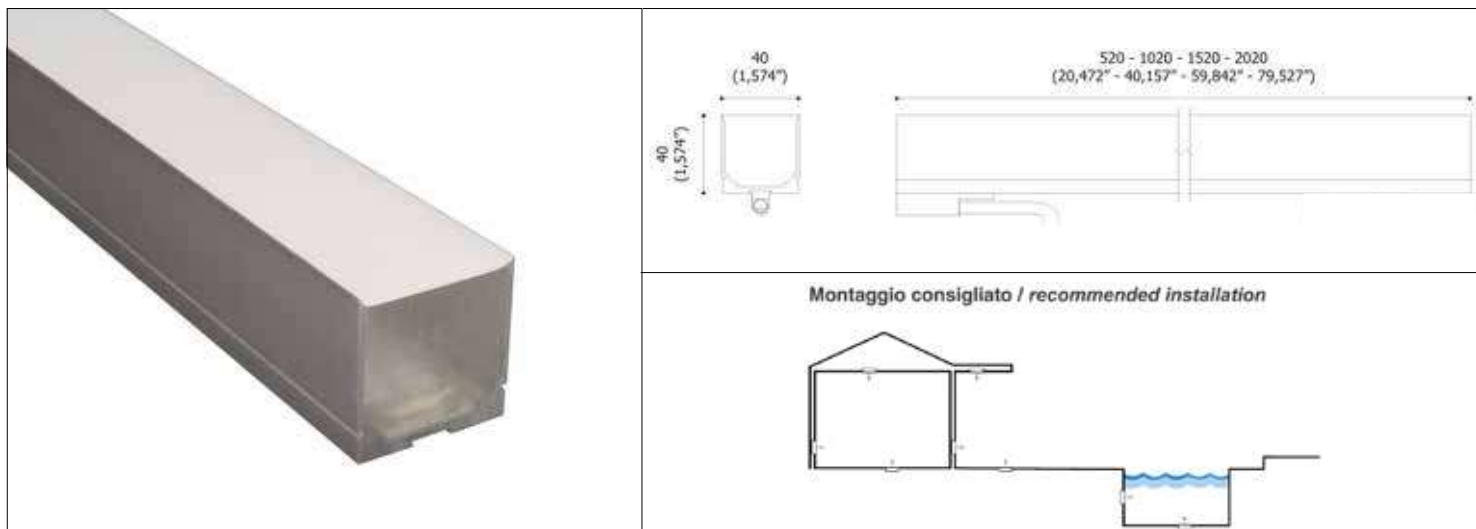


EK3 Monochromatic DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

| | |
|---------------------------------|---|
| Materials | Aluminium ; Resins |
| Finishes | Anodized Aluminium |
| Power Supply | 24 Vdc constant voltage (±5%) |
| Power | 15 W/m |
| Light Source | Mid-Power LED 140-180 lm/W |
| Pitch | 10 mm (0,393") |
| 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 | 2450 g/m (26,34 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 ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/ C250.-08 |



NOTE:

IP68 30 m (98,42 ft)

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

EK3 Monochromatic DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|-----------------------|---------|----------------|---------------|
| EK3.01.XXXXX.X | 8 | 520 (20,472") | 10 (0,393") |
| EK3.02.XXXXX.X | 15 | 1020 (40,157") | 10 (0,393") |
| EK3.03.XXXXX.X | 23 | 1520 (59,842") | 10 (0,393") |
| EK3.04.XXXXX.X | 30 | 2020 (79,527") | 10 (0,393") |

OPTICAL FEATURES:

| | |
|-----------------------|--------------------------------|
| EK3.XX.TXXXX.X | Transparent diffuser 70° |
| EK3.XX.DXXXX.X | Opal diffuser 113° |
| EK3.XX.1XXXX.X | pattern GRECA (only @ 3700K) |
| EK3.XX.2XXXX.X | pattern RAMI (only @ 3700K) |
| EK3.XX.3XXXX.X | pattern GIRAFFA (only @ 3700K) |

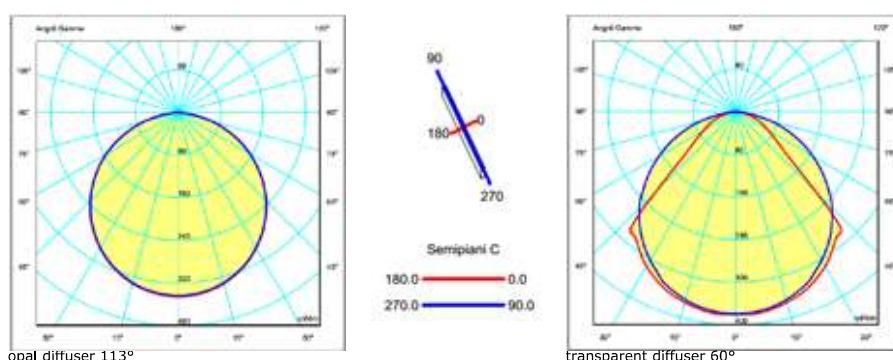
LIGHT FEATURES:

| | Mid-Power LED | lm/m* | Ra | Chromatic selection |
|-----------------------|---------------------|-------|-----|---------------------|
| EK3.XX.X27XX.X | 2700K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X30XX.X | 3000K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X33XX.X | 3300K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X37XX.X | 3700K neutral white | 362 | >80 | MacAdam 3-step |
| EK3.XX.X52XX.X | 5200K cool white | 418 | >80 | MacAdam 3-step |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|-----------------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|-----------------------|-------------------|



GENERAL INFORMATIONS:

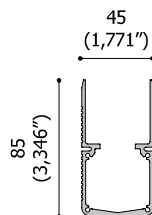
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK3 Monochromatic DATA-SHEET

RECESSING BOXES:

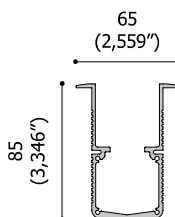
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

ACC.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



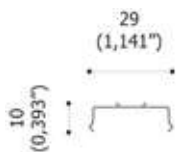
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



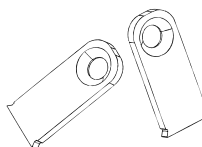
ACC.0077.0

fixing spring



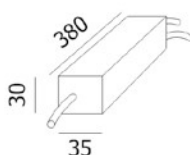
ACC.0082.0

power supply box fixing brackets



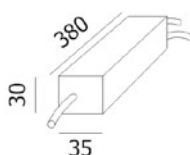
ACC.0027.1*

power supply box
220-240 Vac 50/60 Hz
30W SELV - ENEC -
CE - IP67



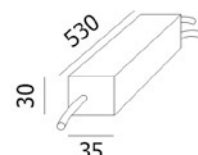
ACC.0029.1*

power supply box
220-240 Vac 50/60 Hz
60W SELV - ENEC -
CE - IP67



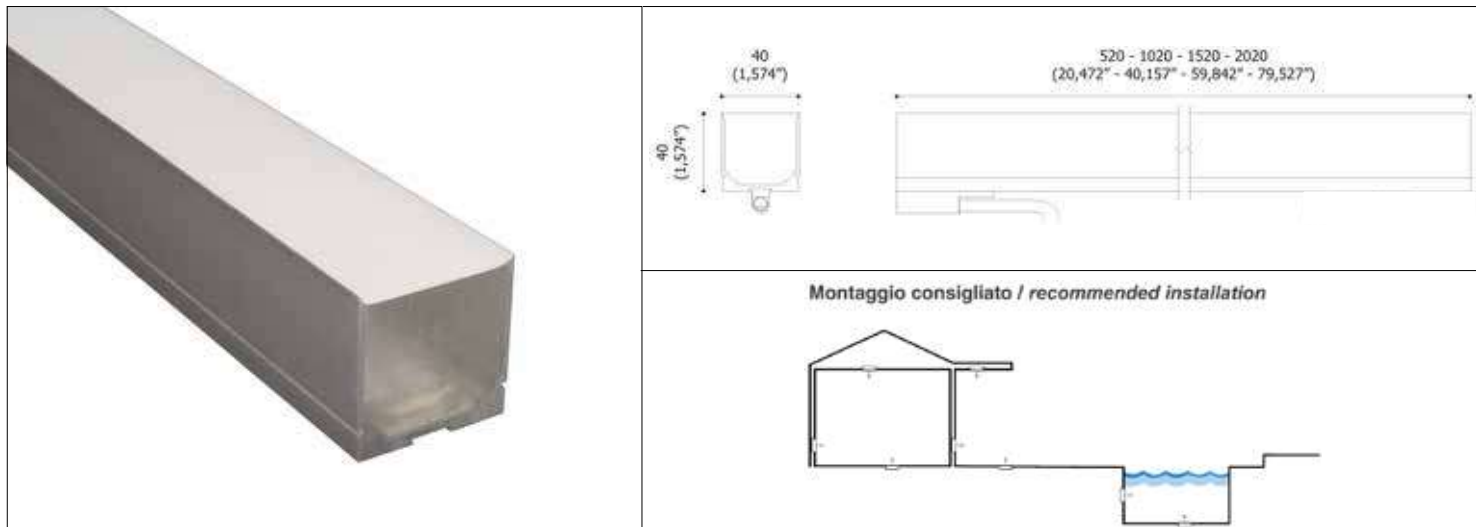
ACC.0078.1*

power supply box
220-240 Vac 50/60 Hz
100W SELV - ENEC -
CE - IP67



*with power supply box in recessing box start from 1020 mm
Dimmable 1-10 V / DALI versions available on request

EK3 RGB DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

| | |
|---------------------------------|---|
| Materials | Aluminium ; Resins |
| Finishes | Anodized Aluminium |
| Power Supply | 24 Vdc constant voltage (±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 | 2450 g/m (26,34 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 ; 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

EK3 RGB DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|------------------------|---------|----------------|---------------|
| EK3.01 .XXXXX.X | 8 | 520 (20,472") | 20 (0,787") |
| EK3.02 .XXXXX.X | 15 | 1020 (40,157") | 20 (0,787") |
| EK3.03 .XXXXX.X | 23 | 1520 (59,842") | 20 (0,787") |
| EK3.04 .XXXXX.X | 30 | 2020 (79,527") | 20 (0,787") |

OPTICAL FEATURES:

| | |
|-------------------------|--------------------------|
| EK3.XX. T XXXX.X | Transparent diffuser 70° |
| EK3.XX. D XXXX.X | Opal diffuser 113° |

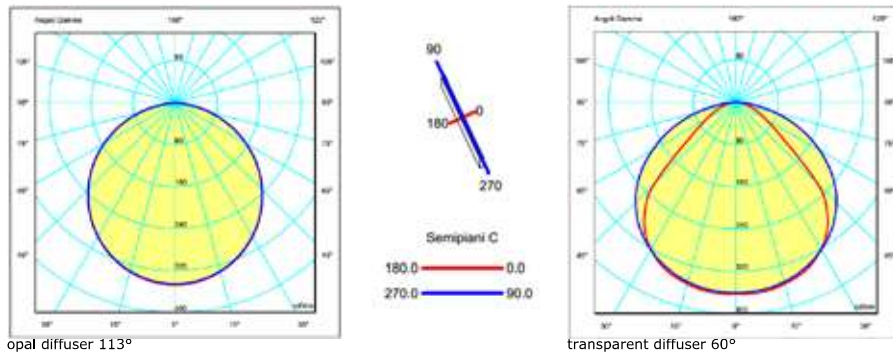
LIGHT FEATURES:

| | Signal LED | lm/m* |
|-------------------------|------------|-------|
| EK3.XX.X 90 XX.X | R, G, B | 160 |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|-------------------------|-------------------|
| EK3.XX.XXX A1 .X | Anodized Aluminum |
|-------------------------|-------------------|



GENERAL INFORMATIONS:

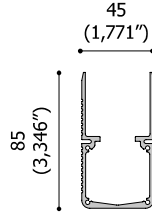
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK3 RGB DATA-SHEET

RECESSING BOXES:

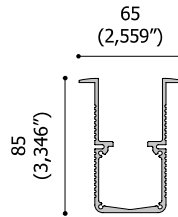
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

ACC.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



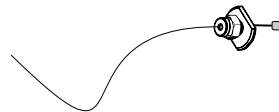
ACC.0003.0

alignment kit for housing boxes type A and B



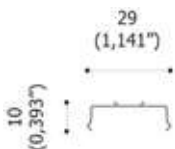
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall

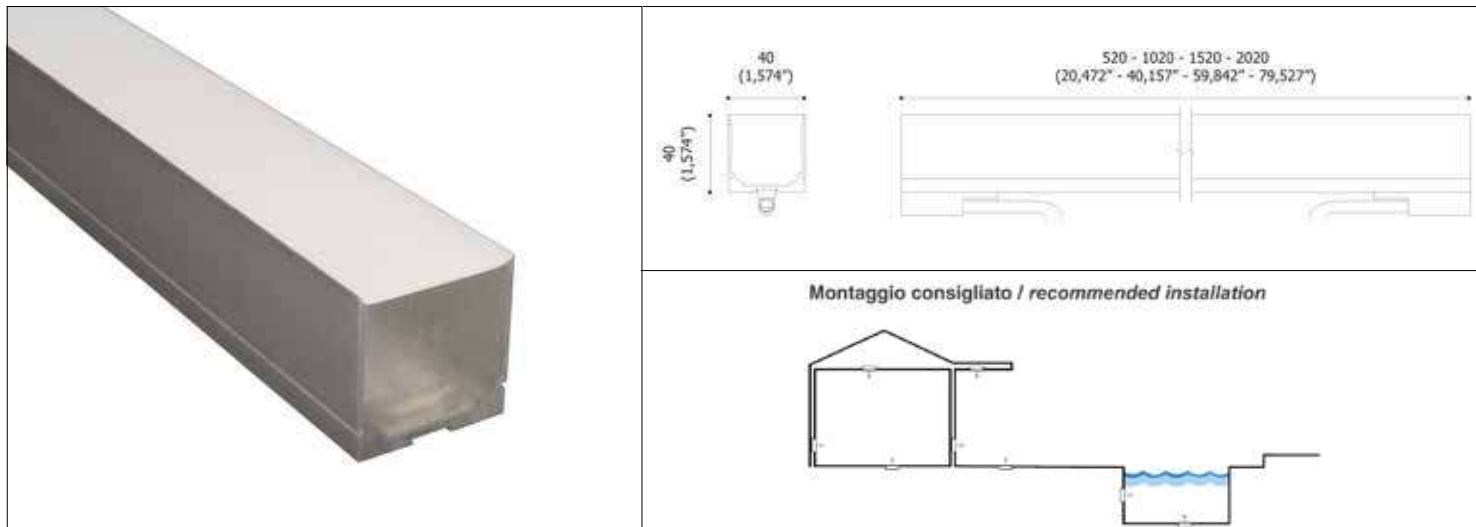


ACC.0077.0

fixing spring



EK3 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. (*not for USA and Canada)

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 | 2450 g/m (26,34 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 ; 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

EK3 RGB move DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|-----------------------|---------|----------------|---------------|
| EK3.01.XXXXX.X | 6 | 520 (20,472") | 25 (0,984") |
| EK3.02.XXXXX.X | 12 | 1020 (40,157") | 25 (0,984") |
| EK3.03.XXXXX.X | 18 | 1520 (59,842") | 25 (0,984") |
| EK3.04.XXXXX.X | 24 | 2020 (79,527") | 25 (0,984") |

OPTICAL FEATURES:

| | |
|----------------|--------------------|
| EK3.XX.DXXXX.X | Opal diffuser 113° |
|----------------|--------------------|

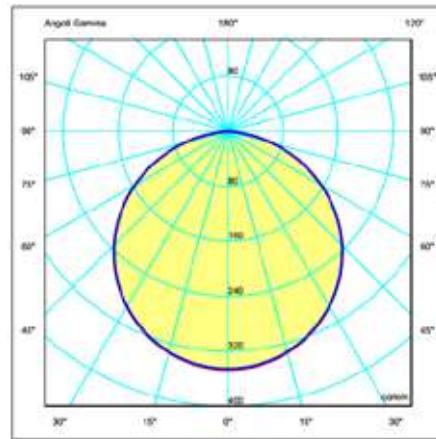
LIGHT FEATURES:

| | Signal LED | lm/m* |
|----------------|------------|-------|
| EK3.XX.X92XX.X | R, G, B | 128 |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|----------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|----------------|-------------------|



GENERAL INFORMATIONS:

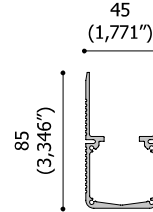
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK3 RGB move DATA-SHEET

RECESSING BOXES:

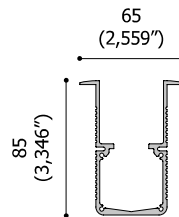
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** recessing box with trim 2020 mm (79,527")



ACCESSORIES:

ACC.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



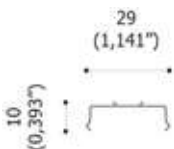
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall

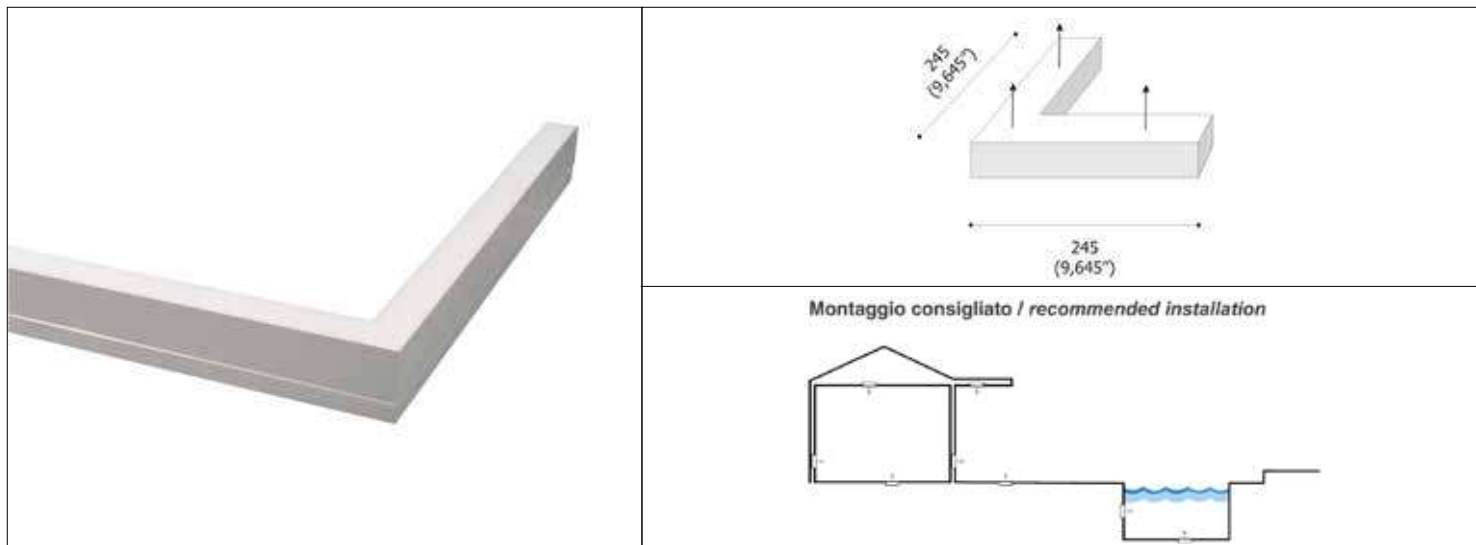


ACC.0077.0

fixing spring



EK3 Corner Monochromatic DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

| | |
|---------------------------------|---|
| Materials | Aluminium ; Resins |
| Finishes | Anodized Aluminium |
| Power Supply | 24 Vdc constant voltage ($\pm 5\%$) |
| Power | 6 W |
| Light Source | Mid-Power LED 140-180 lm/W |
| Pitch | 10 mm (0,393") |
| 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 | 575 g (20,28 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 ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/C250.-08 |



NOTE:

IP68 30 m (98,42 ft)

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.

EK3 Corner Monochromatic DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|-----------------------|---------|-------------------------|---------------|
| EK3.51.XXXXX.X | 6 | 245x245 (9,645"x9,645") | 10 (0,393") |

OPTICAL FEATURES:

| | |
|-----------------------|--------------------------|
| EK3.XX.TXXXX.X | Transparent diffuser 70° |
| EK3.XX.DXXXX.X | Opal diffuser 113° |

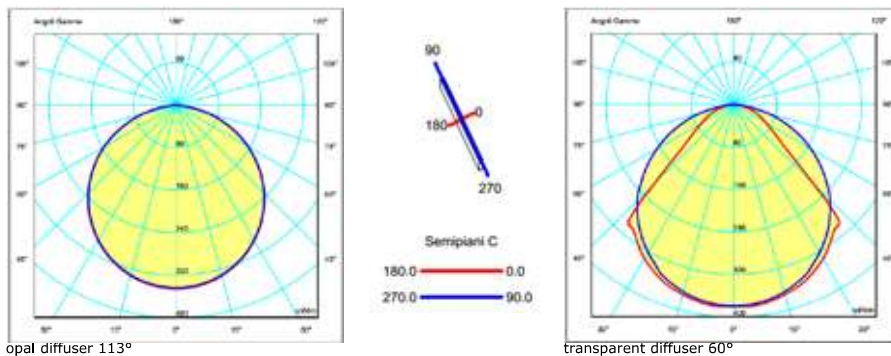
LIGHT FEATURES:

| | Mid-Power LED | lm/m* | Ra | Chromatic selection |
|-----------------------|---------------------|-------|-----|---------------------|
| EK3.XX.X27XX.X | 2700K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X30XX.X | 3000K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X33XX.X | 3300K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X37XX.X | 3700K neutral white | 362 | >80 | MacAdam 3-step |
| EK3.XX.X52XX.X | 5200K cool white | 418 | >80 | MacAdam 3-step |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|-----------------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|-----------------------|-------------------|



GENERAL INFORMATIONS:

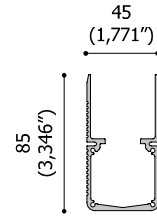
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK3 Corner Monochromatic DATA-SHEET

RECESSING BOXES*:

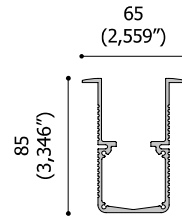
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** 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.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



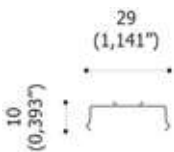
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



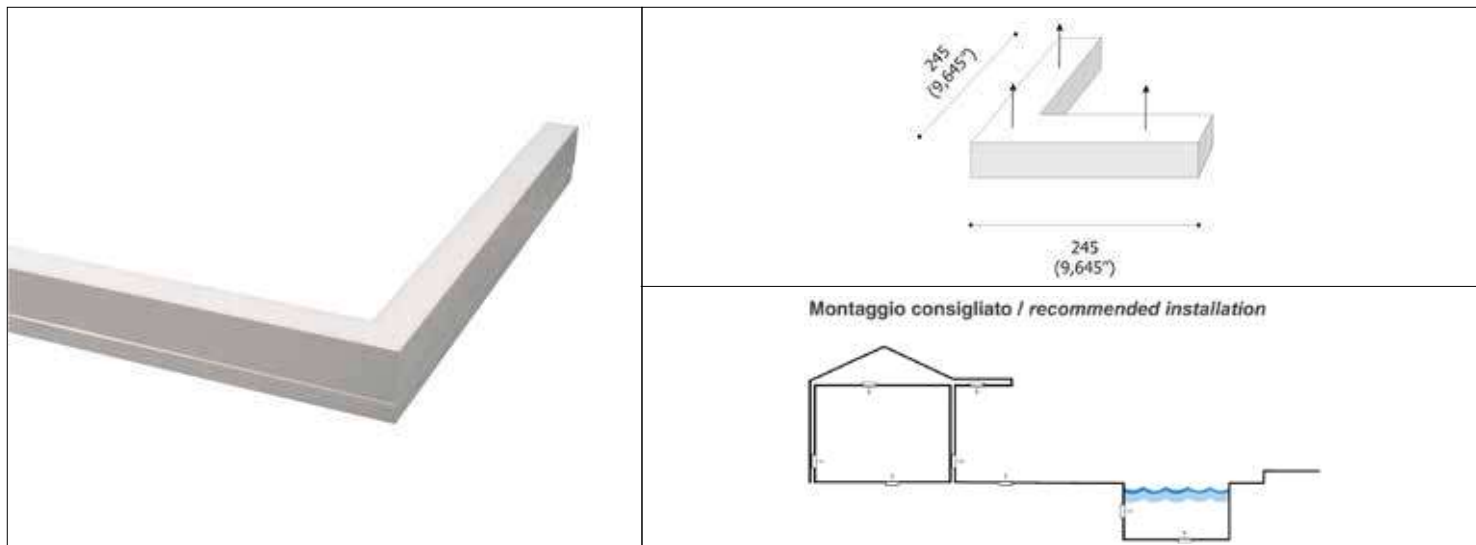
ACC.0077.0

fixing spring



EK3 Corner RGB

DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

| | |
|---------------------------------|---|
| 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 | 640 g (22,57 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 ; UL 676 ; CSA C22.2 No. 89-15 ; UL 2108 ; UL 1598/ C250.-08 |



IP68 30 m (98,42 ft)

NOTE:

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

Photometric data available at www.aldabra.it

EK3 Corner RGB DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|-----------------------|---------|-------------------------|---------------|
| EK3.51.XXXXX.X | 6 | 245x245 (9,645"x9,645") | 20 (0,787") |

OPTICAL FEATURES:

| | |
|-----------------------|--------------------------|
| EK3.XX.TXXXX.X | Transparent diffuser 70° |
| EK3.XX.DXXXX.X | Opal diffuser 113° |

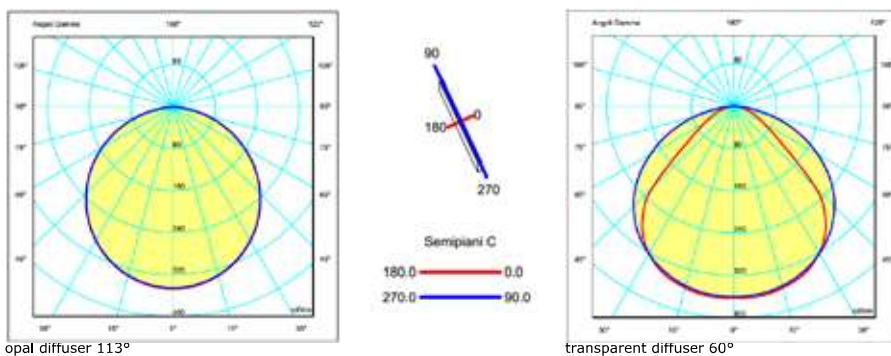
LIGHT FEATURES:

| | Signal LED | lm/m* |
|-----------------------|------------|-------|
| EK3.XX.X90XX.X | R, G, B, | 160 |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|-----------------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|-----------------------|-------------------|



GENERAL INFORMATIONS:

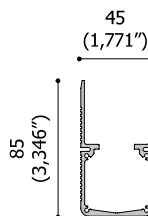
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK3 Corner RGB DATA-SHEET

RECESSING BOXES*:

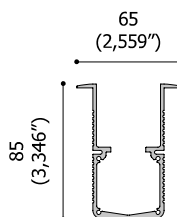
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** 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.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



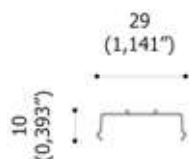
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall

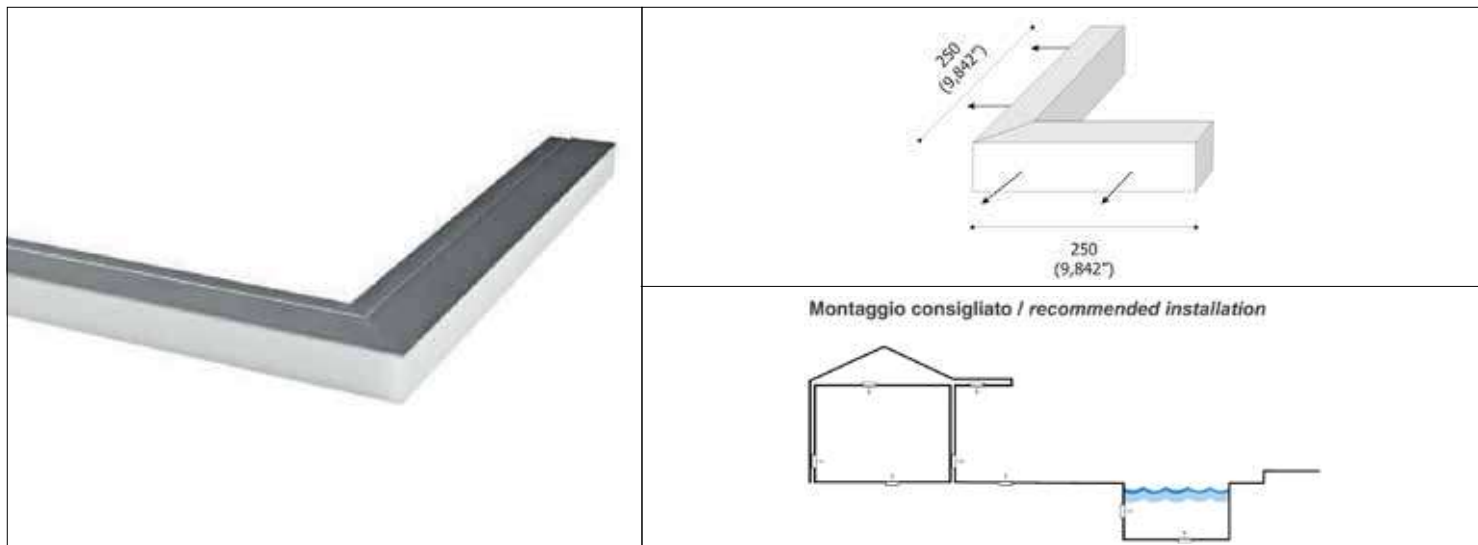


ACC.0077.0

fixing spring



EK3 External edge Monochromatic DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

| | |
|---------------------------------|---|
| Materials | Aluminium ; Resins |
| Finishes | Anodized Aluminium |
| Power Supply | 24 Vdc constant voltage ($\pm 5\%$) |
| Power | 6 W |
| Light Source | Mid-Power LED 140-180 lm/W |
| Pitch | 10 mm (0,393") |
| 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 | 613 g (21,62 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 ; 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.

EK3 External edge Monochromatic DATA-SHEET

GENERAL FEATURES:

| | power (W) | length mm (in) | pitch mm (in) |
|-----------------------|-----------|-------------------------|---------------|
| EK3.52.XXXXX.X | 6 | 250x250 (9,842"x9,842") | 10 (0,393") |

OPTICAL FEATURES:

| | |
|----------------|--------------------------|
| EK3.XX.TXXXX.X | Transparent diffuser 70° |
| EK3.XX.DXXXX.X | Opal diffuser 113° |

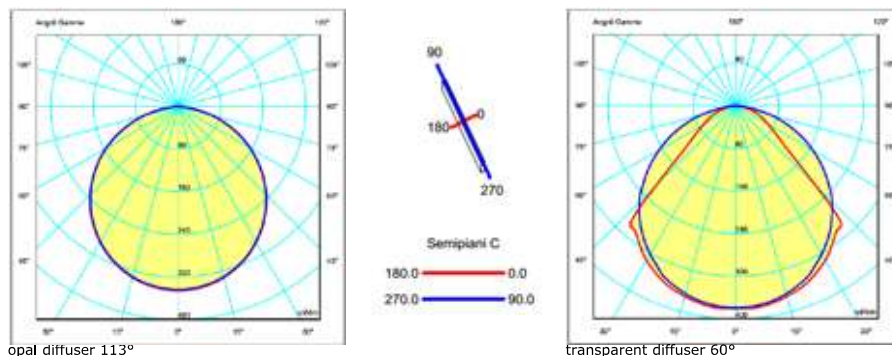
LIGHT FEATURES:

| | Mid-Power LED | lm/m* | Ra | Chromatic selection |
|----------------|---------------------|-------|-----|---------------------|
| EK3.XX.X27XX.X | 2700K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X30XX.X | 3000K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X33XX.X | 3300K warm white | 279 | >80 | MacAdam 3-step |
| EK3.XX.X37XX.X | 3700K neutral white | 362 | >80 | MacAdam 3-step |
| EK3.XX.X52XX.X | 5200K cool white | 418 | >80 | MacAdam 3-step |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|----------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|----------------|-------------------|



GENERAL INFORMATIONS:

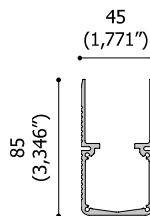
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EK3 External edge Monochromatic DATA-SHEET

RECESSING BOXES*:

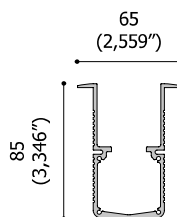
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** 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.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



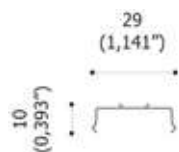
ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



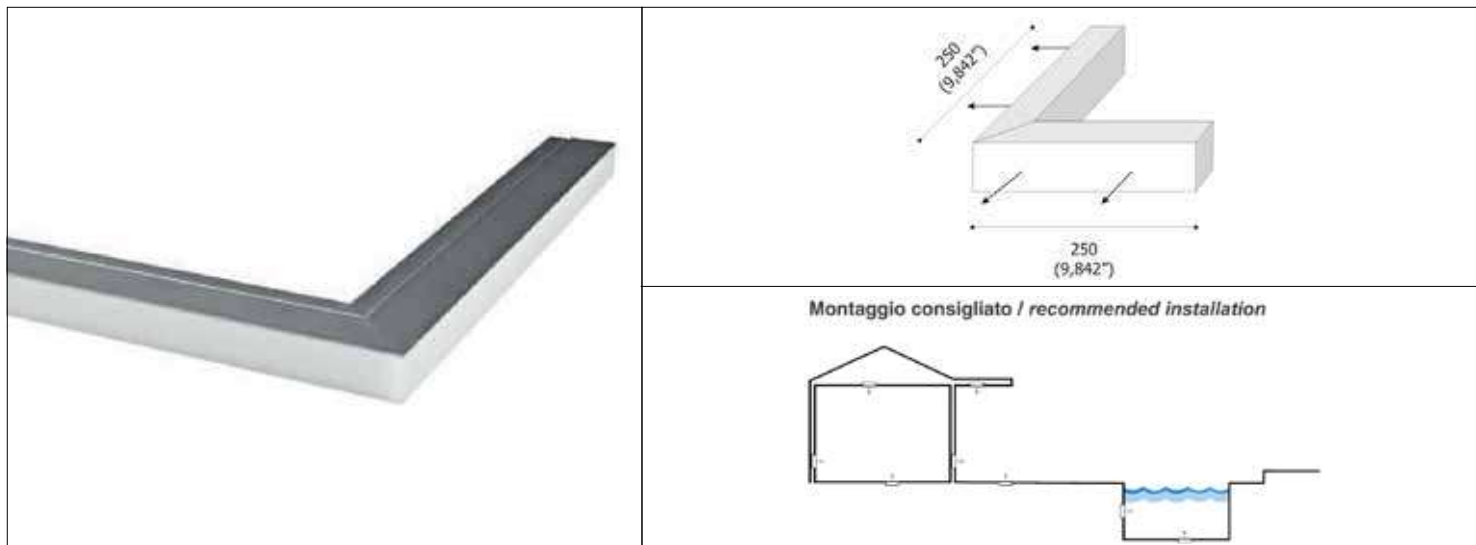
ACC.0077.0

fixing spring



EK3 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 aluminium with opaque and transparent resin. All the materials are suitable for use in swimming pools*, fountains and with salt water. UV resistance of all materials. (*not for USA and Canada)

TECHNICALS FEATURES:

| | |
|---------------------------------|--|
| Materials | Aluminium ; Resins |
| Finishes | Anodized Aluminium |
| Power Supply | 24 Vdc constant voltage (±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 | 674 g (23,77 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 ; 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 ordered separately. Aldabra power supply consumption is equal to 15% of the fixture nominal power. Photometric data available at www.aldabra.it

EK3 External edge RGB DATA-SHEET

GENERAL FEATURES:

| | power W | length mm (in) | pitch mm (in) |
|-----------------------|---------|-------------------------|---------------|
| EK3.52.XXXXX.X | 6 | 250x250 (9,842"x9,842") | 20 (0,787") |

OPTICAL FEATURES:

| | |
|-----------------------|--------------------------|
| EK3.XX.TXXXX.X | Transparent diffuser 70° |
| EK3.XX.DXXXX.X | Opal diffuser 113° |

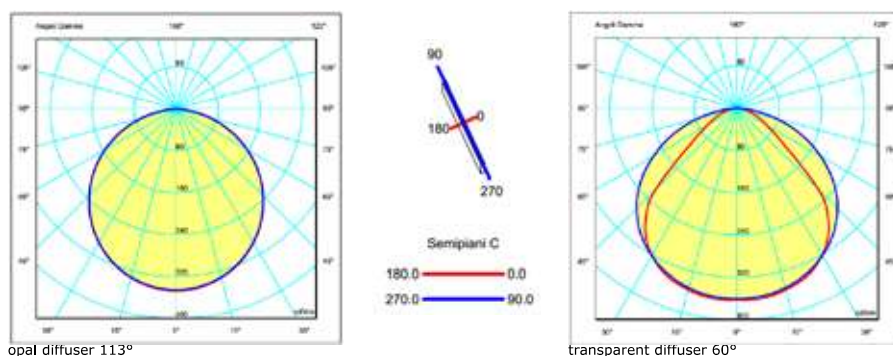
LIGHT FEATURES:

| | Signal LED | lm/m* |
|-----------------------|------------|-------|
| EK3.XX.X90XX.X | R, G, B, | 160 |

*delivered luminous flux (opal)

FINISHES FEATURES:

| | |
|-----------------------|-------------------|
| EK3.XX.XXXA1.X | Anodized Aluminum |
|-----------------------|-------------------|



GENERAL INFORMATIONS:

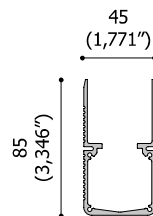
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EK3 External edge RGB DATA-SHEET

RECESSING BOXES*:

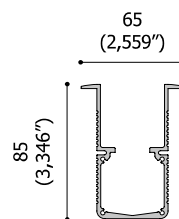
Type A - anodized aluminium

- CSF.0053.0** trimless recessing box 520 mm (20,472")
- CSF.0054.0** trimless recessing box 1020 mm (40,157")
- CSF.0055.0** trimless recessing box 1520 mm (59,842")
- CSF.0056.0** trimless recessing box 2020 mm (79,527")



Type B - anodized aluminium

- CSF.0057.0** recessing box with trim 520 mm (20,472")
- CSF.0058.0** recessing box with trim 1020 mm (40,157")
- CSF.0059.0** recessing box with trim 1520 mm (59,842")
- CSF.0060.0** 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.0064.0

couple of end caps for recessing boxes type A and B



ACC.0019.0

tool for pulling out the module from the housing box



ACC.0003.0

alignment kit for housing boxes type A and B



ACC.0028.0

safety steel wire for ceiling installation for preventing accidental fall



ACC.0077.0

fixing spring

