



Alpine Series
Solid State Low Bay Lighting



Thermal Management

For LEDs and Power Supplies that last.

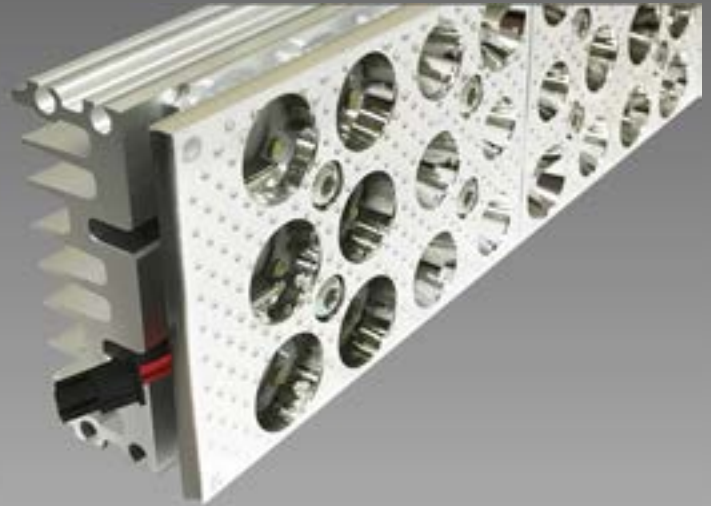


Robust Heat Sinking

Heat-energy conducted to the heat sink needs to then convect. That requires generous fin geometry and clean heat sinks (that are not powder coated).

Solid Aluminum Core LED Boards

The thermal connection between the LED and the heat sink is critical to keeping the LEDs cool. And that's critical to maintaining output and color .



The Coolest Power Supplies

Sitting on custom risers and thermally isolated from the LED arrays, the Alpine's power supplies exchange heat-energy with a fresh air plenum that flows around all six sides.

Every 10°C cooler doubles the power supply life. Cireon never be encloses or puts them above the LED arrays.

The Alpine provides more than 15in² of heat sink surface area per LED. That's more than four times the closest competitor.

Optics Designs

Designed for indoor parking, configurable for all low bay needs.

Cireon's T5 optic was designed specifically for the standard 30' spacing (units on both sides of the drive aisle) and 8' mounting height, with soft edges to accommodate variation.



Type 5 Optic

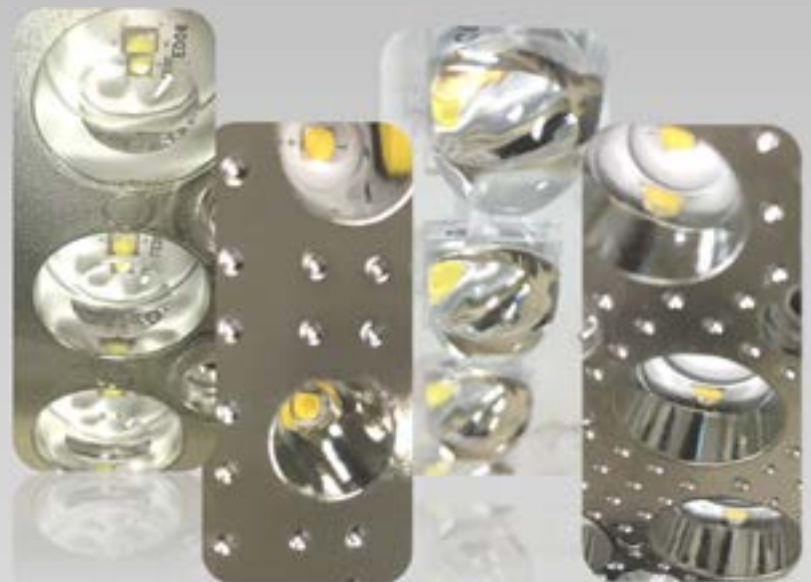
Type 2 Optic

Cireon's T2 optic was designed for sites with the single row of units down the center of the drive aisle. It too has soft edges for variation.



Both of these optics provide uniformity and coverage to halfway up the walls.

For layouts with different spacing or mounting heights, the Alpine offers the optics options to suit.



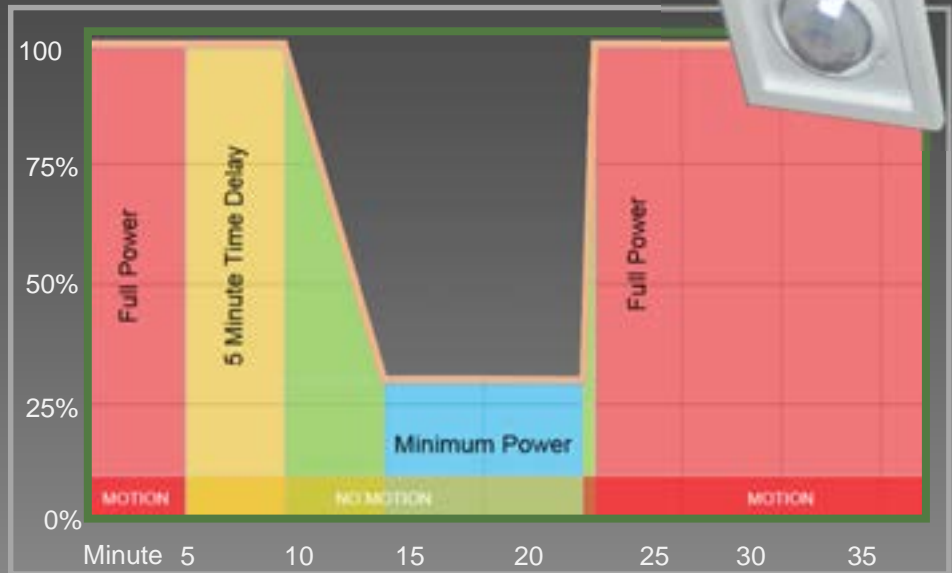
Controls

Integral Sensors

Optional sensors for occupancy, daylight harvesting and hybrids of both are available and economi-

Ramping-style sensors soften the usual abruptness of changing light levels. Hybrid sensors prevent lights from turning on when occupancy is detected but daylight is sufficient.

The economy of these sensors provides a quick ROI.



Wireless

Cireon has partnered with Synapse[®] to bring you a feature-packed control system that's easy to use.

Control your lighting with on, off and dim, individually and in groups. Schedule "events" to time of day, sensors, or the astronomical clock. Easily create one-touch scenes.



Your Wi-Fi devices, as many as you want, command the Site Controller. This holds your settings even when no devices are connected. You can also use your devices to actively control your lighting.

Add additional equipment, such as HVAC. On a dedicated FCC band, cross-talk and false signals are no concern. There's no internet or subscription required but an internet-based platform is available.

The Alpine is available in 26W, 39W, 52W, 78W and 102W

For detailed information, please contact your local Authorized Cireon Agent, or call or email us.