

# ELMARK<sup>®</sup>

The Brand of Electricity

## LED ROAD LIGHT MADRID SMD

### GENERAL INFORMATION »

- ∴ Input voltage: 180V-265V AC
- ∴ Power: 30W; 50W; 100W; 150W; 200W; 250W
- ∴ LED driver: Isolated driver
- ∴ Colour temperature: 5500K
- ∴ Light source: Philips
- ∴ Beam angle: 90°
- ∴ Body: Alu+PC cover
- ∴ Colour rendering index: Ra≥ 80
- ∴ Average lifetime: 35 000h
- ∴ Ambient temperature: -25°C± +45°
- ∴ Protection against dust and moisture: IP65
- ∴ Available in variant with an emergency kit

### FEATURES »

- ∴ Completely replaces traditional street lamps
- ∴ Ultra- thin design
- ∴ Wide distribution of homogeneous, highly efficient light
- ∴ Economic- low power consumption
- ∴ Repeated switch on/off does not effect the fixture lifespan
- ∴ Instant light at maximum luminous flux
- ∴ Environmentally friendly - no mercury and lead
- ∴ No ultraviolet and infrared rays
- ∴ Resistant to shock and vibration stable body
- ∴ Voltage supply fluctuations do not affect the normal operation of the fixture



## APPLICATION »

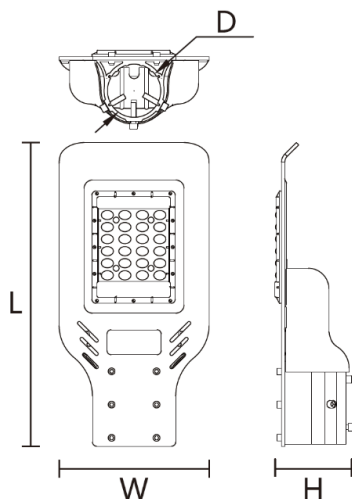
Widely used in main roads, highways, urban streets, flyover, schools, gardens, crosswalks and other road lighting and other places requiring outdoor lighting.



## PRODUCT DETAILS »

Catalogue number	Catalogue number with Emergency kit	Watt (W)	Whole fixture lumens (lm)	Colour temp (K)	Beam angle	Colour body
98MADRID30SMD	98MADRID30SMDE	30	3600	5500	90°	Grey
98MADRID50SMD	98MADRID50SMDE	50	6000	5500	90°	Grey
98MADRID100SMD	98MADRID100SMDE	100	12000	5500	90°	Grey
98MADRID150SMD	-	150	18000	5500	90°	Grey
98MADRID200SMD	-	200	24000	5500	90°	Grey
98MADRID250SMD	-	250	28800	5500	90°	Grey

## DIMENSIONS »



Model	Length (mm)	Height (mm)	Width (mm)	Diameter of the pole (mm)
98MADRID30SMD	362	54	143	38
98MADRID50SMD	476	74	194	60
98MADRID100SMD	567	87	233	60
98MADRID150SMD	673	101	395	60
98MADRID200SMD	742	114	337	60
98MADRID250SMD	742	114	337	60

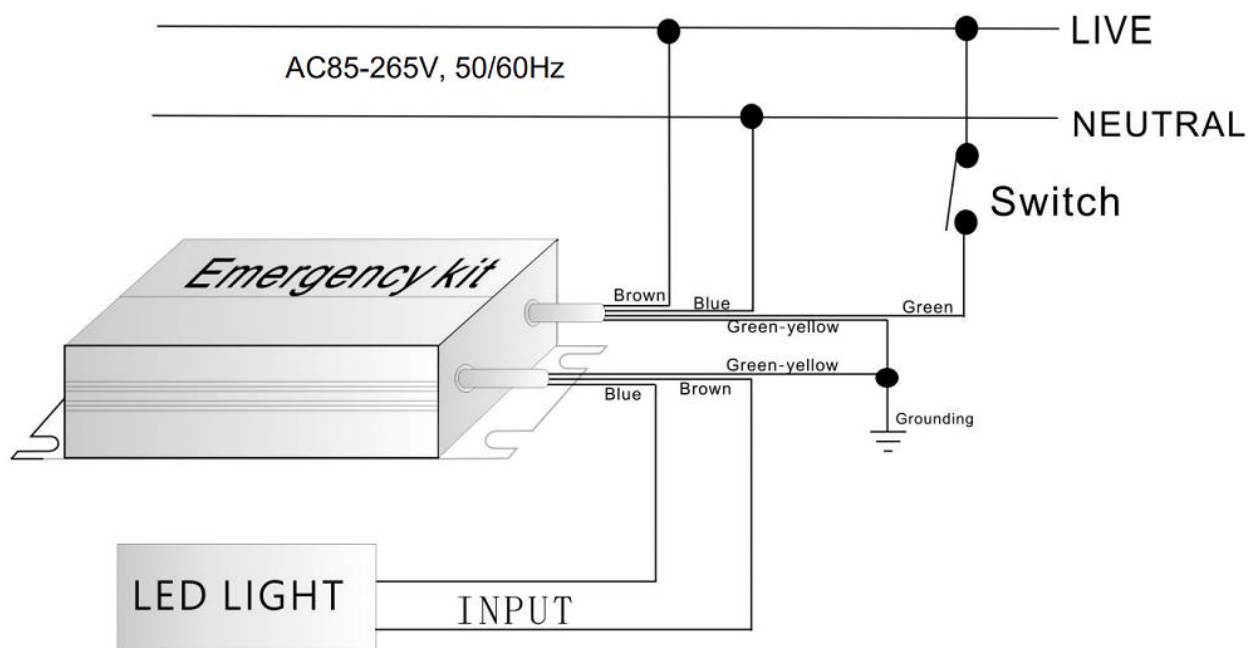
## EMERGENCY DRIVER SPECIFICATIONS »



### Technical data:

- ∴ Input voltage: 85-265V AC
- ∴ Battery: 18.5V 8800mAh
- ∴ Emergency switch time: <5s
- ∴ Suitable: for LED lamp with internal driver and power 20-100W
- ∴ Emergency time: 60-120min
- ∴ Working temperature: from -10 to +50°C
- ∴ Size: 290x105x50mm
- ∴ IP44

### Wiring diagram:



## INSTALLATION ACCESSORIES »



### WALL MOUNTING ACCESSORIES

Diam.: 38mm

Suitable: for 98MADRID30SMD

**Catalogue number: 98POLE38**

Diam.: 60mm

Suitable: for road fixtures

Madrid from 50W to 250W

**Catalogue number: 98POLE60**



### POLE MOUNTING ACCESSORIES

Diam.: 38mm

Suitable: for 98MADRID30SMD

**Catalogue number: 98POLE38P**

Diam.: 60mm

Suitable: for road fixtures Madrid from 50W to 250W

**Catalogue number: 98POLE60P**

## ADDITIONAL INFORMATION »

98MADRID30SMD

**ELMARK**  
lighting

This luminaire contains built-in LED lamps.

A++	}	L E D
A+		
A		
B		
C		
D		
E		

The lamps cannot be changed in the luminaire.

874/2012

Catalogue number	Packing/Box (pcs)
98MADRID30SMD	1/10
98MADRID50SMD	1/5
98MADRID100SMD	1/4
98MADRID150SMD	1/4
98MADRID200SMD	1/2
98MADRID250SMD	1/2

