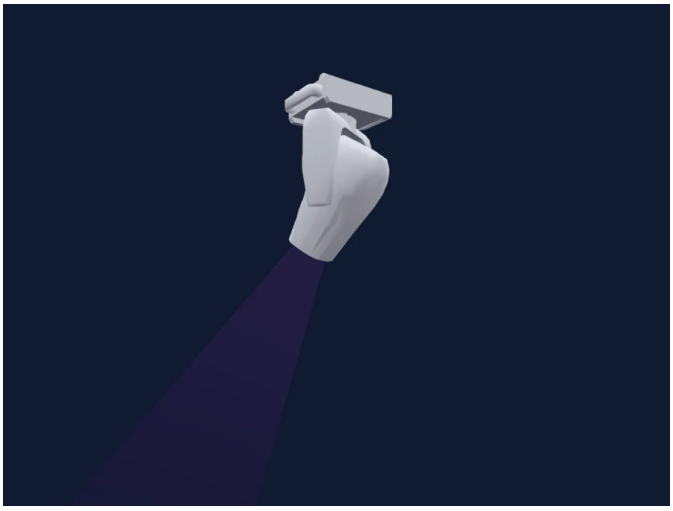
FOS Technologies

# ARES



| | |
|---|---|
| Manufacturer | **FOS Technologies** |
| Type | **Profile spot** |
| DMX modes | **1** |
| DMX footprint | **37 channels** |
| Beam angle | **6.2-48.8°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **251 × 412 × 228 mm** |
| GDTF fixture type | **715B3457-A640-4572-A122-60…** |

## Controls

Focus · Frost · Iris · Prism · Prism rotation · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

## Safety-relevant functions

Fixture reset · Strobe

## DMX modes

| | |
|---|---|
| Standard | 37 ch |

## Standard

37 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 128 | |
| 2 | Pan Fine | 0 | Fine byte of Pan |
| 3 | Tilt | 128 | |
| 4 | Tilt Fine | 0 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Function | 0 | 0–29 Unused Range<br>30–39 DIM CURVE SQAURE<br>40–49 DIM CURVE INV SQAURE<br>50–59 DIM CURVE LINEAR<br>60–169 DIMMER CURVE S SHAPE<br>170–179 DEFAULT DIMMING SPEED<br>180–189 FAST DIMMING SPEED<br>190–199 SMOOTH DIMMING SPEED<br>200–209 RESET ALL<br>210–219 LAMP RESET<br>220–255 XY RESET |
| 7 | Shutter / Strobe | 0 | |
| 8 | Dimmer | 0 | 0–254 Close<br>255–255 Open |
| 9 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 10 | Cyan | 0 | |
| 11 | Magenta | 0 | |
| 12 | Yellow | 0 | |
| 13 | C TO | 0 | 0–254 Min CTO<br>255–255 Max CTO |
| 14 | Color Wheel | 0 | |
| 15 | Gobo | 0 | 0–7 OPEN (wheel slot 1)<br>8–15 GOBO 1 (wheel slot 2)<br>16–23 GOBO 2 (wheel slot 3)<br>24–31 GOBO 3 (wheel slot 4)<br>32–39 GOBO 4 (wheel slot 5)<br>40–47 GOBO 5 (wheel slot 6)<br>48–55 GOBO 6 (wheel slot 7)<br>56–255 GOBO 7 (wheel slot 8) |
| 16 | Gobo Rotation | 191 | |
| 17 | Gobo Rotation Fine | 0 | Fine byte of Gobo Rotation |
| 18 | Gobo 2 | 0 | 0–7 OPEN (wheel slot 1)<br>8–15 Gobo 1 (wheel slot 2)<br>16–23 Gobo 2 (wheel slot 3)<br>24–31 Gobo 3 (wheel slot 4)<br>32–39 Gobo 4 (wheel slot 5)<br>40–47 Gobo 5 (wheel slot 6)<br>48–55 Gobo 6 (wheel slot 7)<br>56–255 Gobo 7 (wheel slot 8) |
| 19 | Iris | 0 | |
| 20 | Animation Wheel1 | 0 | 0–7 Open (wheel slot 1)<br>8–255 Animation (wheel slot 2) |
| 21 | Prism | 0 | 0–127 Open (wheel slot 1)<br>128–255 Prism 4 Facet (wheel slot 2) |
| 22 | Prism Rotation | 191 | |
| 23 | Prism Rotation Fine | 0 | Fine byte of Prism Rotation |
| 24 | Frost1 | 0 | 0–0 Open (wheel slot 1)<br>1–127 Frost 1 (wheel slot 2)<br>128–255 Frost 2 |

## Standard (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **25** | Zoom | 128 | 0–127 Min<br>128–254 Home<br>255–255 Max |
| **26** | Zoom Fine | 128 | Fine byte of Zoom |
| **27** | Focus | 128 | |
| **28** | Focus Fine | 128 | Fine byte of Focus |
| **29** | Shaper Rot | 128 | 0–0 Left<br>1–127 Left - Center<br>128–128 Center<br>129–254 Center - Right<br>255–255 Right |
| **30** | Blade1A | 0 | 0–127 Min 1A<br>128–254 Center<br>255–255 Max 1A |
| **31** | Blade1B | 0 | 0–0 -30<br>1–127 -30 - 0<br>128–128 0<br>129–254 0 - 30<br>255–255 30 |
| **32** | Blade2A | 0 | 0–127 Min 2A<br>128–254 Center<br>255–255 Max 2A |
| **33** | Blade2B | 0 | 0–0 - 30<br>1–127 -30 - 0<br>128–128 0<br>129–254 0 - 30<br>255–255 30 |
| **34** | Blade3A | 0 | 0–127 Min 3A<br>128–254 Center<br>255–255 Max 3A |
| **35** | Blade3B | 0 | 0–0 -30<br>1–127 -30 - 0<br>128–128 0<br>129–254 0 - 30<br>255–255 30 |
| **36** | Blade4A | 0 | 0–127 MIn 4A<br>128–254 Center<br>255–255 Max 4A |
| **37** | Blade4B | 0 | 0–0 -30<br>1–127 -30 - 0<br>128–128 0<br>129–254 0 - 30<br>255–255 30 |