

## 3R Linear LED module CRI>80



- Samsung LEDs.
- Low color temperature tolerances (MacAdam 3).
- Wide range of colors (6500K, 4000K, 3000K, 2700K).
- High color rendering index CRI >80.
- Ideal for linear and panel lights.
- Compatible with LEDiL FLORENCE-3R optics.
- Possibility to have a module with connectors from the back.
- Perfectly uniform light, even if several LED modules are used together in one line.
- Easy installation.
- Long life time: >50 000 hours.
- 5-year warranty.

### EXTENSIVE USE OF OPTIONS:

Lighting fixtures  
manufacturing



Residential  
use



Commercial  
lighting projects



Outdoor  
lighting



### TECHNICAL DATA



| Model                       | AM-L1424W55-C6p55sRE-827                                  |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 1424x55x1.6   |       |       |       |
| Color                       | 2700K   |       |       |       |
| Power, W                    | 44.3  | 91.7  | 141.2 | 193.2 |
| Typical current, mA         | 300   | 600   | 900   | 1200  |
| Typical voltage, V          | 147.8   | 152.8 | 156.9 | 161.0 |
| Luminous flux, Lm           | 8537  | 16693 | 24372 | 31578 |
| Luminous efficacy, Lm/W     | 192.7   | 182.0 | 172.6 | 163.4 |
| Energy label                | C   | C     | D     | D     |
| LED quantity, pcs           | 330   |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1800  |       |       |       |
| *Max luminous flux, Lm      | 44596   |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

| Model                       | AM-L1424W55-C6p55sRE-830                                  |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 1424x55x1.6   |       |       |       |
| Color                       | 3000K   |       |       |       |
| Power, W                    | 44.3  | 91.7  | 141.2 | 193.2 |
| Typical current, mA         | 300   | 600   | 900   | 1200  |
| Typical voltage, V          | 147.8   | 152.8 | 156.9 | 161.0 |
| Luminous flux, Lm           | 8775  | 17157 | 25049 | 32455 |
| Luminous efficacy, Lm/W     | 198.1   | 187.1 | 177.4 | 168.0 |
| Energy label                | C   | C     | C     | D     |
| LED quantity, pcs           | 330   |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1800  |       |       |       |
| *Max luminous flux, Lm      | 45834   |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

\*Temperature can't exceed maximum operating temperature (+85°C)

\*\*Minimum rated module current 60mA



# 3R Linear LED module

## CRI>80



| Model                       | AM-L1424W55-C6p55sRE-840                                  |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 1424x55x1.6   |       |       |       |
| Color                       | 4000K   |       |       |       |
| Power, W                    | 44.3  | 91.7  | 141.2 | 193.2 |
| Typical current, mA         | 300   | 600   | 900   | 1200  |
| Typical voltage, V          | 147.8   | 152.8 | 156.9 | 161.0 |
| Luminous flux, Lm           | 9130  | 17852 | 26064 | 33771 |
| Luminous efficacy, Lm/W     | 206.1   | 194.7 | 184.6 | 174.8 |
| Energy label                | B   | C     | C     | C     |
| LED quantity, pcs           | 330   |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1800  |       |       |       |
| *Max luminous flux, Lm      | 47693   |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

| Model                       | AM-L1424W55-C6p55sRE-865                                  |       |       |       |
|-----------------------------|---|-------|-------|-------|
| Dimensions, mm              | 1424x55x1.6   |       |       |       |
| Color                       | 6500K   |       |       |       |
| Power, W                    | 44.3  | 91.7  | 141.2 | 193.2 |
| Typical current, mA         | 300   | 600   | 900   | 1200  |
| Typical voltage, V          | 147.8   | 152.8 | 156.9 | 161.0 |
| Luminous flux, Lm           | 9130  | 17852 | 26064 | 33771 |
| Luminous efficacy, Lm/W     | 206.1   | 194.7 | 184.6 | 174.8 |
| Energy label                | B   | C     | C     | C     |
| LED quantity, pcs           | 330   |       |       |       |
| Color rendering index (CRI) | >80   |       |       |       |
| Operating temperature       | -40°C – +85°C   |       |       |       |
| Temperature at Tc point     | +45°C   |       |       |       |
| Light angle                 | 120°  |       |       |       |
| *Max current, mA            | 1800  |       |       |       |
| *Max luminous flux, Lm      | 47693   |       |       |       |
| Connection                  | 2 x 2 pole connector. For 0.20-0.75 mm <sup>2</sup> wires |       |       |       |

\*Temperature can't exceed maximum operating temperature (+85°C)

\*\*Minimum rated module current 60mA

## TECHNICAL DRAWING (mm)

