

LED Glow Economy



Characteristics

Direct replacement for luminaires with fluorescent lamps
 Suitable for suspended and recessed mounting
 Flicker free
 Easy and quick installation
 Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
 Luminous efficiency up to 130 lm/W
 Material of the body: Aluminium and Steel
 Material of the Diffuser: PS/UGR<19 on request
 RFI conform up to 300MHz
 Immunity according to standard
 PF ≥ 0.95

Typical application

Office lighting
 Schools
 Commercial areas
 Workshops

Electrical characteristics

Supply voltage	220-240VAC WW 100-240VAC
Frequency	50/60 Hz
Power factor	≥0.95
Energy efficiency class	E

Protection

Ingress protection	IP40
Safety class	Class II

Body characteristics

Material of the body	Aluminium and Steel
Material of the Diffuser	PS
Length	595 mm
Width	595 mm
Height	35 mm
Color of the body	Grey / White

Lighting characteristics

Efficiency	up to 130 lm/W
Color rendering index (CRI)	>80, >85, >90
Color temperature (CCT)	3000K/4000K/6500K
Flicker	Flicker free
Beam angle	1200 /UGR
Diffuser	PS/UGR<19 on request

Warranty conditions

Lifespan	50 000 h
Warranty	5 Y
Ambient temperature	-10 ~ 40°C
Storage temperature	-20 ~ 60°C

Standards

Harmonics	EN 61000-3-2
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-1
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

Approvals

CE

WW – compatible with World range of mains supply voltage

Ref. №	Product	Rated Power	VAC	Efficiency	Luminous Flux	CCT	CRI	UGR<19	Dimensions LxWxH
981236100032170	LED Glow Economy 36W D66	36W	220-240	3 600lm	100lm/W	3 000K	>80	x	595x595x35mm
981236100142150	LED Glow Economy 36W D66	36W	220-240	3 600lm	100lm/W	4 000K	>80	x	595x595x35mm
981236100162185	LED Glow Economy 36W D66	36W	220-240	3 600lm	100lm/W	6 500K	>80	x	595x595x35mm
981236100142190	LED Glow Economy 36W D66 UGR	36W	220-240	3 600lm	100lm/W	4 000K	>80	✓	595x595x35mm
981236120032172	LED Glow Economy 36W D66	36W	220-240	4 320lm	120lm/W	3 000K	>80	x	595x595x35mm
981236120142151	LED Glow Economy 36W D66	36W	220-240	4 320lm	120lm/W	4 000K	>80	x	595x595x35mm
981236120162152	LED Glow Economy 36W D66	36W	220-240	4 320lm	120lm/W	6 500K	>80	x	595x595x35mm
981236120132173	LED Glow Economy 36W D66 UGR	36W	220-240	4 320lm	120lm/W	3 000K	>80	✓	595x595x35mm
981236120142156	LED Glow Economy 36W D66 UGR	36W	220-240	4 320lm	120lm/W	4 000K	>80	✓	595x595x35mm
981236120162174	LED Glow Economy 36W D66 UGR	36W	220-240	4 320lm	120lm/W	6 500K	>80	✓	595x595x35mm
981236130042312	LED Glow Economy 36W D66	36W	220-240	4 680lm	130lm/W	4 000K	>85	x	595x595x35mm

981240100032181	LED Glow Economy 40W D66	40W	220-240	4 000lm	100lm/W	3 000K	>80	x	595x595x35mm
981240100042189	LED Glow Economy 40W D66	40W	220-240	4 000lm	100lm/W	4 000K	>80	x	595x595x35mm
981240100062182	LED Glow Economy 40W D66	40W	220-240	4 000lm	100lm/W	6 500K	>80	x	595x595x35mm
981240120032179	LED Glow Economy 40W D66	40W	220-240	4 800lm	120lm/W	3 000K	>80	x	595x595x35mm
981240120042157	LED Glow Economy 40W D66	40W	220-240	4 800lm	120lm/W	4 000K	>80	x	595x595x35mm
981240120062180	LED Glow Economy 40W D66	40W	220-240	4 800lm	120lm/W	6 500K	>80	x	595x595x35mm
981240120132177	LED Glow Economy 40W D66 UGR	40W	220-240	4 800lm	120lm/W	3 000K	>80	✓	595x595x35mm
981240120042169	LED Glow Economy 40W D66 UGR	40W	220-240	4 800lm	120lm/W	4 000K	>80	✓	595x595x35mm
981240120162178	LED Glow Economy 40W D66 UGR	40W	220-240	4 800lm	120lm/W	6 500K	>80	✓	595x595x35mm

981436120132175	LED Glow Economy 36W D312	36W	220-240	4 320lm	120lm/W	3 000K	>80	x	1195x295x35mm
981436120142153	LED Glow Economy 36W D312	36W	220-240	4 320lm	120lm/W	4 000K	>80	x	1195x295x35mm
981436120162176	LED Glow Economy 36W D312	36W	220-240	4 320lm	120lm/W	6 500K	>80	x	1195x295x35mm
981436120132177	LED Glow Economy 36W D312 UGR	36W	220-240	4 320lm	120lm/W	3 000K	>80	✓	1195x295x35mm
981436120042169	LED Glow Economy 36W D312 UGR	36W	220-240	4 320lm	120lm/W	4 000K	>80	✓	1195x295x35mm
981436120162178	LED Glow Economy 36W D312 UGR	36W	220-240	4 320lm	120lm/W	6 500K	>80	✓	1195x295x35mm
981440120042188	LED Glow Economy 40W D312	40W	220-240	4 800lm	120lm/W	4 000K	>80	x	1195x295x35mm

Curves

