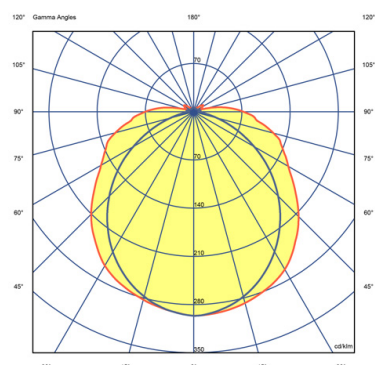




## FGL20-NW 24VDC

### 6517-04-016

High efficiency LED retrofit kit for existing light fixtures equipped with T8 or T5 fluorescent linear tubes. LED boards and connectorized power supply already mounted on new internal gear tray. Quick and simple to install: no electric or mechanical modification, no use of special tools.

| Lighting features       |                       |
|-------------------------|-----------------------|
| LED Characteristics     | <b>SMD</b>            |
| Number of LEDs          | <b>112</b>            |
| Light Source Lumen      | <b>3500 lm</b>        |
| Item Lumen              | <b>2780 lm</b>        |
| Light Source Efficiency | <b>159 lm/W @85°C</b> |
| Item Efficiency         | <b>116 lm/W @85°C</b> |
| Color Temperature       | <b>White 4000K</b>    |
| Optics                  | <b>180°</b>           |
| Typical CRI             | <b>92</b>             |
| Minimum CRI             | <b>90</b>             |
| SDCM                    | <b>3 STEP</b>         |
| Photobiological Risk    | <b>RG0</b>            |
| Energy Efficiency Class | <b>A</b> <b>D</b>     |

| Electrical features  |                         |
|----------------------|-------------------------|
| Input Voltage        | <b>18/32V DC</b>        |
| Total Absorbed Power | <b>24W</b>              |
| Control System       | <b>No</b>               |
| Driver               | <b>Included</b>         |
| Power Supply Type    | <b>Costant Current</b>  |
| Driver Output        | <b>500mA</b>            |
| Driver Input         | <b>18-32VDC</b>         |
| Through-Wiring       | <b>Yes, in the lamp</b> |

| Mechanical features           |                                    |
|-------------------------------|------------------------------------|
| Housing material              | <b>Metal frame</b>                 |
| Surface treatment             | <b>Painting</b>                    |
| Housing color                 | <b>White RAL 9016</b>              |
| IP                            | <b>IP20</b>                        |
| Mounting                      | <b>Snap-on with 4 fixing clips</b> |
| Operating ambient temperature | <b>-25°C / +55°C</b>               |
| Storage ambient temperature   | <b>-25°C / +70°C</b>               |
| Item Dimensions               | <b>640x47x141mm - 1.1kg</b>        |

| Others                            |                                                               |
|-----------------------------------|---------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 B10 &gt;75.000</b>                                     |
| Driver Lifespan                   | <b>&gt;35.000h</b>                                            |
| Packaging Dimensions              | <b>2.6kg</b>                                                  |
| International standard compliance | <b>EN 60598-1; EN 60598-2-1; EN 62471 + TR62778; EN 55015</b> |
| Eancode                           | <b>8019282561521</b>                                          |
| Made In                           | <b>Italy</b>                                                  |
| Insulation Class                  | <b>III</b><br><b>CL3</b>                                      |



