

Area Light SQ50 - Technical data



- LED Area Light for continuous / switch operation
- flat construction height of only 10 mm
- active light field 44 mm x 44 mm
- 36 high performance SMD LEDs
- applicable as a clear or diffused incident illumination or as a transmitted illumination
- integrated illumination controller
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- robust industrial model, Aluminium casing, IP40
- 1,5 m connection cable with open end

With the following table you can assemble your desired type of lighting:*

* A detailed product key explanation can be found on [Page 4](#) of the main product catalogue.

Available illumination variants

Model	Diffusing panel	Illumination colour	Brightness regulation
SQ50	ALK ALD ALF100 DL	R W B G	Potentiometer, optional VC

Operation mode	Continuous / switch	VC analogue input with up to 30 V DC
Operation voltage	19...30 V DC	wide range voltage input
Max. current	0,25 A	at 24 V
Brightness regulation	Potentiometer / VC	Potentiometer: 0 - 100 % (deactivated on VC - models) VC: 0 - 100 % when connected to a voltage of 1...10 V DC on the VC analogue input (potentiometer deactivated)
Switching (Load-free)	20ms on time up to continuous operation, VC-voltage 10-30 VDC	Switching rate max. 10 Hz; brightness regulation via VC-input not possible (potentiometer must be deactivated)
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	0,05 kg	
Protection class	IP 40	
Connection cable	1,5 m cable	open end

Pin configuration

brown	+ U _B	+ operation voltage
white	GND	GND operation voltage
yellow	VC	Brightness regulation 1...10 V DC
green	Shield	Shield connection

LIFETIME
75.000h+

x=0,31
y=0,31

470nm

525nm

625nm

CONTINUOUS

SWITCH

CONTROLLER
INSIDE



Price list: page 268 of the main product catalogue

Area Light SQ50 - Technical drawing

