

**Driver DLA G2 SNC**

Engine DLA G2



DLA G2 100mm 1000lm 8x0 SNC EM ECG



DLA G2 150mm 2000lm 8x0 SNC EM ECG



DLA G2 200mm 3000lm 8x0 SNC EM ECG

**Product description**

- \_ LED replacement for downlight with compact fluorescent lamps
- \_ Complete ready2apply solution comprising module, driver, reflector and trim ring
- \_ Tool-free assembly, simple as push and rotate
- \_ Spring clip pre-assembled
- \_ Ripple current 5 % and UGR19 (specific model only) makes office installation possible
- \_ Fit for ceiling cutout 100, 150 and 200 mm
- \_ Typ. luminous flux category: 1,000/2,000/3,000 lm
- \_ Approved emergency solution with EM converterLED
- \_ High system efficacy up to 111 lm/W
- \_ Optional reflector solution with 60° and 90°
- \_ Small colour tolerance (MacAdam 4)
- \_ Nominal lifetime of 50,000 h (L70/B50)
- \_ 5 years guarantee (conditions at

<https://www.tridonic.com/en/int/services/manufacture-guarantee-conditions>)

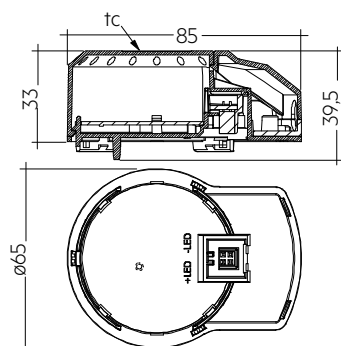
**Website**

<http://www.tridonic.com/28002236>

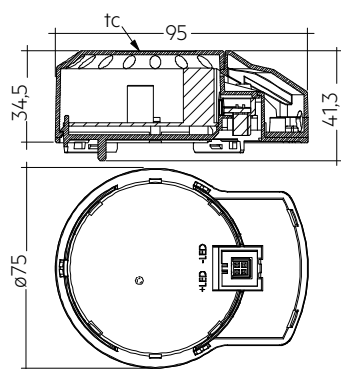


## Driver DLA G2 SNC

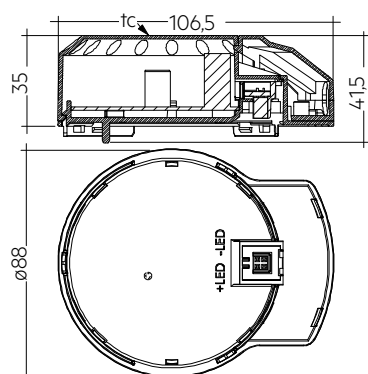
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### Ordering data

| Type                               | Article number | Packaging, carton | Packaging, pallet | Weight per pc. |
|------------------------------------|----------------|-------------------|-------------------|----------------|
| DLA G2 100mm 1000lm 8x0 SNC EM ECG | 28002236       | 84 pc(s).         | 1,512 pc(s).      | 0.075 kg       |
| DLA G2 150mm 2000lm 8x0 SNC EM ECG | 28002238       | 84 pc(s).         | 1,260 pc(s).      | 0.108 kg       |
| DLA G2 200mm 3000lm 8x0 SNC EM ECG | 28002240       | 84 pc(s).         | 1,008 pc(s).      | 0.153 kg       |

**Technical data**

|                                                         |                |
|---------------------------------------------------------|----------------|
| Rated supply voltage                                    | 220 – 240 V    |
| AC voltage range                                        | 198 – 264 V    |
| Mains frequency                                         | 50 / 60 Hz     |
| Overvoltage protection                                  | 320 V AC, 1 h  |
| Leakage current (at 230 V, 50 Hz, full load)            | < 0.5 mA       |
| $\lambda$ over full operating range (min.) <sup>①</sup> | 0.9C           |
| Max. output voltage (U-OUT)                             | 50 V           |
| THD (at 230 V, 50 Hz, full load)                        | < 15 %         |
| Output current tolerance <sup>②</sup>                   | ± 5 %          |
| Typ. current ripple (at 230 V, 50 Hz, full load)        | < 20 %         |
| Starting time (at 230 V, 50 Hz, full load)              | ≤ 0.5 s        |
| Hold on time at power failure (output)                  | 0 s            |
| Ambient temperature ta                                  | -20 ... +40 °C |
| Ambient temperature ta (at lifetime 50,000 h)           | 40 °C          |
| Storage temperature ts                                  | -30 ... +80 °C |
| Type of protection                                      | IP20           |
| Lifetime                                                | up to 50,000 h |
| Guarantee (conditions at www.tridonic.com)              | 5 Year(s)      |

**Approval marks**

IP20 SELV       RoHS

**Standards**

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 61547, EN 62384

**Specific technical data**

| Type                                      | Output current <sup>②</sup> | Input current (at 230 V, 50 Hz, full load) | Input power (at 230 V, 50 Hz, full load) | Typ. power consumption (at 230 V, 50 Hz, full load) | Output power range | $\lambda$ at full load <sup>①</sup> | Efficiency at full load <sup>①</sup> | $\lambda$ over full operating range (min.) <sup>①</sup> | Efficiency at min. load <sup>①</sup> | Max. output voltage (U-OUT) | Max. output peak current at full load <sup>③</sup> | Max. output peak current at min. load <sup>③</sup> | Max. casing temperature tc |
|-------------------------------------------|-----------------------------|--------------------------------------------|------------------------------------------|-----------------------------------------------------|--------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------|-----------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------|
| <b>DLA G2 100mm 1000lm 8x0 SNC EM ECG</b> | 255 mA                      | 0.047 A                                    | 11.0 W                                   | 10.2 W                                              | 8.0 – 9.3 W        | 0.95                                | 85 %                                 | 0.9C                                                    | 83 %                                 | 50 V                        | 320 mA                                             | 320 mA                                             | 60 °C                      |
| <b>DLA G2 150mm 2000lm 8x0 SNC EM ECG</b> | 530 mA                      | 0.094 A                                    | 21.7 W                                   | 20.2 W                                              | 16.5 – 19.3 W      | 0.95                                | 89 %                                 | 0.9C                                                    | 87 %                                 | 50 V                        | 667 mA                                             | 667 mA                                             | 60 °C                      |
| <b>DLA G2 200mm 3000lm 8x0 SNC EM ECG</b> | 790 mA                      | 0.136 A                                    | 32.0 W                                   | 29.8 W                                              | 24.6 – 28.8 W      | 0.95                                | 90 %                                 | 0.9C                                                    | 88 %                                 | 50 V                        | 995 mA                                             | 995 mA                                             | 65 °C                      |

① Test result at 230 V, 50 Hz.

② Output current is mean value.

③ The trend between min. and full load is linear.