

**Module QLE G2 380x380mm 5000lm ADV-SE**

Modules QLE advanced

**Product description**

- \_ Ideal for panel and louver luminaires, cost-effective replacement for 4 x 14 W (18 W) T5 / T8 lamps
- \_ 121 LED packages for excellent homogeneity and illumination
- \_ Perfectly uniform light, even if several LED modules are used together in a line
- \_ Self-cooling (no additional heat sink required)
- \_ Push terminals for quick and simple wiring of LED module to LED module
- \_ Long lifetime: 50,000 hours
- \_ 5 years guarantee

**Optical properties**

- \_ Colour temperatures 3,000 and 4,000 K
- \_ Luminous flux range from 3,520 up to 8,260 lm
- \_ Efficacy of the module up to 159 lm/W
- \_ High colour rendering index CRI > 80
- \_ Small colour tolerance (MacAdam 3) <sup>①</sup>
- \_ Small luminous flux tolerances

**Mechanical properties**

- \_ Module dimension 380 x 380 mm
- \_ Simple installation (e.g. screws)

**System solution**

- \_ LED system solution with outstanding system efficacy up to 136 lm/W, consisting of squared LED module and dimmable LED Driver LCAI 65 W 900 – 1750 mA ECO Ip

<sup>①</sup> Integral measurement over the complete module.

**Website**

<http://www.tridonic.com/89602157>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

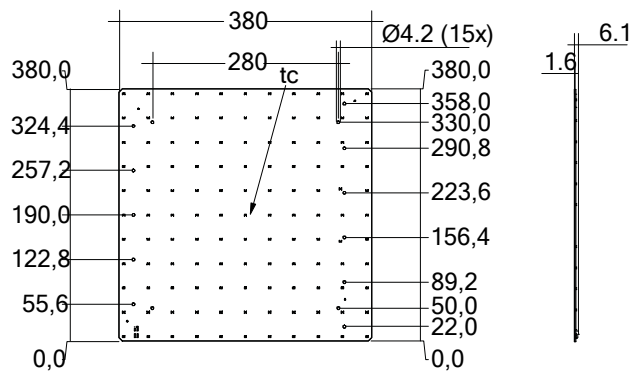


High bay

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The complete data sheet for this product is available in the Downloads section.

**Ordering data**

| Type                               | Article number | Colour temperature | Packaging, carton | Packaging, carton | Weight per pc. |
|------------------------------------|----------------|--------------------|-------------------|-------------------|----------------|
| QLE G2 380x380mm 5000lm 840 ADV-SE | 89602157       | 4,000 K            | 1 pc(s).          | 14 pc(s).         | 0.283 kg       |

**Technical data**

|                                       |                       |
|---------------------------------------|-----------------------|
| Beam characteristic                   | 120°                  |
| Ambient temperature range             | -30 ... +45 °C        |
| tp rated                              | 65 °C                 |
| tc                                    | 85 °C                 |
| Imax                                  | 1,700 mA              |
| Max. permissible LF current ripple    | 2,178 mA              |
| Max. permissible peak current         | 2,460 mA / max. 10 ms |
| Max. working voltage for insulation ® | 250 V                 |
| Insulation test voltage               | 1.5 kV                |
| ESD classification                    | Severity level 4      |
| Risk group (IEC 62471)                | 0                     |
| Type of protection                    | IP00                  |
| Lifetime                              | up to 50,000 h        |
| Guarantee                             | 5 Year(s)             |

**Approval marks****Standards**

IEC 62031, IEC 62471, IEC 61547, IEC 55015, IEC 61000-4-2

**Specific technical data**

| Type ®                                | Article number | Photometric code | Typ. luminous flux at tp = 25 °C ③ | Typ. luminous flux at tp = 65 °C ③ | Typ. forward current | Min. forward voltage at tp = 65 °C | Max. forward voltage at tp = 25 °C | Typ. power consumption at tp = 65 °C | Efficacy of the module at tp = 25 °C | Efficacy of the module at tp = 65 ° | Efficacy of the system at tp = 65 ° | Colour rendering index CRI |
|---------------------------------------|----------------|------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|----------------------------|
| <b>Operating mode HE at 825 mA</b>    |                |                  |                                    |                                    |                      |                                    |                                    |                                      |                                      |                                     |                                     |                            |
| QLE G2 380x380mm 5000lm 840 ADV-SE    | 89602157       | 840/349          | 4,270 lm                           | 4,050 lm                           | 825 mA               | 30.5 V                             | 34.7 V                             | 26.0 W                               | 159 lm/W                             | 155 lm/W                            | 136 lm/W                            | > 80                       |
| <b>Operating mode BLO at 1,050 mA</b> |                |                  |                                    |                                    |                      |                                    |                                    |                                      |                                      |                                     |                                     |                            |
| QLE G2 380x380mm 5000lm 840 ADV-SE    | 89602157       | 840/349          | 5,290 lm                           | 5,020 lm                           | 1,050 mA             | 31.8 V                             | 36.2 V                             | 34.1 W                               | 151 lm/W                             | 147 lm/W                            | 130 lm/W                            | > 80                       |
| <b>Operating mode HO at 1,700 mA</b>  |                |                  |                                    |                                    |                      |                                    |                                    |                                      |                                      |                                     |                                     |                            |
| QLE G2 380x380mm 5000lm 840 ADV-SE    | 89602157       | 840/349          | 8,260 lm                           | 7,840 lm                           | 1,700 mA             | 34.0 V                             | 38.8 V                             | 59.1 W                               | 136 lm/W                             | 132 lm/W                            | 116 lm/W                            | > 80                       |

② If mounted with M4 screws and plastic washers.

③ HE ... High Efficiency, BLO ... Best Lamp Operation, HO ... High Output.

④ Tolerance range for optical and electrical data: ±10 %.