

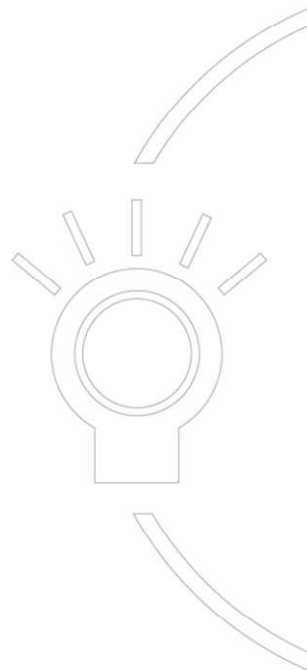
vicolux® L-CLR-10x270 series

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 3,500 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-CLR-10x270 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 270 mm				
Beam angle	x = 15 °, y = 45 ° (elliptical)				
Housing dimensions	309 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/m ²	1,200 W/m ²	440 W/m ²	1,000 W/m ²	860 W/m ²
Flash operation	2,300 W/m ²	3,500 W/m ²	970 W/m ²	2,300 W/m ²	2,200 W/m ²
Power consumption P _{Nom} *	34.9 W	38.2 W	29.8 W	31.8 W	32.8 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	1	1	exempt group	1
Order number	1-05-043	1-05-042	1-05-041	1-05-040	1-05-044

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

Technical Drawing:

