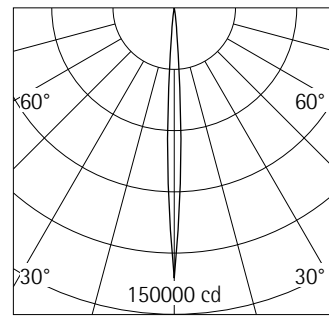


**72868.000** White (RAL9002)  
 LED 24W 2520lm 3000K warm white  
 Phase dimmable+ On-board Dim  
 Version 6  
 Spherolit lens, narrow spot

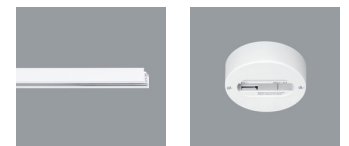
**Product description**  
 Housing and bracket: cast aluminium, powder-coated. 0°-90° tilt. Bracket on 3-circuit adapter rotatable through 360°. Internal wiring.  
 2 ERCO control gear units, separately dimmable. Rotary control for brightness regulation.  
 3-phase adapter for ERCO 220-240V track: polymer, white.  
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.  
 Front cover: polymer, black.  
 Dimming with external dimmers possible (trailing edge).  
 Weight 2.30kg



| h(m) | E(lx)  | D(m) |
|------|--------|------|
|      |        | 6°   |
| 1    | 132319 | 0.10 |
| 2    | 33080  | 0.21 |
| 3    | 14702  | 0.31 |
| 4    | 8270   | 0.42 |
| 5    | 5293   | 0.52 |

**Technical data**

|   |                                 |
|---|---------------------------------|
| Luminous flux of the luminaire                      | 2216lm                          |
| Connected load                                      | 30.0W                           |
| Luminaire efficacy                                  | 74lm/W                          |
| Colour deviation                                    | 1.5 SDCM                        |
| Colour rendition index                              | CRI 92                          |
| Lumen maintenance (LED manufacturer specifications) | L90/B10 ≤50000h<br>L90 ≤100000h |
| LED failure rate                                    | 0.1% ≤50000h                    |
| Dimming range                                       | 1%- 100%                        |
| Dimming method                                      | CCR_PWM                         |
| LMF   | E                               |
| Energy efficiency class                             | EEI A+                          |
| Standby power per control gear                      | --                              |
| Luminaires per circuit breaker B16                  | 50                              |



**Mounting**

ERCO 3-circuit track  
 Hi-trac 3-circuit track  
 1-circuit singlet

For your regional contact in the ERCO  
 Sales network click here  
[www.erco.com/contact](http://www.erco.com/contact)

Technical Region: 220-240V 50/60Hz  
 We reserve the right to make technical  
 and design changes.  
 Edition: 19.10.2020  
 Current version under  
[www.erco.com/72868.000](http://www.erco.com/72868.000)

## Planning data

| Cleaning (a) | 1    |      |      |      | 2    |      |      |      | 3    |      |      |      |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | P    | C    | N    | D    | P    | C    | N    | D    | P    | C    | N    | D    |
| LMF          | 0.96 | 0.94 | 0.90 | 0.86 | 0.93 | 0.91 | 0.86 | 0.81 | 0.92 | 0.90 | 0.84 | 0.79 |
| RSMF         | 0.99 | 0.97 | 0.95 | 0.92 | 0.98 | 0.97 | 0.95 | 0.92 | 0.98 | 0.97 | 0.95 | 0.92 |

| Hours of operation (h) | 1000 | 5000 | 10000 | 20000 | 30000 | 40000 | 50000 |
|------------------------|------|------|-------|-------|-------|-------|-------|
| LLMF                   | 1.00 | 0.99 | 0.98  | 0.96  | 0.94  | 0.92  | 0.90  |
| LSF                    | 1    | 1    | 1     | 1     | 1     | 1     | 1     |

- MF LMFxRSMFxLLMFxLSF
- MF Maintenance Factor
- LMF Luminaire Maintenance Factor
- RSMF Room Surface Maintenance Factor
- LLMF Lamp Lumens Maintenance Factor
- LSF Lamp Survival Factor
- P Room pure
- C Room clean
- N Room normal
- D Room dirty

### Technical data in accordance with international norms and standards

- IEC 60598 Luminaires – Part 1+2: general requirements, specific requirements and tests
- IEC 62031 LED modules for general lighting – safety requirements
- IEC 62471 Photobiological safety of lamps and lamp systems
- EN 13032-4 Light and lighting – measurement and representation of photometric data
- CIE 13 Method of measuring and specifying colour rendering properties of light sources

All technical data is subject to industrially standard tolerances.  
Also see [www.erco.com/erco-led](http://www.erco.com/erco-led)

## Accessories



**79839.000**  
Snoot  
Polymer.  
White



**70609.000**  
Snoot  
Polymer.  
Black