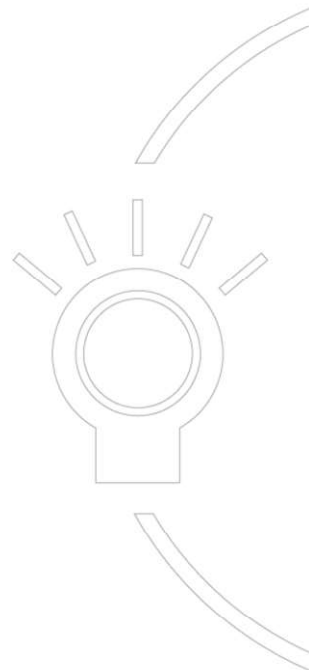


## vicolux® L-CLR-10x90 series

smart light – bar light  
compact, high-performance, IP67



### Product Characteristics:

- In its type currently the brightest bar lighting on the market
- Directed light field, flashable
- Thanks to the use of power LEDs - light output up to 4,600 W/m<sup>2</sup> in flash mode possible
- Flash mode via digital lighting controller of the DLC3005 series
- Maximum service life thanks to intelligent temperature management of the smart light technology:
  - Integrated digital temperature sensor
  - Integrated flash memory with stored lighting parameters and limiting values for continuous and flash operation
- Thermally optimised housing profile made of anodised aluminium
- Degree of Protection: IP67
- Multiple mounting options
  - Slot for swivel slot nuts
  - Dovetail profile
  - Screw channel for M3 thread screws
- M8 connector on the housing

## Technical Information:

Parameter	L-CLR-10x90 series				
Colour temperature / Wavelength	White 5700 K	Blue 450 nm	Green 520 nm	Red 633 nm	IR 860 nm
Light-emitting surface	10 mm x 90 mm				
Beam angle	x = 15°, y = 45° (elliptical)				
Housing dimensions	129 mm x 25 mm x 26 mm (without connector)				
Illuminance (measured in optical axis with maximum parameters at a working distance of 100 mm)					
Continuous operation	1,100 W/m²	1,400 W/m²	460 W/m²	1,000 W/m²	800 W/m²
Flash operation	2,600 W/m²	4,400 W/m²	1,300 W/m²	2,700 W/m²	4,600 W/m²
Power consumption P <sub>Nom</sub> *	14.0 W	16.0 W	11.0 W	14.0 W	14.0 W
Ambient temperature	0 °C to 55 °C				
Overheat protection T <sub>MAX</sub>	80 °C (only in combination with vicolux® smart light lighting controllers)				
Safety class	Class III, operation on safety extra low voltage (SELV)				
Risk group (DIN EN 62471)	1	2	1	exempt group	1
Order number	1-05-013	1-05-012	1-05-011	1-05-010	1-05-014

\* The nominal values refer to an ambient temperature of 25 °C and free convection.

## Technical Drawing:

