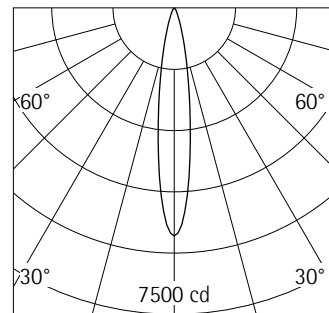
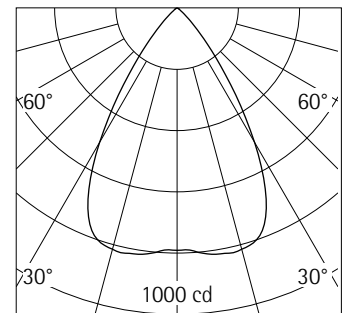


**27156.000** Black  
 LED 12W 1260lm 3000K warm white  
 Phase dimmable+ On-board Dim  
 Version 5  
 Zoom lens spot

**Product description**  
 Cylindrical light head: cast aluminium, powder-coated. 270° tilt.  
 Housing: polymer, rotatable on 3-circuit adapter through 360°.  
 ERCO control gear, dimmable. Rotary control for brightness regulation.  
 3-phase adapter for ERCO 220-240V track: polymer, black.  
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.  
 Zoom attachment: polymer. Zoom lens, continuously focusable  
 Dimming with external dimmers possible (trailing edge).  
 Protection Class II  
 Weight 0.82kg



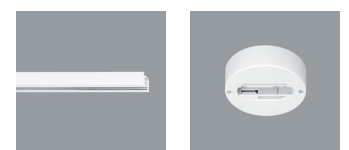
h(m)	E(lx)	D(m)
		16°
1	5580	0.28
2	1395	0.56
3	620	0.84
4	349	1.12
5	223	1.41



h(m)	E(lx)	D(m)
		65°
1	791	1.27
2	198	2.55
3	88	3.82
4	49	5.10
5	32	6.37

**Technical data**

Luminous flux of the luminaire	828lm
Connected load	15.0W
Luminaire efficacy	55lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 92
Lumen maintenance (LED manufacturer specifications)	L90/B10 ≤50000h 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	203



**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:  
 220V-240V/50Hz-60Hz  
 We reserve the right to make technical  
 and design changes.  
 Edition: 30.01.2020  
 Current version under  
[www.erco.com/27156.000](http://www.erco.com/27156.000)

## 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)