

LED School Economy



Characteristics

High luminous efficiency of 140lm/W
 High strength, good heat dissipation, strong and reliable
 Excellent anti-glare effect UGR19
 Widely used in different situations
 Body material: Iron base
 End cap material: PC
 Fast terminal blocks
 Immunity according to standard
 PF ≥ 0.95

Typical application

Schools
 Kindergartens

Electrical characteristics

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

Protection

Ingress protection	IP20
Safety	Class I
End cap	PC

Body characteristics

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

Lighting characteristics

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

Warranty conditions

Lifespan	50 000 h
Warranty	5 Y
Ambient temperature	-20 ~ 40°C
Storage temperature	-20 ~ 80°C

Approvals

CE

Standards

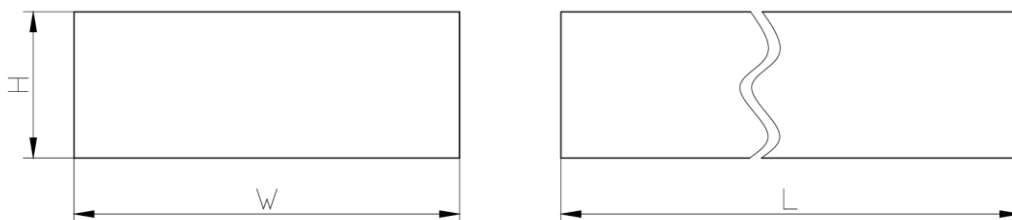
Harmonics	EN61000-3-2
Flicker & Fluctuations	EN61000-3-3
EMC Immunity	EN61547
Emission test	EN55015
Luminaires	EN60598-1
LED Luminaire performance	EN62722-2-1
Photobiological safety	EN62471

Model Type	Supply Voltage	Rated Power	Luminous Flux	Efficiency	CCT	CRI	Flicker	Length (mm)	Width (mm)	Height (mm)
LED School Economy	220-240VAC	23W	3 220lm	140lm/W	3000K/4000K/6500K	>80	FF	1200	168	63.5
LED School Economy	220-240VAC	30W	4 200lm	140lm/W	3000K/4000K/6500K	>80	FF	1500	168	65

Additional information:

- The luminous flux is guaranteed at 25°C ambient temperature
- ELECTROSTART JSCo reserves the right to make changes to the products without prior notice, provided that product performance remains unaffected

Dimensions



Lighting Curves

