

LED School Economy



Application

LED School Economy lighting fixture is suitable for:

- > schools
- > kindergartens
- > university rooms, etc.

Advantages:

- High luminous efficiency of 140 lm/W
- Good heat dissipation, strong and reliable
- Excellent anti-glare effect UGR<19
- Fast terminal block
- Immunity according to standard
- Power factor ≥ 0.95
- Quality in accordance to all EU standards and directive

ADVANTAGES OF ELECTROSTART

- EU based company
- Long experience in the field of lighting and components
- Experience with customers in more than 40 countries
- Excellent customer service
- Projects based on customer needs
- Products manufactured in EU
- Warranty on most products 5 Years

Electrical characteristics

Supply voltage	220-240VAC
Frequency	50/60Hz
Power factor	≥ 0.95
Dimmable	1-10V (on request)
Power select	2 select power
CCT select	3 CCT
Energy efficiency class	C

Lighting characteristics

Efficiency	140 lm/W
Color rendering index (CRI)	>80
Color temperature (CCT)	3000K/4000K/6500K
Flicker	Flicker free

Protection

Ingress protection	IP20
Safety	Class I
End cap	PC

Body characteristics

Material	Iron base
Diffuser	PC
Beam angle	120°
Body color	White

Warranty conditions

Lifespan of the LEDs	50 000h
Warranty	5 Y
Ambient temperature	-20 ~ 35°C
Storage temperature	-20 ~ 80°C

Approvals

CE

Standards

Harmonics	EN61000-3-2
Flicker & fluctuations	EN6100-3-3
EMC immunity	EN61547
Emission tests	EN55015
Luminaires	EN60598-1
LED luminaire performance	EN62722-2-1
Photobiological safety	EN62471

