

## TECHNICAL SPECIFICATION

### Ground recessed fixtures - GRF105LED 3W



#### Technical data

- Power: 3W
- Colour temperature: 4000K; 2700K; green; blue; red
- Rated voltage: 12V AC
- Lumens: 230lm
- Light source: LED MR16
- Lampholder: GU5.3
- Colour rendering index: Ra≥80
- Switch on/off > 15 000
- Average Lifetime: 30 000h
- Operation: control gear (not included in the set)
- Housing: plastic
- Diffuser: aluminium ring with tempered glass
- Colour of the aluminium ring: satin nickel
- Installation: ground recessed mounting
- Load capacity: 20 tons
- Protection against dust and moisture: IP65
- Protection against electric shock: I
- Surface requirements: Class F

- Beam angle: 120°

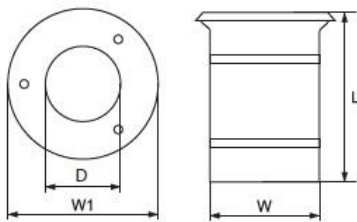
## Areas of application

- Parks
- Playgrounds
- Parking space
- Lighting of walking paths and grass alleys

## Product benefits

- Low power consumption
- Repeated switch on/off does not affect the lifespan of the fixture
- Instant light with maximum luminous flux
- Environmentally friendly - no mercury and lead
- No ultraviolet and infrared rays
- Resistant to shock and vibration stable body
- Low heat emission
- Compact size

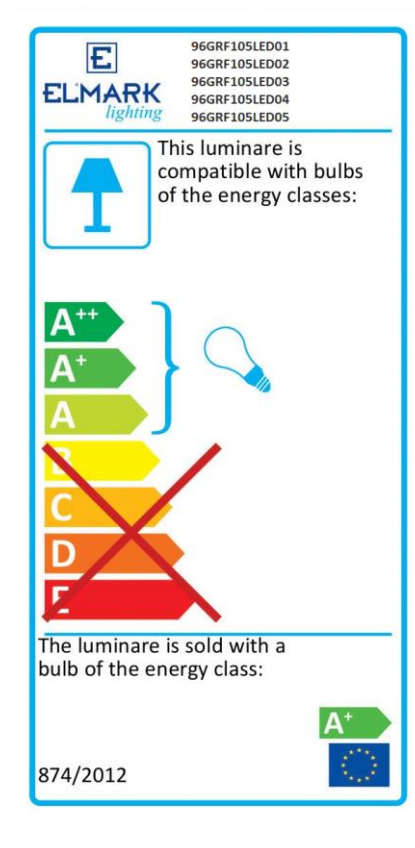
## Variants and dimensions



Watt	Lumen (lm)	Colour temp. (K)	Colour aluminum ring	Size			Catalogue number	Packing (pcs)
				D	L	W/W1		
3W	230	4000	satin nickel	60	140	87/110	96GRF105LED01	1
3W	230	2700	satin nickel	60	140	87/110	96GRF105LED02	1

3W	-	green	satin nickel	60	140	87/110	96GRF105LED03	1
3W	-	blue	satin nickel	60	140	87/110	96GRF105LED04	1
3W	-	red	satin nickel	60	140	87/110	96GRF105LED05	1

## Energy efficiency



## Barcodes

Barcode	Catalogue number
3800131190314	96GRF105LED01
3800131190321	96GRF105LED02
3800131190338	96GRF105LED03
3800131190345	96GRF105LED04
3800131190352	96GRF105LED05

## Standards

EN 55015 EN 61000-3-2; EN  
61000-3-3 EN 61547

EN 60598-1; EN 60598-2-2

