



Date \_\_\_\_\_

Type \_\_\_\_\_

Firm Name \_\_\_\_\_

Project \_\_\_\_\_

## FOS 100 FULL COLOUR

**FOS 100 FC** is a compact LED bar designed for lighting and coloring large surfaces with a homogeneous projection, and for creating uniform background colors and cycloramas.

The unit is available in two versions:

**FOS 100 SOLO FC** (with a full-range 90-260 V AC/50-60 Hz power supplier / controller on board);

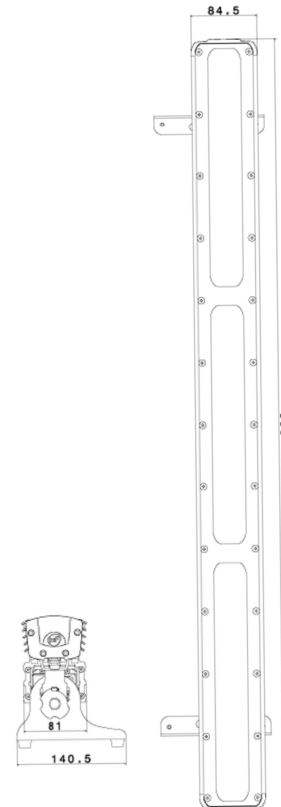
**FOS 100 FC** (without power supply; the unit can be remotely powered and controlled by the dedicated Z8 supplier / LED controller).

The units employ 15 Full Colour (RGBW) LEDs and feature 4 LED channels (Red / Green / Blue / White).

The units feature a reinforced structure made of corrosion-proof aluminium and steel offering high resistance to mechanical stress and to atmospheric agents.

The light bodies offer an IP65 protection level, against infiltrations of solids and liquids.

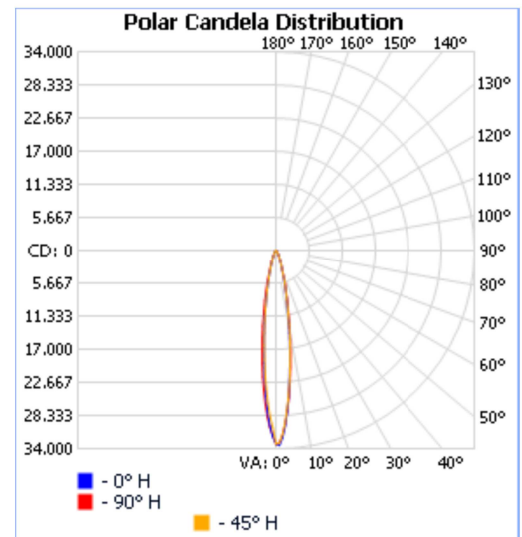
Various units can be connected together thanks to an optional fit joint; the LEDs distribution pattern guarantees no black spaces between the LEDs of in-line bars. Units can be remote-controlled using the USITT DMX 512 standard digital communication protocol.



The Lighting Company

## Technical data

Item	Specification	Details
Output	Beam Angle	15 ° / 28 ° / 42 °
	Lumens	4608
	LED Channels	Red/Green/Blue/White
	LED lifespan	50,000 hours (70% lumen output)
Electrical	Main voltage of PSU	AC 90-260 V, 50-60 Hz
	Power consumption	100W Max
Control	Interface	DMX 512
	Supply / Control system	Z1 or Z8
	Fixtures x Power Supply	1 (Z1); 8 (Z8)
Physical	Protection	IP65 (FOS) - IP20/IP65 (FOS SOLO)
	Dimensions FOS (LxWxH)	990 x 60 x 78 mm
	Dimensions FOS SOLO (LxWxH)	990 x 100 x 78 mm
	Weight (FOS / FOS SOLO)	5,5 Kg / 7 Kg
	Housing	Aluminium and steel
	Lens	Tempered glass
	Connections	M12 male connector + cable
Certifications	Operating temperature	-10°/+40°
	Electrical / Safety	UL1598 ; UL8750 ; EN55015EMC; EN60598-1; EN62471; EN 61347-2-13



Distance (M)	Illuminance at a Distance	
	Center Beam LUX	Beam Width
3.0M	3.687,23 LUX	0,8M 0,9M
6.0M	921,81 LUX	1,6M 1,8M
9.0M	409,69 LUX	2,4M 2,7M
12.0M	230,45 LUX	3,2M 3,6M
15.0M	147,49 LUX	4,0M 4,4M
18.0M	102,42 LUX	4,8M 5,3M

■ Vert. Spread: 15,2° ■ Horiz. Spread: 16,9°

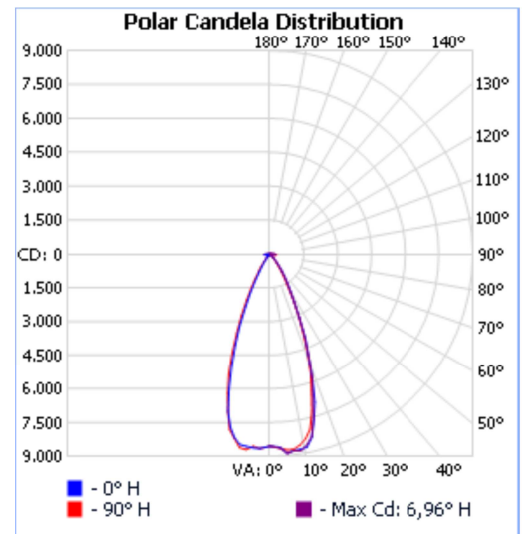
## Models

Item	Type	Item Number
FOS 100 FC	15° Lens *Black	03.LB032.F10
	28° Lens *Black	03.LB032.F25
	42° Lens *Black	03.LB032.F40
FOS 100 SOLO FC	15° Lens *Black	03.LB033S.F10
	28° Lens *Black	03.LB033S.F25
	42° Lens *Black	03.LB033S.F40

\*Also available in Silver Grey finish

## Accessories

Type	Item	Item number
Lenses	Lenses set SPOT (3 pcs) *Silver Grey	03.LK.060
	Lenses set MEDIUM FLOOD (3 pcs) *Silver Grey	03.LK.061
	Lenses set WIDE FLOOD (3 pcs) *Silver Grey	03.LK.062
Power supplies / controllers	Z1 PLUS IP20	03.LA.009P
	Z1 PLUS IP65	04.LA.009P.IP95
	Z8 IP20	03.LA.075.V2
Cables & connectors	Z8 screw terminals	03.LA.080.V2
	6X2XAWG24 8 poles multipolar black cable	0509C062
	Female M12 8 poles cable connector	0520P050
	Male M12 8 poles cable connector	0520P051



Distance (M)	Illuminance at a Distance	
	Center Beam LUX	Beam Width
3.0M	950,16 LUX	2,3M 2,2M
6.0M	237,54 LUX	4,7M 4,5M
9.0M	105,57 LUX	7,0M 6,7M
12.0M	59,39 LUX	9,3M 8,9M
15.0M	38,01 LUX	11,6M 11,1M
18.0M	26,39 LUX	14,0M 13,4M

■ Vert. Spread: 42,4° ■ Horiz. Spread: 40,7°