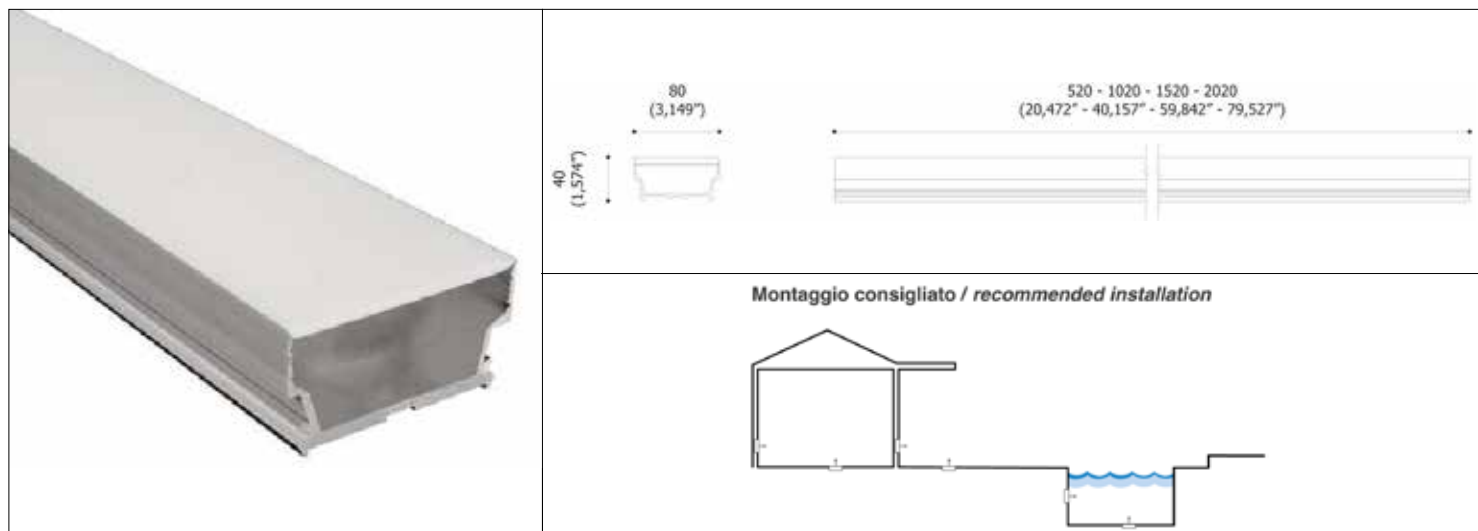


EK4 Monochromatic

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 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
Power	36 W/m
Light Source	Mid-Power LED/SMD 140-180 lm/W LM 80 COMPLIANT
Pitch	20 mm (0,787")
Color Temperature	2700 K ; 3000 K ; 3700 K
Ra	> 80
Chromatic Selection	Mac-Adam 3-step
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
Optics	Opal diffuser ; Pattern RAMI ; Pattern GIRAFFA
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	4000 g/m (43,01 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	1000 Kg (2204,62 Lbs)
Installations	Recessed (wall, floor) - 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

EK4 Monochromatic DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK4.01.XXXXX.X	18	520 (20,472")	20 (0,787")
EK4.02.XXXXX.X	36	1020 (40,157")	20 (0,787")
EK4.03.XXXXX.X	54	1520 (59,842")	20 (0,787")
EK4.04.XXXXX.X	72	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

EK4.XX. D XXXX.X	Opal diffuser 115°
EK4.XX. 2 XXXX.X	pattern RAMI (only @ 3700K)
EK4.XX. 3 XXXX.X	pattern GIRAFFA (only @ 3700K)

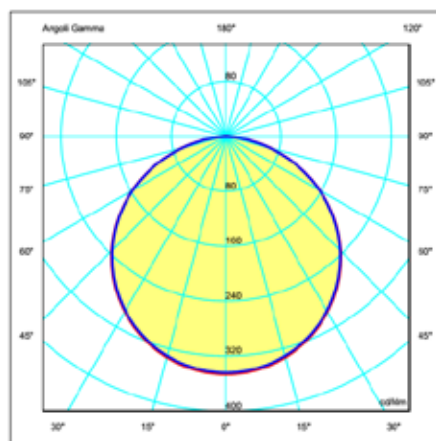
LIGHT FEATURES:

	Mid-Power LED	lm/m*	Ra	Chromatic selection
EK4.XX.X 27 XX.X	2700K warm white	938	>80	MacAdam 3-step
EK4.XX.X 30 XX.X	3000K warm white	1144	>80	MacAdam 3-step
EK4.XX.X 37 XX.X	3700K natural white	1144	>80	MacAdam 3-step

*delivered luminous flux (opal)

FINISHES FEATURES:

EK4.XX.XXX A1 .X	Anodized Aluminum
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opal diffuser 115°

GENERAL INFORMATIONS:

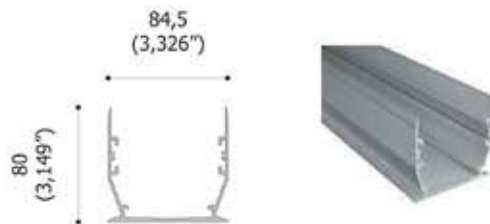
Kindly note that atmospheric agents (such as lightnings, etc) , electrostatics charges or disturbances on the installation not caused by Aldabra lighting fixtures and Led drivers indicated by Aldabra itself, may cause damages on the fixtures. It is necessary that the electrical installation where the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

EK4 Monochromatic DATA-SHEET

RECESSING BOXES:

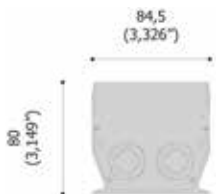
- CSF.0077.0** trimless recessing box 520 mm (20,472")
- CSF.0078.0** trimless recessing box 1020 mm (40,157")
- CSF.0079.0** trimless recessing box 1520 mm (59,842")
- CSF.0080.0** trimless recessing box 2020 mm (79,527")

Fixing springs included



ACCESSORIES:

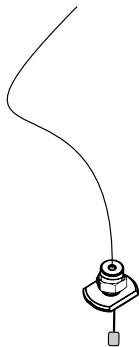
- ACC.0071.0**
couple of end caps for recessing boxes



- ACC.0020.1**
tool for pulling out the module from the housing box



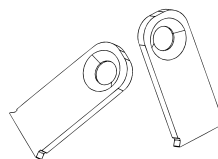
- ACC.0028.0**
safety steel wire for ceiling installation for preventing accidental fall



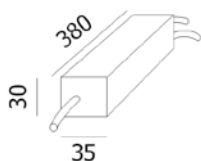
- ACC.0003.0**
alignment kit for housing boxes type A and B



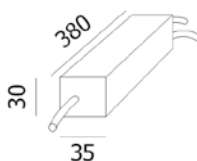
- ACC.0082.0**
power supply box fixing brackets



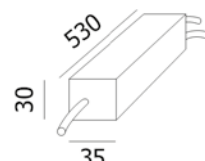
- ACC.0027.0***
power supply box
220-240 Vac 50/60 Hz
30W SELV - ENEC -
CE - IP67



- ACC.0029.0***
power supply box
220-240 Vac 50/60 Hz
60W SELV - ENEC -
CE - IP67



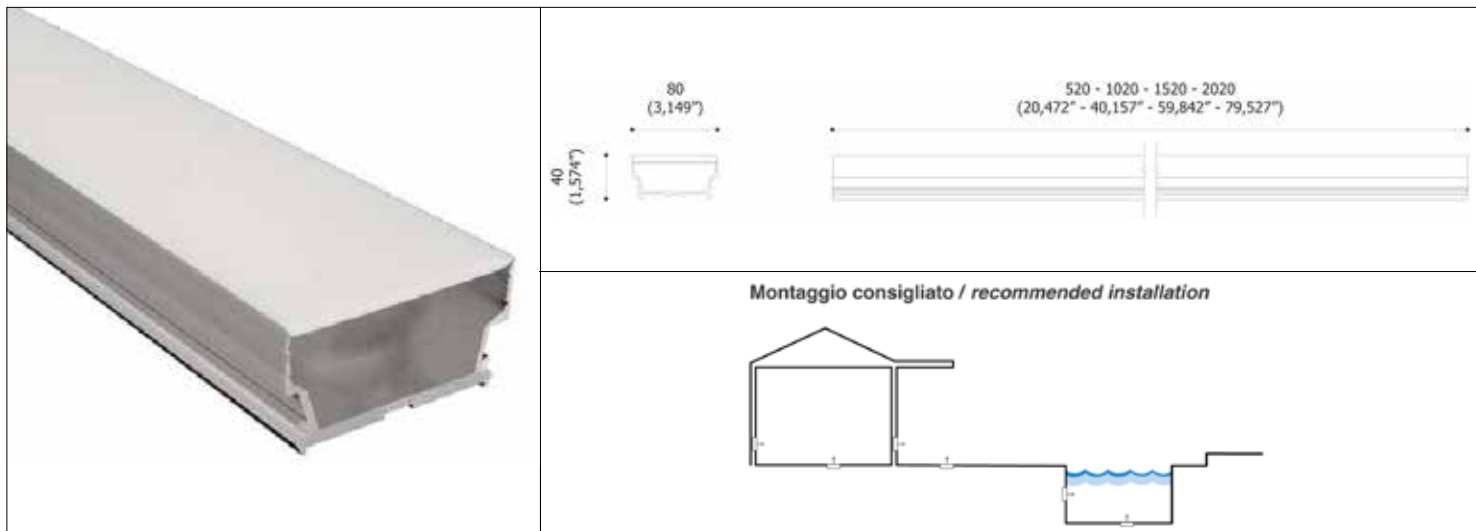
- ACC.0078.0***
power supply box
220-240 Vac 50/60 Hz
100W SELV - ENEC -
CE - IP67



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

EK4 RGB

DATA-SHEET



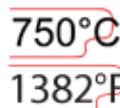
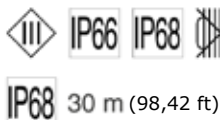
PRODUCT DESCRIPTION:

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 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
Power	30 W/m
Light Source	Signal LED LM 80 COMPLIANT
Pitch	20 mm (0,787")
Dominant Wavelength	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (TM21 L80 B10 @50000h)
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	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	4000 g/m (43,01 oz/ft)
Walk over	up to 500 Kg (1102,3 Lbs)
Static load resistance	1000 Kg (2204,62 Lbs)
Installations	Recessed (wall, floor) - immersion
Norms	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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EK4 RGB DATA-SHEET

GENERAL FEATURES:

	power W	length mm (in)	pitch mm (in)
EK4.01.XXXXX.X	15	520 (20,472")	20 (0,787")
EK4.02.XXXXX.X	30	1020 (40,157")	20 (0,787")
EK4.03.XXXXX.X	45	1520 (59,842")	20 (0,787")
EK4.04.XXXXX.X	60	2020 (79,527")	20 (0,787")

OPTICAL FEATURES:

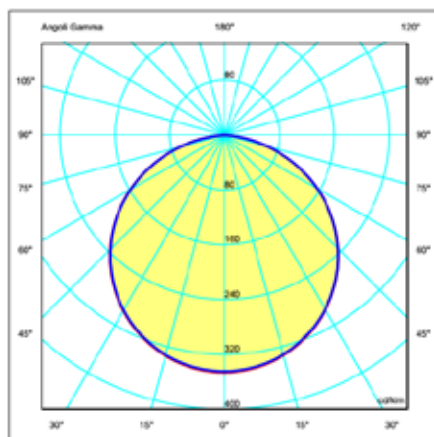
EK4.XX.DXXXX.X	Opal diffuser 115°
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LIGHT FEATURES:

	Signal LED
EK4.XX.X90XX.X	R, G, B

FINISHES FEATURES:

EK4.XX.XXXA1.X	Anodized Aluminuim
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opal diffuser 115°

GENERAL INFORMATIONS:

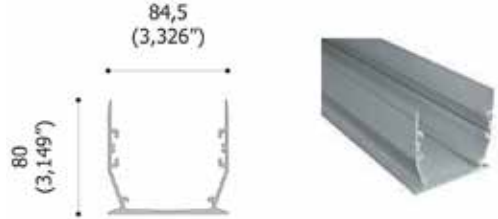
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EK4 RGB DATA-SHEET

RECESSING BOXES:

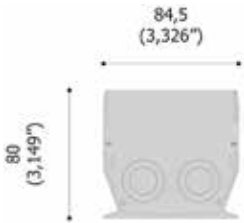
- CSF.0077.0** trimless recessing box 520 mm (20,472")
- CSF.0078.0** trimless recessing box 1020 mm (40,157")
- CSF.0079.0** trimless recessing box 1520 mm (59,842")
- CSF.0080.0** trimless recessing box 2020 mm (79,527")

Fixing springs included



ACCESSORIES:

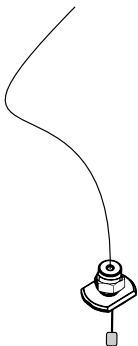
- ACC.0071.0**
couple of end caps for recessing boxes



- ACC.0020.1**
tool for pulling out the module from the housing box



- ACC.0028.0**
safety steel wire for ceiling installation for preventing accidental fall



- ACC.0003.0**
alignment kit for housing boxes type A and B



Product code	Code	Release date	Product	Power	Supply	CCT	Optics	lux (lm) *tj=25 **	Fixture Flux (lm)
EK4.01.D30A1.0	EK4.01.D30A1.0	28/5	EK4	18W	24V	3000 K	Opal	1400,62*	495,05
EK4.01.D33A1.0	EK4.01.D33A1.0	28/5	EK4	18W	24V	3300 K	Opal	1618,50*	571,65
EK4.01.D37A1.0	EK4.01.D37A1.0	28/5	EK4	18W	24V	3700 K	Opal	1618,50*	571,65