

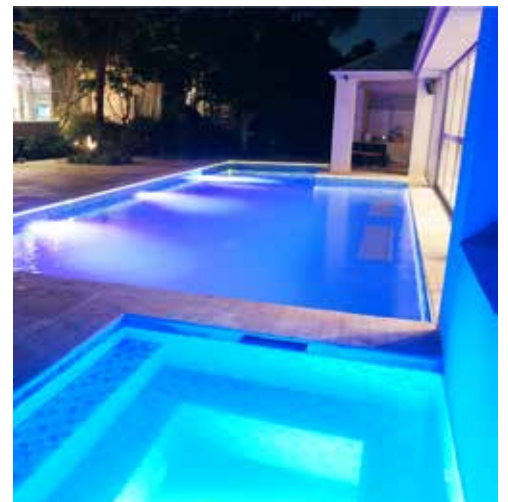
# Fibre Optic Wet Area



Wall Lighting



Star Lighting



Perimeter lighting

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## Illuminator



The IP43 illuminators can be installed in outdoor and indoor environments. There are two units available, a standalone version and a DMX version. Both units are operated via wireless remote whereas the DMX illuminator connected with a gateway can be integrated into home automation systems such as CBUS, Dynalite and RS232 protocols.

Each unit comes with a 28mm fibre connection harness with either a 4 entry or 3 entry fibre cable adaptor. The 4 entry adaptor is for the 10.5mm fibre cable and the 3 entry adaptor is for the 13.5mm fibre cable.

Fibre Connector Harness



Connector Adaptor



Connector Adaptor



DMX Cable



RS232 Module

PART No	DESCRIPTION	MATERIAL	PORT DIAM	FIBRE CAPACITY
FOC-ILLIP43-80	80 Watt LED illuminator with 6 Colours & wireless remote	AIS304	28mm	1000x0.75mm / 600x1.00mm
FOC-ILLIP43-80DMX	80 Watt LED DMX illuminator with 6 Colours & wireless remote	AIS304	28mm	1000x0.75mm / 600x1.00mm
FOC-ILLIP43-CON	Fibre connector harness	ALLUM	30mm	N/A
FOC-ILLIP43-ADA3	Fibre connection adaptor holds up to 3 x 13.50mm fibre cables	ALLUM	28mm	3x13.50mm
FOC-ILLIP43-ADA4	Fibre connection adaptor holds up to 4 x 10.50mm fibre cables	ALLUM	28mm	4x10.50mm
FOC-RS232-DMX	DMX to RS232 module with XLR, USB & serial connections	PVC	N/A	N/A
FOC-DMX-CABLE 2M	3 Pin DMX cable extension 2 meter	PVC	N/A	N/A
FOC-DMX-CABLE 5M	3 Pin DMX cable extension 5 meter	PVC	N/A	N/A

## Fibre cable



A specifically designed fibre cable for use in treated water environments providing maximum side light illumination. 2 sizes available 13mm as standard and 18mm for high brightness applications. The fibre cables can be installed fully submerged or above the water line.

PART No	DESCRIPTION	MATERIAL	OUTER DIAM	CORE DIAM
FOC-C-SE-042x1.00	Side emitting multi-strand 13mm	PMMA	13.00mm	8.50mm
FOC-C-SE-098x1.00	Side emitting multi-strand 18mm	PMMA	18.00mm	14.00mm

## Mounting tracks



Fibre mounting tracks are a clear plastic in 2 meter lengths typically fixed underneath the coping. 4 stainless screws per track at even spacing are recommended for fixing.

PART No	DESCRIPTION	MATERIAL	OUTER DIM	FIBRE CABLE DIAM
FOC-TK-PL-10	Clear plastic track 2000mm suit 10.50-13mm Fibre cable	Polycarb	13x15mm	13mm
FOC-TK-PL-18	Clear plastic track 2000mm suit 18mm Fibre cable	Polycarb	19x21mm	18mm
FOC-TK-PLUG 5X25	5 x 25mm White Frame wall plugs	ALLUM	28mm	3x13.50mm
FOC-TK-SCREW 5/8	Stainless steel 5/8 screw	ALLUM	28mm	4x10.50mm

## Illuminator



The IP43 illuminators can be installed in outdoor and indoor environments. There are two units available, a standalone version and a DMX version. Both units are operated via wireless remote whereas the DMX illuminator connected with a gateway can be integrated into home automation systems such as CBUS, Dynalite and RS232 protocols.

Each unit comes with a fibre connection harness in either a 23mm or 29mm fibre cable adaptor.

Fibre Connector Harness



Connector Adaptor



Connector Adaptor



DMX Cable



RS232 Module

PART No	DESCRIPTION	MATERIAL	PORT DIAM	FIBRE CAPACITY
FOC-ILLIP43-80	80 Watt LED illuminator with 6 Colours & wireless remote	AlS304	30mm	1000x0.75mm / 600x1.00mm
FOC-ILLIP43-80DMX	80 Watt LED DMX illuminator with 6 Colours & wireless remote	AlS304	30mm	1000x0.75mm / 600x1.00mm
FOC-ILLIP43-CON	Fibre connector harness	ALLUM	30mm	N/A
FOC-ILLIP43-ADA23	Fibre connection adaptor 23mm internal diameter	ALLUM	30mm	700x0.75mm / 400x1.00mm
FOC-ILLIP43-ADA29	Fibre connection adaptor 29mm internal diameter	ALLUM	30mm	1000x0.75mm / 600x1.00mm
FOC-RS232-DMX	DMX to RS232 module with XLR, USB & serial connections	PVC	N/A	N/A
FOC-DMX-CABLE 2M	3 Pin DMX cable extension 2 meter	PVC	N/A	N/A
FOC-DMX-CABLE 5M	3 Pin DMX cable extension 5 meter	PVC	N/A	N/A

## Fibre cable



End emitting fibre cable jacketed in black PVC protecting the fibres for lighting pool walls, paving areas, steam rooms and saunas. Smaller diameter fibre cables used in low level ambient lighting and the 10mm to 12mm cables for higher brightness applications.

PART No	DESCRIPTION	MATERIAL	OUTER DIAM	CORE DIAM
FOC-C-EE-007	End emitting multi-strand 3.80mm	PMMA	3.80mm	2.00mm
FOC-C-EE-014	End emitting multi-strand 5.00mm	PMMA	5.00mm	3.00mm
FOC-C-EE-050	End emitting multi-strand 9.40mm	PMMA	9.40mm	5.00mm
FOC-C-EE-050	End emitting multi-strand 12.00mm	PMMA	12.00mm	7.50mm

## Fittings



Wall fittings are made from ABS plastic with a white or chrome face finish. Lenses are available in a narrow 30 degree beam or a wider 60 degree.

PART No	DESCRIPTION	MATERIAL	OUTER DIM	FIBRE CABLE DIAM
FOC-F-WLF801 W	Plastic ABS IP68 118mm thread type. White face	ABS	118mm	20mm
FOC-F-WLF801 C	Plastic ABS IP68 118mm thread type. Chrome face	ABS	118mm	20mm

## Star pool feature



StarEFX pool lighting is a specialised and customised feature installed by LightEFX approved installers. For further information regarding design or installation for your project or pricing contact LightEFX on 1300 762 299 to speak with a consultant.

## Other fittings & accessories

LightEFX offers a variety fittings for fountains, path lighting and general wet area lighting. Contact one of the LightEFX consultants for your enquiry and project delivery.

FOUNTAIN FITTINGS



FOC-ODF

WALL & CEILING FITTINGS



FOC-WLF

PAVE LIGHT FITTINGS



FOC-LFF104

PAVE LIGHT FITTINGS



FOC-LFF204

MOUNTING CLIPS



FOC-CLIP-13MM

FIBRE CABLE TOOLS



Hotknife

PART No	DESCRIPTION	MATERIAL	OUTER DIAM	FIBRE CAPACITY
FOC-ODF502	Outdoor directional IP68 43mm Fitting 17° fresnel lens	AIS316	43mm	6.50mm
FOC-ODF512	Outdoor directional IP68 43mm Fitting 48° fresnel lens	AIS316	43mm	6.50mm
FOC-F-WLF713	IP68 AIS316 25mm light fitting 3mm fibre	AIS316	25mm	3mm
FOC-F-WLF751	IP68 AIS316 45mm light fitting 5mm fibre	AIS316	45mm	5mm
FOC-F-LFF104	IP68 square glass paver, frosted finish (includes AIS304 burial box)	Glass	100x100mm	3mm
FOC-F-LFF204	IP68 round glass paver, frosted finish (includes AIS304 burial box)	Glass	105mm	3mm
FOC-CLIP-13MM	Clear plastic clip suit 13mm O/D fibre cable	Polycarb	22x24mm	13mm
FOC-HOTKNIFE	Fibre optic hotknife (240V)	N/A	N/A	N/A