



- ▶ Indoor luminaire
- ▶ Innovative design
- ▶ High environment protection with custom diffuser
- ▶ Low operating costs with short ROI (Return Of Investment)
- ▶ More light with savings of up to 55% of electricity and Efficiency of up to 122 lm/W

Benefits

- Excellent total cost of ownership with attractive payback times
- No annoying noises, vibrations and flickering
- Long-life LEDs (with an average rated lifetime of 70,000 - 100 000 hours) reduce the maintenance and product replacement costs that are associated with fluorescent systems
- Unified Glare Rating is lower or equal to fluorescent tube
- Significant sustainability opportunity due to lower energy consumption, reduced waste and elimination of hazardous substances such as mercury and lead
- Overall, the usage of LEDs helps to reduce the internal heating in the premises
- 100% efficacy - directed light which guarantees that all the luminosity goes where is needed

Our GRP60x60 LED luminaires are designed to replace traditional tubular fluorescent grid lamps in the areas with traditional ceilings, producing the same amount of light with savings of up to 55% of electricity. The luminaire features two types of diffusers - with prismatic or frost front window, classic looks and the latest LED technology, which provides efficiency of up to 122 lm/W. Additionally it has embedded high efficiency switching power driver with PFC and efficiency of 90%.

Thanks to the high environment protection of the housing - IP65 - the luminaire is suitable for hospitals, supermarkets and other places where extreme hygiene is necessary because it can be directly washed with detergents.

The lamps can be equipped with different diodes to suit the varying needs of the client as color temperature of the light. Overall, the usage of LEDs helps to reduce the internal heating of the room, which helps to lower needed cooling capacity of the air conditioning system. Containing no mercury, lead, or glass, GRP60x60 do not present risk of area contamination that is possible with fluorescent lamp breakage. Due to the high uniformity of the emitted light and the low overall brightness, the luminaire is applicable where the unified glare rating is of importance: schools, offices, hospitals, working halls.

MODEL	AL GRP 60x60
Input power	50 W
Useful quantity of light	5 500 Lm
Effective illuminated area/ min Lx	3x3 m/350 Lx from 2,5 m height
Led used / pcs	Mx6 CREE 122lm/W 4x7pcs
Power supply / Pfc	110/230V AC /PFC
Internal thermal protection	automatic
Working temperature	-10° to +40°C
Environment protection	IP54 Al body with prismatic or frost front window
Dimensions mm	600x600x70
Weight kg	4,5 kg
LED life span	100.000 h

