

1075 Series - Window/Ceiling Lighting System, 24VDC Datasheet



Product Overview

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- 24V Input LED Lighting System.
- High reliability lighting grade chip LED technology.
- LED life expectancy greater than 130,000 hrs to 70% of initial light output.
- Ultra-high reliability design.
- Low maintenance costs.
- Offers energy savings compared to conventional light sources.
- Two independent LED circuits.
- Emergency mode circuit — only EM_LIGHT is turned on in a dimmed state.

Product variants

- 336mm LED module
- 360mm LED module
- 379mm LED module

Technical Overview

Input Specification

| | General Lighting | Emergency Lighting |
|------------------------------------|----------------------|--------------------|
| Input Supply | 16.8V dc – 32V dc | |
| Input Voltage Limit Without Damage | 50V | |
| Maximum Input Current | 0.2A | 0.031A |
| Nominal Input Current | 0.14A | 0.027A |
| Nominal Input Power | 3.44W | 0.64W |
| IO Connection | Wago 2061 series | |
| Board-to-board connectors | Hermaphroditic 2-Way | |

Output Specification

| | |
|--------------------|----------------|
| LED Technology | Samsung LM301B |
| Colour Temperature | 5000K |
| Luminous Flux | 36-38lm |
| CRI | >80 |
| Efficacy | 210lm/W |

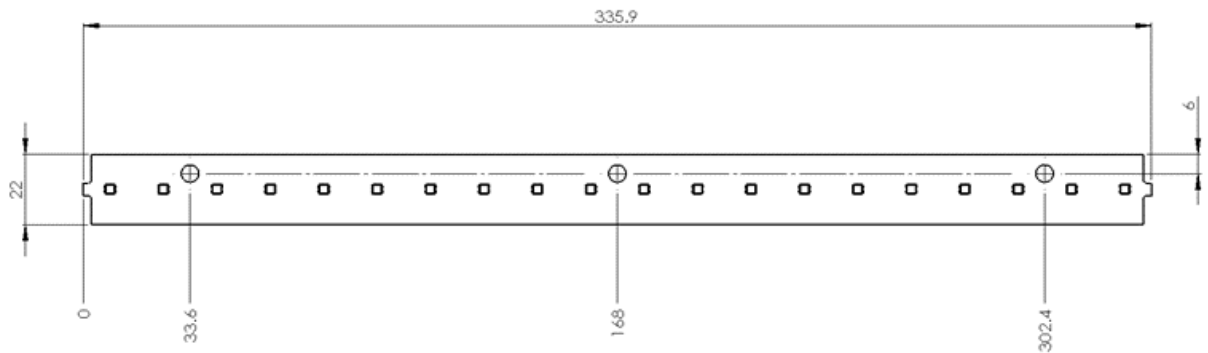


General Specification

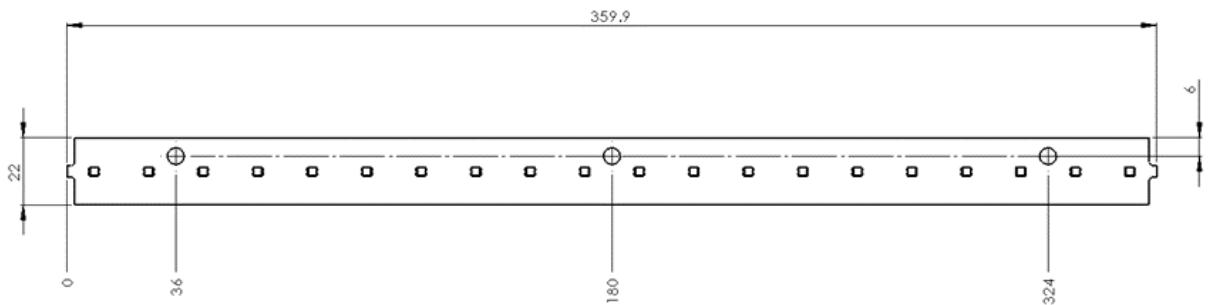
| | |
|-----------------------------|----------------|
| Operating Temperature Range | -25°C - +70°C |
| Led Rated Life – L70B10 | >130,000 hrs |
| Module dimensions: | |
| LED module 336mm | 335.9mm x 22mm |
| LED module 360mm | 359.9mm x 22mm |
| LED module 379mm | 378.9mm x 22mm |

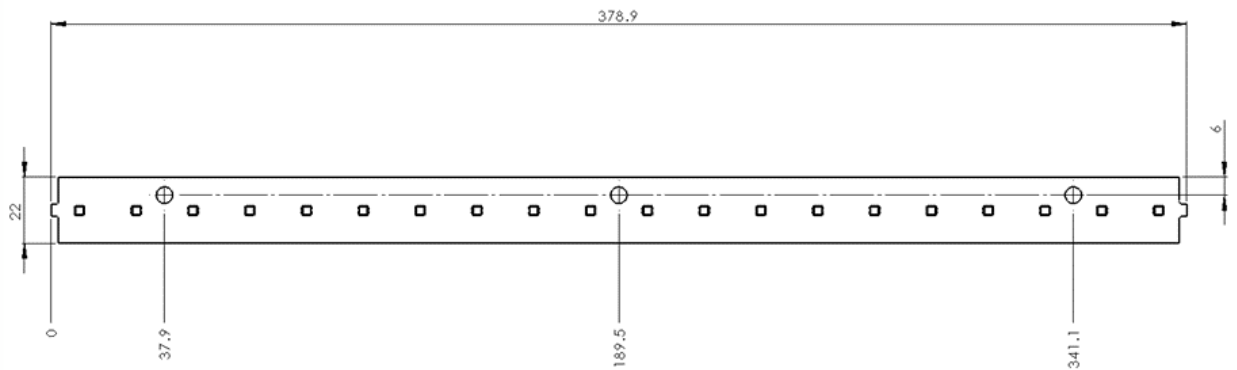
Mechanical Specification

336mm Module

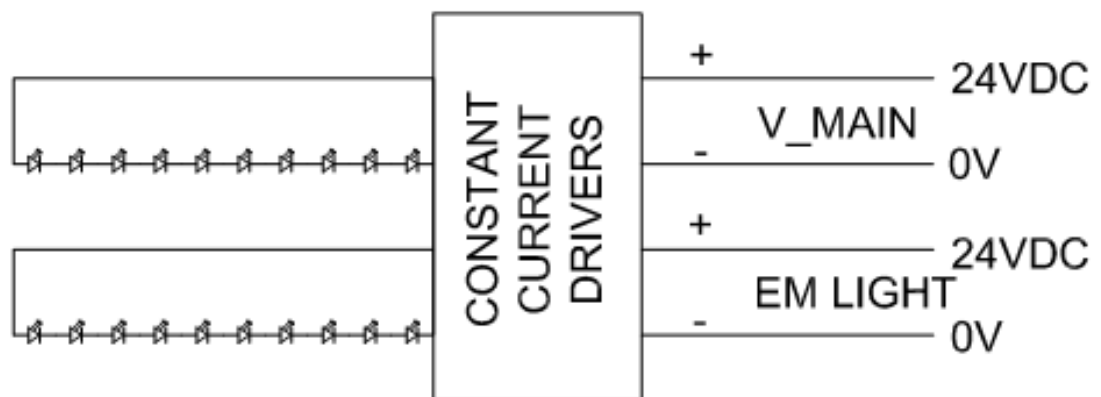


360mm Module





Electrical Configuration



Compliance

The 1075 series are designed to comply with the following standards:

- › EN50121-3-2
- › EN61373
- › EN50155

Safety -

- › Input Voltage Transient Suppression.
- › Reverse Polarity Protection.
- › Input Fuse Per LED Driver protecting against consequential failures and damage

