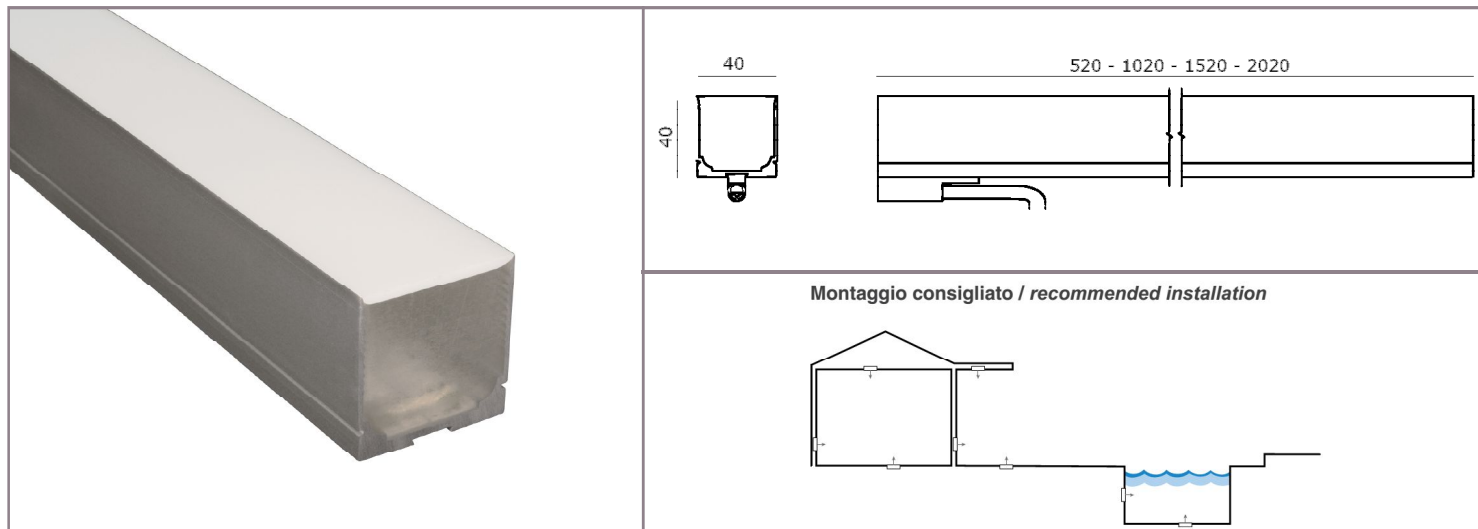


EK3 Monochromatic DATA-SHEET



PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	15 W/m
Light Source	Mid-Power LED
Pitch	10 mm
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
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+1xAWG20 (Violet) L. 1 m.
Weigth	2450 g/m
Walk over	up to 500 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



IP68 30 m



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 Monochromatic DATA-SHEET

GENERAL FEATURES:

	power (W)	length (mm)	pitch (mm)
EK3.01 .XXXXX.X	8	520	10
EK3.02 .XXXXX.X	15	1020	10
EK3.03 .XXXXX.X	23	1520	10
EK3.04 .XXXXX.X	30	2020	10

OPTICAL FEATURES:

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

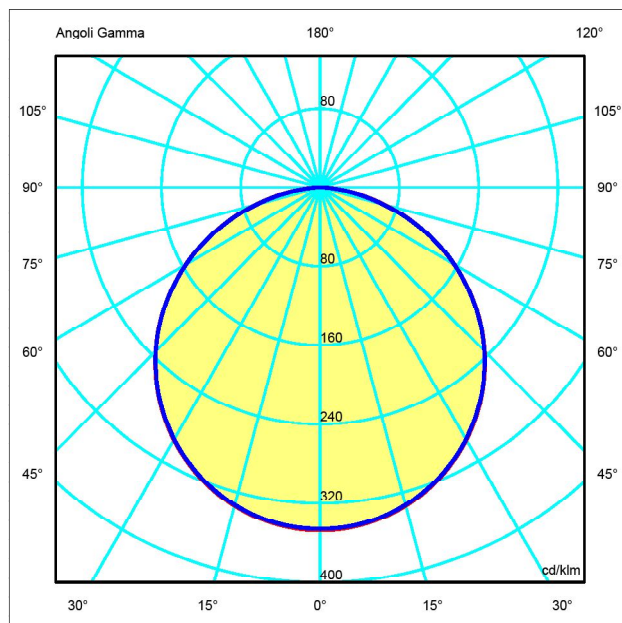
LED FEATURES:

	Mid-Power LED	lm/W	lm/m	Ra	Chromatic selection
EK3.XX.X 27 XX.X	2700K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X 30 XX.X	3000K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X 33 XX.X	3300K natural white	122	1074	>80	MacAdam 3-step
EK3.XX.X 37 XX.X	3700K natural white	139	1228	>80	MacAdam 3-step
EK3.XX.X 52 XX.X	5200K cool white	162	1432	>80	MacAdam 3-step

FINISHES FEATURES:

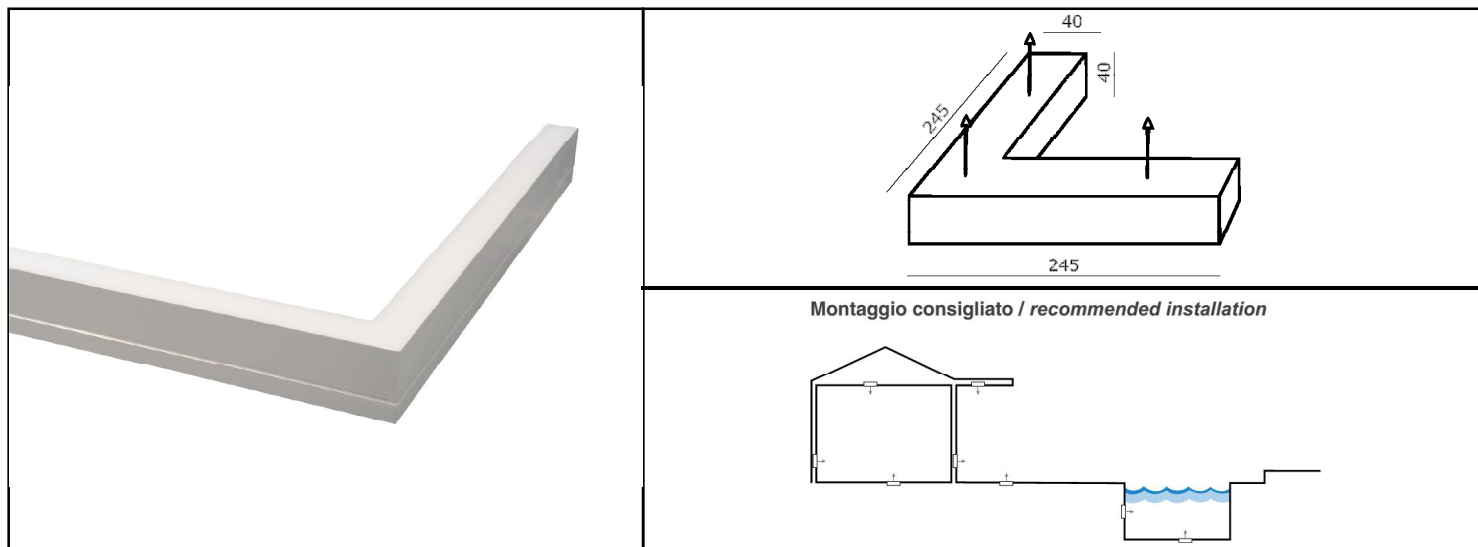
EK3.XX.XXX A1 .X	Anodized Aluminum
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OPAL



* Nominal values @ junction temperature Tj=25°C
 ** Average values @ junction temperature Tj=80°C

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.

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	6 W
Light Source	Mid-Power LED
Pitch	10 mm
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
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+1xAWG20 (Violet) L. 1 m.
Weigth	575 g
Walk over	up to 500 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



IP68 30 m



NOTE:

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

Photometric data available at www.aldabra.it

Specifications are subject to change without notice.

www.aldabra.it

EK3 Corner Monochromatic DATA-SHEET

GENERAL FEATURES:

	power (W)	length (mm)	pitch (mm)
EK3.51.XXXXX.X	6	245x245	10

OPTICAL FEATURES:

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

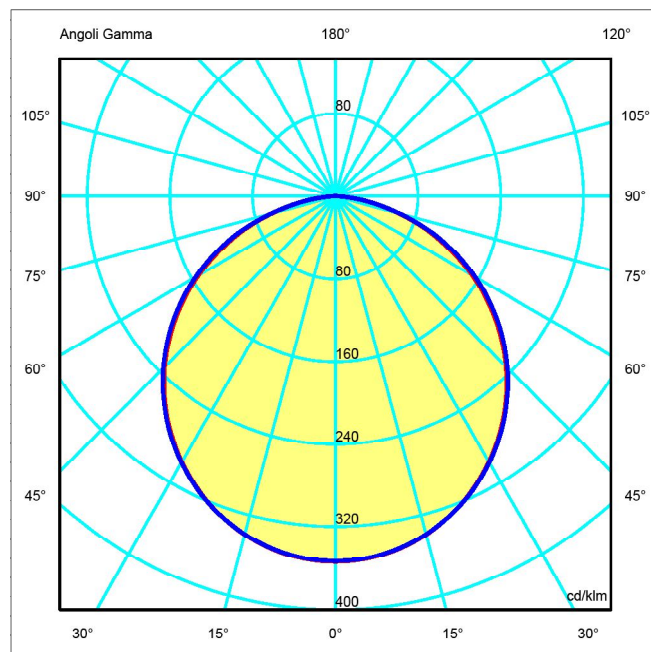
LED FEATURES:

	Mid-Power LED	lm/W	lm/m	Ra	Chromatic selection
EK3.XX.X27XX.X	2700K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X30XX.X	3000K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X33XX.X	3300K natural white	122	1074	>80	MacAdam 3-step
EK3.XX.X37XX.X	3700K natural white	139	1228	>80	MacAdam 3-step
EK3.XX.X52XX.X	5200K cool white	162	1432	>80	MacAdam 3-step

FINISHES FEATURES:

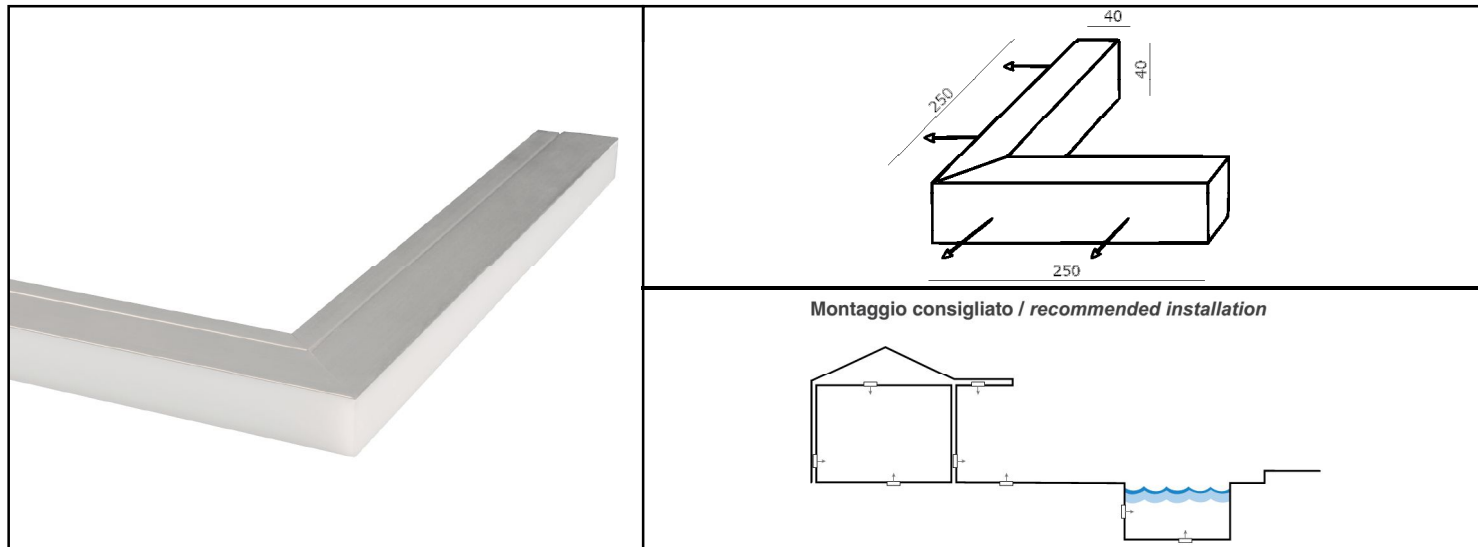
EK3.XX.XXXA1.X	Anodized Aluminum
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OPAL



* Nominal values @ junction temperature Tj=25°C
 ** Average values @ junction temperature Tj=80°C

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.

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	6 W
Light Source	Mid-Power LED
Pitch	10 mm
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
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable	AWM style 20233 2xAWG18 (Red;Black)+1xAWG20 (Violet) L. 1 m.
Weigth	613 g
Walk over	up to 300 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



IP68 30 m



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 External edge Monochromatic DATA-SHEET

GENERAL FEATURES:

	power (W)	length (mm)	pitch (mm)
EK3.52.XXXXX.X	6	250x250	10

OPTICAL FEATURES:

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

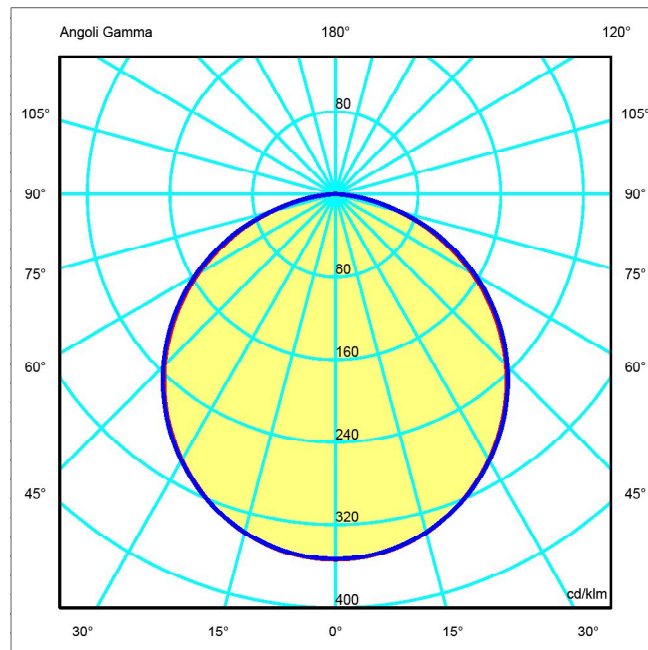
LED FEATURES:

	Mid-Power LED	lm/W	lm/m	Ra	Chromatic selection
EK3.XX.X27XX.X	2700K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X30XX.X	3000K warm white	122	1074	>80	MacAdam 3-step
EK3.XX.X33XX.X	3300K natural white	122	1074	>80	MacAdam 3-step
EK3.XX.X37XX.X	3700K natural white	139	1228	>80	MacAdam 3-step
EK3.XX.X52XX.X	5200K cool white	162	1432	>80	MacAdam 3-step

FINISHES FEATURES:

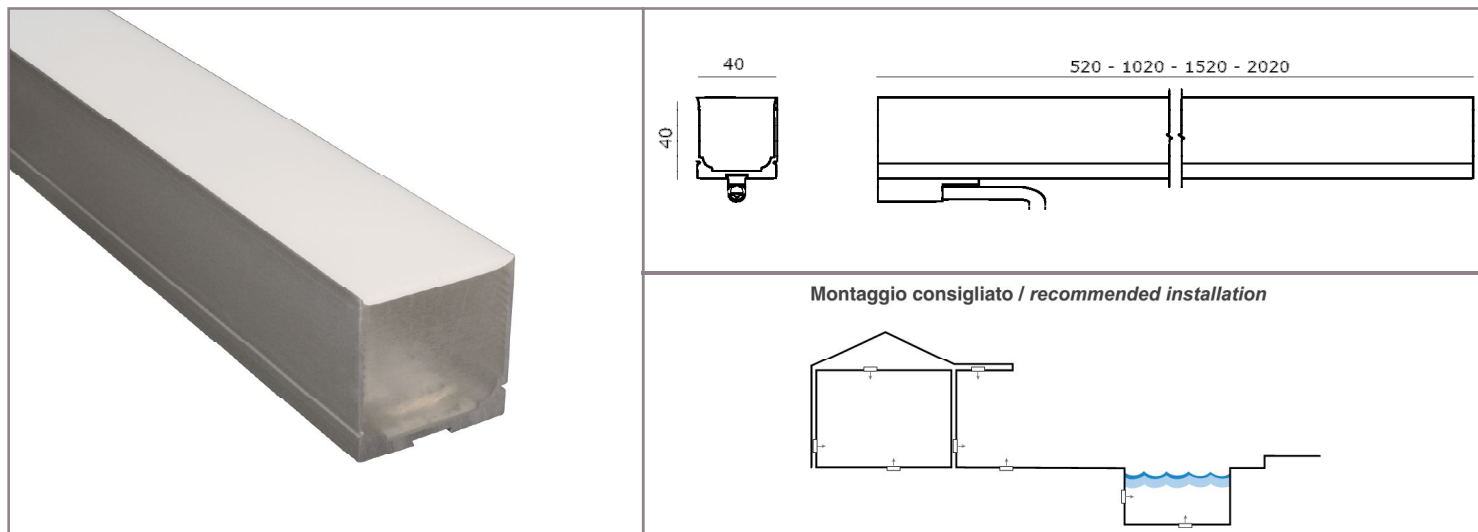
EK3.XX.XXXA1.X	Anodized Aluminum
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OPAL



* Nominal values @ junction temperature Tj=25°C
 ** Average values @ junction temperature Tj=80°C

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.

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	15 W/m
Light Source	Signal LED
Pitch	20 mm
Color Temperature	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal diffuser
Tc metal body	< 90 °C
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable RGB	AWM style 20233 2xAWG18 (Red;Black)+3xAWG20 (R/b, G/b, B/b) L. 1 m.
Weigth	2450 g/m
Walk over	up to 500 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



IP68 30 m



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)	pitch (mm)
EK3.01 .XXXXX.X	8	520	20
EK3.02 .XXXXX.X	15	1020	20
EK3.03 .XXXXX.X	23	1520	20
EK3.04 .XXXXX.X	30	2020	20

OPTICAL FEATURES:

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

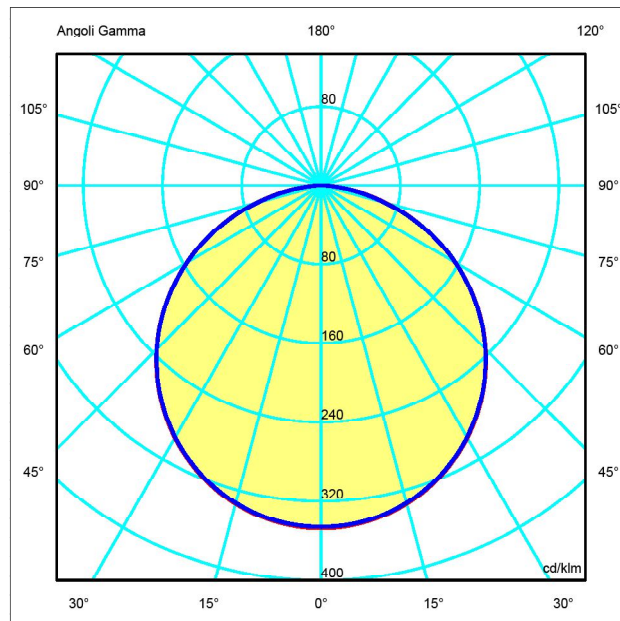
LED FEATURES:

	Signal LED
EK3.XX.X 90 XX.X	R, G, B

FINISHES FEATURES:

EK3.XX.XXX A1 .X	Anodized Aluminum
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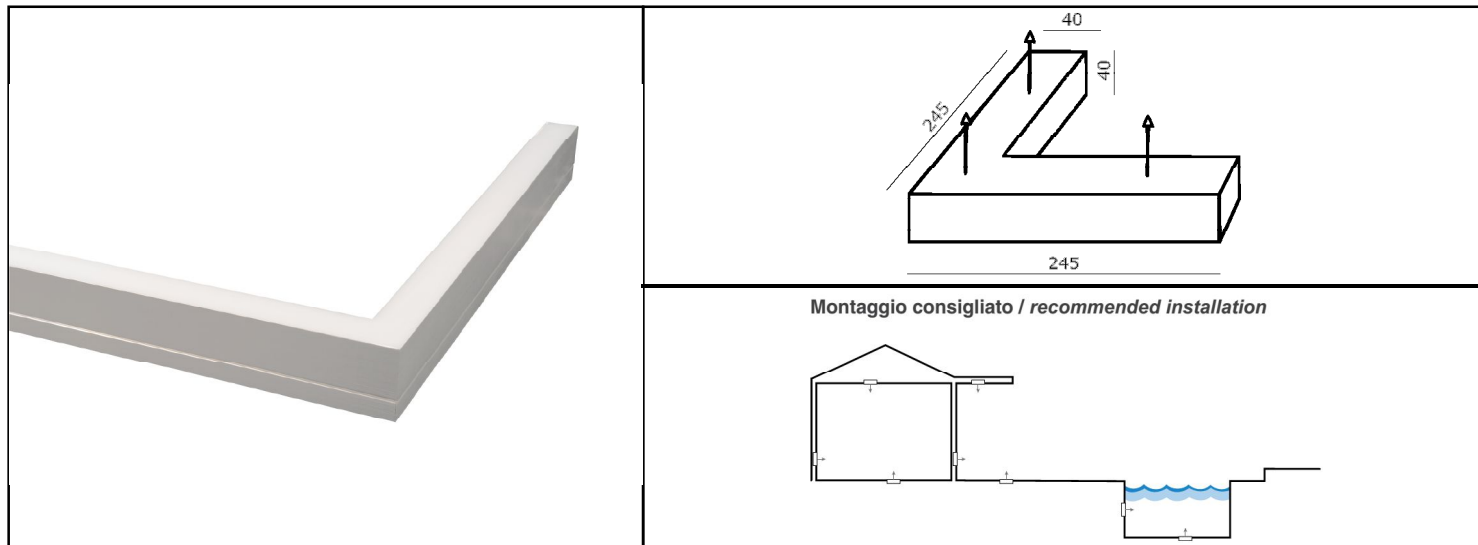
OPAL



* Nominal values @ junction temperature Tj=25°C
 ** Average values @ junction temperature Tj=80°C

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.

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	6 W
Light Source	Signal LED
Pitch	20 mm
Color Temperature	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal diffuser
Tc metal body	< 90 °C
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable	2x AWM style 20233 2xAWG18 (Red;Black)+3xAWG20 (R/b, G/b, B/b) L. 1 m.
Weigth	640 g
Walk over	up to 300 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



IP68 30 m



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)	pitch (mm)
EK3.51.XXXXX.X	6	245x245	20

OPTICAL FEATURES:

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

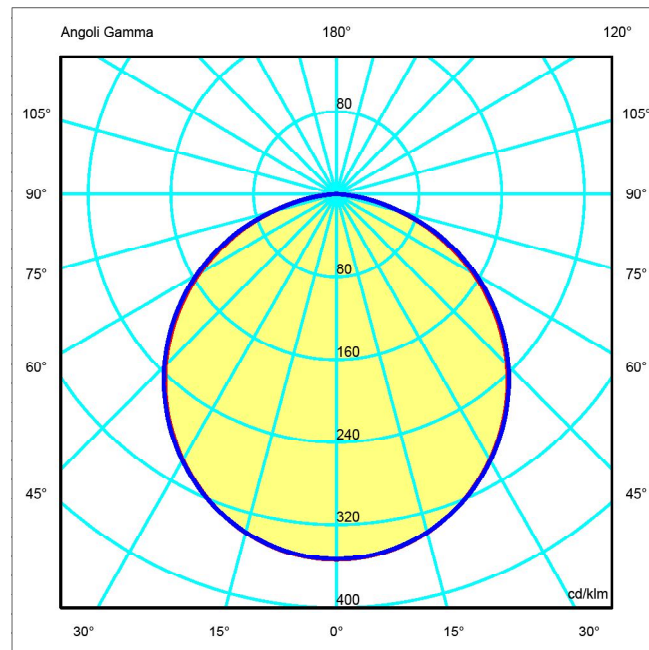
LED FEATURES:

	Signal LED
EK3.XX.X90XX.X	R, G, B,

FINISHES FEATURES:

EK3.XX.XXXA1.X	Anodized Aluminum
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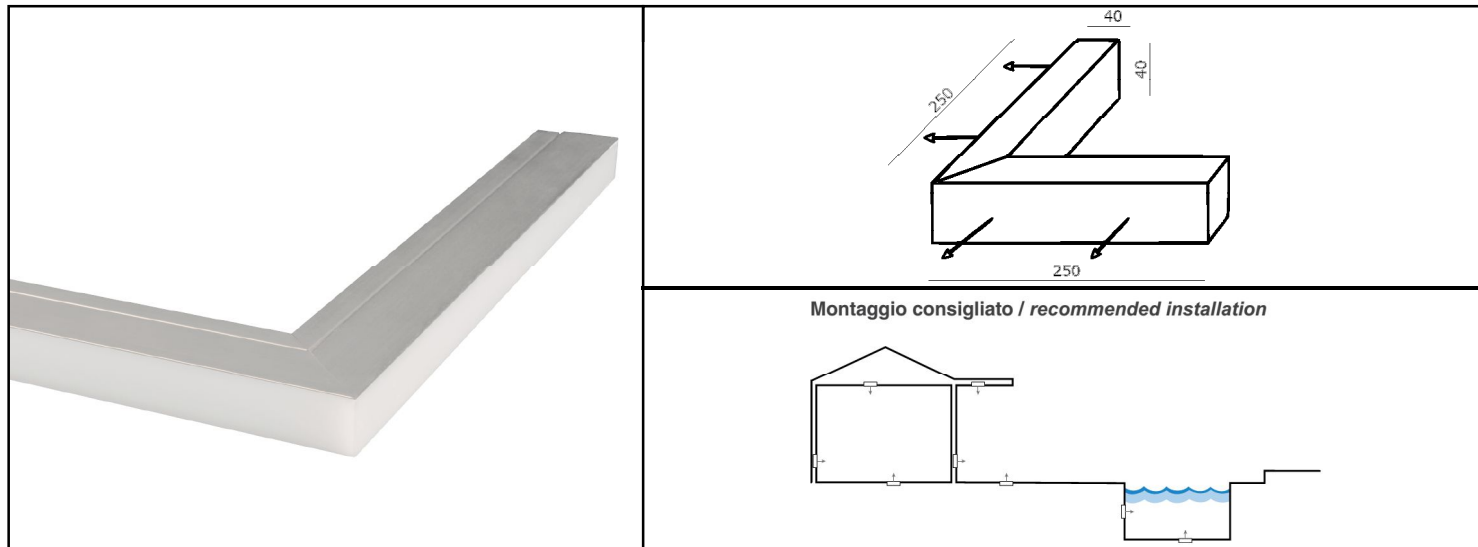
OPAL



* Nominal values @ junction temperature Tj=25°C
 ** Average values @ junction temperature Tj=80°C

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.

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	6 W
Light Source	Signal LED
Pitch	20 mm
Color Temperature	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal diffuser
Tc metal body	< 90 °C
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable	2x AWM style 20233 2xAWG18 (Red;Black)+3xAWG20 (R/b, G/b, B/b) L. 1 m.
Weigth	674 g
Walk over	up to 300 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



NOTE:

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

Photometric data available at www.aldabra.it

EK3 External edge RGB DATA-SHEET

GENERAL FEATURES:

	power (W)	length (mm)	pitch (mm)
EK3.52.XXXXX.X	6	250x250	20

OPTICAL FEATURES:

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

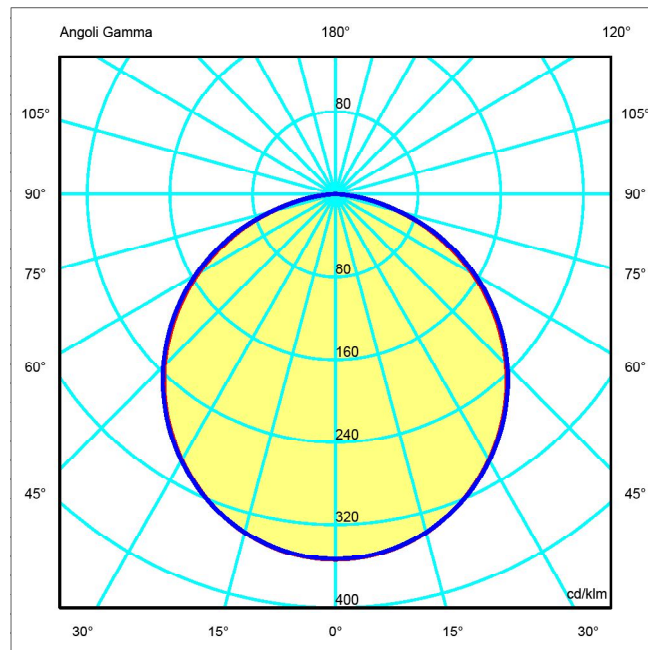
LED FEATURES:

	Signal LED
EK3.XX.X90XX.X	R, G, B,

FINISHES FEATURES:

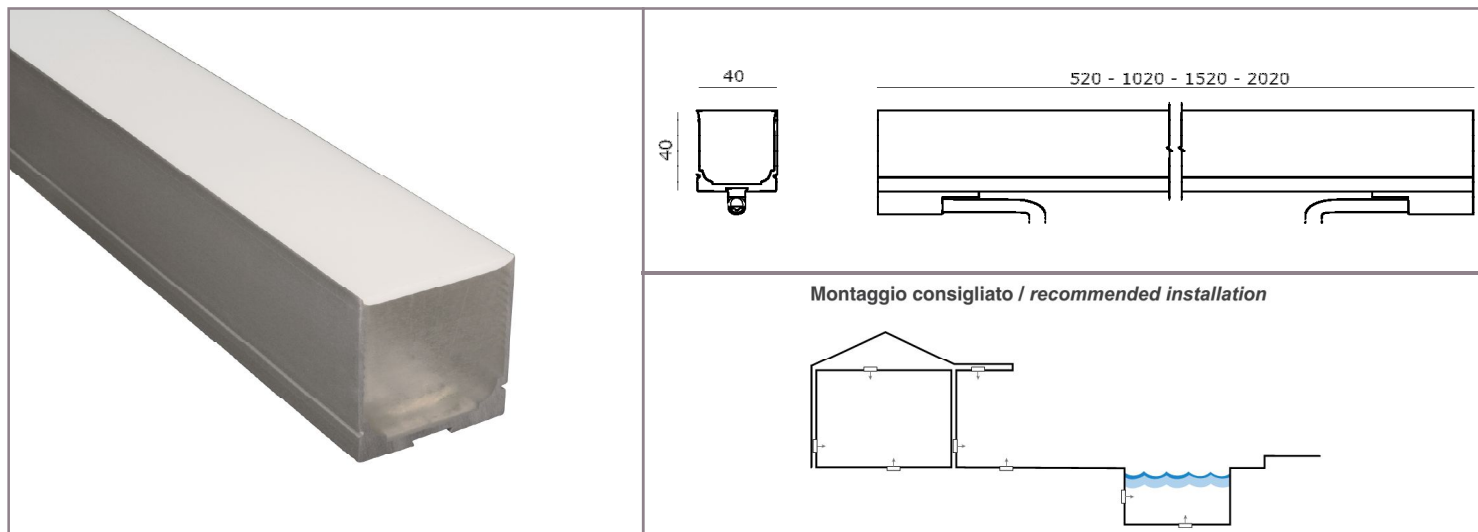
EK3.XX.XXXA1.X	Anodized Aluminum
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OPAL



* Nominal values @ junction temperature $T_j=25^{\circ}\text{C}$
 ** Average values @ junction temperature $T_j=80^{\circ}\text{C}$

EK3 RGB move DATA-SHEET



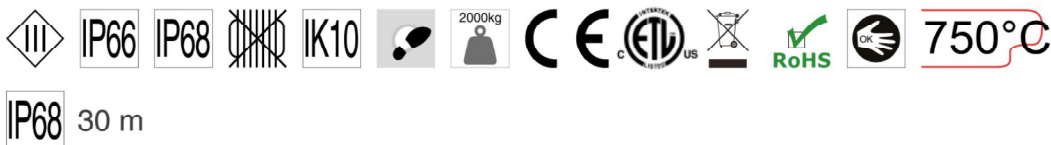
PRODUCT DESCRIPTION:

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

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

TECHNICALS FEATURES:

Materials	Aluminium ; Resins
Finishes	Anodized Aluminium
Power Supply	24 Vdc constant voltage
Power	12 W/m
Light Source	Signal LED
Pitch	25 mm
Color Temperature	R=622nm, G=530nm, B=470nm
Lifetime	> 50000 h (L80B20)
Optics	Transparent or Opal diffuser
Tc metal body	< 90 °C
Ta operating temperature	- 30 ÷ 50 C°
Ts surface temperature	≤ 65 °C
Functions	On/Off ; dimmable
Cable RGB move	In: AWM style 20233 2xAWG18 (Red;Black)+2xAWG20 (R/b, B/b) L. 1 m. Out: AWM style 20233 2xAWG18 (Red;Black) L. 1 m.
Weigth	2450 g/m
Walk over	up to 500 Kg
Static load resistance	2000 Kg
Installations	Ground, Wall ,ceiling recessed - immersion
Norms	60598-1 ; 60598-2 and its parts



NOTE:

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

Photometric data available at www.aldabra.it

EK3 RGB move DATA-SHEET

GENERAL FEATURES:

	power (W)	length (mm)	pitch (mm)
EK3.01 .XXXXX.X	6	520	25
EK3.02 .XXXXX.X	12	1020	25
EK3.03 .XXXXX.X	18	1520	25
EK3.04 .XXXXX.X	24	2020	25

OPTICAL FEATURES:

EK3.XX.DXXXX.X Opal diffuser 113°

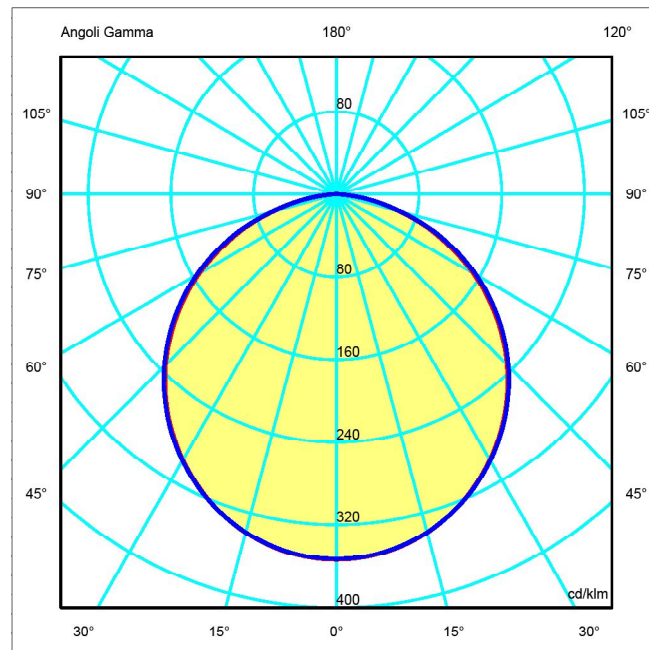
LED FEATURES:

EK3.XX.X92XX.X Signal LED
R, G, B

FINISHES FEATURES:

EK3.XX.XXXA1.X Anodized Aluminum

OPAL



* Nominal values @ junction temperature $T_j=25^{\circ}\text{C}$
 ** Average values @ junction temperature $T_j=80^{\circ}\text{C}$