

vicolux® L-SPOT-10x90 series

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



Product Characteristics:

- In its type currently the brightest bar lighting on the market
- Focussed, flashable light field (circular)
- Thanks to the use of power LEDs - light output up to 2,600 W/m² 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-SPOT-10x90 series				
Colour temperature / Wavelength	White 5700 K	Blue 450 nm	Green 520 nm	Red 633 nm	IR 860 nm
Light-emitting surface	Luminous field: circular, 10 mm x 90 mm				
Beam angle	± 7.5°				
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 200 mm)					
Continuous operation	600 W/m²	800 W/m²	300 W/m²	600 W/m²	400 W/m²
Flash operation	1,400 W/m²	2,400 W/m²	1,500 W/m²	1,500 W/m²	2,600 W/m²
Power consumption P _{Nom} *	14.0 W	16.0 W	14.0 W	14.0 W	14.0 W
Ambient temperature	0 °C to 55 °C				
Overheat protection T _{MAX}	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	1-05-114	1-05-113	1-05-112	1-05-111	1-05-115

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

Technical Drawing:

