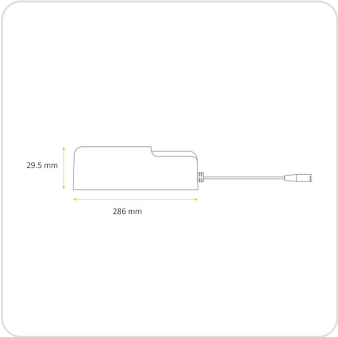
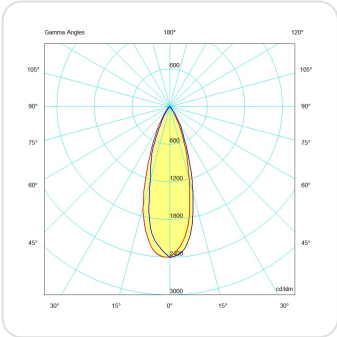
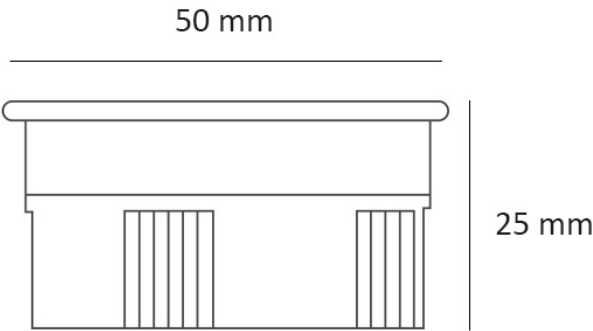




**PRODUCT DATASHEET | IL-MCT636K3C**  
TITAN LED MODULE 6W 36° 3,000K CRI98 INCL. DRIVER DIMMABLE





## 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 comes with a dimmable driver included. A Dali driver can be optionally chosen. Set the driver to a maximum of 120mA. Note: Titan ring with grid accessory (IL-MCTH) cannot be used on this model. The Titan modules are ideal to combine with our high-end Infinity frames. For more information visit: [koopmaninterlight.nl/infinity](https://koopmaninterlight.nl/infinity)

|                                                                                               |                                                                                         |                                                                                     |            |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|
| 3000K<br>WARM                                                                                 | 6<br>WATT                                                                               | 450<br>LUMEN                                                                        | CD<br>1200 |
| PF<br>0.9                                                                                     |  36° | 50.000<br>UUR                                                                       | CRI<br>98  |
|  V5<br>JAAR | VAC<br>230                                                                              |  |            |



## SPECIFICATIONS

|                                             |                     |
|---------------------------------------------|---------------------|
| <b>Brand:</b>                               | Interlight          |
| <b>Product type:</b>                        | Module              |
| <b>Lamp Power:</b>                          | 6 W                 |
| <b>Voltage type:</b>                        | AC                  |
| <b>Suitable for constant current:</b>       | Yes                 |
| <b>Suitable for constant voltage:</b>       | Yes                 |
| <b>Company Current:</b>                     | 120 mA              |
| <b>External driver required:</b>            | Yes                 |
| <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> | Warm white < 3300 K |
| <b>Flexible:</b>                            | No                  |
| <b>Color temperature:</b>                   | 3000 K              |
| <b>Color temperature:</b>                   | 3000 K              |
| <b>Brightness:</b>                          | 1200 cd             |
| <b>Luminous flux:</b>                       | 450 lm              |
| <b>Specific luminous flux:</b>              | 75 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>                              | 25 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-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-F90RHOW | MR16 hotel frame 90mm round large white RAL9016 IP20 |
| IL-F90RB   | MR16 frame 90mm round black RAL7021 IP20             |
| IL-F90RW   | MR16 frame 90mm round white RAL9016 IP20             |
| IL-F90SW   | MR16 frame 90mm square white RAL9016 IP20            |
| IL-F90RM   | MR16 frame 90mm round brushed chrome IP20            |
| IL-F90SM   | MR16 frame 90mm square brushed chrome IP20           |
| IL-LT60    | Titan Lens 60°                                       |

## DOWNLOADS AVAILABLE FROM WEBSITE

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