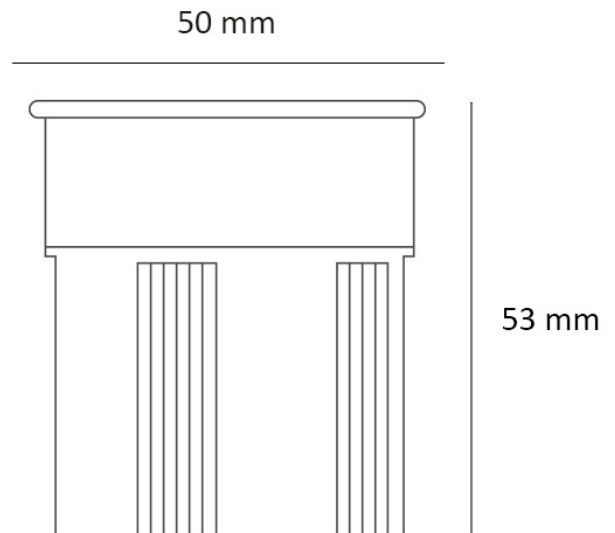




## PRODUCT DATASHEET | IL-MCT836K4CS

TITAN LED MODULE 8W 36° 4,000K CRI98 EX. DRIVER



## DESCRIPTION

Are you looking for the best lighting? Warm, consistent, outstanding color rendering and perfectly dimmable? Then Interlight's Titan® modules are what you're looking for. The modules score high on all color rendering indexes, meaning that all colors (including red!) are faithfully and intensely rendered. The Titan® modules are equipped with the well-known Camita lens, which provides a soft light experience that is not blinding. These modules also fit perfectly into our range of frames. The high-quality LED chips guarantee years of color retention.

The Titan module is supplied exluded driver. A 1-10V or Dali driver can be chosen. Set the driver to a maximum of 180mA.

The Titan modules are ideal to combine with our high-end Infinity frames. For more information visit: [koopmaninterlight.nl/infinity](http://koopmaninterlight.nl/infinity)

|                  |                          |                                                                                       |            |
|------------------|--------------------------|---------------------------------------------------------------------------------------|------------|
| 4000K<br>NEUTRAL | 8<br>WATT                | 700<br>LUMEN                                                                          | 36°        |
| CRI<br>98        | PF<br>0.9                | 50.000<br>HOURS                                                                       | VAC<br>230 |
| √5<br>YR         | NO<br>DRIVER<br>INCLUDED |  |            |



## SPECIFICATIONS

|                                             |                             |
|---------------------------------------------|-----------------------------|
| <b>Brand:</b>                               | Interlight                  |
| <b>Product type:</b>                        | Module                      |
| <b>Lamp Power:</b>                          | 8 W                         |
| <b>Voltage type:</b>                        | AC                          |
| <b>Suitable for constant current:</b>       | Yes                         |
| <b>Suitable for constant voltage:</b>       | Yes                         |
| <b>External driver required:</b>            | Yes                         |
| <b>Company Current:</b>                     | 180 mA                      |
| <b>Number of LEDs:</b>                      | 1                           |
| <b>Beam angle:</b>                          | 36 °                        |
| <b>Form:</b>                                | Round                       |
| <b>Color:</b>                               | White                       |
| <b>Light color according to EN 12464-1:</b> | Neutral white 3300 - 5300 K |
| <b>Flexible:</b>                            | No                          |
| <b>Color temperature:</b>                   | 4000 K                      |
| <b>Color temperature:</b>                   | 4000 K                      |
| <b>Brightness:</b>                          | 1886 cd                     |
| <b>Luminous flux:</b>                       | 700 lm                      |
| <b>Specific luminous flux:</b>              | 87.5 lm/W                   |
| <b>Beam angle:</b>                          | 36 °                        |
| <b>Color consistency (McAdam ellipse):</b>  | SDCM3                       |
| <b>Housing color:</b>                       | Black                       |
| <b>Connection method:</b>                   | Cable                       |
| <b>Suitable for general lighting:</b>       | Yes                         |
| <b>Suitable for traffic light:</b>          | No                          |
| <b>Suitable for mobile traffic light:</b>   | No                          |
| <b>Suitable for rail traffic:</b>           | No                          |
| <b>Suitable for matrix signaling:</b>       | No                          |
| <b>Height:</b>                              | 53 mm                       |



|                                                                       |         |
|-----------------------------------------------------------------------|---------|
| <b>Diameter:</b>                                                      | 50 mm   |
| <b>Degree of protection (IP):</b>                                     | IP20    |
| <b>Energy efficiency class:</b>                                       | A+      |
| <b>Energy efficiency class according to EU regulations 2019/2015:</b> | E       |
| <b>Average nom. life :</b>                                            | 50000 h |
| <b>Photobiological safety in accordance with EN 62471:</b>            | Other   |
| <b>Compatible with Apple HomeKit:</b>                                 | No      |
| <b>Compatible with Google Assistant:</b>                              | No      |
| <b>Compatible with Amazon Alexa:</b>                                  | No      |
| <b>With IFTTT support:</b>                                            | No      |



## ACCESSORIES

| Article       | Description                                          |
|---------------|------------------------------------------------------|
| IL-DC9D       | Driver led dip switch 120 to 220mA dimmable          |
| IL-D14DALI2L  | Driver led universal DALI2 120 to 350mA/14W loopable |
| IL-X2D15-1-10 | Driver led dip switch 160 to 350mA 1-10V dimmable    |
| IL-F90RIPB    | MR16 frame 90mm round black RAL7021 IP65             |
| IL-F90SB      | MR16 frame 90mm square black RAL7021 IP20            |
| IL-F90RIPW    | MR16 frame 90mm round white RAL9016 IP65             |
| IL-F90SIPM    | MR16 frame 90mm square brushed chrome IP65           |
| IL-F90RIPM    | MR16 frame 90mm round brushed chrome IP65            |
| IL-F90SIPW    | MR16 frame 90mm square white RAL9016 IP65            |
| IL-F90RM      | MR16 frame 90mm round brushed chrome IP20            |
| IL-F90SW      | MR16 frame 90mm square white RAL9016 IP20            |
| IL-F90SM      | MR16 frame 90mm square brushed chrome IP20           |
| IL-F90RW      | MR16 frame 90mm round white RAL9016 IP20             |
| IL-F90RB      | MR16 frame 90mm round black RAL7021 IP20             |
| IL-F90RHOW    | MR16 hotel frame 90mm round large white RAL9016 IP20 |
| IL-MCTH       | Titan ring with grid                                 |
| IL-LT15       | Titan Lens 15°                                       |
| IL-LT60       | Titan Lens 60°                                       |

## DOWNLOADS AVAILABLE FROM WEBSITE

|                         |
|-------------------------|
| LDT-File                |
| ENEC certificate driver |
| LM80 report             |
| Circuitbreaker          |
| Dimtest                 |
| Manual                  |