

## Area Light SQ207 - Technical data



- LED Area Light for continuous / switch operation
- active light field 200 mm x 65 mm
- 252 high performance 5 mm LEDs
- applicable as a clear, diffused or polarised 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
- 150 mm cable with an M16 12-pin plug
- drag chain connection cable with an M16 12-pin socket in different lengths available as accessory ↪ [please note page 211 of the main product catalogue](#)

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         |
| SQ207                           | ALK<br>ALD<br>DL | R<br>IR870<br>W<br>B<br>G | Potentiometer,<br>optional VC |

|                              |   |  |
|------------------------------|---|--|
| <b>Operation mode</b>        | Continuous / switch   | VC analogue input with up to 30 V DC   |
| <b>Operation voltage</b>     | 19...30 V DC  | wide range voltage input   |
| <b>Max. current</b>          | 1,3 A   | at 24 V  |
| <b>Brightness regulation</b> | Potentiometer / VC  | Potentiometer: 0...100 % (deactivated with VC - models) or<br>VC: 0...100 % when connected to a voltage of 1...10 V DC<br>on the VC analogue input (potentiometer deactivated) |
| <b>Switching (Load-free)</b> | 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)   |
| <b>Ambient temperature</b>   | 5 - 45 °C / 37 - 113 °F                                       | non-condensing   |
| <b>Weight</b>                | 1,1kg   |  |
| <b>Protection class</b>      | IP 40   |  |
| <b>Connection</b>            | M16 12-pin plug   | 150 mm drag chain cable with an M16 12-pin plug, IP67  |

| Pin arrangement M16 plug |        |                |                                   |
|--------------------------|--------|----------------|-----------------------------------|
| A+K                      | white  | GND            | GND Operation voltage             |
| B+L                      | brown  | U <sub>B</sub> | Operation voltage                 |
| C                        | green  | NC             | NC                                |
| D                        | yellow | VC             | Brightness regulation 1...10 V DC |
| E                        | grey   | NC             | NC                                |
| F                        | pink   | NC             | NC                                |
| G                        | blue   | NC             | NC                                |
| H                        | Shield | Shield         | Shield connection                 |
| J                        | nc     | NC             | NC                                |
| M                        | nc     | NC             | NC                                |

**LIFETIME**  
**75.000h+**

x=0,31  
y=0,31

470nm

525nm

625nm

870nm

CONTINUOUS

SWITCH

CONTROLLER  
INSIDE



*Price list: page 292 of the main product catalogue*

# Area Light SQ207 - Technical drawing

