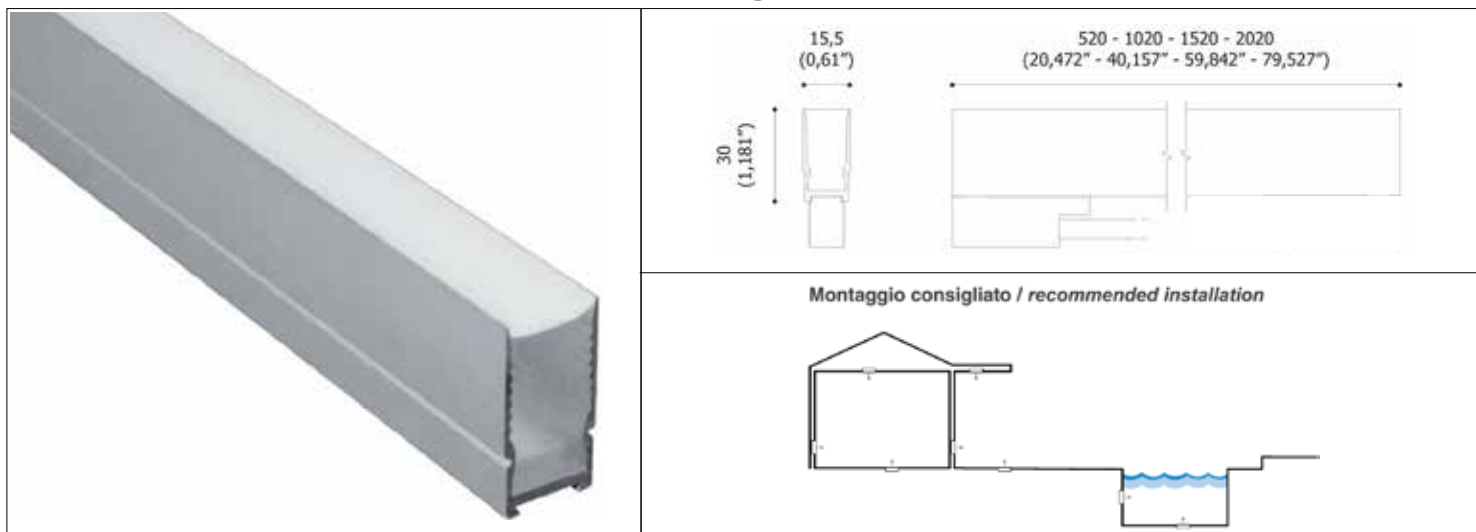


EK1 Monochromatic DATA-SHEET



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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage (±5%)
Power	8 W/m
Light Source	Mid-Power LED 140-180 lm/W
Pitch	20 mm (0,787")
Color Temperature	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21)
Optics	Transparent or Opal 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 2x0,75mm ² (AWG18) Red;Black+1x0,5mm ² (AWG20) Violet L. 1 m (3,28 ft).
Weigth	800 g/m (8,603 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



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

Specifications are subject to change without notice.

EK1 Monochromatic DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK1.01.XXXXX.X	4	520 (20,472")	20 (0,787")
EK1.02.XXXXX.X	8	1020 (40,157")	20 (0,787")
EK1.03.XXXXX.X	12	1520 (59,842")	20 (0,787")
EK1.04.XXXXX.X	15	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.X	Transparent diffuser 45°
EK1.XX.DXXXX.X	Opal diffuser 109°

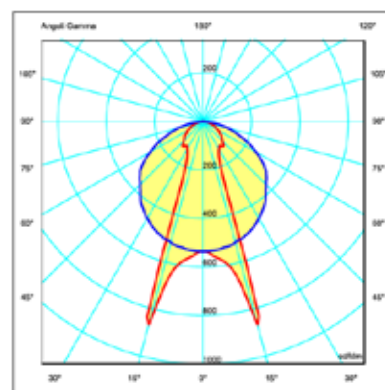
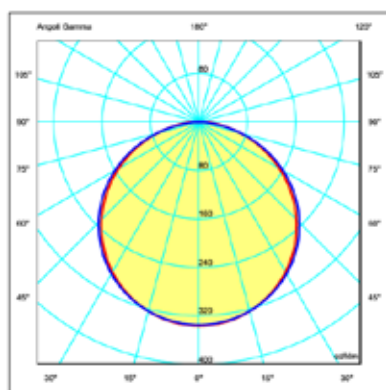
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK1.XX.X27XX.X	2700K warm white	107	>80	MacAdam 3-step
EK1.XX.X30XX.X	3000K warm white	107	>80	MacAdam 3-step
EK1.XX.X33XX.X	3300K warm white	107	>80	MacAdam 3-step
EK1.XX.X37XX.X	3700K neutral white	139	>80	MacAdam 3-step
EK1.XX.X52XX.X	5200K cool white	160	>80	MacAdam 3-step

*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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GENERAL INFORMATIONS:

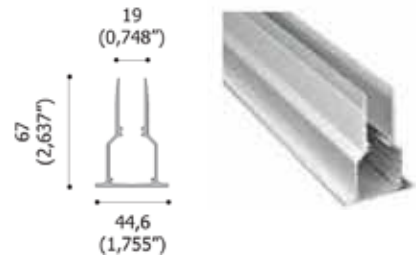
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 Monochromatic DATA-SHEET

RECESSING BOXES:

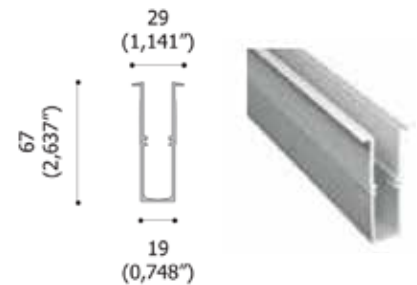
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

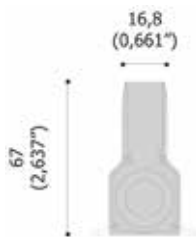
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

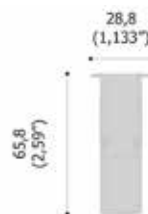
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



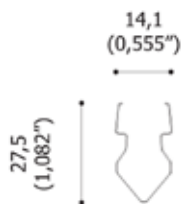
ACC.0004.0

tool for pulling out the module from the housing box



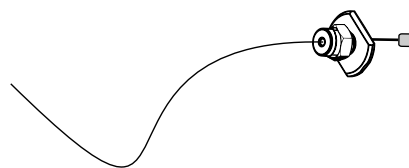
ACC.0006.0

fixing spring

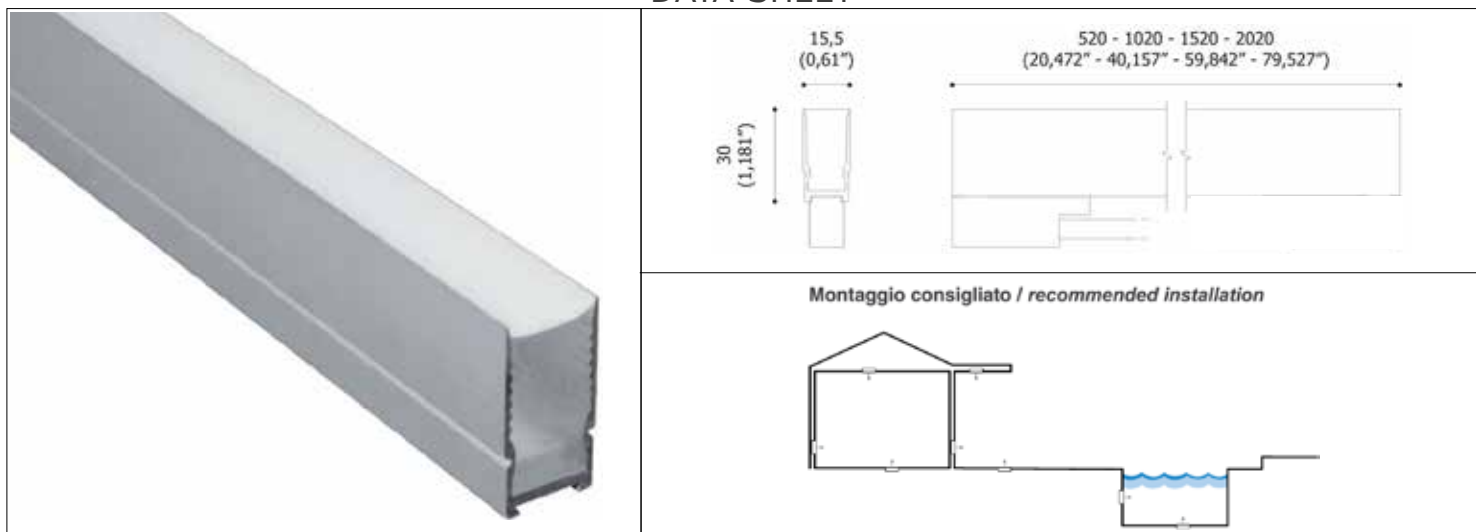


ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	15 W/m
Light Source	Signal LED
Pitch	20 mm (0,787")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal 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 RGB	AWM style 20233 2x0,75mm ² (AWG18) Red;Black+3x0,5mm ² (AWG20) Red/black, Green/black, Blue/black) L. 1 m (3,28 ft).
Weigth	800 g/m (8,603 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



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

EK1 RGB DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK1.01.XXXXX.X	8	520 (20,472")	20 (0,787")
EK1.02.XXXXX.X	15	1020 (40,157")	20 (0,787")
EK1.03.XXXXX.X	23	1520 (59,842")	20 (0,787")
EK1.04.XXXXX.X	30	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.X	Transparent diffuser 45°
EK1.XX.DXXXX.X	Opal diffuser 109°

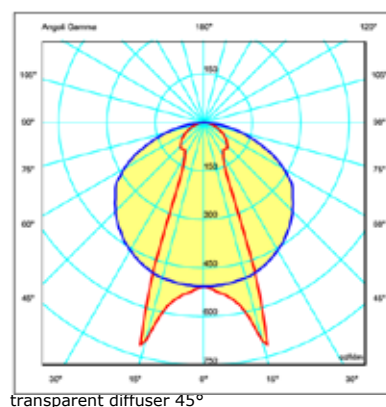
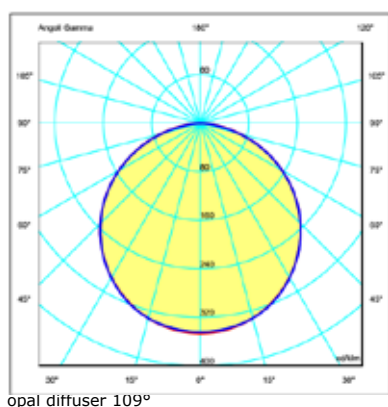
LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X90XX.X	R, G, B	100

*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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GENERAL INFORMATIONS:

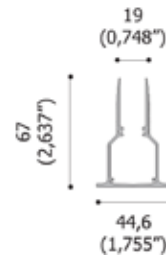
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 RGB DATA-SHEET

RECESSING BOXES:

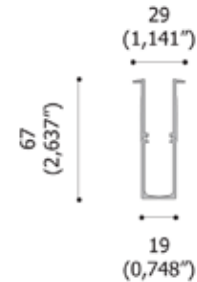
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

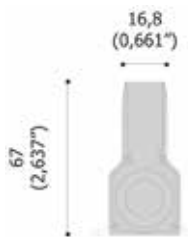
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

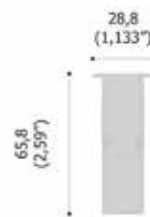
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



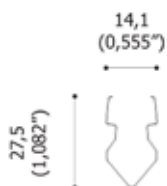
ACC.0004.0

tool for pulling out the module from the housing box



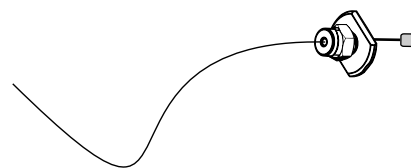
ACC.0006.0

fixing spring

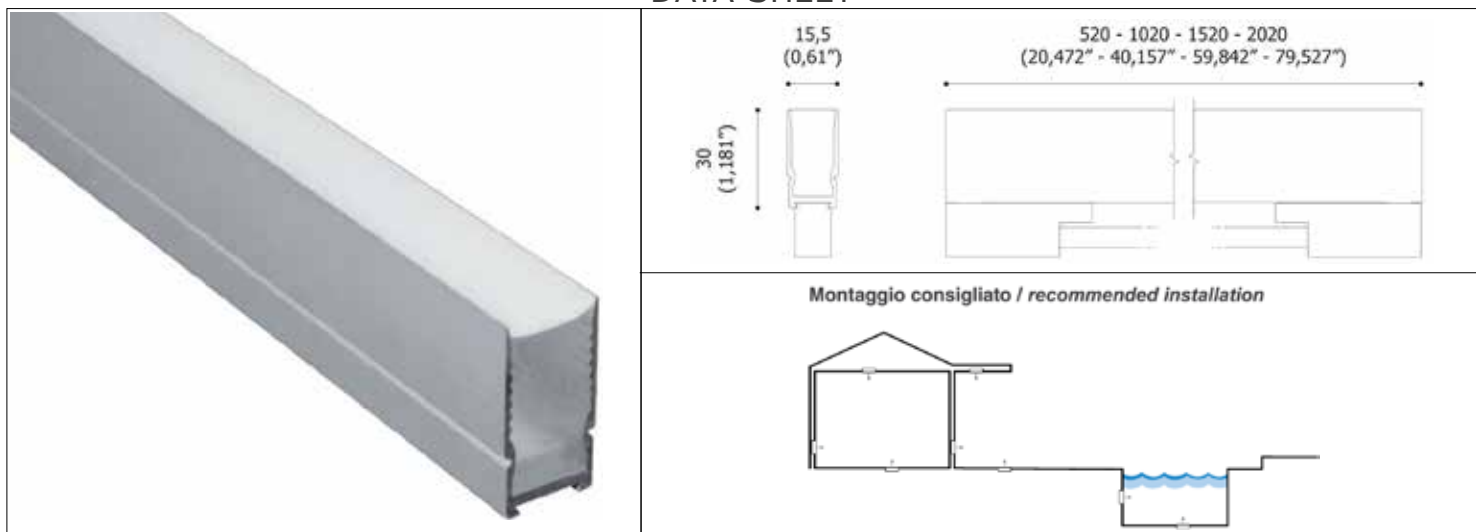


ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	12 W/m
Light Source	Signal LED
Pitch	25 mm (0,984")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Opal 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 RGB move	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).
Weigth	800 g/m (8,603 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



Only for constant current versions

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

EK1 RGB move DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK1.01.XXXXX.X	6	520 (20,472")	25 (0,984")
EK1.02.XXXXX.X	12	1020 (40,157")	25 (0,984")
EK1.03.XXXXX.X	18	1520 (59,842")	25 (0,984")
EK1.04.XXXXX.X	24	2020 (79,527")	25 (0,984")

OPTICAL FEATURES:

EK1.XX.DXXXX.X	Opal diffuser 109°
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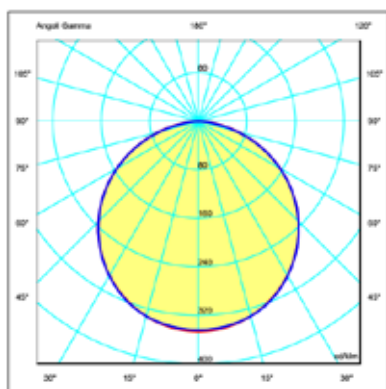
LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X92XX.X	R, G, B	80

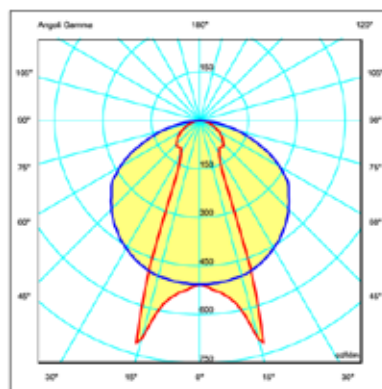
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

GENERAL INFORMATIONS:

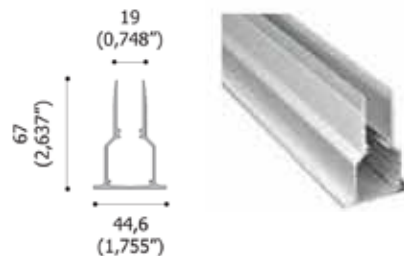
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 RGB move DATA-SHEET

RECESSING BOXES:

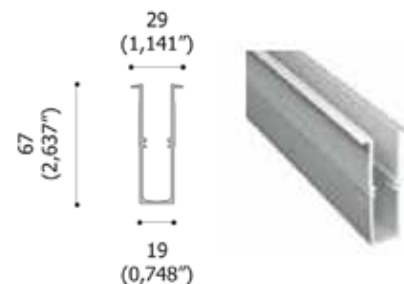
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

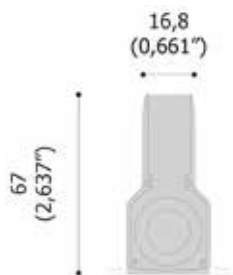
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

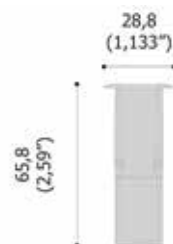
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



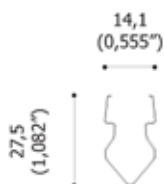
ACC.0004.0

tool for pulling out the module from the housing box



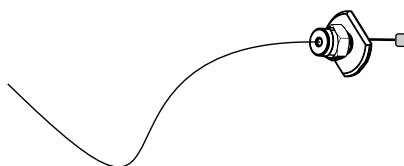
ACC.0006.0

fixing spring

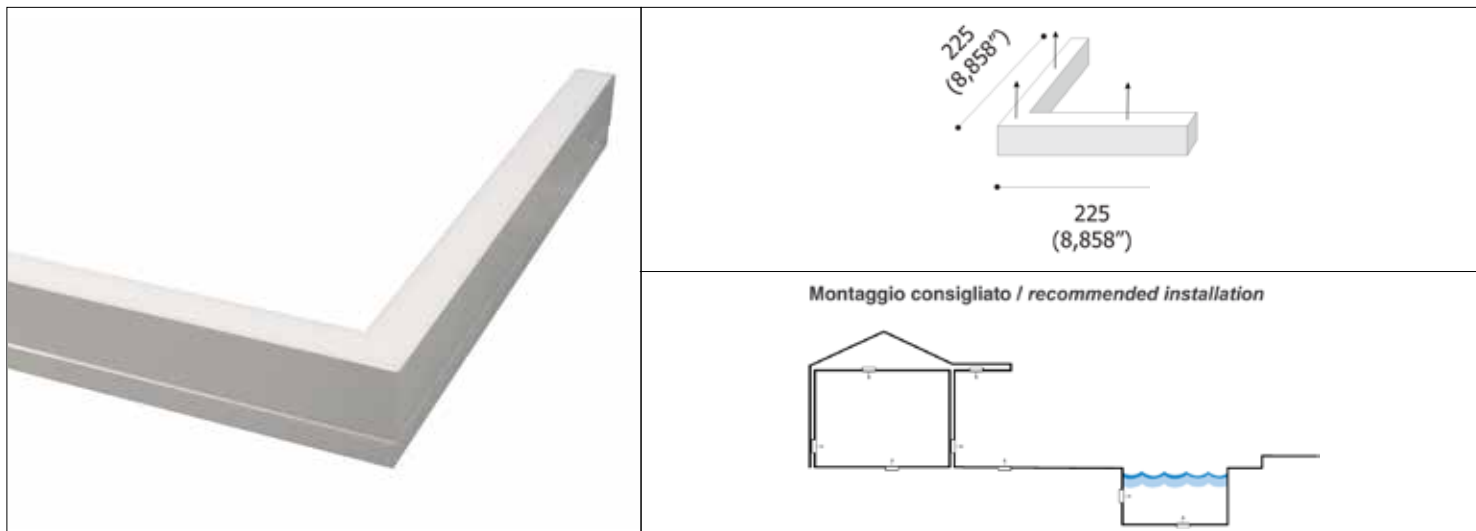


ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	3 W
Light Source	Mid-Power LED 140-180 lm/W
Pitch	20 mm (0,787'')
Color Temperature	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21)
Optics	Transparent or Opal 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 2x0,75mm ² (AWG18) Red;Black+1x0,5mm ² (AWG20) Violet L. 1 m (3,28 ft).
Weigth	360 g (12,69 oz)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



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

Specifications are subject to change without notice.

EK1 Corner Monochromatic DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK1.51.XXXXX.X	3	225x225 (8,858"x8,858")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.X	Transparent diffuser 45°
EK1.XX.DXXXX.X	Opal diffuser 109°

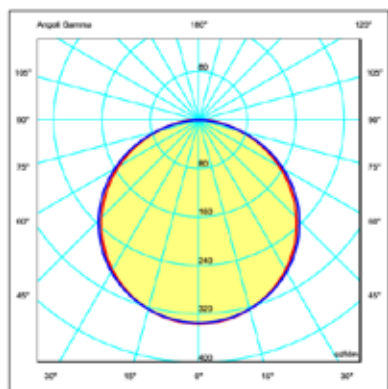
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK1.XX.X27XX.X	2700K warm white	107	>80	MacAdam 3-step
EK1.XX.X30XX.X	3000K warm white	107	>80	MacAdam 3-step
EK1.XX.X33XX.X	3300K warm white	107	>80	MacAdam 3-step
EK1.XX.X37XX.X	3700K neutral white	139	>80	MacAdam 3-step
EK1.XX.X52XX.X	5200K cool white	160	>80	MacAdam 3-step

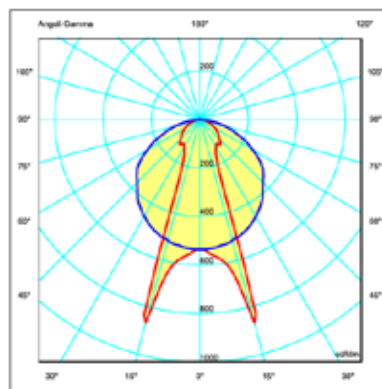
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

GENERAL INFORMATIONS:

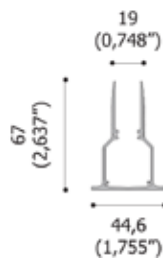
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 Corner Monochromatic DATA-SHEET

RECESSING BOXES:

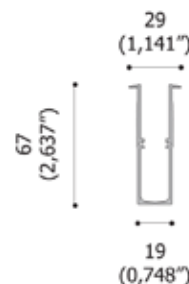
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")

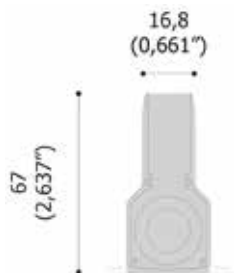


*For corner or external edge products, order a linear recessing box to be cut on site.

ACCESSORIES:

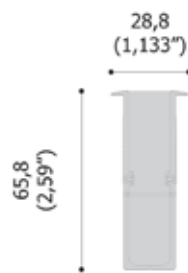
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



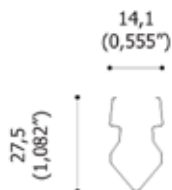
ACC.0004.0

tool for pulling out the module from the housing box



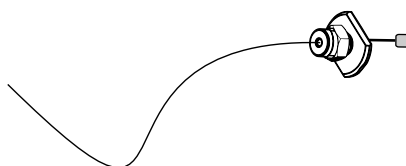
ACC.0006.0

fixing spring



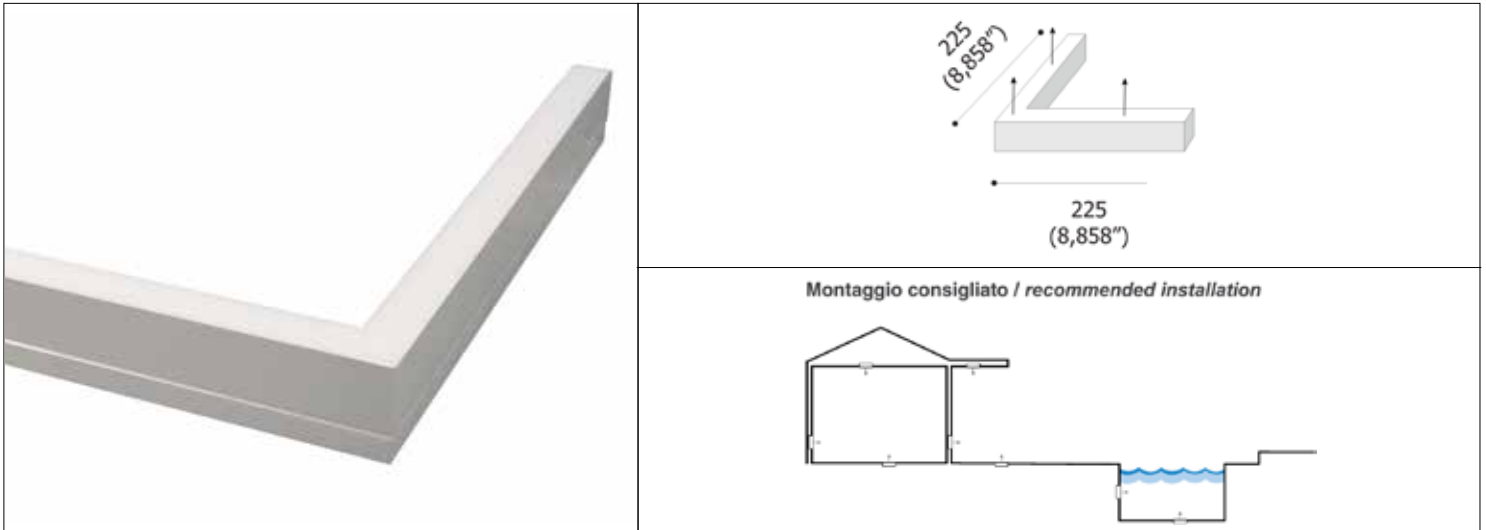
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	6 W
Light Source	Signal LED
Pitch	20 mm (0,787'')
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal 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	2x AWM style 20233 2x0,75mm ² (AWG18) Red;Black+3x0,5mm ² (AWG20) Red/black, Green/black, Blue/black) L. 1 m (3,28 ft).
Weigth	421 g (14,85 oz)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



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

Specifications are subject to change without notice.

www.aldabra.it

EK1 Corner RGB DATA-SHEET

GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK1.51.XXXXX.X	6	225x225 (8,858"x8,858")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.X	Transparent diffuser 45°
EK1.XX.DXXXX.X	Opal diffuser 109°

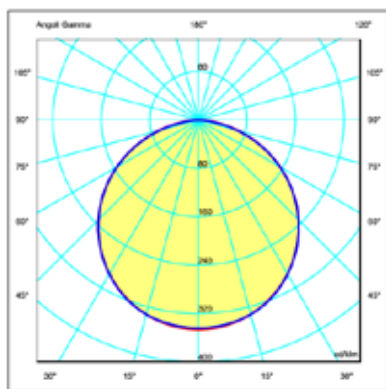
LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X90XX.X	R, G, B,	100

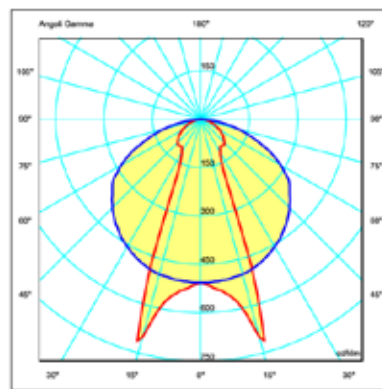
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

GENERAL INFORMATIONS:

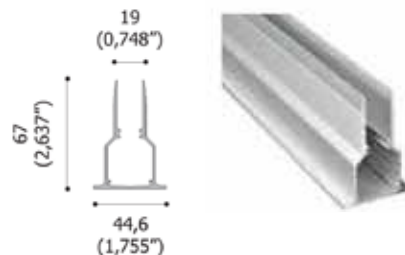
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 Corner RGB DATA-SHEET

RECESSING BOXES:

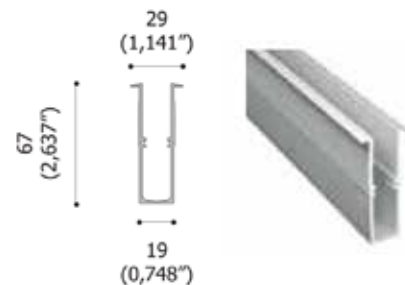
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")

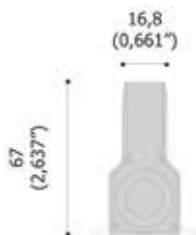


*For corner or external edge products, order a linear recessing box to be cut on site.

ACCESSORIES:

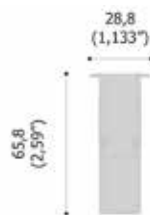
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



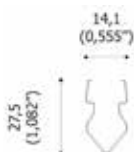
ACC.0004.0

tool for pulling out the module from the housing box



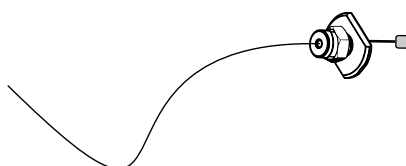
ACC.0006.0

fixing spring

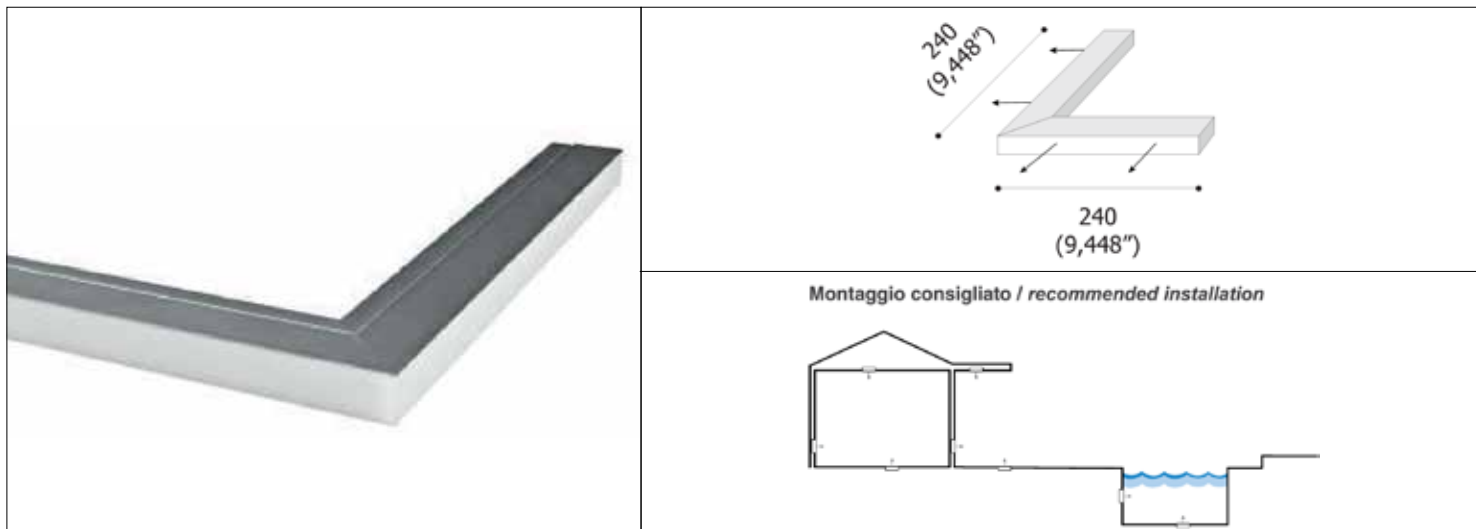


ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage (±5%)
Power	3 W
Light Source	Mid-Power LED 140-180 lm/W
Pitch	20 mm (0,787")
Color Temperature	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21)
Optics	Transparent or Opal 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 2x0,75mm ² (AWG18) Red;Black+1x0,5mm ² (AWG20) Violet L. 1 m (3,28 ft).
Weigth	384 g (13,54 oz)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



AGA STOP Only for constant current versions

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

Specifications are subject to change without notice.

EK1 External edge Monochromatic DATA-SHEET

GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK1.52.XXXXX.X	3	240x240 (9,448"x9,448")	20 (0,787")

OPTICAL FEATURES:

EK1.XX. T XXXX.X	Transparent diffuser 45°
EK1.XX. D XXXX.X	Opal diffuser 109°

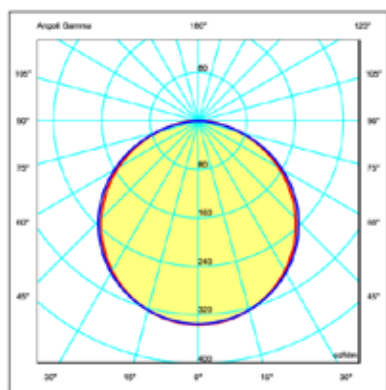
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK1.XX.X 27 XX.X	2700K warm white	107	>80	MacAdam 3-step
EK1.XX.X 30 XX.X	3000K warm white	107	>80	MacAdam 3-step
EK1.XX.X 33 XX.X	3300K warm white	107	>80	MacAdam 3-step
EK1.XX.X 37 XX.X	3700K neutral white	139	>80	MacAdam 3-step
EK1.XX.X 52 XX.X	5200K cool white	160	>80	MacAdam 3-step

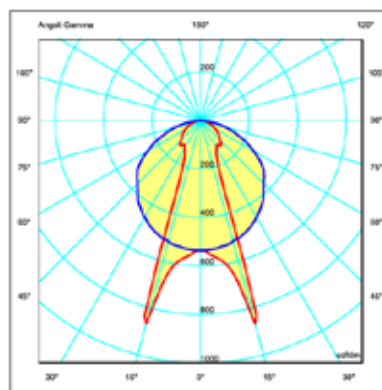
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXX A1 .X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

GENERAL INFORMATIONS:

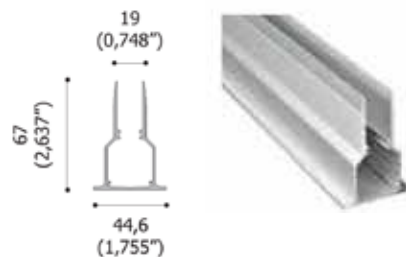
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 External edge Monochromatic DATA-SHEET

RECESSING BOXES:

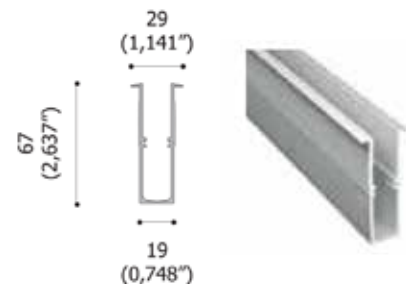
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")

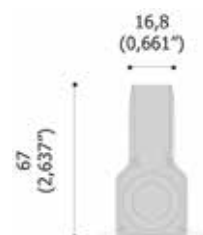


*For corner or external edge products, order a linear recessing box to be cut on site.

ACCESSORIES:

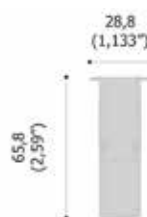
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



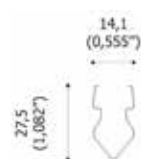
ACC.0004.0

tool for pulling out the module from the housing box



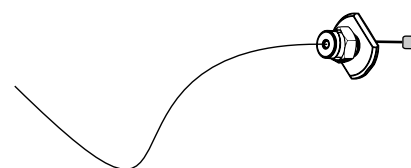
ACC.0006.0

fixing spring



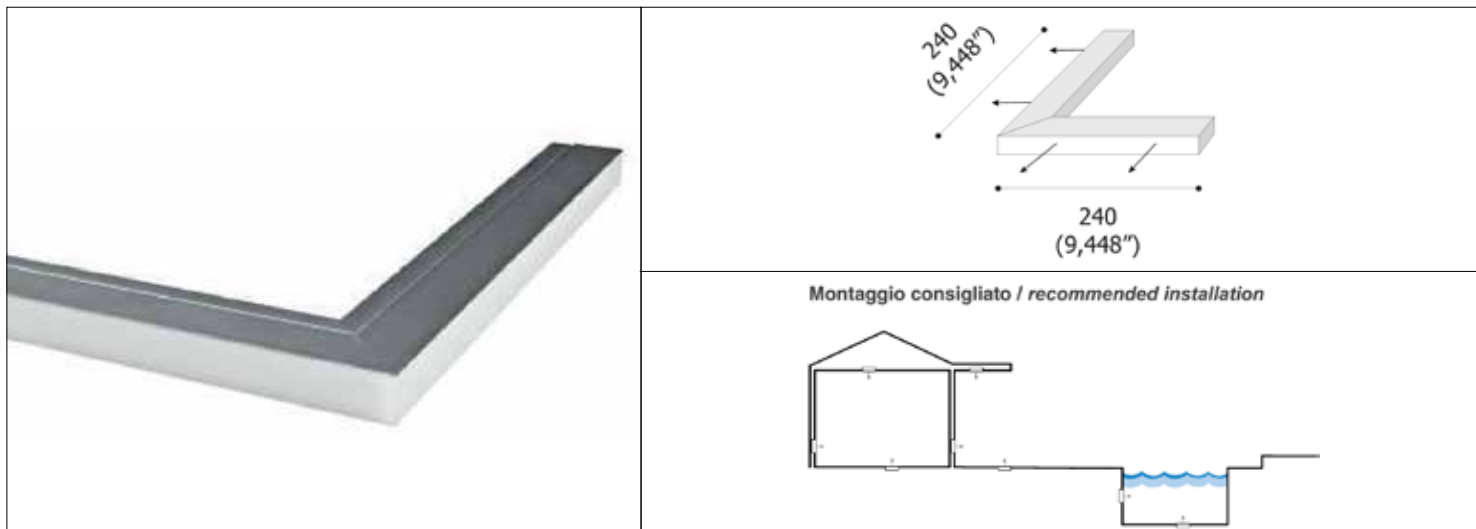
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 External edge 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 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.

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	6 W
Light Source	Signal LED
Pitch	20 mm (0,787")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal 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	2x AWM style 20233 2x0,75mm ² (AWG18) Red;Black+3x0,5mm ² (AWG20) Red/black, Green/black, Blue/black) L. 1 m (3,28 ft).
Weigth	445 g (15,69 oz)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



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

EK1 External edge RGB DATA-SHEET

GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK1.52.XXXXX.X	6	240x240 (9,448"x9,448")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.X	Transparent diffuser 45°
EK1.XX.DXXXX.X	Opal diffuser 109°

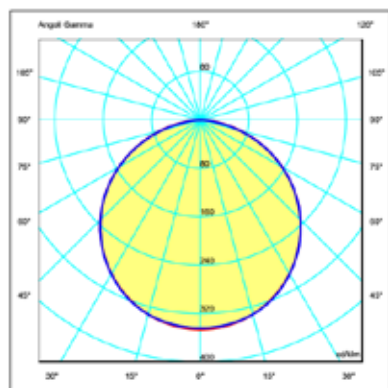
LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X90XX.X	R, G, B,	100

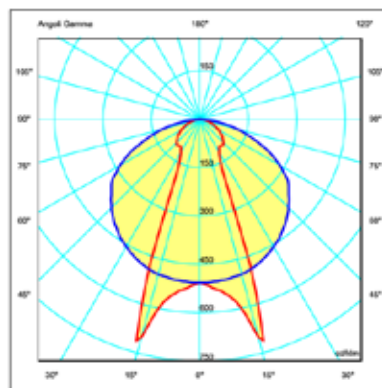
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXA1.X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

GENERAL INFORMATIONS:

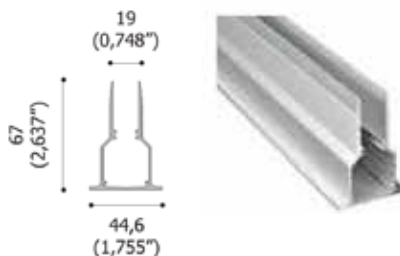
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK1 External edge RGB DATA-SHEET

RECESSING BOXES:

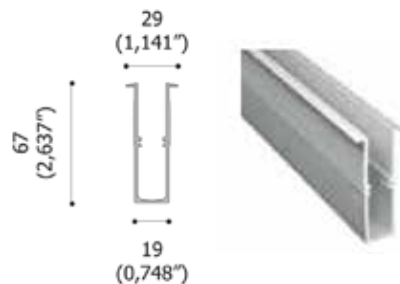
Type A - anodized aluminium

- CSF.0001.0** trimless recessing box 520 mm (20,472")
- CSF.0002.0** trimless recessing box 1020 mm (40,157")
- CSF.0003.0** trimless recessing box 1520 mm (59,842")
- CSF.0004.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")

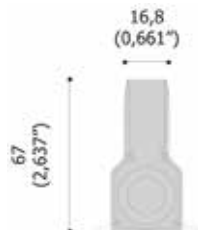


*For corner or external edge products, order a linear recessing box to be cut on site.

ACCESSORIES:

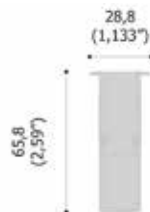
ACC.0001.0

couple of end caps for recessing box type A



ACC.0002.0

couple of end caps for recessing box type B



ACC.0003.0

alignment kit for housing boxes type A and B



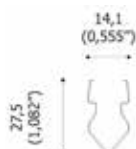
ACC.0004.0

tool for pulling out the module from the housing box



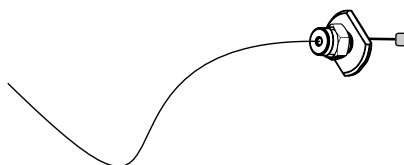
ACC.0006.0

fixing spring

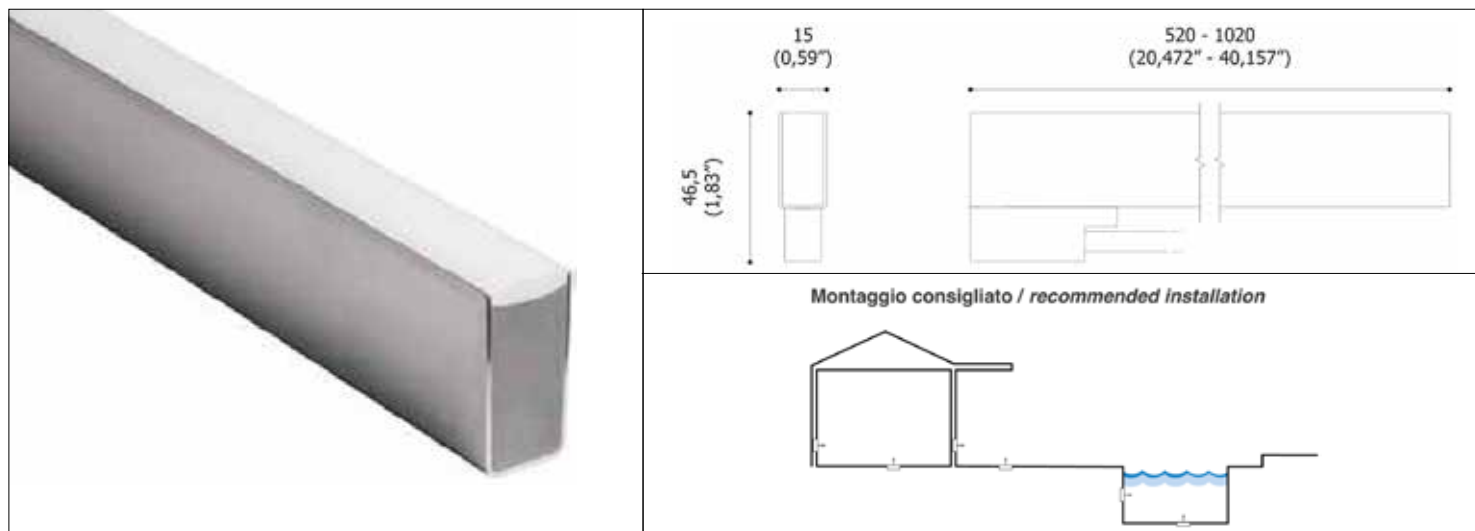


ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



EK1 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:

Materials	Stainless steel 316L ; Resins
Finishes	Satin stainless steel
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	8 W/m
Light Source	Mid-Power LED 140-180 lm/W
Pitch	20 mm (0,787")
Color Temperature	2700 K ; 3000 K ; 3300 K ; 3700 K ; 5200 K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21)
Optics	Transparent or Opal 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 2x0,75mm ² (AWG18) Red;Black+1x0,5mm ² (AWG20) Violet L. 5 m (16,40 ft).
Weigth	1100 g/m (11,82 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , recessed - immersion
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

Specifications are subject to change without notice.

EK1 Monochromatic Stainless Steel UL version DATA-SHEET

GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK1.01.XXXXX.U	4	520 (20,472")	20 (0,787")
EK1.02.XXXXX.U	8	1020 (40,157")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.U	Transparent diffuser 45°
EK1.XX.DXXXX.U	Opal diffuser 109°

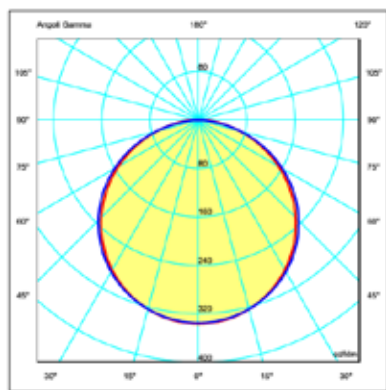
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK1.XX.X27XX.U	2700K warm white	107	>80	MacAdam 3-step
EK1.XX.X30XX.U	3000K warm white	107	>80	MacAdam 3-step
EK1.XX.X33XX.U	3300K warm white	107	>80	MacAdam 3-step
EK1.XX.X37XX.U	3700K neutral white	139	>80	MacAdam 3-step
EK1.XX.X52XX.U	5200K cool white	160	>80	MacAdam 3-step

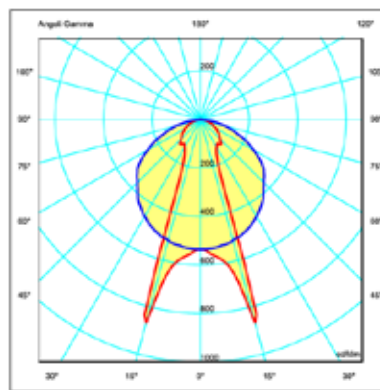
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXS1.U	Satin stainless steel
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opal diffuser 109°



transparent diffuser 45°

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.

EK1 Monochromatic Stainless Steel UL version DATA-SHEET

RECESSING BOXES:

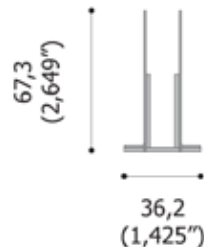
Type A - anodized aluminium

CSF.0103.0

trimless recessing box 520 mm (20,472")

CSF.0104.0

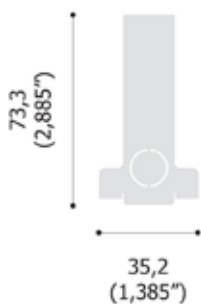
trimless recessing box 1020 mm (40,157")



ACCESSORIES:

ACC.0145.0

couple of end caps for stainless steel recessing box



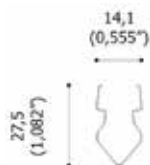
ACC.0004.0

tool for pulling out the module from the housing box



ACC.0006.0

fixing spring

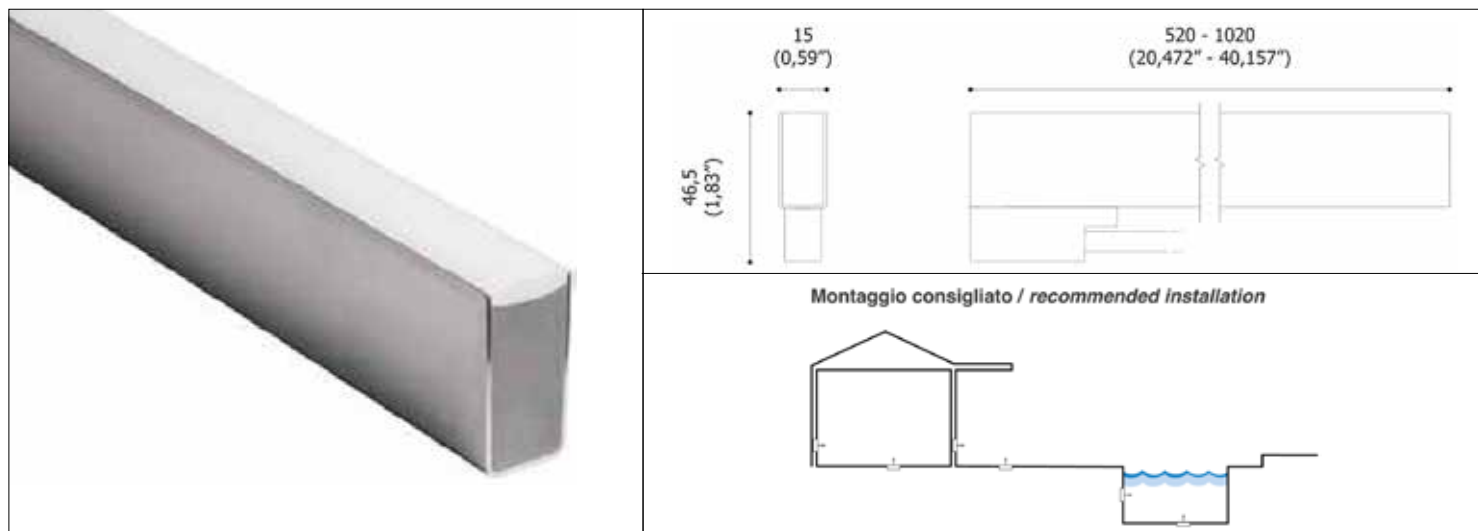


ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

EK1 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:

Materials	Stainless steel 316L ; Resins
Finishes	Satin stainless steel
Power Supply	24 Vdc constant voltage ($\pm 5\%$)
Power	15 W/m
Light Source	Signal LED
Pitch	20 mm (0,787")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal 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 RGB	AWM style 20233 2x0,75mm ² (AWG18) Red;Black+3x0,5mm ² (AWG20) Red/black, Green/black, Blue/black L. 5 m (16,40 ft).
Weigth	1100 g/m (11,82 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	2000 Kg (4409,2 Lbs)
Installations	Ground, Wall , recessed - immersion
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

Specifications are subject to change without notice.

www.aldabra.it

ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

EK1 RGB Stainless steel UL version

DATA-SHEET

GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
EK1.01.XXXXX.U	8	520 (20,472")	20 (0,787")
EK1.02.XXXXX.U	15	1020 (40,157")	20 (0,787")

OPTICAL FEATURES:

EK1.XX.TXXXX.U	Transparent diffuser 45°
EK1.XX.DXXXX.U	Opal diffuser 109°

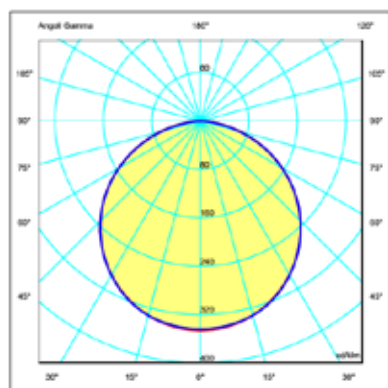
LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X90XX.U	R, G, B	100

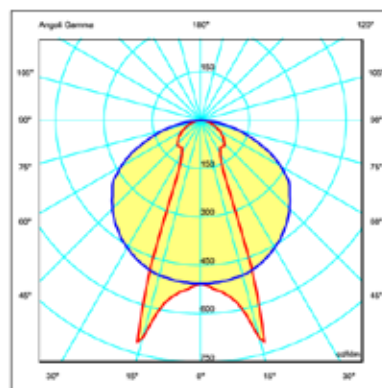
*delivered luminous flux (opal)

FINISHES FEATURES:

EK1.XX.XXXS1.U	Satin stainless steel
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opal diffuser 109°



transparent diffuser 45°

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

EK1 RGB Stainless steel UL version

DATA-SHEET

RECESSING BOXES:

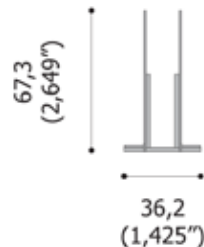
Type A - anodized aluminium

CSF.0103.0

trimless recessing box 520 mm (20,472")

CSF.0104.0

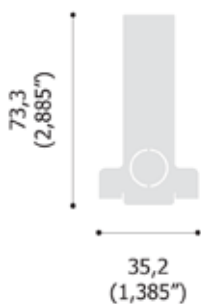
trimless recessing box 1020 mm (40,157")



ACCESSORIES:

ACC.0145.0

couple of end caps for stainless steel recessing box



ACC.0004.0

tool for pulling out the module from the housing box



ACC.0006.0

fixing spring

