



**MAG 10**

**MAG 44**

# LUMINAIRES FOR STREET AND ROAD LIGHTING

Generation 2.0



High efficacy > 140 lm/W



Entry level compact lightweight luminaires



Optional Bluetooth control modules

4S4 Lighting

## “ Elegant lightweight luminaires MAG 10 and MAG 44 are designed for lighting roads, courtyards, open spaces, etc.

Basis of MAG10/MAG44 luminaires: aluminum housing, LED clusters with integrated driver, on common board and power cluster.

### Specifications

Rated voltage, V / Frequency, Hz	<b>230/50</b>
Standard color temperature, K	<b>4 000</b>
CRI	<b>&gt; 70</b>
Power factor	<b>&gt; 0,97</b>
Percent flicker, %	<b>&lt; 5</b>
Operating temperature, °C	<b>-45... +45</b>
Ingress protection rating	<b>IP65</b>
IEC protection class	<b>II</b>
IK	<b>10</b>
Standard color	<b>Grey</b>
Luminary service life, hour	<b>&gt; 50 000</b>



**Thermal stabilization**



**Constant power mode**



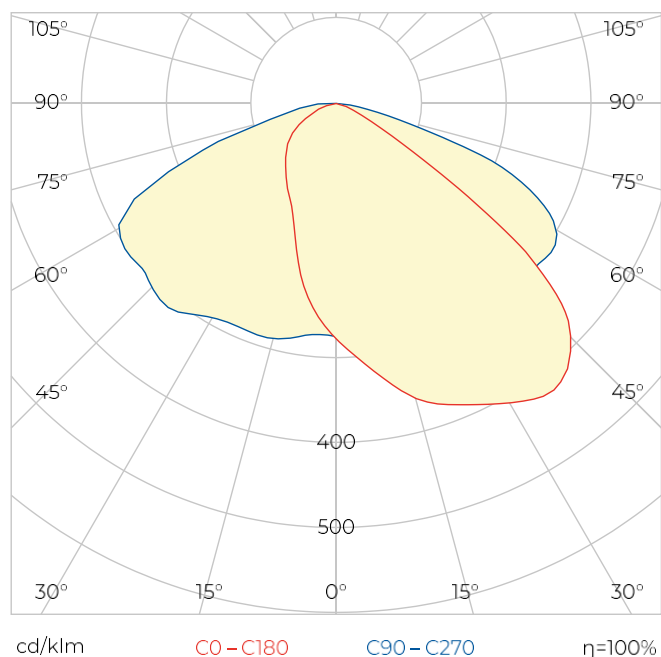
**Microsecond pulse protection**

2 kV - "line-line",  
4 kV - "ground-line".

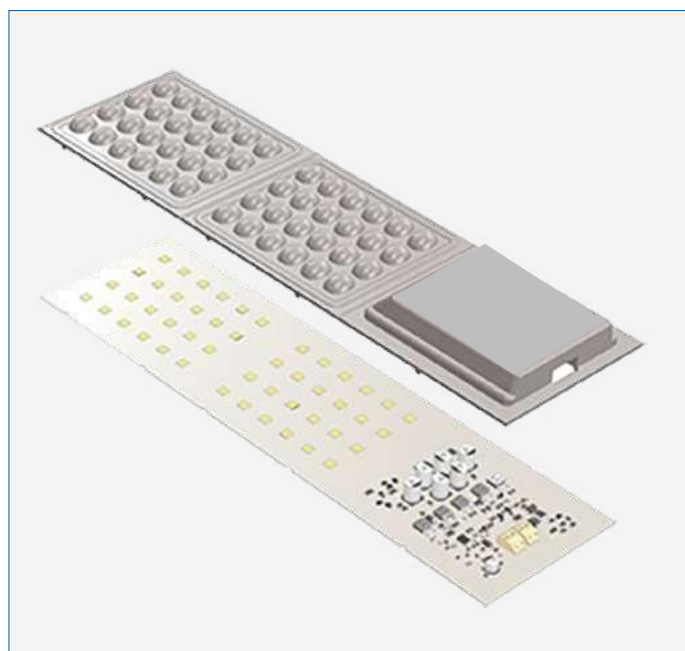


**Warranty – 3 years**

### Luminous intensity distribution curve (wide asymmetrical TYPE 3)



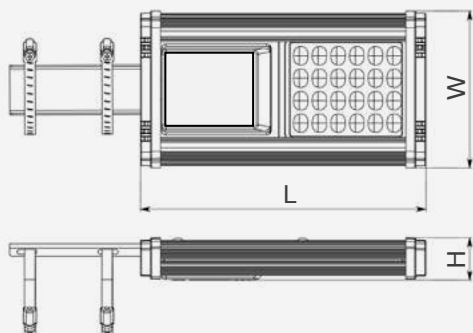
### LED cluster with driver



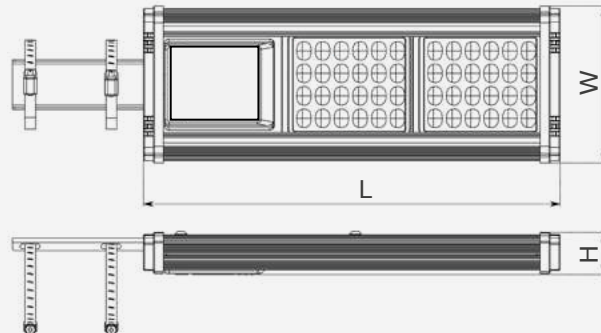
## Table of standard modifications on a straight bracket

Series	Product code	Power, W	Efficacy, lm	Modification	Dimension, mm L x W x H	kg
MAG10E-025	7-10-025-05-0-12-27-141-7-40-65	25	3 500	1	229x126x34	0,65
MAG10E-060	7-10-060-05-0-12-27-141-7-40-65	60	8 400	1	229x126x34	0,65
MAG10E-090	7-10-090-05-0-12-27-142-7-40-65	90	12 600	2	334x126x34	0,85
MAG44E-120	7-07-120-05-0-12-27-143-7-40-65	120	16 800	3	304x205x87	1,7
MAG44E-160	7-07-160-05-0-12-27-144-7-40-65	160	22 400	4	407x205x87	2,4
MAG44E-200	7-07-200-05-0-12-27-144-7-40-65	200	28 000	4	407x205x87	2,4

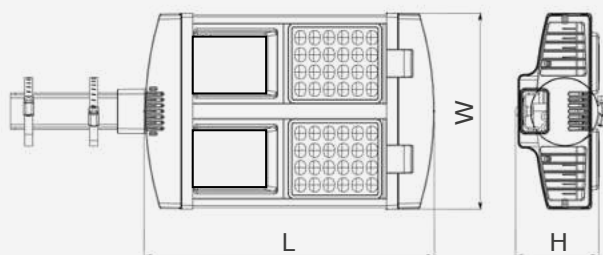
**Modification 1**



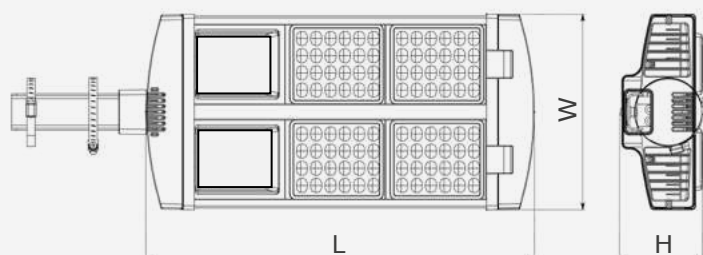
**Modification 2**



**Modification 3**



**Modification 4**



## Optional modifications available to order

Power, W	On agreement at the range of 25 – 200
CRI	80
Colour temperature, K	2 700; 3 000; 5 000



**LIGHTWEIGHT** fastener assemblies for mounting Ø 48 mm, Ø 60 mm support cantilever:

**Straight bracket**



**Swivel bracket**

(deviation from the vertical position by 24 ° in both directions)





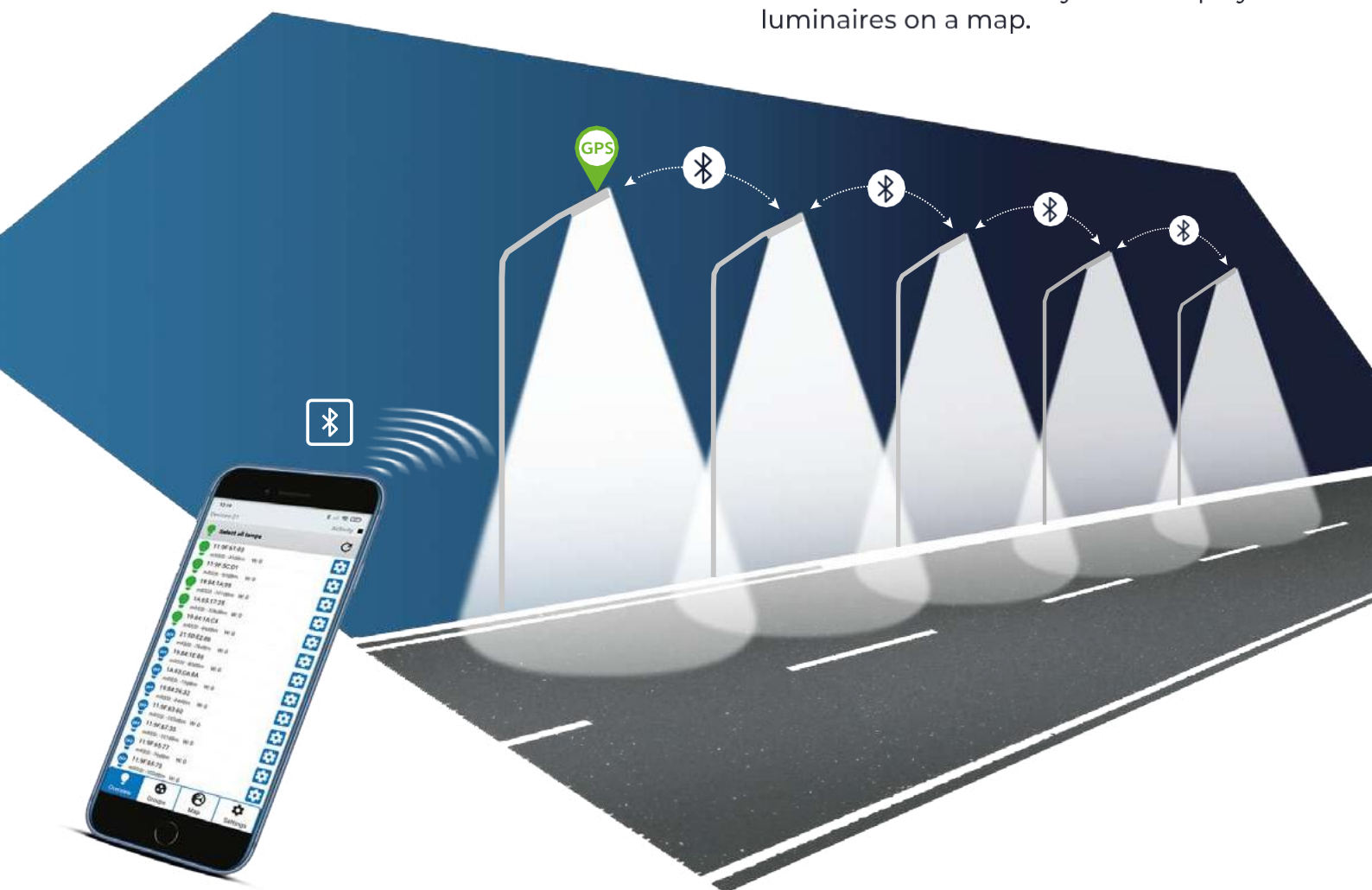
## Luminaire management

The luminaires equipped with a control module are delivered in the “READY” mode. They are controlled via BLE using the INCOTEX SIMPLE STREET mobile application.

The luminaire management is carried out in the immediate vicinity of one luminaire (any of the group of luminaires).

An autonomous operation is supported according to a pre-configured dimming profile.

At least one luminaires with a control module equipped a GPS receiver must be included in a delivery set to display luminaires on a map.



### Features:

- ✓ setting and changing passwords for security reasons;
- ⚙ luminaire brightness control – individually, in groups or all at once;
- 🗄 management of up to 16 groups of luminaries;
- 📍 displaying of luminaires on a map;
- 🌞 changing luminaires dimming profiles.