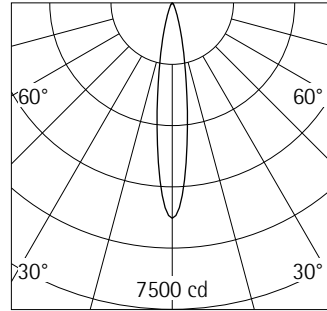
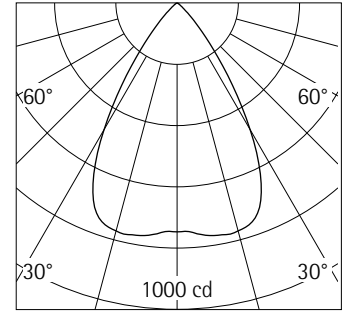


28198.001 Black
 LED module: 12W 3000K warm white
 Version 5
 Zoom lens spot, filter

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 90-240VAC 50/60Hz 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).
 LED chip: Osram
 Protection Class II
 Weight 0.82kg

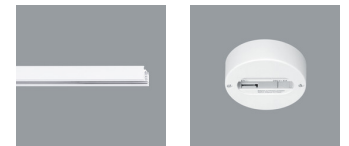


h(m)	E(lx)	D(m)
		18°
1	5270	0.2
2	1317	0.5
3	586	0.8
4	329	1.1
5	211	1.41



h(m)	E(lx)	D(m)
		42°
1	747	1.2
2	187	2.5
3	83	3.8
4	47	5.1
5	30	6.37

Technical data	
Luminous flux	1500lm
Connected load	15.0W
Luminaire efficacy	125lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 97
Lifespan/ Lumen maintenance (LED manufacturer specifications)	50000h/ L90/B10 ≤50000h
LED failure rate	0.1% ≤50000h
Dimming range	0%-100%
Dimming method	0-10V
Protection class	IP20
Lamps operating temperature	-10°C~+60°C
Beam angle (Adjustable)	18° - 42°



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

Technical Region: 90-240VAC 50/60Hz
 We reserve the right to make technical and design changes.
 Edition: 10.07.2023
 Current version under
www.erco.com/28198.001

Planning data

Cleaning (a)Ambient conditions	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

Data according to regulations
 2019/2020/EU supplemented by 2021/341/EU and 2019/2015/EU supplemented by 2021/340/EU
 Energy Consumption Labelling Ordinance

This product contains a light source of efficiency class F
 Due to thermal and photometric properties as well as to protect electronic components from ESD (electrostatic discharge) the light source cannot be changed by the customer.

ID EPREL: 696980
 Model identifier: 3000056355
 Download data sheets for control gear and disassembly instructions at www.erco.com/slr

Technical data in accordance with international norms and standards

IEC 60598-1	Luminaires – Part 1: general requirements and tests
IEC 60598-2-2:1997	Luminaires – Part 2 : Particular requirements - Section 2: Recessed luminaires
IEC 62031	LED modules for general lighting – safety requirements
IEC 62471	Photobiological safety of lamps and lamp systems
EN13032-4	Light and lighting – measurement and representation of photometric data
CIE 13	Method of measuring and specifying colour rendering properties of light sources
CISPR 15:2018	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
LM79	Method for measuring electrical and photometric properties of LED products.
LM80	Method for measuring lumen maintenance of a group of photoelectric emitting diodes (LED) at different operating temperatures.