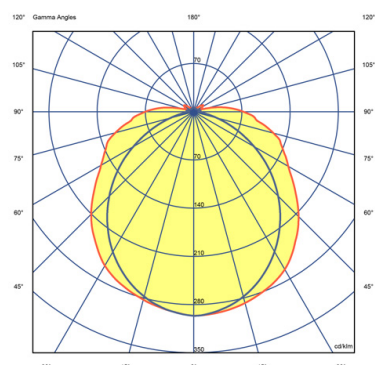




FGL20-NW 230VAC+24VDC

6517-04-017

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		
	Light Source 1	Light Source 2
LED Characteristics	SMD	SMD
Number of LEDs	112	112
Light Source Lumen	3150 lm	3500 lm
Item Lumen	2537 lm	2780 lm
Light Source Efficiency	160 lm/W @85°C	159 lm/W @85°C
Item Efficiency	110 lm/W @85°C	116 lm/W @85°C
Color Temperature	Natural white 4000 K	Natural white 4000 K
Optics	180°	180°
Typical CRI	92	92
Minimum CRI	90	90
SDCM	3 STEP	3 STEP
Photobiological Risk	RG0	RG0
Energy Efficiency Class		

Electrical features		
	Electrical specifications 1	Electrical specifications 2
Input Voltage	220/240V 0-50/60Hz	18/32V DC
Total Absorbed Power	23W	24W
Power Factor	>0,95	1
Control System	On/Off	On/Off
Driver	Included	Included
Power Supply Type	Costant Current	Costant Current
Driver Output	450mA	500mA
Driver Input	220-240V 0-50/60Hz	18/32V DC
Driver Protection	Mains surge 1kV; (L/N - PE) 2kV	
Through-Wiring	Yes, in the lamp	Yes, in the lamp

Mechanical features	
Housing material	Metal frame
Surface treatment	Painting
Housing color	White RAL 9016
IP	IP20
IK	10
Cable gland, cable Ø min-max	M20 nickel plated brass - Cable Ø 8-15mm
Clips	Yes, Stainless steel AISI 316SS
Operating ambient temperature	-25°C / +55°C
Storage ambient temperature	-25°C / +70°C
Item Dimensions	640x141x47mm - 1,25kg

Others	
Luminous Flux Maintenance	L80 B10 >75.000
Driver Lifespan	100.000 h with failure rate less than 10%
Packaging Dimensions	2.75kg
International standard compliance	EN 60598-1; EN 60598-2-1; IEC 60533; EN 62471 + TR62778; EN50581
Eancode	8019282564904
Made In	Italy
Insulation Class	



