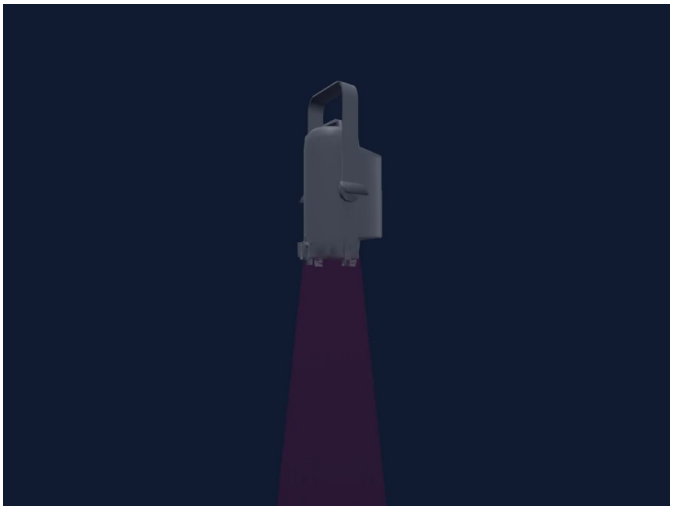
LPL

# Fresnel Led 50W



| | |
|---|---|
| Manufacturer | **LPL** |
| Type | **Spot** |
| DMX modes | **5** |
| DMX footprint | **1, 2, 3, 4, 5 channels** |
| Beam angle | **14°** |
| Size (W × H × D) | **100 × 260 × 150 mm** |
| GDTF fixture type | **3064449C-B94B-4A16-AE69-2E…** |

## Controls

Strobe · Dimmer

## Safety-relevant functions

Strobe

## DMX modes

| | |
|---|---|
| Dimmer | 1 ch |
| Dimmer 16bit | 2 ch |
| 3CH | 3 ch |
| Standard | 4 ch |
| Extended | 5 ch |

## Dimmer

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–24 0%<br>25–50 10%<br>51–63 20%<br>64–75 25%<br>76–101 30%<br>102–127 40%<br>128–152 50%<br>153–178 60%<br>179–190 70%<br>191–203 75%<br>204–228 80%<br>229–254 90%<br>255–255 100% |

## Dimmer 16bit

2 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–24 0%<br>25–50 10%<br>51–63 20%<br>64–75 25%<br>76–101 30%<br>102–127 40%<br>128–152 50%<br>153–178 60%<br>179–190 70%<br>191–203 75%<br>204–229 80%<br>230–254 90%<br>255–255 100% |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |

## 3CH

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–24 0%<br>25–50 10%<br>51–63 20%<br>64–75 25%<br>76–101 30%<br>102–127 40%<br>128–152 50%<br>153–178 60%<br>179–190 70%<br>191–203 75%<br>204–229 80%<br>230–254 90%<br>255–255 100% |
| 2 | Shutter / Strobe | 50 | 0–31 Closed<br>32–63 Open<br>64–94 Strobe Min<br>95–95 Strobe Max<br>96–127 Open<br>128–158 Strobe Pulse Min<br>159–159 Strobe Pulse Max<br>160–191 Open<br>192–222 Random Strobe Min<br>223–223 Random Strobe Max<br>224–255 Open |

### 3CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 3 | Dimmer Mode | 0 | 0–20 Standart<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s Delay<br>122–122 0/1s Delay<br>123–123 0/2s Delay<br>124–124 0/3s Delay<br>125–125 0/4s Delay<br>126–126 0/5s Delay<br>127–127 0/6s Delay<br>128–128 0/7s Delay<br>129–129 0/8s Delay<br>130–130 0/9s Delay<br>131–131 1s Delay<br>132–132 1/5s Delay<br>133–133 2s Delay<br>134–134 3s Delay<br>135–135 4s Delay<br>136–136 5s Delay<br>137–137 6s Delay<br>138–138 7s Delay<br>139–139 8s Delay<br>140–140 9s Delay<br>141–141 10s Delay<br>142–255 Default |

## Standard

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–24 0%<br>25–50 10%<br>51–63 20%<br>64–75 25%<br>76–101 30%<br>102–127 40%<br>128–152 50%<br>153–178 60%<br>179–190 70%<br>191–203 75%<br>204–229 80%<br>230–254 90%<br>255–255 100% |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Shutter / Strobe | 50 | 0–31 Closed<br>32–63 Open<br>64–94 Strobe Min<br>95–95 Strobe Max<br>96–127 Open<br>128–158 Strobe Pulse Min<br>159–159 Strobe Pulse Max<br>160–191 Open<br>192–222 Random Strobe Min<br>223–223 Random Strobe Max<br>224–255 Open |

### Standard (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 4 | Dimmer Mode | 0 | 0–20 Standart<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s Delay<br>122–122 0/1s Delay<br>123–123 0/2s Delay<br>124–124 0/3s Delay<br>125–125 0/4s Delay<br>126–126 0/5s Delay<br>127–127 0/6s Delay<br>128–128 0/7s Delay<br>129–129 0/8s Delay<br>130–130 0/9s Delay<br>131–131 1s Delay<br>132–132 1/5s Delay<br>133–133 2s Delay<br>134–134 3s Delay<br>135–135 4s Delay<br>136–136 5s Delay<br>137–137 6s Delay<br>138–138 7s Delay<br>139–139 8s Delay<br>140–140 9s Delay<br>141–141 10s Delay<br>142–255 Default |

## Extended

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–24 0%<br>25–50 10%<br>51–63 20%<br>64–75 25%<br>76–101 30%<br>102–127 40%<br>128–152 50%<br>153–178 60%<br>179–190 70%<br>191–203 75%<br>204–229 80%<br>230–254 90%<br>255–255 100% |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Shutter / Strobe | 50 | 0–31 Closed<br>32–63 Open<br>64–94 Strobe Min<br>95–95 Strobe Max<br>96–127 Open<br>128–158 Strobe Pulse Min<br>159–159 Strobe Pulse Max<br>160–191 Open<br>192–222 Random Strobe Min<br>223–223 Random Strobe Max<br>224–255 Open |

## Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **4** | Dimmer Mode | 0 | 0–20 Standart<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s Delay<br>122–122 0/1s Delay<br>123–123 0/2s Delay<br>124–124 0/3s Delay<br>125–125 0/4s Delay<br>126–126 0/5s Delay<br>127–127 0/6s Delay<br>128–128 0/7s Delay<br>129–129 0/8s Delay<br>130–130 0/9s Delay<br>131–131 1s Delay<br>132–132 1/5s Delay<br>133–133 2s Delay<br>134–134 3s Delay<br>135–135 4s Delay<br>136–136 5s Delay<br>137–137 6s Delay<br>138–138 7s Delay<br>139–139 8s Delay<br>140–140 9s Delay<br>141–141 10s Delay<br>142–255 Default |
| **5** | L EDFrequency | 100 | 0–100 Idle<br>101–105 900 Hz<br>106–110 1000 Hz<br>111–115 1100 Hz<br>116–120 1200 Hz<br>121–125 1300 Hz<br>126–130 1400 Hz<br>131–135 1500 Hz<br>136–140 2500 Hz<br>141–145 4000 Hz<br>146–150 5000 Hz<br>151–155 10000 Hz<br>156–160 15000 Hz<br>161–165 20000 Hz<br>166–170 25000 Hz<br>171–200 Idle<br>201–210 Curve Linear (default)<br>211–220 Curve Square<br>221–230 Curve Inverse Square<br>231–240 Curve S-Curve<br>241–255 Idle |