



# High Intensity 140,000cd Amber LED flashing obstacle light, 230V<sub>AC</sub>

CEL-HI-140KA-230-x

## Key features

- Based on LED-technology
- 120° x 3° beam spread
- Extremely reliable -long lifetime
- Low power consumption
- 230V<sub>AC</sub> nominal operating voltage
- Stabilised light output
- Lightweight and small-low wind load factor
- Easy to install
- Very low cost of ownership
- Low wind load
- Comes with five (5) year warranty
- Over 10 year continuous maintenance free operating time
- Controlled by CEL LHC Light Head Controller

## Photometric characteristics

- Peak intensity 140,000cd
- Colour aviation amber
- Colour wavelength 584-597 nm
- Horizontal radiation pattern 120°
- Vertical radiation pattern 3°

## Mechanical characteristics

- Marine grade aluminium enclosure
- Glass cover
- Degree of protection IP65
- Operating temperature range -55 ... +55 °C
- Height 843mm, width 353mm, depth 213mm
- Height 973mm with mounting set
- Weight 27kg, including mounting set 35kg
- Wind load @ 200km/h less than 1000N

## Electrical characteristics (LHC)

- Operating voltage 230 V<sub>AC</sub>, 50 ... 60Hz
- Constant power input by active PFC power supply
- Internal Photocell, external as option
- Flash rates: 20, 40, 60 or 90 fpm
- Flash durations: 100, 150, 200 or 250ms
- Power consumptions@ 40 fpm, 250ms: 200VA
- Two Ethernet ports, built in switch
- IP communication
- Overvoltage protection
- Maximum power cable length 15m (3 x 6mm<sup>2</sup>)

- Made in EU



CEL-HI-140KA-230-x

## Order codes:

CEL-HI-140KA-V with vertical mounting set

CEL-HI-140KA-W with wall mounting set

T: +44 (0)20 8540 1034  
F: +44 (0)20 8543 3058  
E: info@contarnex.com

Contarnex Europe Limited  
252 Martin Way,  
Morden, Surrey SM4 4AW  
United Kingdom

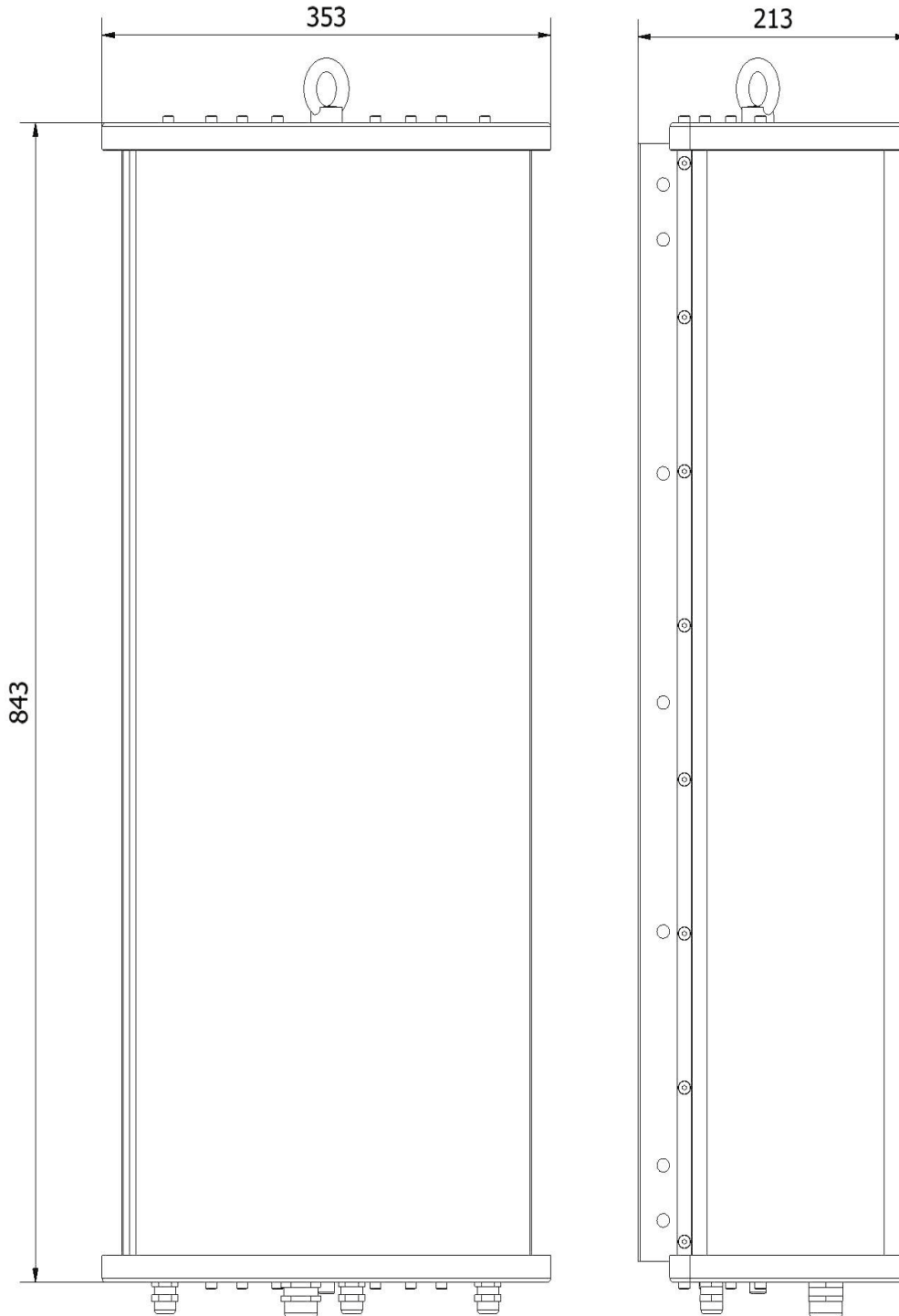


www.contarnex.com

# 140,000cd amber LED flashing obstacle light, operating voltage 230 V<sub>AC</sub>

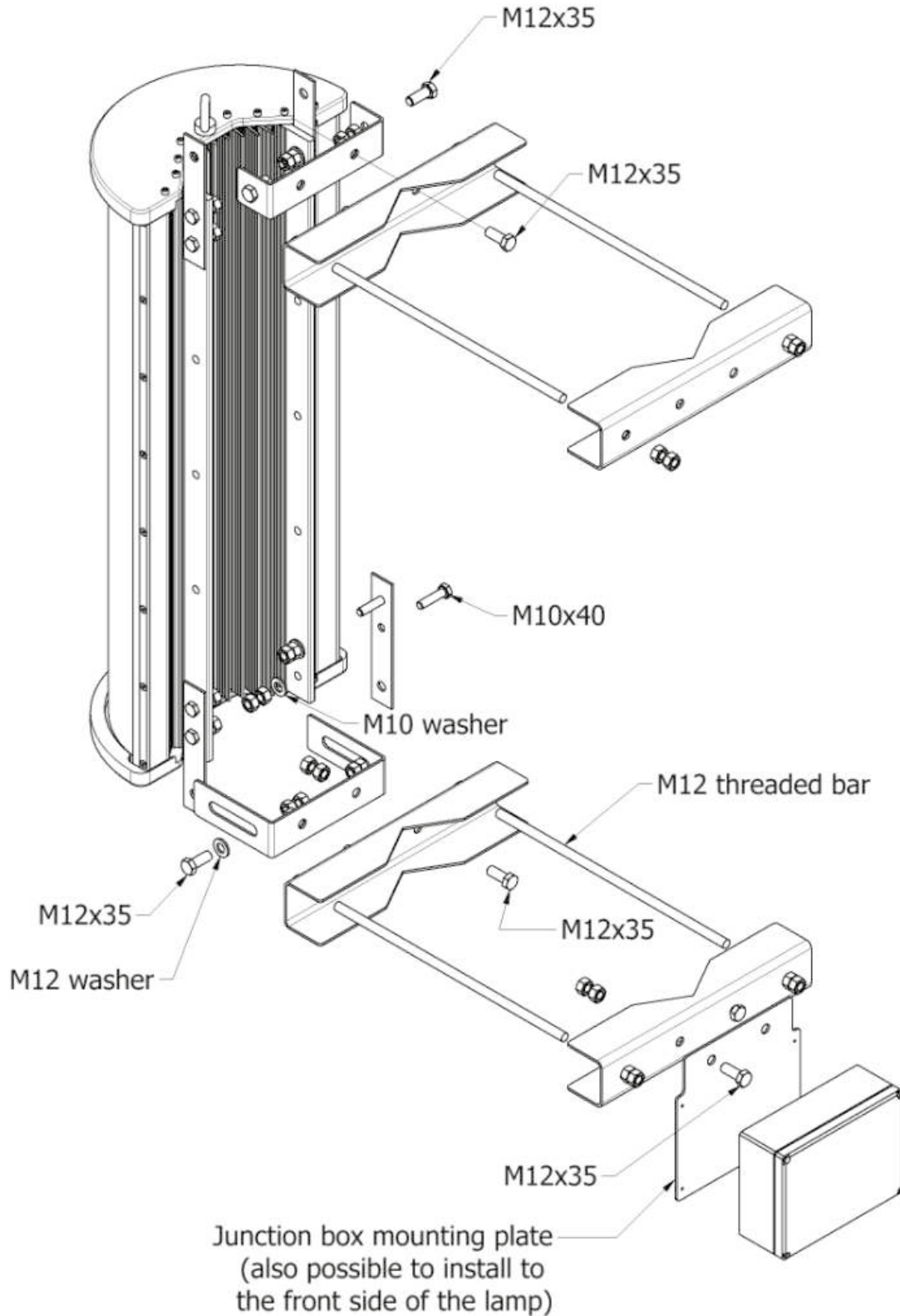
CEL-HI-140KA-230-x

## MECHANICAL DIMENSIONS



# 140,000cd amber LED flashing obstacle light, operating voltage 230 V<sub>AC</sub>

## VERTICAL MOUNTING SET



# 140,000cd amber LED flashing obstacle light, operating voltage 230 V<sub>AC</sub>

CEL-HI-140KA-230-x

## INSTALLATION INSTRUCTIONS

CEL-HI-140KA light head is connected to light head controller, LHC, via terminal box included in light head. LHC provides light head's supply voltage and flash control with separate cables which is connected to light head's power and control cable supplied with light head.

Terminal box connection instructions and cable recommendations:

To lamp 4x2,5 + 4x1mm <sup>2</sup>	Power in 3x6mm <sup>2</sup>	Control in CAT5
1 = DC+	bl = DC+	or/wh = SYNC+
2 = DC-	bk = DC-	or = SYNC-
3 = NC	br = NC	gr/wh = CDL+
ye/gr = PE	shield = PE	gr = CDL-
5 = CDL+		
6 = CDL-		
7 = SYNC+		
8 = SYNC-		
shield = PE		

