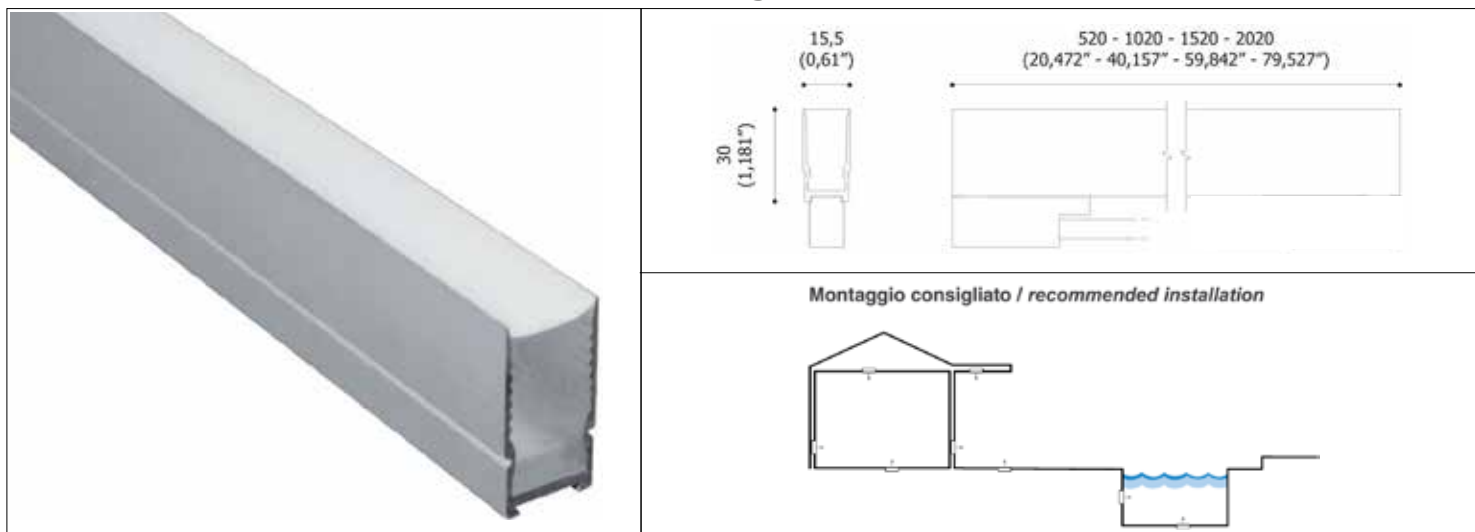


## EK1 Monochromatic DATA-SHEET



### 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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	8 W/m ; 20W/m
<b>Light Source</b>	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
<b>Pitch</b>	20 mm (0,787") ; 8,33mm (0,315")
<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 L80 B10 @50000h)
<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>	800 g/m (8,603 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



### 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)

## EK1 Monochromatic DATA-SHEET

### GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
<b>EK1.01.XXXXX.X</b>	4	520 (20,472")	20 (0,787")
<b>EK1.02.XXXXX.X</b>	8	1020 (40,157")	20 (0,787")
<b>EK1.03.XXXXX.X</b>	12	1520 (59,842")	20 (0,787")
<b>EK1.04.XXXXX.X</b>	15	2020 (79,527")	20 (0,787")
	power W	length mm (in)	pitch mm (in)
<b>EK1.21.XXXXX.X</b>	9	520 (20,472")	8,33 (0,315")
<b>EK1.22.XXXXX.X</b>	20	1020 (40,157")	8,33 (0,315")
<b>EK1.23.XXXXX.X</b>	30	1520 (59,842")	8,33 (0,315")
<b>EK1.24.XXXXX.X</b>	40	2020 (79,527")	8,33 (0,315")

### OPTICAL FEATURES:

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

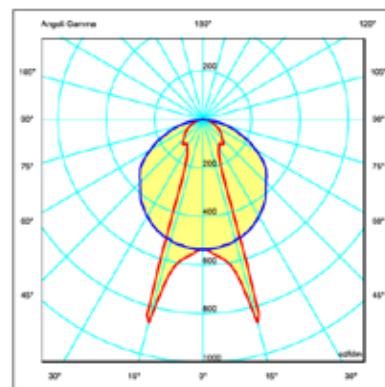
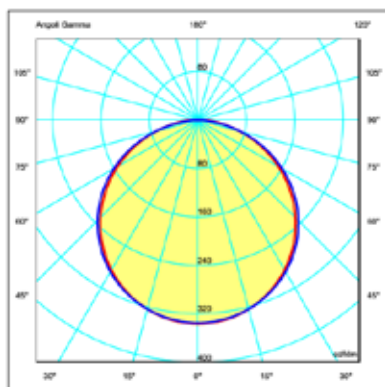
### LIGHT FEATURES:

	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:

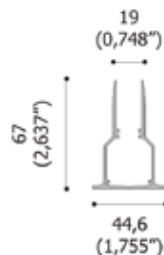
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

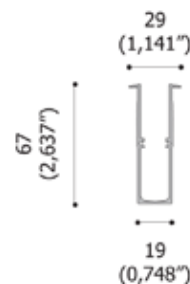
Type A - anodized aluminium

- 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

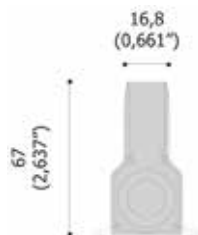
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



### ACCESSORIES:

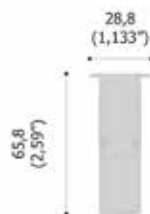
#### ACC.0001.0

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



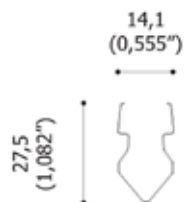
#### ACC.0004.0

tool for pulling out the module from the housing box



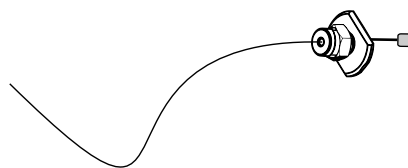
#### ACC.0006.0

fixing spring

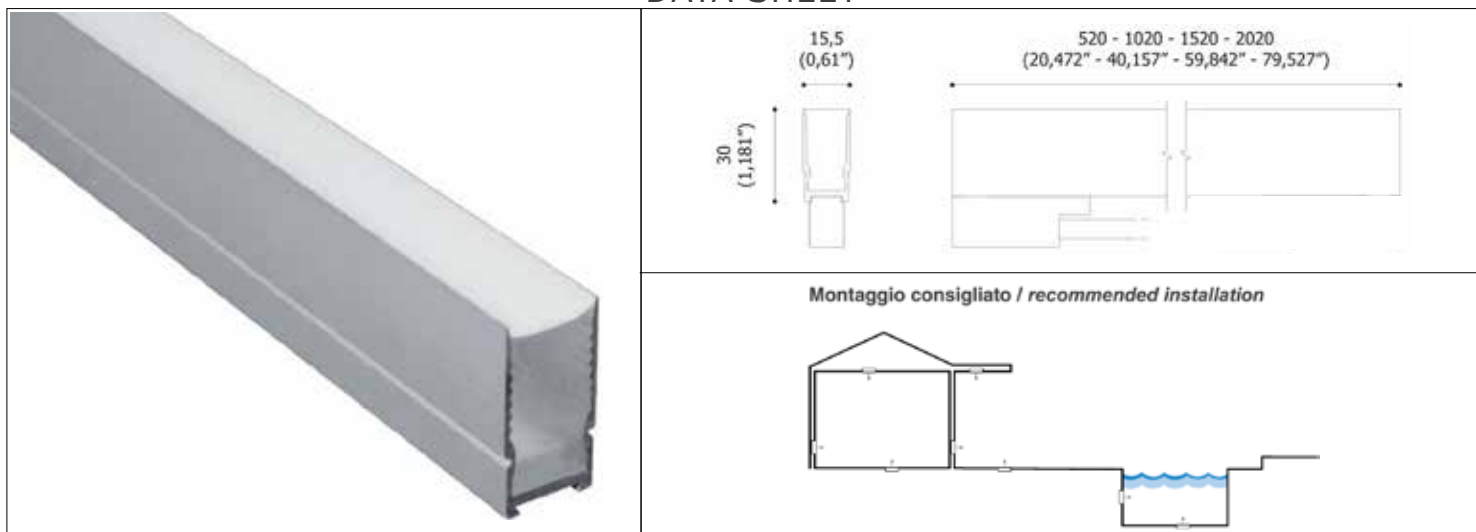


#### ACC.0028.0

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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	15 W/m
<b>Light Source</b>	Signal LED LM 80 COMPLIANT
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (TM21 L80 B10 @50000h)
<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>	800 g/m (8,603 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



### 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)

## EK1 RGB DATA-SHEET

### GENERAL FEATURES:

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

### OPTICAL FEATURES:

EK1.XX. <b>T</b> XXXX.X	Transparent diffuser 45°
EK1.XX. <b>D</b> XXXX.X	Opal diffuser 109°

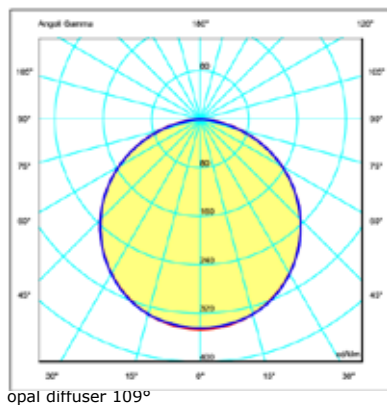
### LIGHT FEATURES:

	Signal LED	lm/m*
EK1.XX.X <b>90</b> XX.X	R, G, B	100

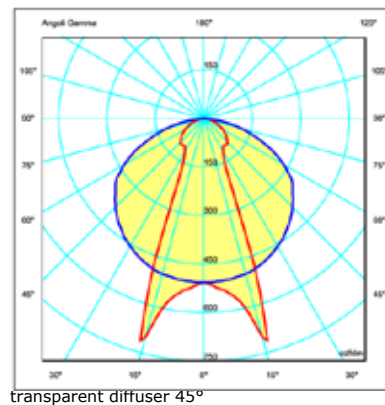
\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK1.XX.XXX <b>A1</b> .X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

### GENERAL INFORMATIONS:

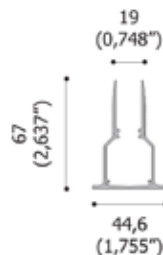
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

### RECESSING BOXES:

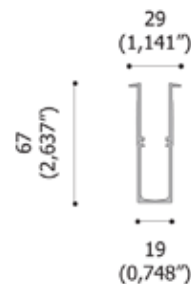
Type A - anodized aluminium

- 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

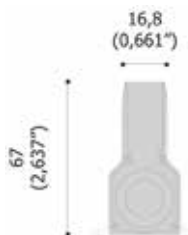
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



### ACCESSORIES:

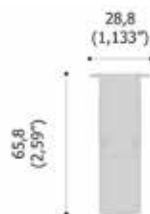
#### ACC.0001.0

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



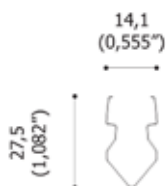
#### ACC.0004.0

tool for pulling out the module from the housing box



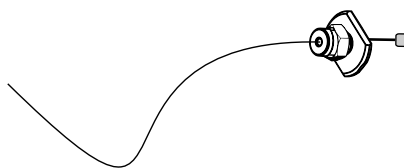
#### ACC.0006.0

fixing spring

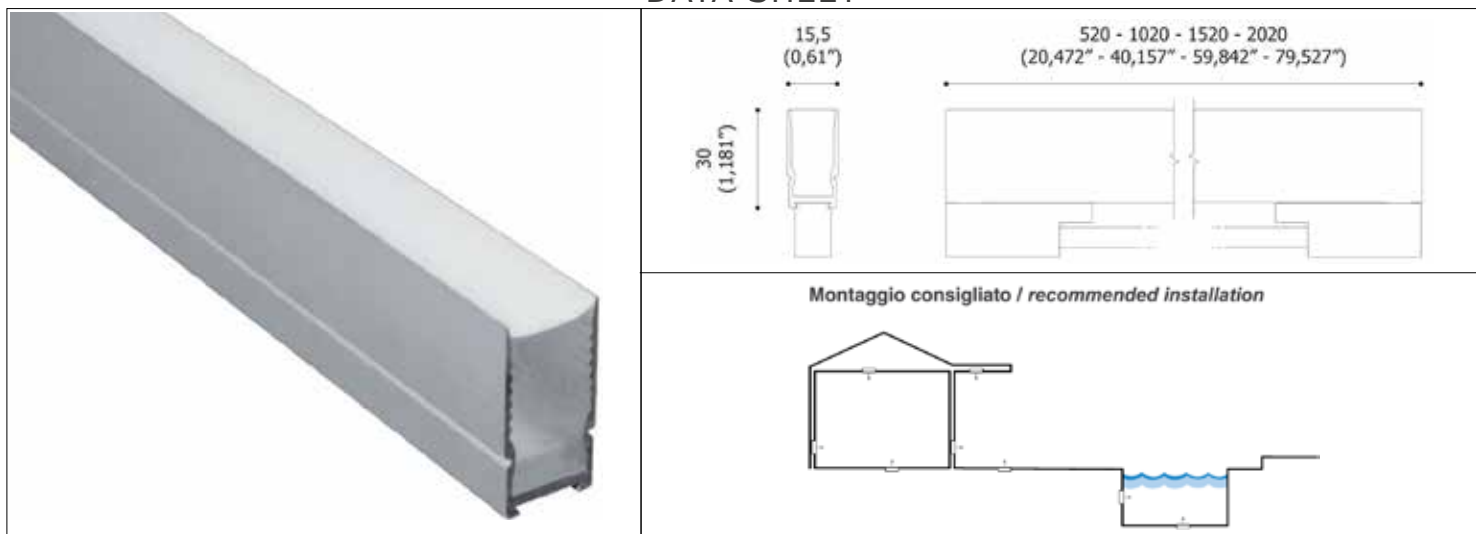


#### ACC.0028.0

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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	12 W/m
<b>Light Source</b>	Signal LED LM 80 COMPLIANT
<b>Pitch</b>	25 mm (0,984")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (TM21 L80 B10 @50000h)
<b>Optics</b>	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>	800 g/m (8,603 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



### 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)



## EK1 RGB move DATA-SHEET

### GENERAL FEATURES:

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

### OPTICAL FEATURES:

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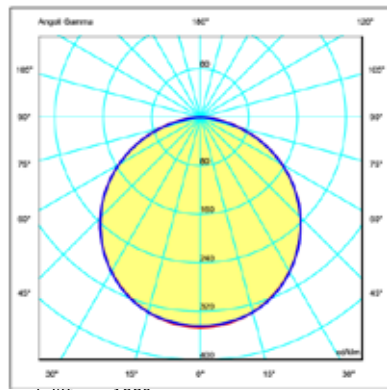
### LIGHT FEATURES:

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

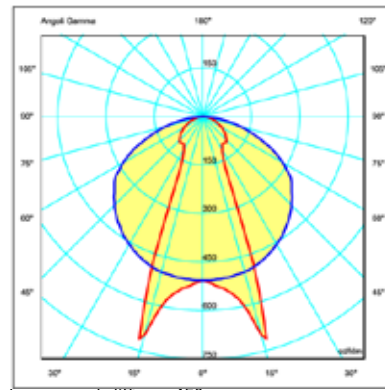
\*delivered luminous flux (opal)

### 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.

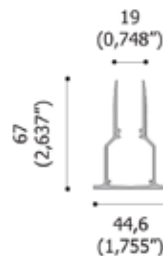


## EK1 RGB move DATA-SHEET

### RECESSING BOXES:

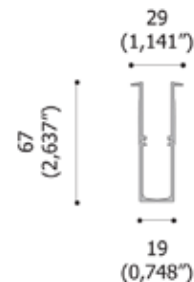
Type A - anodized aluminium

- 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

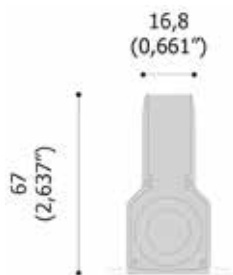
- CSF.0005.0** recessing box with trim 520 mm (20,472")
- CSF.0006.0** recessing box with trim 1020 mm (40,157")
- CSF.0007.0** recessing box with trim 1520 mm (59,842")
- CSF.0008.0** recessing box with trim 2020 mm (79,527")



### ACCESSORIES:

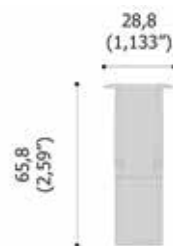
#### ACC.0001.0

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



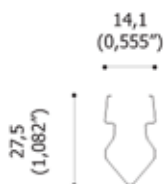
#### ACC.0004.0

tool for pulling out the module from the housing box



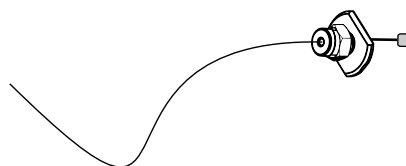
#### ACC.0006.0

fixing spring

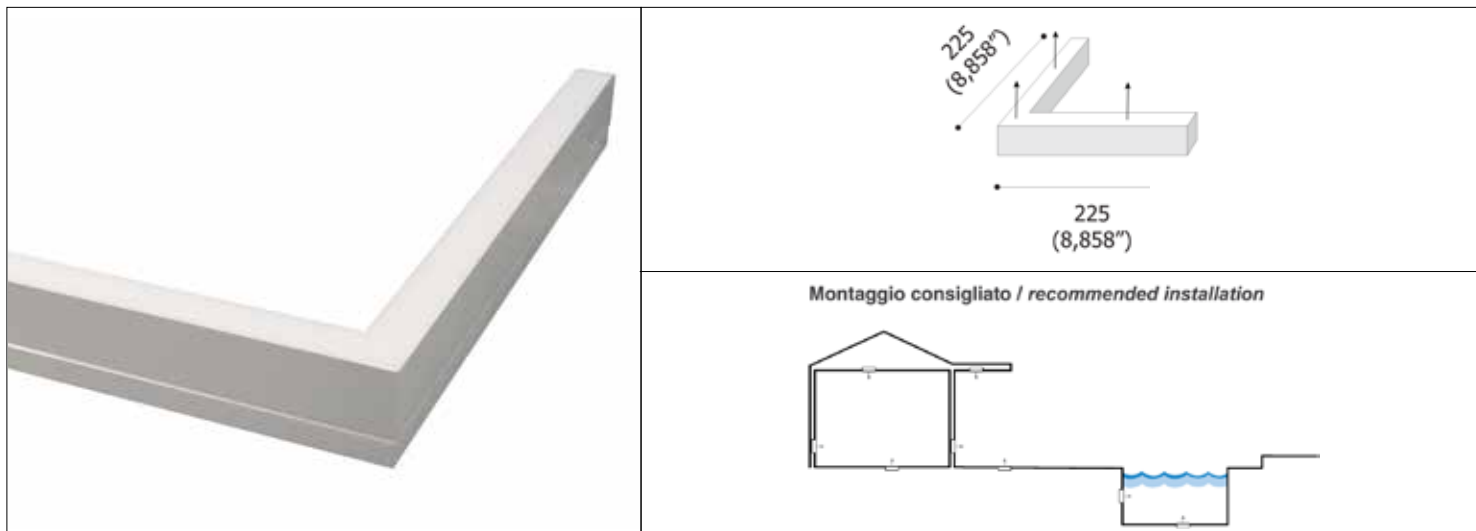


#### ACC.0028.0

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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	3 W
<b>Light Source</b>	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
<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 L80 B10 @50000h)
<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>	360 g (12,69 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



### NOTE:

IP68 30 m

1382°F

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)

## EK1 Corner Monochromatic DATA-SHEET

### GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
<b>EK1.51.XXXXX.X</b>	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°

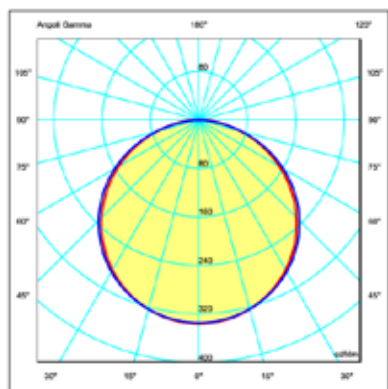
### LIGHT FEATURES:

	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

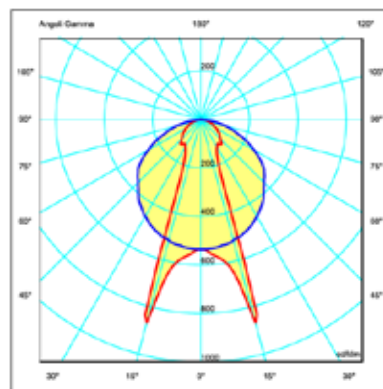
\*delivered luminous flux (opal)

### FINISHES FEATURES:

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



transparent diffuser 45°

### GENERAL INFORMATIONS:

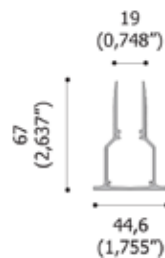
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

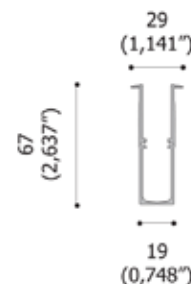
Type A - anodized aluminium

- 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")

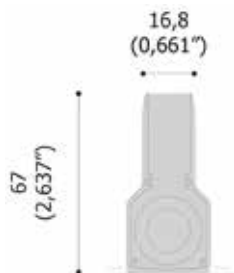


\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

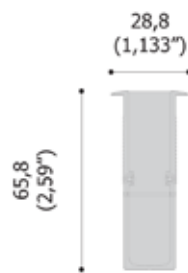
#### ACC.0001.0

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



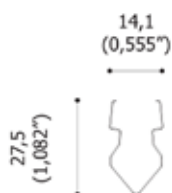
#### ACC.0004.0

tool for pulling out the module from the housing box



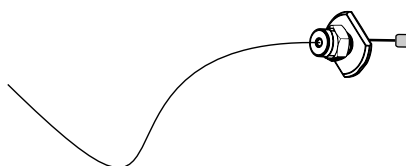
#### ACC.0006.0

fixing spring



#### ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall





## EK1 Corner RGB DATA-SHEET

### 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°

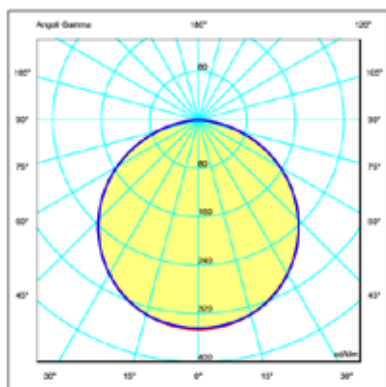
### LIGHT FEATURES:

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

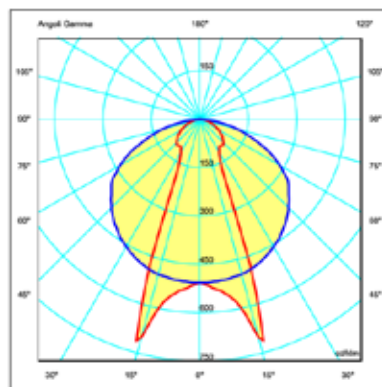
\*delivered luminous flux (opal)

### FINISHES FEATURES:

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



transparent diffuser 45°

### GENERAL INFORMATIONS:

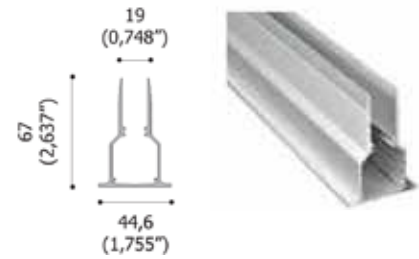
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

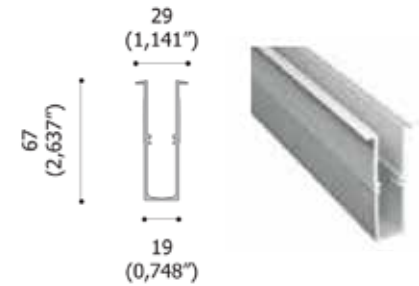
Type A - anodized aluminium

- 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")

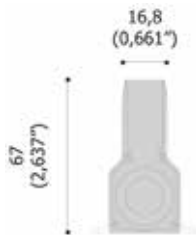


\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

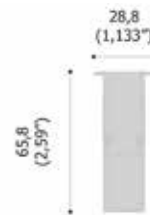
#### ACC.0001.0

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



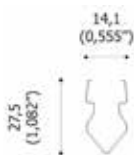
#### ACC.0004.0

tool for pulling out the module from the housing box



#### ACC.0006.0

fixing spring



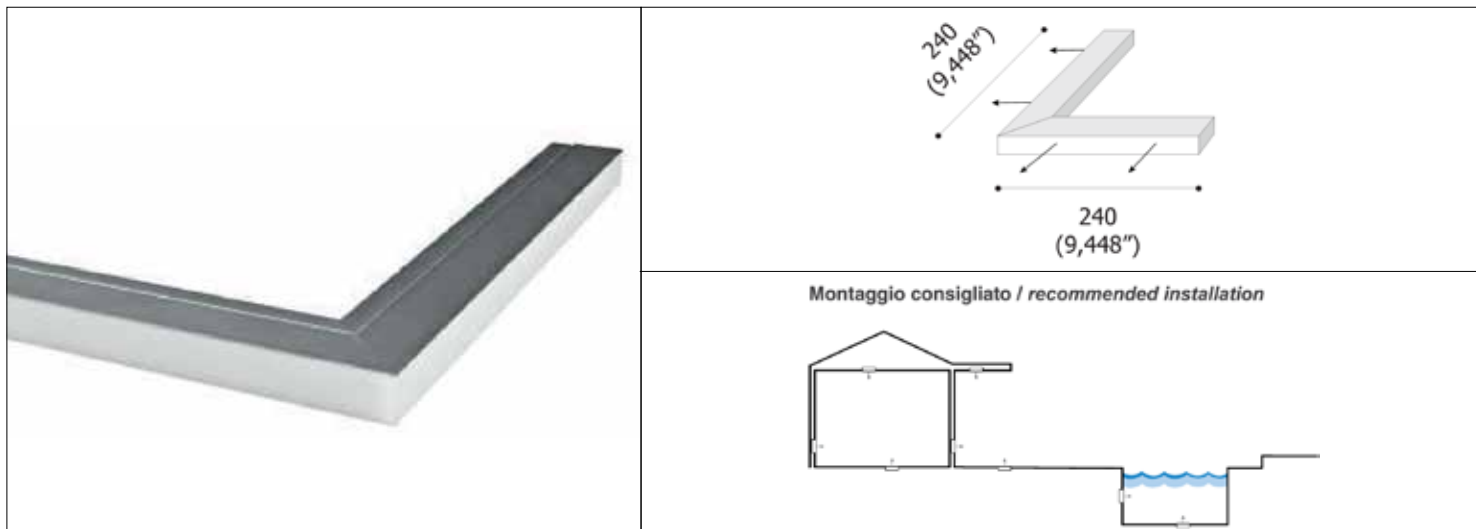
#### ACC.0028.0

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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	3 W
<b>Light Source</b>	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
<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 L80 B10 @50000h)
<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>	384 g (13,54 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



### NOTE:

IP68 30 m

1382°F

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.

## EK1 External edge Monochromatic DATA-SHEET

### GENERAL FEATURES:

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

### OPTICAL FEATURES:

EK1.XX. <b>T</b> XXXX.X	Transparent diffuser 45°
EK1.XX. <b>D</b> XXXX.X	Opal diffuser 109°

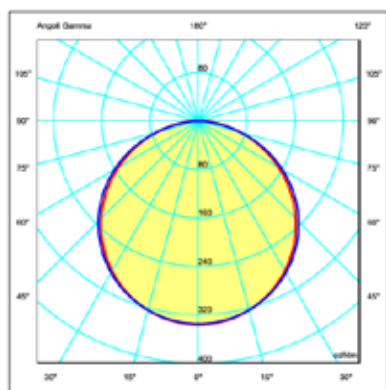
### LIGHT FEATURES:

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

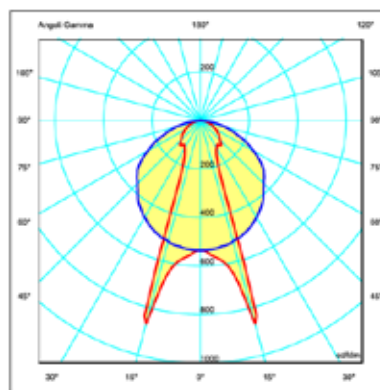
\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK1.XX.XXX <b>A1</b> .X	Anodized Aluminum
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opal diffuser 109°



transparent diffuser 45°

### GENERAL INFORMATIONS:

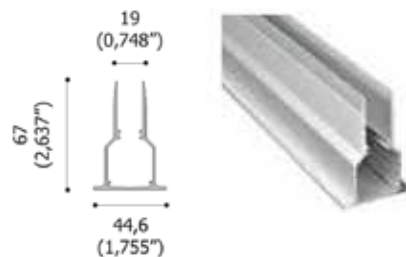
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

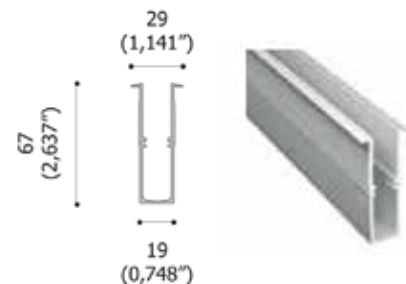
Type A - anodized aluminium

- 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")

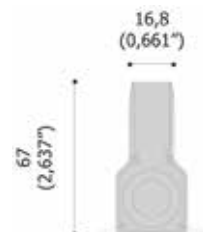


\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

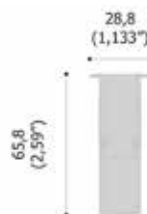
#### ACC.0001.0

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



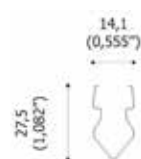
#### ACC.0004.0

tool for pulling out the module from the housing box



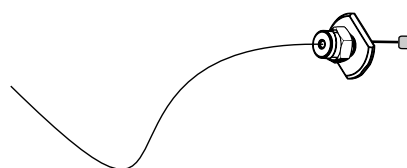
#### ACC.0006.0

fixing spring

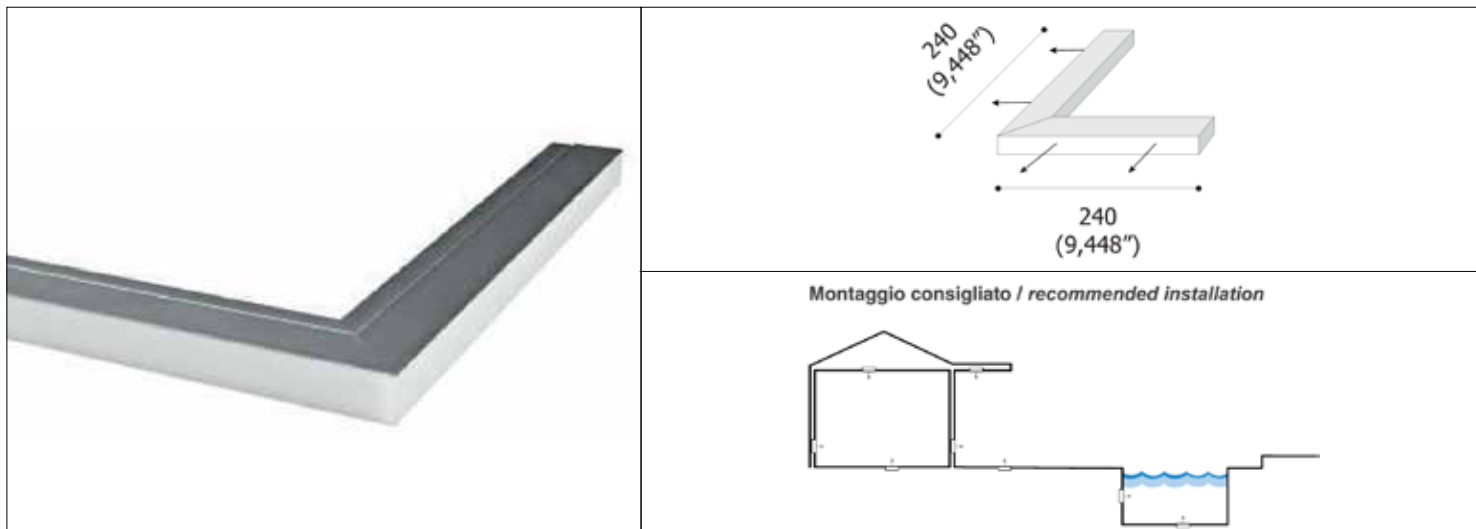


#### ACC.0028.0

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:

<b>Materials</b>	Aluminium ; Resins
<b>Finishes</b>	Anodized Aluminium
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	6 W
<b>Light Source</b>	Signal LED LM 80 COMPLIANT
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (TM21 L80 B10 @50000h)
<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>	445 g (15,69 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



### 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)

## EK1 External edge RGB DATA-SHEET

### GENERAL FEATURES:

	power (W)	length mm (in)	pitch mm (in)
<b>EK1.52.XXXXX.X</b>	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°

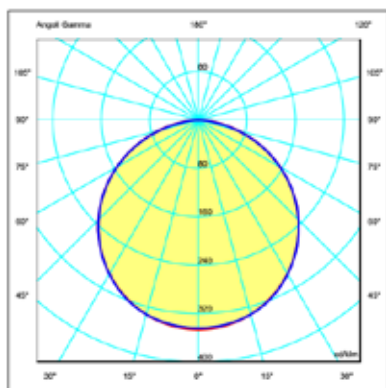
### LIGHT FEATURES:

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

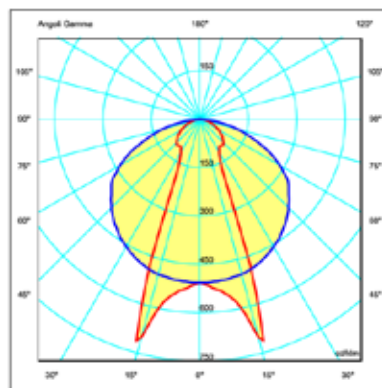
\*delivered luminous flux (opal)

### FINISHES FEATURES:

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



transparent diffuser 45°

### GENERAL INFORMATIONS:

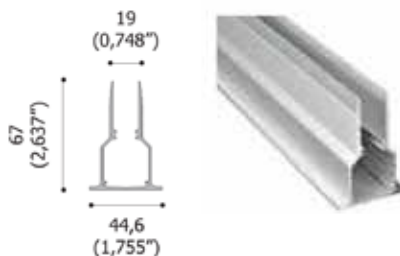
Kindly note that atmospheric agents ( such as lightnings, etc ) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

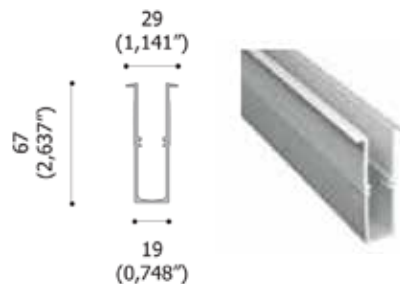
Type A - anodized aluminium

- 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")

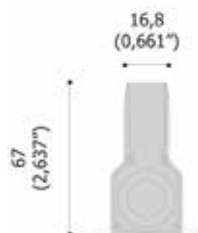


\*For corner or external edge products, order a linear recessing box to be cut on site.

### ACCESSORIES:

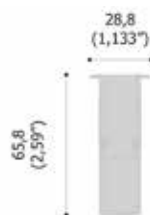
#### ACC.0001.0

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



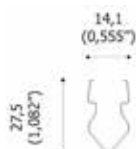
#### ACC.0004.0

tool for pulling out the module from the housing box



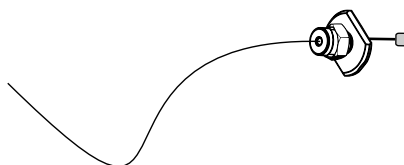
#### ACC.0006.0

fixing spring



#### ACC.0028.0

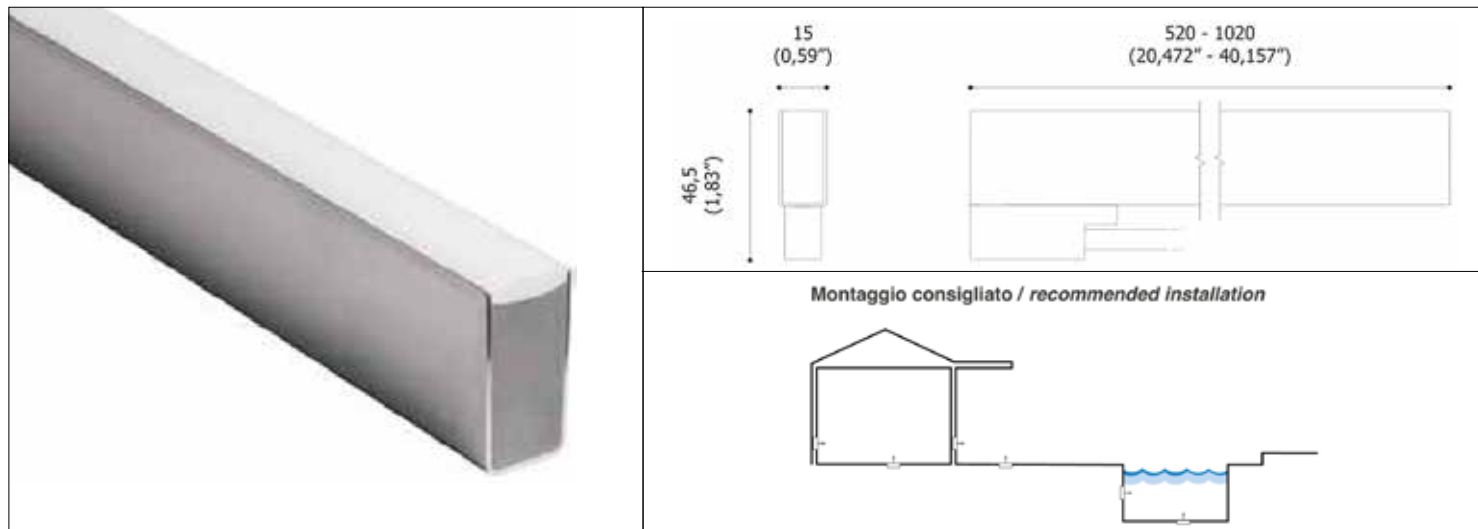
safety steel wire for ceiling installation for preventing accidental fall



## EK1 Monochromatic Stainless Steel

DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL



### 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
<b>Power</b>	8 W/m
<b>Light Source</b>	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
<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 L80 B10 @50000h)
<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>	1100 g/m (11,82 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



### 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.



## EK1 Monochromatic Stainless Steel DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL

### 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")

### OPTICAL FEATURES:

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

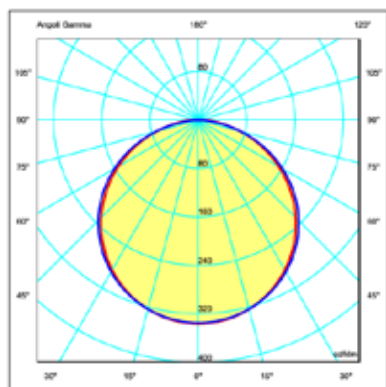
### LIGHT FEATURES:

	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

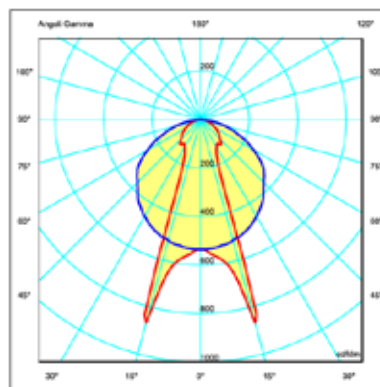
\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK1.XX.XXXS1.X	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 DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL

### RECESSING BOXES:

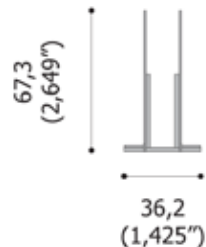
Type A - anodized aluminium

**CSF.0103.0**

trimless recessing box 520 mm (20,472")

**CSF.0104.0**

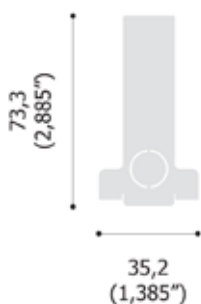
trimless recessing box 1020 mm (40,157")



### ACCESSORIES:

**ACC.0145.0**

couple of end caps for stainless steel recessing box



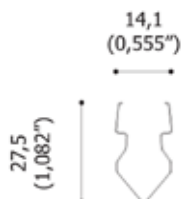
**ACC.0004.0**

tool for pulling out the module from the housing box



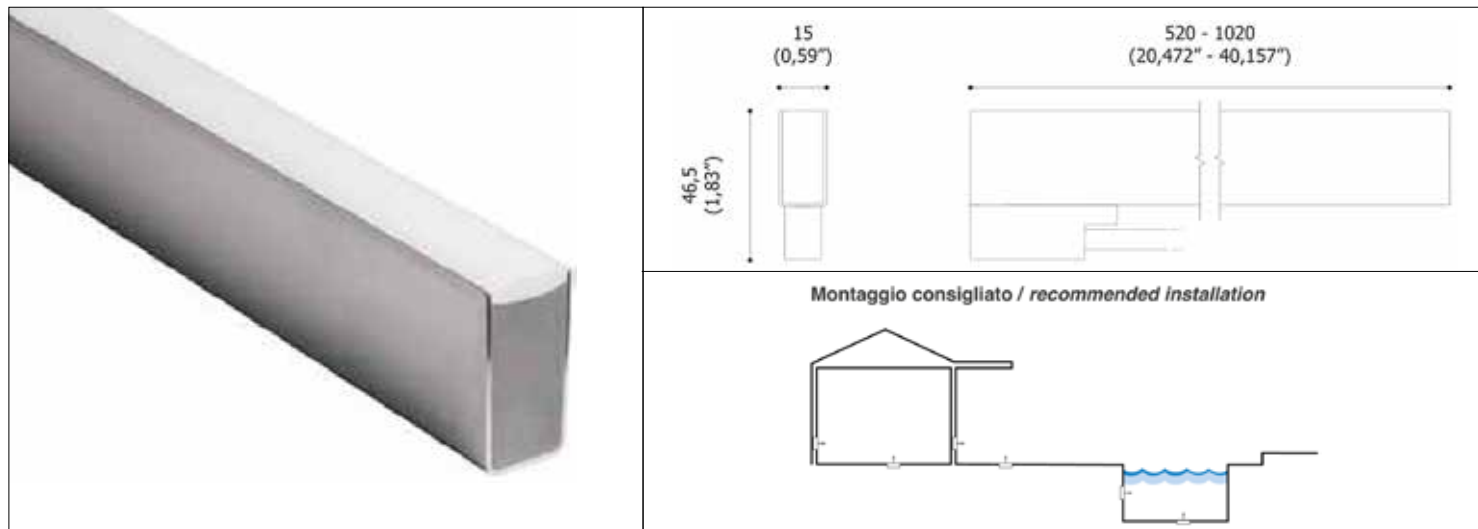
**ACC.0006.0**

fixing spring



## EK1 RGB Stainless steel DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL



### 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
<b>Power</b>	15 W/m
<b>Light Source</b>	Signal LED LM 80 COMPLIANT
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (TM21 L80 B10 @50000h)
<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>	1100 g/m (11,82 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



### 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)

## EK1 RGB Stainless steel DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL

### 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")

### OPTICAL FEATURES:

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

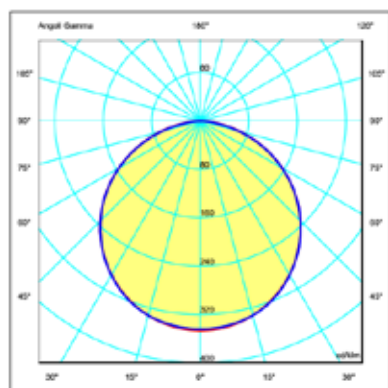
### LIGHT FEATURES:

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

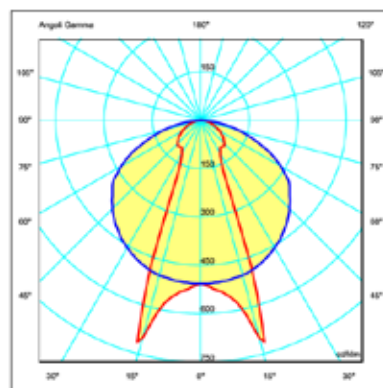
\*delivered luminous flux (opal)

### FINISHES FEATURES:

EK1.XX.XXXS1.X	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 RGB Stainless steel DATA-SHEET

ACCIAIO INOX  
STAINLESS STEEL

### RECESSING BOXES:

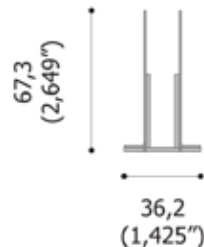
Type A - anodized aluminium

**CSF.0103.0**

trimless recessing box 520 mm (20,472")

**CSF.0104.0**

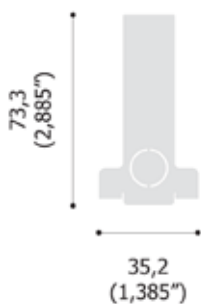
trimless recessing box 1020 mm (40,157")



### ACCESSORIES:

**ACC.0145.0**

couple of end caps for stainless steel recessing box



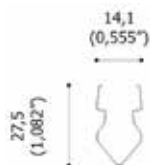
**ACC.0004.0**

tool for pulling out the module from the housing box

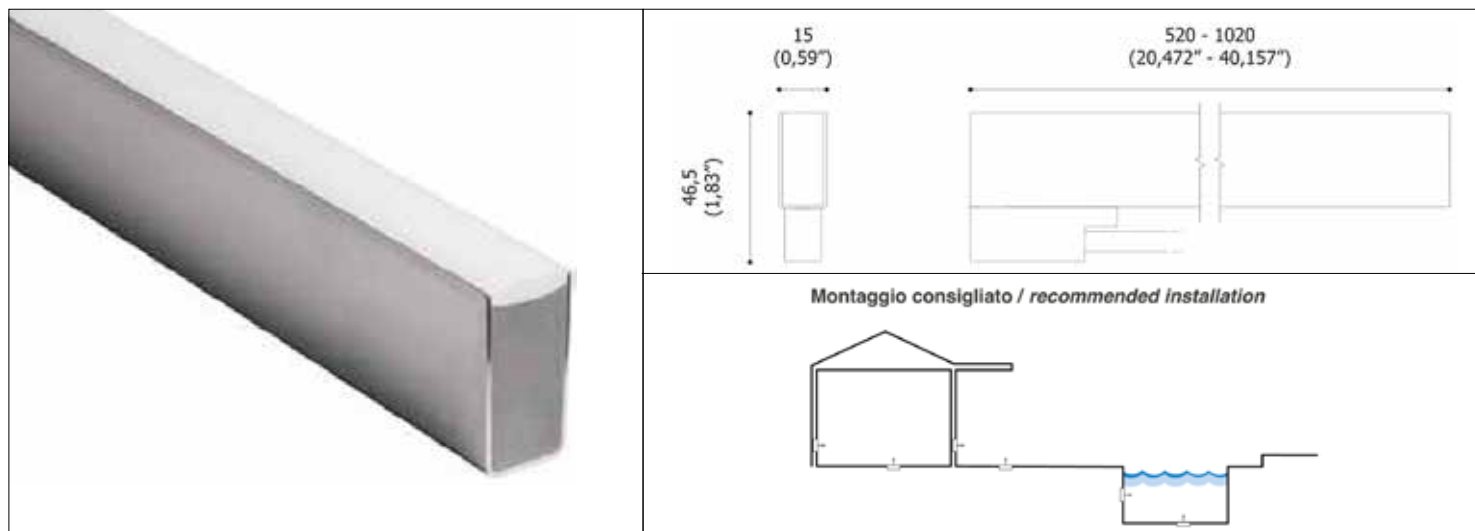


**ACC.0006.0**

fixing spring



## 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:

<b>Materials</b>	Stainless steel 316L ; Resins
<b>Finishes</b>	Satin stainless steel
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	8 W/m
<b>Light Source</b>	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
<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 L80 B10 @50000h)
<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. 5 m (16,40 ft).
<b>Weigth</b>	1100 g/m (11,82 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.

## EK1 Monochromatic Stainless Steel UL version DATA-SHEET

### GENERAL FEATURES:

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

### OPTICAL FEATURES:

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

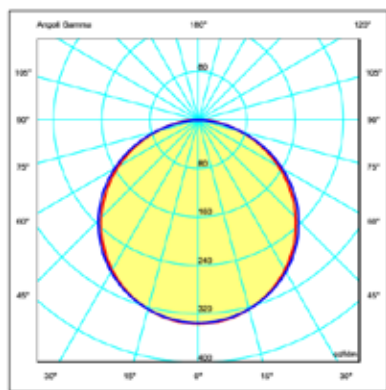
### LIGHT FEATURES:

	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

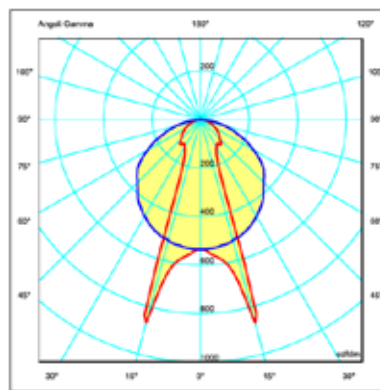
\*delivered luminous flux (opal)

### 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:

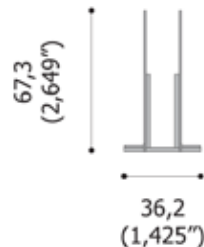
Type A - anodized aluminium

**CSF.0103.0**

trimless recessing box 520 mm (20,472")

**CSF.0104.0**

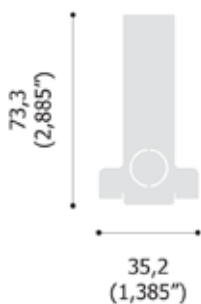
trimless recessing box 1020 mm (40,157")



### ACCESSORIES:

**ACC.0145.0**

couple of end caps for stainless steel recessing box



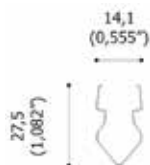
**ACC.0004.0**

tool for pulling out the module from the housing box



**ACC.0006.0**

fixing spring

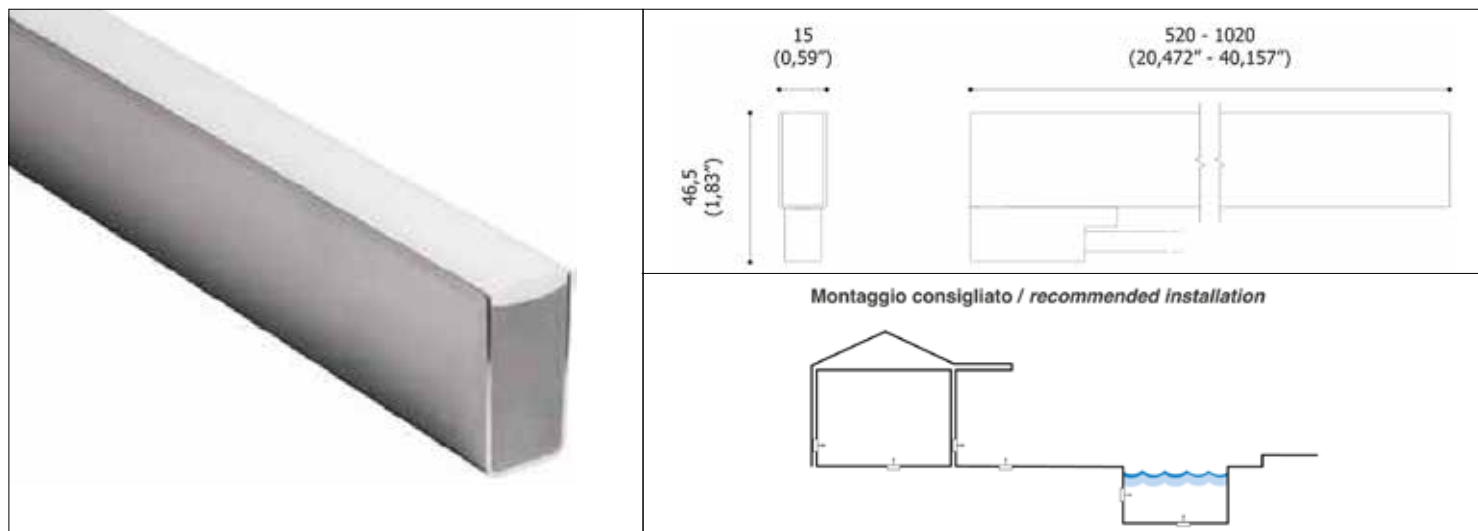


# ALDABRA

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:

<b>Materials</b>	Stainless steel 316L ; Resins
<b>Finishes</b>	Satin stainless steel
<b>Power Supply</b>	24 Vdc constant voltage
<b>Power</b>	15 W/m
<b>Light Source</b>	Signal LED LM 80 COMPLIANT
<b>Pitch</b>	20 mm (0,787")
<b>Dominant Wavelength</b>	R=622nm, G=530nm, B=470nm
<b>Lifetime</b>	> 50000 h (TM21 L80 B10 @50000h)
<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>	1100 g/m (11,82 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:

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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

## EK1 RGB Stainless steel UL version

### DATA-SHEET

#### GENERAL FEATURES:

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

#### OPTICAL FEATURES:

<b>EK1.XX.TXXXX.U</b>	Transparent diffuser 45°
<b>EK1.XX.DXXXX.U</b>	Opal diffuser 109°

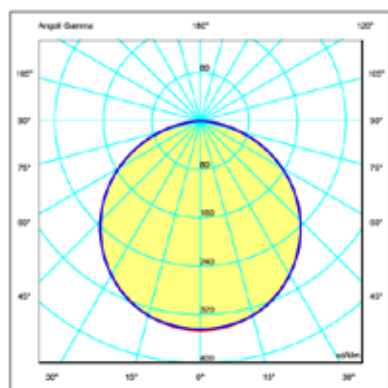
#### LIGHT FEATURES:

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

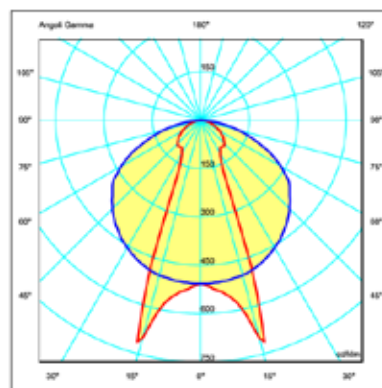
\*delivered luminous flux (opal)

#### FINISHES FEATURES:

<b>EK1.XX.XXXS1.U</b>	Satin stainless steel
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opal diffuser 109°



transparent diffuser 45°

#### GENERAL INFORMATIONS:

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# ALDABRA

PROFESSIONAL EXTERIOR LIGHTING

## EK1 RGB Stainless steel UL version

### DATA-SHEET

#### RECESSING BOXES:

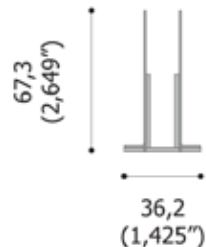
Type A - anodized aluminium

**CSF.0103.0**

trimless recessing box 520 mm (20,472")

**CSF.0104.0**

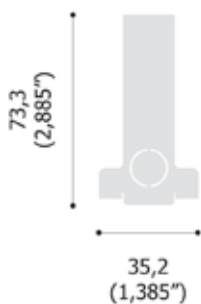
trimless recessing box 1020 mm (40,157")



#### ACCESSORIES:

**ACC.0145.0**

couple of end caps for stainless steel recessing box



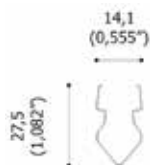
**ACC.0004.0**

tool for pulling out the module from the housing box



**ACC.0006.0**

fixing spring



Product code	Code	Release date	Product	Power	Supply	CCT	Optics	lux (lm) *i=25 **	Fixture Flux (lm)
EK1.01.D27A1.0	EK1.01.D27A1.0	29/6	EK1	4W	24V	2700 K	Opal	275.00*	53,08
EK1.01.D30A1.0	EK1.01.D30A1.0	29/6	EK1	4W	24V	3000 K	Opal	275.00*	53,08
EK1.01.D33A1.0	EK1.01.D33A1.0	29/6	EK1	4W	24V	3300 K	Opal	275.00*	53,08
EK1.01.D37A1.0	EK1.01.D37A1.0	29/6	EK1	4W	24V	3700 K	Opal	357.50*	69,01
EK1.01.D52A1.0	EK1.01.D52A1.0	29/6	EK1	4W	24V	5200 K	Opal	412.50*	79,62
EK1.02.D27A1.0	EK1.02.D27A1.0	29/6	EK1	8W	24V	2700 K	Opal	550.00*	106,16
EK1.02.D30A1.0	EK1.02.D30A1.0	29/6	EK1	8W	24V	3000 K	Opal	550.00*	106,16
EK1.02.D33A1.0	EK1.02.D33A1.0	29/6	EK1	8W	24V	3300 K	Opal	550.00*	106,16
EK1.02.D37A1.0	EK1.02.D37A1.0	29/6	EK1	8W	24V	3700 K	Opal	715.00*	138,02
EK1.02.D52A1.0	EK1.02.D52A1.0	29/6	EK1	8W	24V	5200 K	Opal	825.00*	159,24
EK1.03.D27A1.0	EK1.03.D27A1.0	29/6	EK1	12W	24V	2700 K	Opal	825.00*	159,24
EK1.03.D30A1.0	EK1.03.D30A1.0	29/6	EK1	12W	24V	3000 K	Opal	825.00*	159,24
EK1.03.D33A1.0	EK1.03.D33A1.0	29/6	EK1	12W	24V	3300 K	Opal	825.00*	159,24
EK1.03.D37A1.0	EK1.03.D37A1.0	29/6	EK1	12W	24V	3700 K	Opal	1072.50*	207,03
EK1.03.D52A1.0	EK1.03.D52A1.0	29/6	EK1	12W	24V	5200 K	Opal	1237.50*	238,86
EK1.04.D27A1.0	EK1.04.D27A1.0	29/6	EK1	15W	24V	2700 K	Opal	1100.00*	212,32
EK1.04.D30A1.0	EK1.04.D30A1.0	29/6	EK1	15W	24V	3000 K	Opal	1100.00*	212,32
EK1.04.D33A1.0	EK1.04.D33A1.0	29/6	EK1	15W	24V	3300 K	Opal	1100.00*	212,32
EK1.04.D37A1.0	EK1.04.D37A1.0	29/6	EK1	15W	24V	3700 K	Opal	1430.00*	276,04
EK1.04.D52A1.0	EK1.04.D52A1.0	29/6	EK1	15W	24V	5200 K	Opal	1650.00*	318,48
EK1.01.D90A1.0	EK1.01.D90A1.0	28/11	EK1	8W	24V	RGB	Opal	227.50*	49,67
EK1.01.D90A1.0 R	EK1.01.D90A1.0 R	28/11	EK1	8W	24V	RGB (Rosso)	Opal	58,25*	12,28
EK1.01.D90A1.0 G	EK1.01.D90A1.0 G	28/11	EK1	8W	24V	RGB (Verde)	Opal	125.50*	32,74
EK1.01.D90A1.0 B	EK1.01.D90A1.0 B	28/11	EK1	8W	24V	RGB (Blu)	Opal	43,75*	6,70
EK1.02.D90A1.0	EK1.02.D90A1.0	28/11	EK1	15W	24V	RGB	Opal	455.00*	99,34
EK1.02.D90A1.0 R	EK1.02.D90A1.0 R	28/11	EK1	15W	24V	RGB (Rosso)	Opal	116.50*	24,56
EK1.02.D90A1.0 G	EK1.02.D90A1.0 G	28/11	EK1	15W	24V	RGB (Verde)	Opal	251.00*	65,48
EK1.02.D90A1.0 B	EK1.02.D90A1.0 B	28/11	EK1	15W	24V	RGB (Blu)	Opal	87.50*	13,40
EK1.03.D90A1.0	EK1.03.D90A1.0	28/11	EK1	23W	24V	RGB	Opal	682.50*	149,01
EK1.03.D90A1.0 R	EK1.03.D90A1.0 R	28/11	EK1	23W	24V	RGB (Rosso)	Opal	174.75*	36,84
EK1.03.D90A1.0 G	EK1.03.D90A1.0 G	28/11	EK1	23W	24V	RGB (Verde)	Opal	376.50*	98,22
EK1.03.D90A1.0 B	EK1.03.D90A1.0 B	28/11	EK1	23W	24V	RGB (Blu)	Opal	131.25*	20,10
EK1.04.D90A1.0	EK1.04.D90A1.0	28/11	EK1	30W	24V	RGB	Opal	910.00*	198,68
EK1.04.D90A1.0 R	EK1.04.D90A1.0 R	28/11	EK1	30W	24V	RGB (Rosso)	Opal	233.00*	49,12
EK1.04.D90A1.0 G	EK1.04.D90A1.0 G	28/11	EK1	30W	24V	RGB (Verde)	Opal	502.00*	130,96
EK1.04.D90A1.0 B	EK1.04.D90A1.0 B	28/11	EK1	30W	24V	RGB (Blu)	Opal	175.00*	26,80
EK1.01.D92A1.0	EK1.01.D92A1.0	28/11	EK1	6W	24V	RGB MOVE	Opal	182.00*	39,74
EK1.01.D92A1.0 R	EK1.01.D92A1.0 R	28/11	EK1	6W	24V	SB MOVE (Rosso)	Opal	46,60*	9,82
EK1.01.D92A1.0 G	EK1.01.D92A1.0 G	28/11	EK1	6W	24V	SB MOVE (Verde)	Opal	100.40*	26,19
EK1.01.D92A1.0 B	EK1.01.D92A1.0 B	28/11	EK1	6W	24V	RGB MOVE (Blu)	Opal	35.00*	5,36
EK1.02.D92A1.0	EK1.02.D92A1.0	28/11	EK1	12W	24V	RGB MOVE	Opal	364.00*	79,48
EK1.02.D92A1.0 R	EK1.02.D92A1.0 R	28/11	EK1	12W	24V	SB MOVE (Rosso)	Opal	93.20*	19,64
EK1.02.D92A1.0 G	EK1.02.D92A1.0 G	28/11	EK1	12W	24V	SB MOVE (Verde)	Opal	200.80*	52,38
EK1.02.D92A1.0 B	EK1.02.D92A1.0 B	28/11	EK1	12W	24V	RGB MOVE (Blu)	Opal	70.00*	10,72
EK1.03.D92A1.0	EK1.03.D92A1.0	28/11	EK1	18W	24V	RGB MOVE	Opal	546.00*	119,21
EK1.03.D92A1.0 R	EK1.03.D92A1.0 R	28/11	EK1	18W	24V	SB MOVE (Rosso)	Opal	139.80*	29,46
EK1.03.D92A1.0 G	EK1.03.D92A1.0 G	28/11	EK1	18W	24V	SB MOVE (Verde)	Opal	301.20*	78,57
EK1.03.D92A1.0 B	EK1.03.D92A1.0 B	28/11	EK1	18W	24V	RGB MOVE (Blu)	Opal	105.00*	16,08
EK1.04.D92A1.0	EK1.04.D92A1.0	28/11	EK1	24W	24V	RGB MOVE	Opal	728.00*	158,96
EK1.04.D92A1.0 R	EK1.04.D92A1.0 R	28/11	EK1	24W	24V	SB MOVE (Rosso)	Opal	186.40*	39,28
EK1.04.D92A1.0 G	EK1.04.D92A1.0 G	28/11	EK1	24W	24V	SB MOVE (Verde)	Opal	401.60*	104,76
EK1.04.D92A1.0 B	EK1.04.D92A1.0 B	28/11	EK1	24W	24V	RGB MOVE (Blu)	Opal	140.00*	21,44
EK1.01.T27A1.0	EK1.01.T27A1.0	29/6	EK1	4W	24V	2700 K	Trasparent	275.00*	111,66
EK1.01.T30A1.0	EK1.01.T30A1.0	29/6	EK1	4W	24V	3000 K	Trasparent	275.00*	111,66
EK1.01.T33A1.0	EK1.01.T33A1.0	29/6	EK1	4W	24V	3300 K	Trasparent	357.50*	145,16
EK1.01.T52A1.0	EK1.01.T52A1.0	29/6	EK1	4W	24V	5200 K	Trasparent	412.50*	167,49
EK1.02.T27A1.0	EK1.02.T27A1.0	29/6	EK1	8W	24V	2700 K	Trasparent	550.00*	223,32
EK1.02.T30A1.0	EK1.02.T30A1.0	29/6	EK1	8W	24V	3000 K	Trasparent	550.00*	223,32
EK1.02.T33A1.0	EK1.02.T33A1.0	29/6	EK1	8W	24V	3300 K	Trasparent	550.00*	223,32
EK1.02.T37A1.0	EK1.02.T37A1.0	29/6	EK1	8W	24V	3700 K	Trasparent	715.00*	290,32
EK1.02.T52A1.0	EK1.02.T52A1.0	29/6	EK1	8W	24V	5200 K	Trasparent	825.00*	334,98
EK1.03.T27A1.0	EK1.03.T27A1.0	29/6	EK1	12W	24V	2700 K	Trasparent	825.00*	334,98
EK1.03.T30A1.0	EK1.03.T30A1.0	29/6	EK1	12W	24V	3000 K	Trasparent	825.00*	334,98
EK1.03.T33A1.0	EK1.03.T33A1.0	29/6	EK1	12W	24V	3300 K	Trasparent	825.00*	334,98
EK1.03.T37A1.0	EK1.03.T37A1.0	29/6	EK1	12W	24V	3700 K	Trasparent	1072.50*	435,48
EK1.03.T52A1.0	EK1.03.T52A1.0	29/6	EK1	12W	24V	5200 K	Trasparent	1237.50*	502,47
EK1.04.T27A1.0	EK1.04.T27A1.0	29/6	EK1	15W	24V	2700 K	Trasparent	1100.00*	446,64
EK1.04.T30A1.0	EK1.04.T30A1.0	29/6	EK1	15W	24V	3000 K	Trasparent	1100.00*	446,64
EK1.04.T33A1.0	EK1.04.T33A1.0	29/6	EK1	15W	24V	3300 K	Trasparent	1100.00*	446,64
EK1.04.T37A1.0	EK1.04.T37A1.0	29/6	EK1	15W	24V	3700 K	Trasparent	1430.00*	580,64
EK1.04.T52A1.0	EK1.04.T52A1.0	29/6	EK1	15W	24V	5200 K	Trasparent	1650.00*	669,96
EK1.01.T90A1.0	EK1.01.T90A1.0	29/6	EK1	8W	24V	RGB	Trasparent	227.50*	104,48
EK1.01.T90A1.0 R	EK1.01.T90A1.0 R	29/6	EK1	8W	24V	RGB (Rosso)	Trasparent	58,25*	25,34
EK1.01.T90A1.0 G	EK1.01.T90A1.0 G	29/6	EK1	8W	24V	RGB (Verde)	Trasparent	125.50*	68,05
EK1.01.T90A1.0 B	EK1.01.T90A1.0 B	29/6	EK1	8W	24V	RGB (Blu)	Trasparent	43,75*	14,13
EK1.02.T90A1.0	EK1.02.T90A1.0	29/6	EK1	15W	24V	RGB	Trasparent	455.00*	208,96
EK1.02.T90A1.0 R	EK1.02.T90A1.0 R	29/6	EK1	15W	24V	RGB (Rosso)	Trasparent	116.50*	50,68
EK1.02.T90A1.0 G	EK1.02.T90A1.0 G	29/6	EK1	15W	24V	RGB (Verde)	Trasparent	251.00*	136,10
EK1.02.T90A1.0 B	EK1.02.T90A1.0 B	29/6	EK1	15W	24V	RGB (Blu)	Trasparent	87.50*	28,26
EK1.03.T90A1.0	EK1.03.T90A1.0	29/6	EK1	23W	24V	RGB	Trasparent	682.50*	313,44
EK1.03.T90A1.0 R	EK1.03.T90A1.0 R	29/6	EK1	23W	24V	RGB (Rosso)	Trasparent	174.75*	76,02

Product code	Code	Release date	Product	Power	Supply	CCT	Optics	lux (lm) *tj=25 **	Fixture Flux (lm)
EK1.03.T90A1.0	EK1.03.T90A1.0 G	29/6	EK1	23W	24V	RGB (Verde)	Trasparent	376,50*	204,15
EK1.03.T90A1.0	EK1.03.T90A1.0 B	29/6	EK1	23W	24V	RGB (Blu)	Trasparent	131,25*	42,39
EK1.04.T90A1.0	EK1.04.T90A1.0	29/6	EK1	30W	24V	RGB	Trasparent	910,00*	417,92
EK1.04.T90A1.0	EK1.04.T90A1.0 R	29/6	EK1	30W	24V	RGB (Rosso)	Trasparent	233,00*	101,36
EK1.04.T90A1.0	EK1.04.T90A1.0 G	29/6	EK1	30W	24V	RGB (Verde)	Trasparent	502,00*	272,20
EK1.04.T90A1.0	EK1.04.T90A1.0 B	29/6	EK1	30W	24V	RGB (Blu)	Trasparent	175,00*	56,52