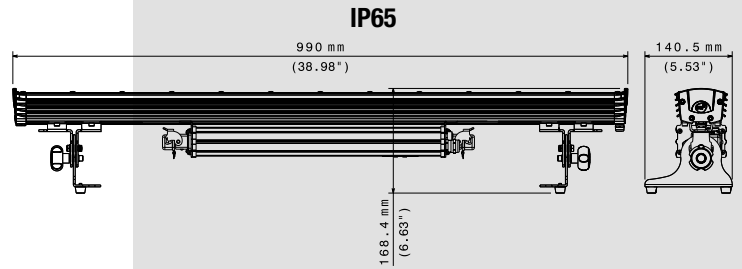
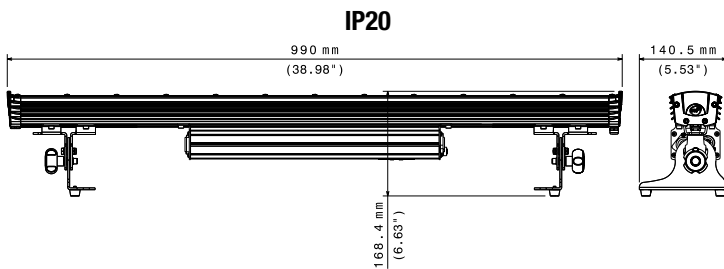


FOS 100 DYNAMIC SOLO FC



LED BAR WITH SINGLE PIXEL CONTROL TO CREATE ENDLESS VARIETY OF DYNAMIC EFFECTS



FEATURES



OPTIONALS

CERTIFICATIONS



CODES

IP20-RATED

SP LENSES 10° - 03.DYN008S.F10
MF LENSES 25° - 03.DYN008S.F25
WF LENSES 40° - 03.DYN008S.F40

IP65-RATED - ON DEMAND

SP LENSES 10° - 03.DYN007S.F10
MF LENSES 25° - 03.DYN007S.F25
WF LENSES 40° - 03.DYN007S.F40



TECHNICAL DATA

OUTPUT

- 15 Full Color (RGBW) LEDs:
- Pixel to pixel control
- 4,608 Lumen @ 500mA
- LED lifespan: 50,000 hours (70% lumen output)

OPTICAL GROUP

- 3 lenses sets available: 10° / 25° / 40°
- Holographic filters available on request
- Uniform projection on surfaces

COLOR GENERATION

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

CONTROL

- Multi-function 4-digit 7-segment LED display + 4 soft keys
- RDM / DMX 512 protocols
- Internal operating system updatable via DTS dongle firmware uploader

DMX

- 10 DMX channels (default)

POWER SUPPLY

- Integrated full-range PSU 100-240Vac 50-60 Hz;
- Power consumption: 150 W max
- Power Factor: PF >0.95

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

OPERATING TEMPERATURE

-10° / 40° C

PHYSICAL

- IP20 or IP65
- IK protection degree: IK09 (only IP65-rated)
- Housing: Aluminium
- Weight
 - IP20 rated: 7.1 Kg (15.7 lbs)
 - IP65 rated: 7.5 Kg (16.5 lbs)
- Finishing: Black

ACCESSORIES INCLUDED

- 1 x Fit joint for joining bars inline (code 02M09519.46)
- 2 x M4 knob for fit joint (code 0511P014)

ONLY FOR IP20-RATED

- 1 x PowerCON IN female cable connector (code 0520P014)
- 1 x PowerCON OUT female cable connector (code 0520P029)
- 1 x XLR 5 Pins female cable connector (code 0508B027)
- 1 x XLR 5 Pins male cable connector (code 0508B028)

ONLY FOR IP65-RATED

- 1 x HARTING 5 pins male connector (code 02LD0093.1)
- 1 x HARTING 4 pins male connector (code 02LD0032)

ACCESSORIES ON REQUEST

- Lenses set Narrow 10° (code 03.LK.060.N)
- Lenses set Medium 25° (code 03.LK.061.N)
- Lenses set Wide 40° (code 03.LK.062.N)
- Barndoor and Holographic Filter holder (code 03.LA.142)
- Holographic Filter (complete list in the accessories section)
- Kit Fit joint for joining bars inline - includes 1 x 02M09519.46 and 2 x 0511P014 (code 03.LA.023)
- Line joining truss kit (code 02SK0382)
- Fast-lock bracket kit (code 03.LA.024)
- Short bracket for wall installation (code 03.LA.025)
- Single-side light shield (code 02M09594.46)
- Omega bracket with "Fast Lock" connection 1/4 turn (code 02K00467)
- G60 "C" Clamp - max. load 50 Kg (code 0521A004)
- G-QUICK clamp Professional - max. capacity load 100 Kg (code 0521A037)
- Safety cable - 3 x 600 mm - max. capacity load 30 Kg (code 0521A010)
- Outdoor DMX cable 2 x 0,25 mm² - Flame retardant (code 0509C158)
- Flightcase for 4 units (code 0521C069)
- DTS dongle firmware uploader (code 03.LA.206)

ONLY FOR IP65-RATED

- Permanent Installation kit IP68 2 POWER + 2 DMX (code 03.LA.216)

PHOTOMETRIC DATA

| | mt 3 ft 9.84 | mt 6 ft 19.68 | mt 9 ft 29.53 | mt 12 ft 39.37 | mt 15 ft 49.21 | |
|----------------|-------------------|------------------|------------------|-------------------|-------------------|------|
| BEAM ANGLE 10° | 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 |

| | mt 3 ft 9.84 | mt 6 ft 19.68 | mt 9 ft 29.53 | mt 12 ft 39.37 | mt 15 ft 49.21 | |
|----------------|-------------------|------------------|------------------|-------------------|-------------------|-------|
| BEAM ANGLE 25° | 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 |

| | mt 3 ft 9.84 | mt 6 ft 19.68 | mt 9 ft 29.53 | mt 12 ft 39.37 | mt 15 ft 49.21 | |
|----------------|-------------------|------------------|------------------|-------------------|-------------------|-------|
| BEAM ANGLE 40° | 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 |