



27 Jan 2016

# Light Head Controller, Power Supply and Fault Alarm Unit for CEL MI- and HI- light series

## CEL S-series LHC 350

### Key features

- Suitable for up to 2no. CEL MI-lights or 1no. CEL HI-light
- Constant power consumption with active PFC
- Light head monitoring and alarm generation
- Internal photocell for day/night mode changes
- Multiple LHCs synchronisations
- LCD display and keypad for easy configuration
- Ethernet communication for large systems
- Low maintenance costs
- 5 years warranty

### Electrical characteristics

- Operating voltage variations:
  - 48V<sub>DC</sub> (36.. 75V<sub>DC</sub>)
  - 100V<sub>AC</sub> (85.. 115V<sub>AC</sub>)
  - 115V<sub>AC</sub> (98...132V<sub>AC</sub>)
  - 200V<sub>AC</sub> (170...230V<sub>AC</sub>)
  - 230V<sub>AC</sub> (207... 253V<sub>AC</sub>)
- Output power max 35 W
- Power factor > 0,9
- Constant power input by active PFC
- Overvoltage protection
- Operating temperature range -55°C to +55°C
- Flash rates: 20, 40 and 60fpm
- Flash durations: 100, 150, 200 and 250ms

### Mechanical characteristics

- Enclosure stainless steel AISI304
- Ingress protection IP65
- Cable glands: 2 x M25, 3 x M20, 2 x M16
- Dimensions: 650 x 400 x 213mm (L x W x D)
- Weight: 25kg

### Alarm relay characteristics

- Potential free DPCO monostable (NC, NO, COM)
- Contact voltage AC max 125V
- Contact voltage DC max 30V
- Contact current max 1A
- Contact resistance max 0.15ohm

### Available options

- GPS flash synchronisation
- GSM control and fault reporting
- External photocell
- Fibre optic communication
- Control panel for large system controlling and monitoring

Made in EU



### CEL-LHC-115-350

#### Order codes:

CEL-LHC-048-350 for 48 V<sub>DC</sub> system  
CEL-LHC-100-350 for 100 V<sub>AC</sub> system  
CEL-LHC-115-350 for 115 V<sub>AC</sub> system  
CEL-LHC-200-350 for 200 V<sub>AC</sub> system  
CEL-LHC-230-350 for 230 V<sub>AC</sub> system

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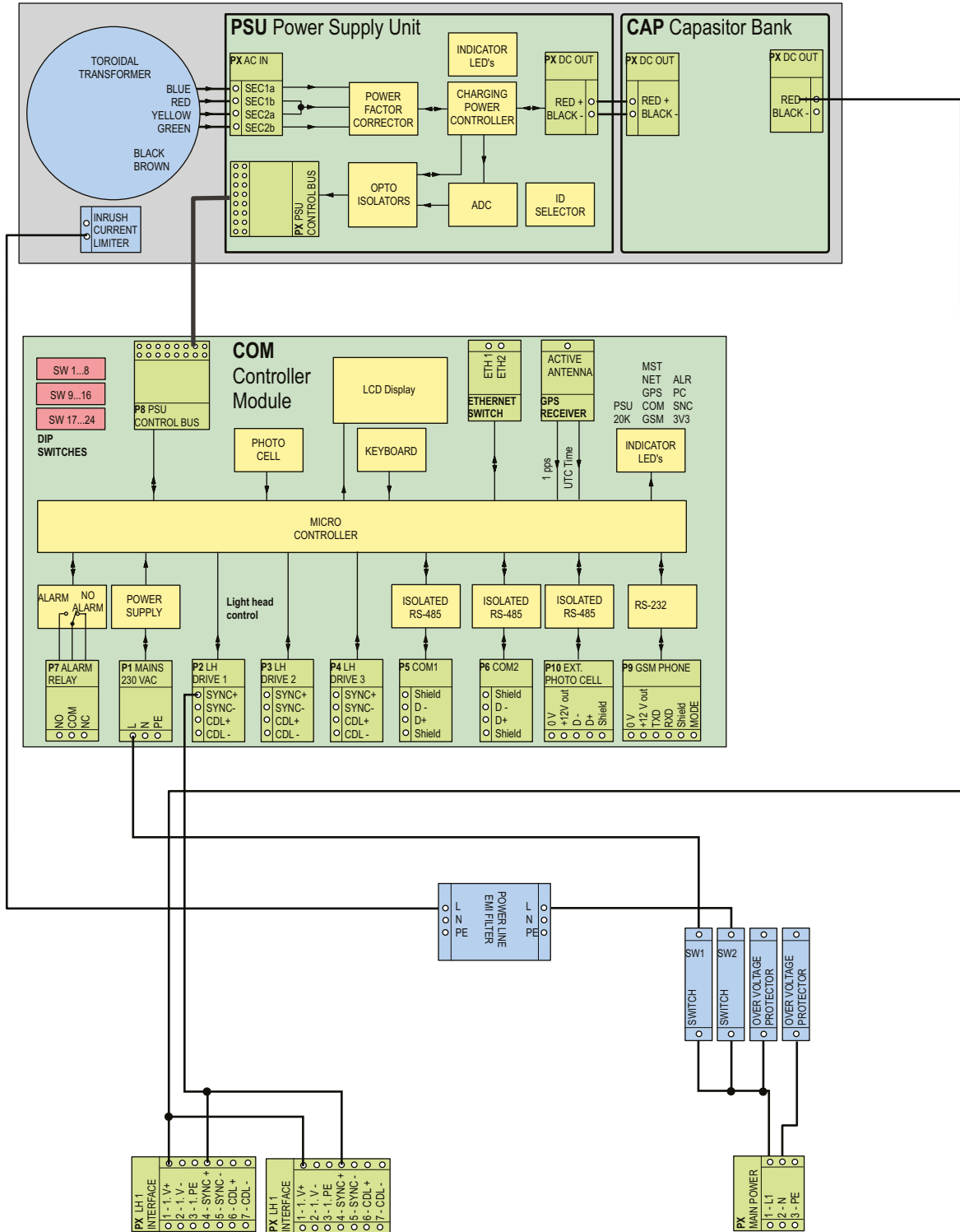
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## SIMPLIFIED WIRING DIAGRAM



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## MECHANICAL DIMENSIONS

