

# FOS 100 SOLO FC



Powerful and Flexible for uniform Backgrounds and Cycloramas, with integrated PSU

- 15 x OSTAR RGBW LEDs
- HIGH QUALITY COLOR MIXING
- INTERCHANGEABLE BEAM ANGLES
- IP65 WATERPROOF LED BAR
- INTEGRATED IP20 OR IP65 PSU
- ETL CERTIFIED
- CUSTOMIZABLE FOR DIFFERENT APPLICATIONS

FOS 100 SOLO FC is a compact and robust IP65-rated LED bar fitted with 15 OSTAR RGBW LEDs. This powerful LED bar can be used either for background lighting or for linear effects. The unit is available with different beam angles and it can be fitted with additional filters to further enlarge its projections range. FOS 100 SOLO FC is available with an integrated IP20 PSU for temporary installations or an IP65 PSU for permanent ones.



# FOS 100 SOLO FC



## LED TECHNOLOGY |

15 x RGBW LEDs  
4,608 Lumens @ 500mA

## OPTICAL GROUP |

3 lenses sets available: 10° / 25° / 40°  
Holographic filters available on request

## COLOR GENERATION |

16 million colors  
Wide palette of pure uniform whites with variable linear color temperature (2700 K – 8000 K)

## INTERFACE / CONTROL / PROGRAMMING |

Controlled via DMX 512 and RDM standard digital communication protocols  
Internal operating system updatable via DTS RED BOX interface

## DMX |

10 DMX channels

## POWER SUPPLY |

Integrated IP20-rated or IP65-rated power supply  
Power consumption: 100 W max

## OPERATING AMBIENT TEMPERATURE |

-10° / 40°

## CONNECTIONS |

IP20-rated PSU  
PowerCON IN/OUT panel connectors  
XLR 5 pins IN/OUT panel connectors  
IP65-rated PSU  
Power IN cable  
Power OUT Harting panel connector  
DMX IN/OUT Harting panel connectors

## PHYSICAL |

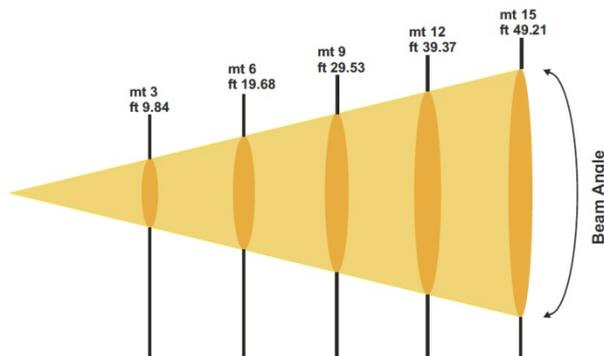
IP20 or IP65  
IK protection degree: IK09 (only IP65-rated)  
Housing: Aluminium  
Weight: 7.5 Kg  
Dimensions: 990 x 140 x 168 h mm

## INTERNATIONAL CERTIFICATIONS |

FOS is ETL C/US certified.  
Electrical / Safety: UL1598; UL8750; EN55015EMC; EN60598-1; EN 60598-1; EN 62471; EN 61347-2-13

## INCLUDED ITEMS |

1 x Fit joint for joining bars inline (code 02M09519.46)  
2 x M4 knob for fit joint (code 0511P014)  
1 x PowerCON IN female cable connector – Only for IP20-rated (code 0520P014)  
1 x PowerCON OUT female cable connector – Only for IP20-rated (code 0520P029)  
1 x XLR 5 Pins female cable connector – Only for IP20-rated (code 0508B027)  
1 x XLR 5 Pins male cable connector – Only for IP20-rated (code 0508B028)  
1 x HARTING 5 pins male cable connector – Only for IP65-rated (code 02LD0093.1)  
2 x HARTING 4 pins male cable connector – Only for IP65-rated (code 02LD0032)



Lux center [lx]	3687	922	410	230	147
Foot candles [fc]	343	86	38	21	14
Diameter [cm]	52	105	157	210	262
Diameter [ft]	1.72	3.44	5.17	6.89	8.61
Lux center [lx]	1402	351	156	88	56
Foot candles [fc]	130	33	14	8	5
Diameter [cm]	133	266	399	532	665
Diameter [ft]	4.36	8.73	13.09	17.46	21.82
Lux center [lx]	950	238	106	59	38
Foot candles [fc]	88	22	10	6	4
Diameter [cm]	218	437	655	874	1092
Diameter [ft]	7.16	14.33	21.49	28.66	35.82

Beam Angle 10°

Beam Angle 25°

Beam Angle 40°