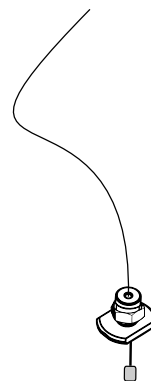
#### ACC.0003.0

alignment kit for housing boxes type A and B



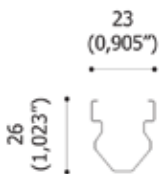
#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



#### ACC.0074.0

fixing spring



## EK2 RGB move DATA-SHEET



### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).  
Body finished aluminum with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	12 W/m
<b>Light Source</b>	Signal LED
<b>Pitch</b>	25 mm (0,984")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable RGB move</b>	In: AWM style 20233 2xAWG18 (Red;Black)+2xAWG20 (R/b, B/b) L. 1 m (3,28 ft). Out: AWM style 20233 2xAWG18 (Red;Black) L. 1 m (3,28 ft).
<b>Weigth</b>	1250 g/m (13,44 oz/ft)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall ,ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

## EK2 RGB move DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK2.01.XXXXX.X</b>	6	520 (20,472")	25 (0,984")
<b>EK2.02.XXXXX.X</b>	12	1020 (40,157")	25 (0,984")
<b>EK2.03.XXXXX.X</b>	18	1520 (59,842")	25 (0,984")
<b>EK2.04.XXXXX.X</b>	24	2020 (79,527")	25 (0,984")

### OPTICAL FEATURES:

EK2.XX.DXXXX.X	Opal diffuser 111°
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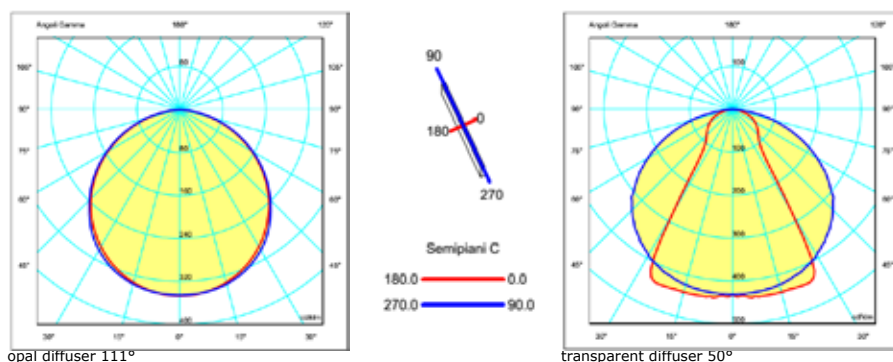
### LIGHT FEATURES:

	Signal LED	lm/m*
EK2.XX.X92XX.X	R, G, B	98

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### 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.

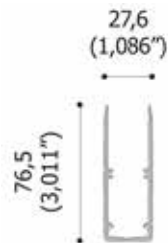


## EK2 RGB move DATA-SHEET

### RECESSING BOXES:

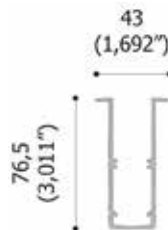
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



### ACCESSORIES:

#### ACC.0060.0

couple of end caps for recessing boxes type A and B



#### ACC.0019.0

tool for pulling out the module from the housing box



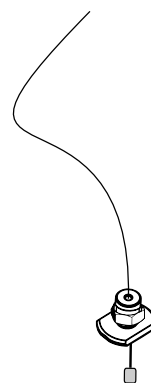
#### ACC.0003.0

alignment kit for housing boxes type A and B



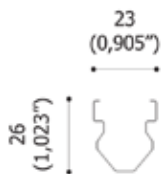
#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall

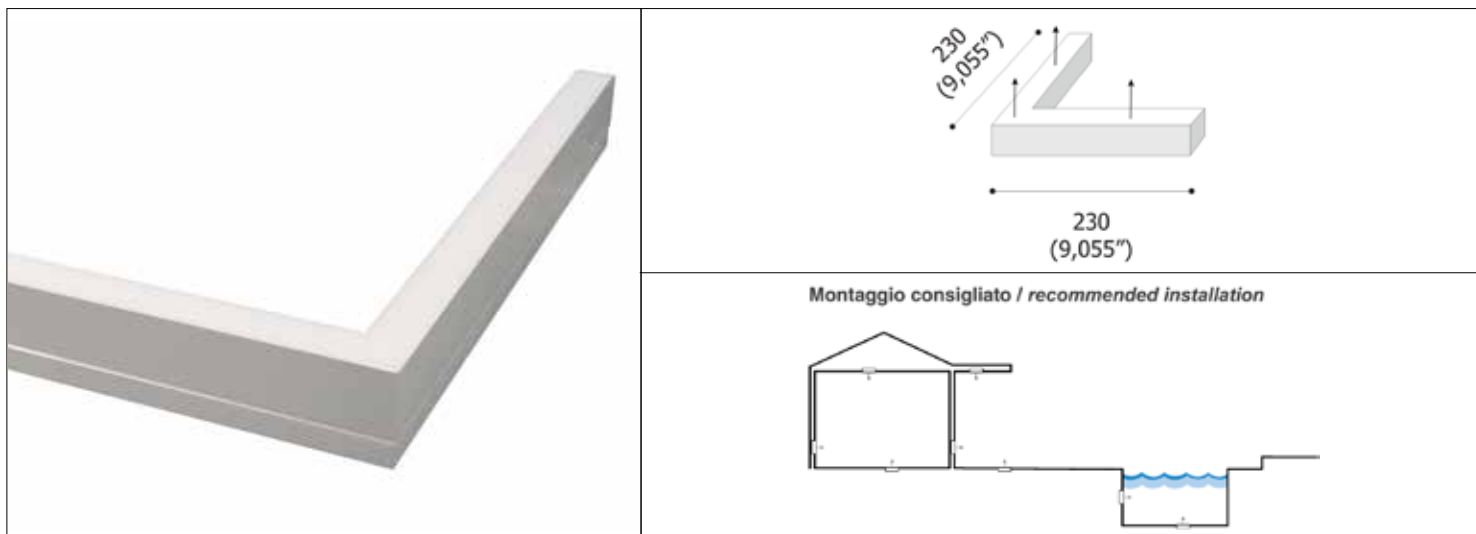


#### ACC.0074.0

fixing spring



## EK2 Corner Monochromatic DATA-SHEET



### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage (±5%)
<b>Power</b>	5 W
<b>Light Source</b>	Mid-Power LED 140-180 lm/W
<b>Pitch</b>	20 mm (0,787'')
<b>Color Temperature</b>	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
<b>Ra</b>	> 80
<b>Chromatic Selection</b>	Mac-Adam 3-step
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+1x0,5mm <sup>2</sup> (AWG20) Violet L. 1 m (3,28 ft).
<b>Weigth</b>	575 g (20,28 oz)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

Specifications are subject to change without notice.

## EK2 Corner Monochromatic DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK2.51.XXXXX.X	5	230x230 (9,055"x9,055")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 45°
EK2.XX.DXXXX.X	Opal diffuser 109°

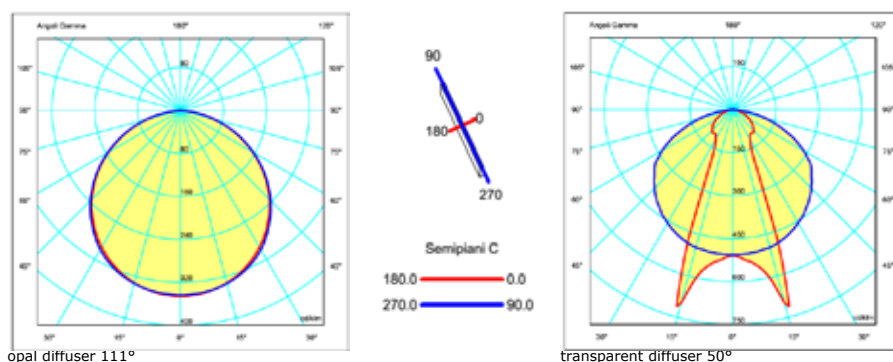
### LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK2.XX.X27XX.X	2700K warm white	202	>80	MacAdam 3-step
EK2.XX.X30XX.X	3000K warm white	202	>80	MacAdam 3-step
EK2.XX.X33XX.X	3300K warm white	202	>80	MacAdam 3-step
EK2.XX.X37XX.X	3700K neutral white	262	>80	MacAdam 3-step
EK2.XX.X52XX.X	5200K cool white	303	>80	MacAdam 3-step

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### GENERAL INFORMATIONS:

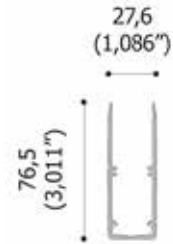
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the 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.

## EK2 Corner Monochromatic DATA-SHEET

### RECESSING BOXES:

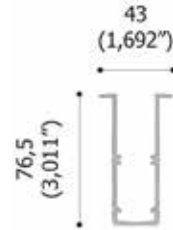
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

#### ACC.0060.0

couple of end caps for recessing boxes type A and B



#### ACC.0019.0

tool for pulling out the module from the housing box



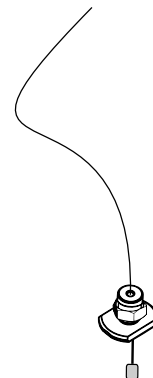
#### ACC.0003.0

alignment kit for housing boxes type A and B



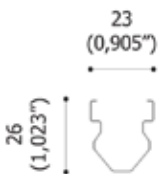
#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



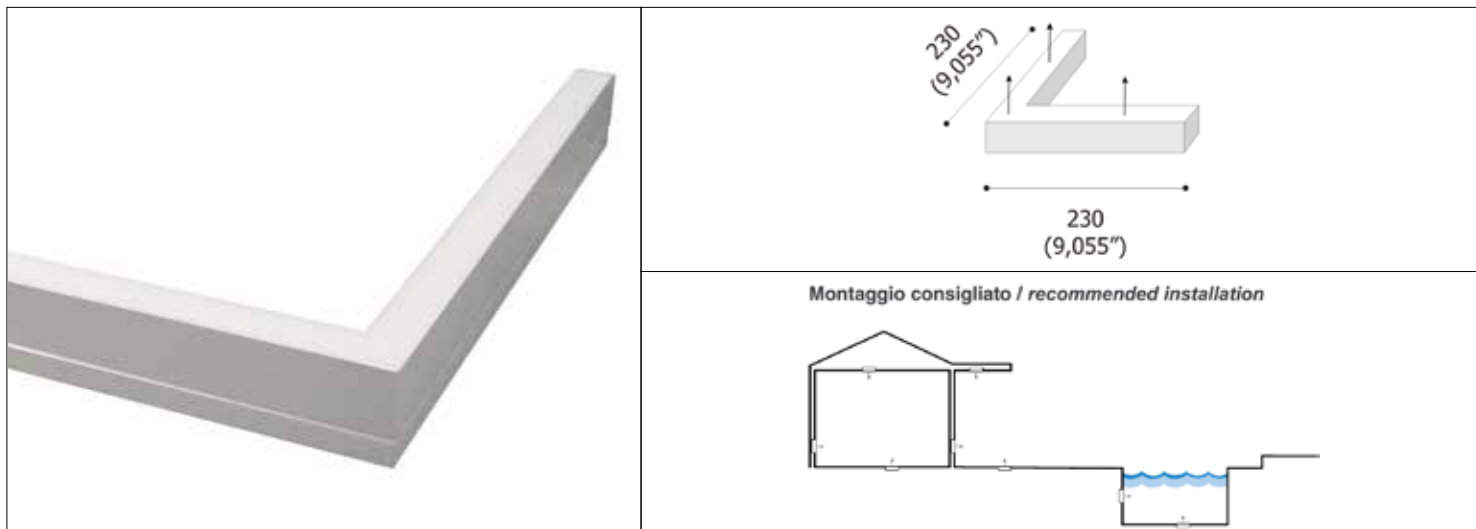
#### ACC.0074.0

fixing spring



## EK2 Corner RGB

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

#### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage (±5%)
<b>Power</b>	6 W
<b>Light Source</b>	Signal LED
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	2x AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+3x0,5mm <sup>2</sup> (AWG20) Red/black, Green/black, Blue/black L. 1 m (3,28 ft).
<b>Weigth</b>	640 g (22,57 oz)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , ceiling recessed - immersion
<b>Norms</b>	60598-1 ; 60598-2 and its parts ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/ C250.-08



IP68 30 m (98,42 ft)

#### 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](http://www.aldabra.it)

## EK2 Corner RGB DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK2.51.XXXXX.X	6	230x230 (9,055"x9,055")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 50°
EK2.XX.DXXXX.X	Opal diffuser 111°

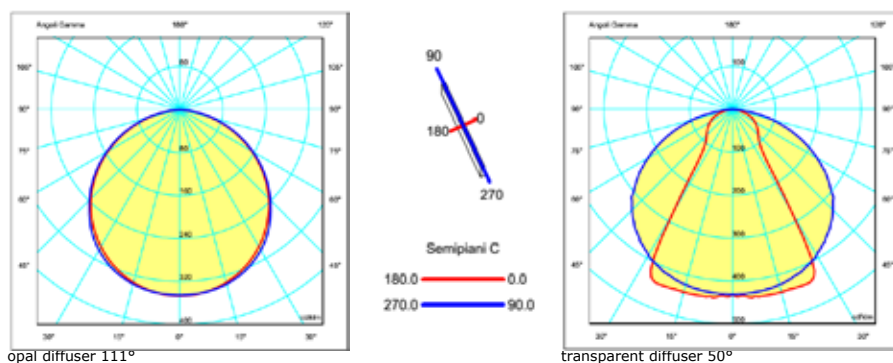
### LIGHT FEATURES:

	Signal LED	lm/m*
EK2.XX.X90XX.X	R, G, B,	123

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### GENERAL INFORMATIONS:

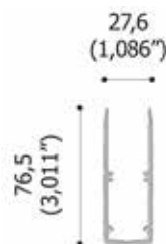
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the 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.

## EK2 Corner RGB DATA-SHEET

### RECESSING BOXES:

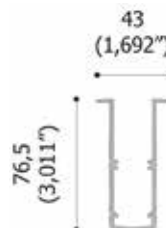
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

#### ACC.0060.0

couple of end caps for recessing boxes type A and B



#### ACC.0019.0

tool for pulling out the module from the housing box



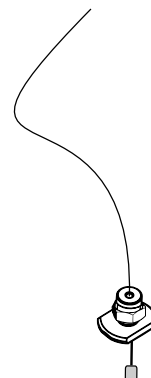
#### ACC.0003.0

alignment kit for housing boxes type A and B



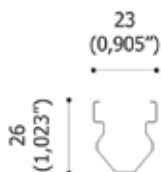
#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



#### ACC.0074.0

fixing spring

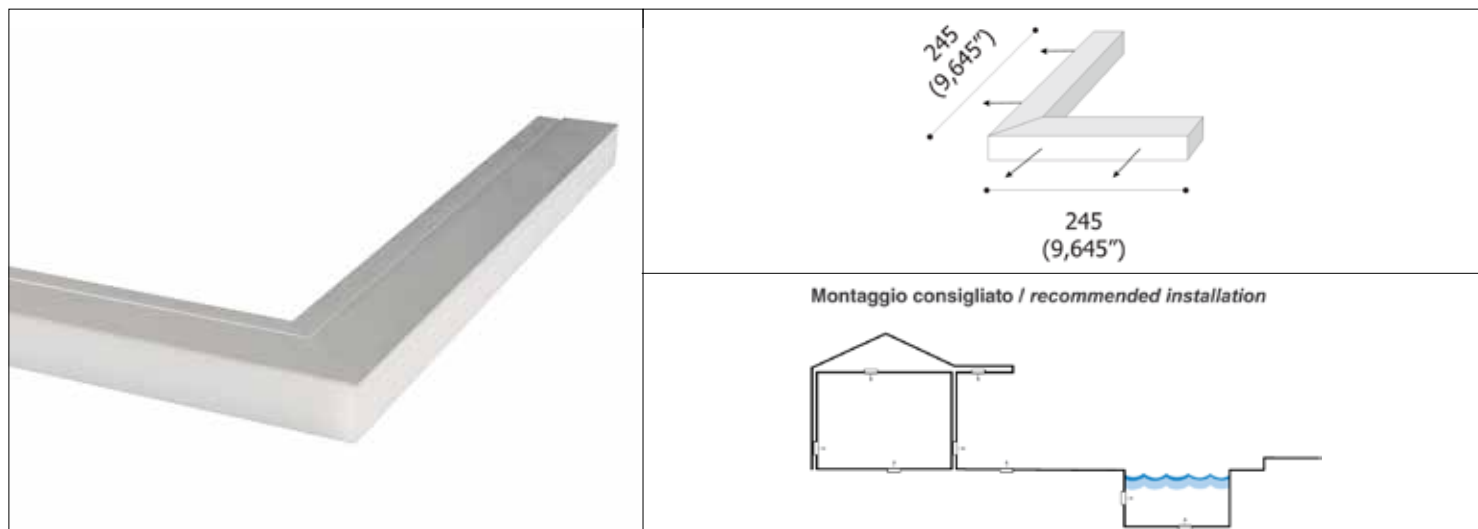


# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK2 External edge Monochromatic

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

#### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	5 W
<b>Light Source</b>	Mid-Power LED 140-180 lm/W
<b>Pitch</b>	20 mm (0,787")
<b>Color Temperature</b>	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
<b>Ra</b>	> 80
<b>Chromatic Selection</b>	Mac-Adam 3-step
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+1x0,5mm <sup>2</sup> (AWG20) Violet L. 1 m (3,28 ft).
<b>Weigth</b>	613 g (21,62 oz)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

Specifications are subject to change without notice.

[www.aldabra.it](http://www.aldabra.it)



# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK2 External edge Monochromatic

### DATA-SHEET

#### GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
<b>EK2.52.XXXXX.X</b>	5	245x245 (9,645"x9,645")	20 (0,787")

#### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 50°
EK2.XX.DXXXX.X	Opal diffuser 111°

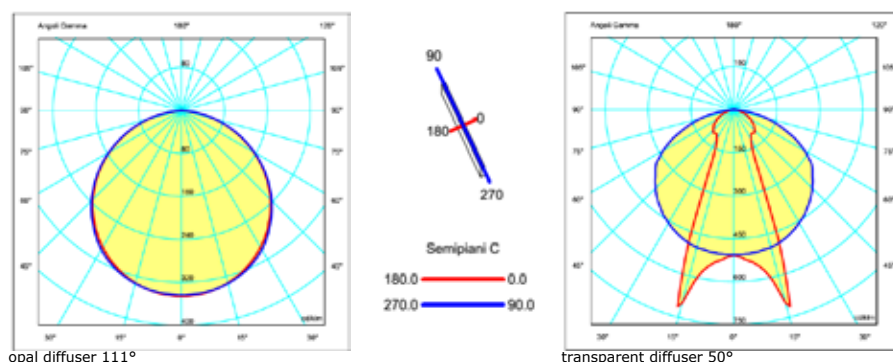
#### LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK2.XX.X27XX.X	2700K warm white	202	>80	MacAdam 3-step
EK2.XX.X30XX.X	3000K warm white	202	>80	MacAdam 3-step
EK2.XX.X33XX.X	3300K warm white	202	>80	MacAdam 3-step
EK2.XX.X37XX.X	3700K neutral white	262	>80	MacAdam 3-step
EK2.XX.X52XX.X	5200K cool white	303	>80	MacAdam 3-step

\*delivered luminous flux (opal)

#### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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#### 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.

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

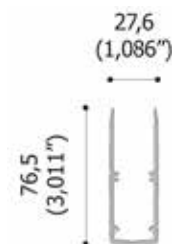
## EK2 External edge Monochromatic

### DATA-SHEET

#### RECESSING BOXES:

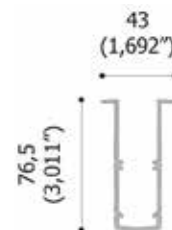
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



\*For corner or external edge products, order a linear recessing box to be cut on site.

#### ACCESSORIES:

##### ACC.0060.0

couple of end caps for recessing boxes type A and B



##### ACC.0019.0

tool for pulling out the module from the housing box



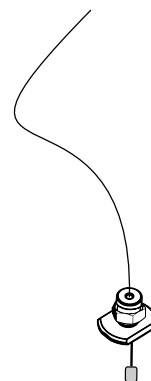
##### ACC.0003.0

alignment kit for housing boxes type A and B



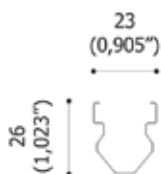
##### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



##### ACC.0074.0

fixing spring

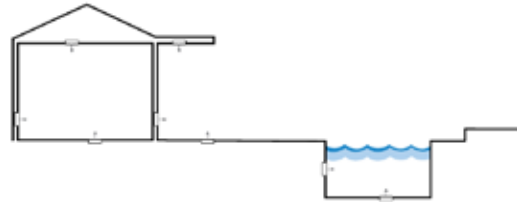


## EK2 External edge RGB

### DATA-SHEET



Montaggio consigliato / recommended installation



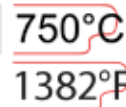
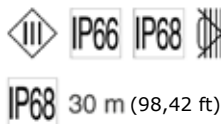
#### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished aluminum with opaque and transparent resin. All the materials are suitable for use in swimming pools\*, fountains and with salt water. UV resistance of all materials. (\*not for USA and Canada)

#### TECHNICALS FEATURES:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage (±5%)
<b>Power</b>	6 W
<b>Light Source</b>	Signal LED
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	2x AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+3x0,5mm <sup>2</sup> (AWG20) Red/black, Green/black, Blue/black L. 1 m (3,28 ft).
<b>Weight</b>	674 g (23,77 oz)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , ceiling recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

## EK2 External edge RGB DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK2.52.XXXXX.X	6	245x245 (9,645"x9,645")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.X	Transparent diffuser 50°
EK2.XX.DXXXX.X	Opal diffuser 111°

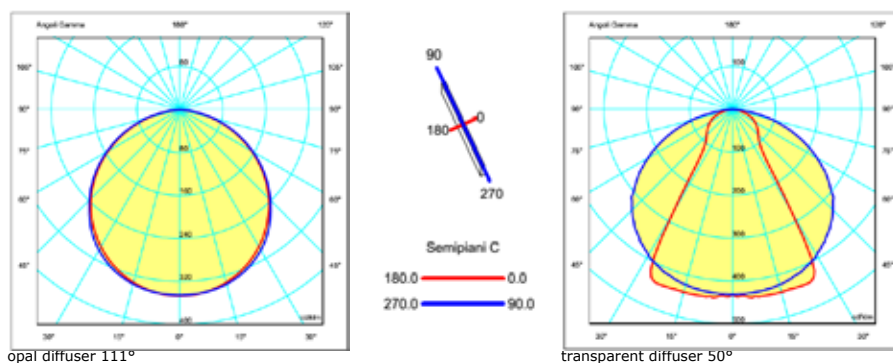
### LIGHT FEATURES:

	Signal LED	lm/m*
EK2.XX.X90XX.X	R, G, B,	123

\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXA1.X	Anodized Aluminum
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### GENERAL INFORMATIONS:

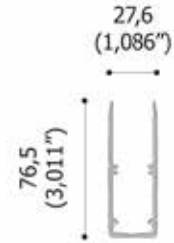
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the 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.

## EK2 External edge RGB DATA-SHEET

### RECESSING BOXES:

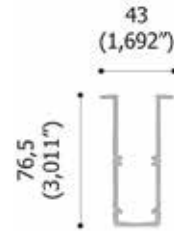
Type A - anodized aluminium

- CSF.0045.0** trimless recessing box 520 mm (20,472")
- CSF.0046.0** trimless recessing box 1020 mm (40,157")
- CSF.0047.0** trimless recessing box 1520 mm (59,842")
- CSF.0048.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0049.0** recessing box with trim 520 mm (20,472")
- CSF.0050.0** recessing box with trim 1020 mm (40,157")
- CSF.0051.0** recessing box with trim 1520 mm (59,842")
- CSF.0052.0** recessing box with trim 2020 mm (79,527")



\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

#### ACC.0060.0

couple of end caps for recessing boxes type A and B



#### ACC.0019.0

tool for pulling out the module from the housing box



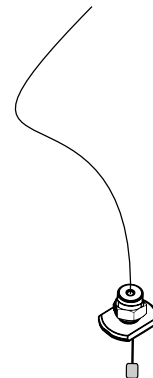
#### ACC.0003.0

alignment kit for housing boxes type A and B



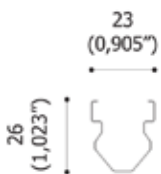
#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall

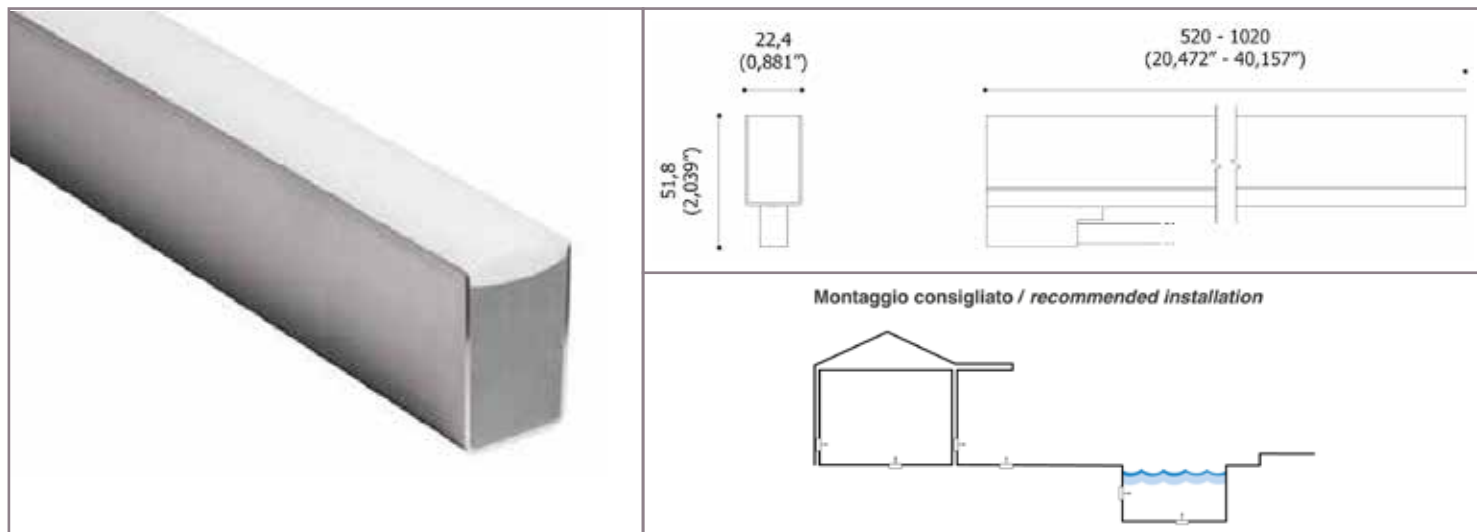


#### ACC.0074.0

fixing spring



## EK2 Monochromatic Stainless Steel UL version DATA-SHEET



### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished stainless steel 316L with opaque and transparent resin. All the materials are suitable for use in swimming pools, fountains and with salt water. UV resistance of all materials.

### TECHNICALS FEATURES:

<b>Materials</b>	Stainless steel 316L ; Resins
<b>Finishes</b>	Satin stainless steel
<b>Power Supply</b>	24 Vdc constant voltage (±5%)
<b>Power</b>	12 W/m
<b>Light Source</b>	Mid-Power LED 140-180 lm/W
<b>Pitch</b>	20 mm (0,787")
<b>Color Temperature</b>	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
<b>Ra</b>	> 80
<b>Chromatic Selection</b>	Mac-Adam 3-step
<b>Lifetime</b>	> 50000 h (TM21)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)      0 Vdc IN
<b>Functions</b>	On/Off ; dimmable
<b>Cable</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+1x0,5mm <sup>2</sup> (AWG20) Violet L. 5 m (16,40 ft).
<b>Weigth</b>	1700 g/m (18,28 oz/ft)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

Specifications are subject to change without notice.

## EK2 Monochromatic Stainless Steel UL version DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK2.01.XXXXX.U</b>	6	520 (20,472")	20 (0,787")
<b>EK2.02.XXXXX.U</b>	12	1020 (40,157")	20 (0,787")

### OPTICAL FEATURES:

EK2.XX.TXXXX.U	Transparent diffuser 50°
EK2.XX.DXXXX.U	Opal diffuser 111°

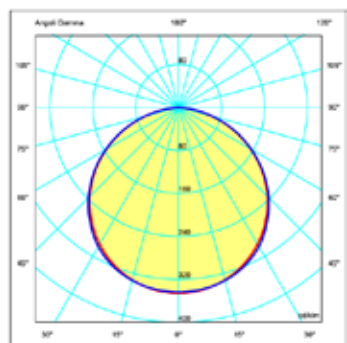
### LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK2.XX.X27XX.U	2700K warm white	202	>80	MacAdam 3-step
EK2.XX.X30XX.U	3000K warm white	202	>80	MacAdam 3-step
EK2.XX.X33XX.U	3300K warm white	202	>80	MacAdam 3-step
EK2.XX.X37XX.U	3700K neutral white	262	>80	MacAdam 3-step
EK2.XX.X52XX.U	5200K cool white	303	>80	MacAdam 3-step

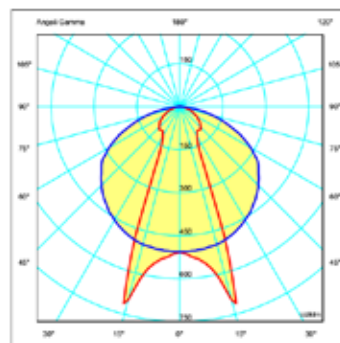
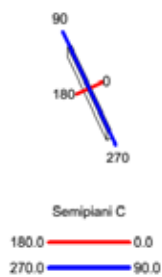
\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK2.XX.XXXS1.U	Satin stainless steel
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opal diffuser 111°



transparent diffuser 50°

### 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.

## EK2 Monochromatic Stainless Steel UL version DATA-SHEET

### RECESSING BOXES:

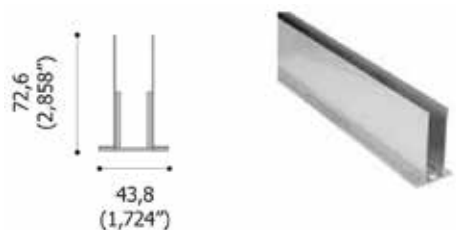
Type A - stainless steel

**CSF.0105.0**

trimless recessing box 520 mm (20,472")

**CSF.0106.0**

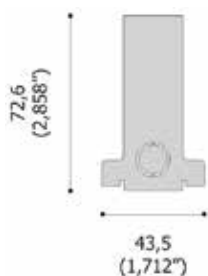
trimless recessing box 1020 mm (40,157")



### ACCESSORIES:

**ACC.0146.0**

couple of end caps for stainless steel recessing box



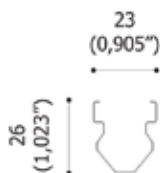
**ACC.0019.0**

tool for pulling out the module from the housing box



**ACC.0074.0**

fixing spring



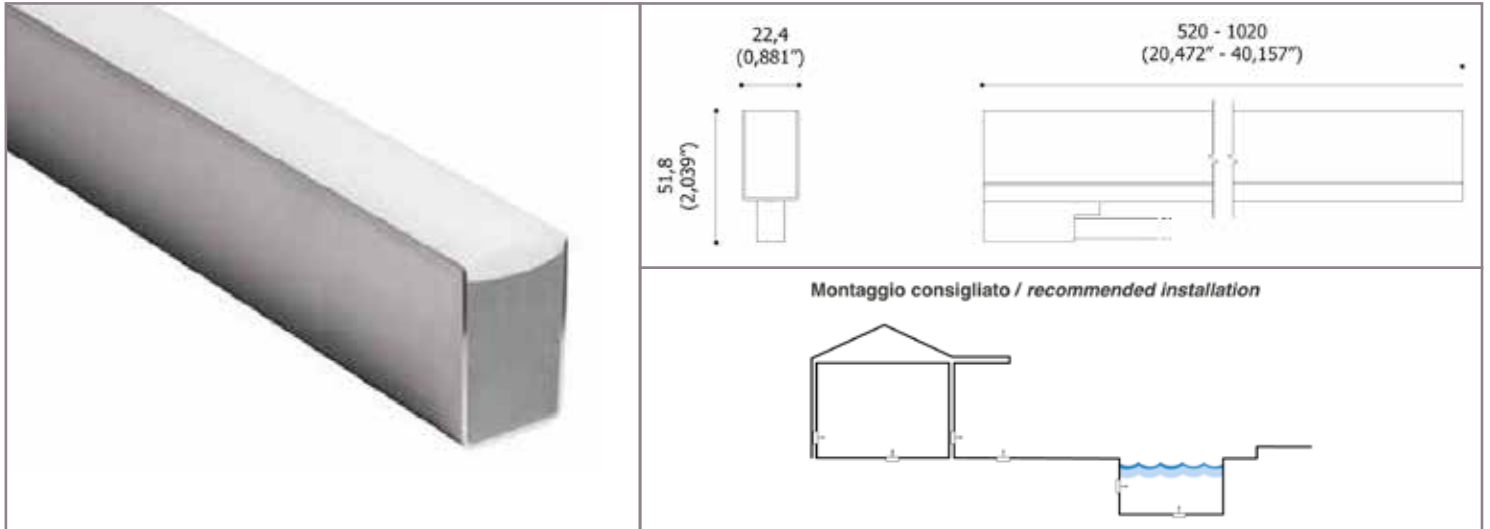


# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK2 RGB Stainless steel UL version

### DATA-SHEET



#### PRODUCT DESCRIPTION:

Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings, permanent immersion down to 30 meters (98,42 ft).

Body finished stainless steel 316L with opaque and transparent resin. All the materials are suitable for use in swimming pools, fountains and with salt water. UV resistance of all materials.

#### TECHNICALS FEATURES:

<b>Materials</b>	Stainless steel 316L ; Resins
<b>Finishes</b>	Satin stainless steel
<b>Power Supply</b>	24 Vdc constant voltage ( $\pm 5\%$ )
<b>Power</b>	15 W/m
<b>Light Source</b>	Signal LED
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (L80B20)
<b>Optics</b>	Transparent or Opal diffuser
<b>Tc metal body</b>	< 90 °C (194 °F)
<b>Ta operating temperature</b>	- 30 ÷ 50 °C (-22 ÷ 122 °F)
<b>Ts surface temperature</b>	≤ 65 °C (149 °F)
<b>Functions</b>	On/Off ; dimmable
<b>Cable RGB</b>	AWM style 20233 2x0,75mm <sup>2</sup> (AWG18) Red;Black+3x0,5mm <sup>2</sup> (AWG20) Red/black, Green/black, Blue/black L. 5 m (16,40 ft).
<b>Weigth</b>	1700 g/m (18,28 oz/ft)
<b>Walk over</b>	up to 500 Kg (1102,3 Lbs)
<b>Static load resistance</b>	2000 Kg (4409,2 Lbs)
<b>Installations</b>	Ground, Wall , recessed - immersion
<b>Norms</b>	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](http://www.aldabra.it)

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK2 RGB Stainless steel UL version

### DATA-SHEET

#### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK2.01.XXXXX.U</b>	8	520 (20,472")	20 (0,787")
<b>EK2.02.XXXXX.U</b>	15	1020 (40,157")	20 (0,787")

#### OPTICAL FEATURES:

EK2.XX.TXXXX.U	Transparent diffuser 50°
EK2.XX.DXXXX.U	Opal diffuser 111°

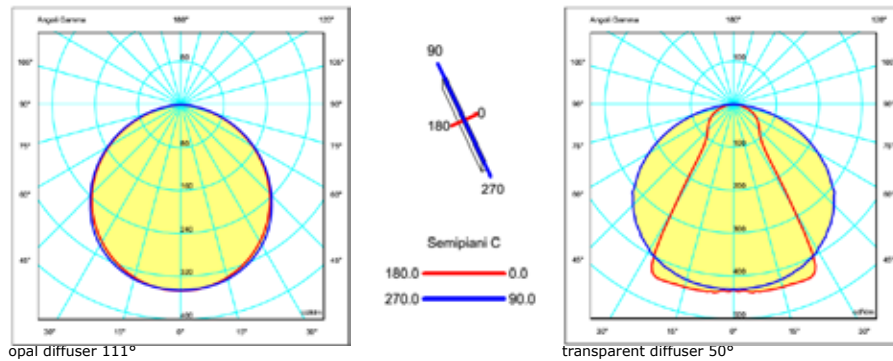
#### LIGHT FEATURES:

	Signal LED	lm/m*
EK2.XX.X90XX.U	R, G, B	123

\*delivered luminous flux (opal)

#### FINISHES FEATURES:

EK2.XX.XXXS1.U	Satin stainless steel
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#### 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.

# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK2 RGB Stainless steel UL version

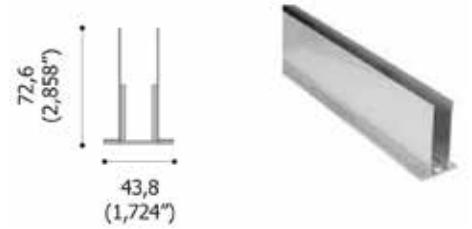
### DATA-SHEET

#### RECESSING BOXES:

Type A - stainless steel

**CSF.0105.0**  
**CSF.0106.0**

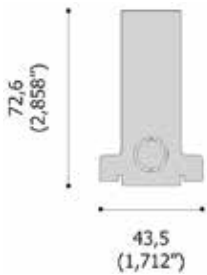
trimless recessing box 520 mm (20,472")  
trimless recessing box 1020 mm (40,157")



#### ACCESSORIES:

**ACC.0146.0**

couple of end caps for stainless steel recessing box



**ACC.0019.0**

tool for pulling out the module from the housing box



**ACC.0074.0**

fixing spring

