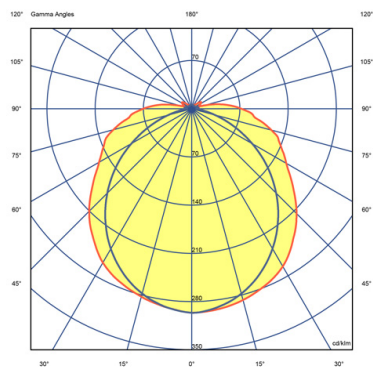




## FGL20-NW 6517-04-001

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>3150 lm</b>        |
| Item Lumen              | <b>2537 lm</b>        |
| Light Source Efficiency | <b>160 lm/W @85°C</b> |
| Item Efficiency         | <b>110 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><br><b>G</b>  |

| Electrical features  |                                        |
|----------------------|----------------------------------------|
| Input Voltage        | <b>220/240V 0-50/60Hz</b>              |
| Total Absorbed Power | <b>23W</b>                             |
| Power Factor         | <b>&gt;0,95</b>                        |
| Driver               | <b>Included</b>                        |
| Power Supply Type    | <b>Costant Current</b>                 |
| Driver Output        | <b>450mA</b>                           |
| Driver Input         | <b>220-240V 0-50/60Hz</b>              |
| Driver Protection    | <b>Mains surge 1kV; (L/N - PE) 2kV</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>           |
| Operating ambient temperature | <b>-25°C / +55°C</b>  |
| Storage ambient temperature   | <b>-25°C / +70°C</b>  |
| Item Dimensions               | <b>1,2kg</b>          |

| Others                            |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 B10 &gt;75.000</b>                                               |
| Driver Lifespan                   | <b>100.000 h with failure rate less than 10%</b>                        |
| Packaging Dimensions              | <b>2.7kg</b>                                                            |
| International standard compliance | <b>EN 60598-1; EN 60598-2-1; IEC 60533; EN 62471 + TR62778; EN50581</b> |
| Eancode                           | <b>8019282541745</b>                                                    |
| Made In                           | <b>Italy</b>                                                            |
| Insulation Class                  | <b>CL1</b>                                                              |



