



## ANP Lighting Product

**1:** Headwaters Center

**2 & 3:** Arm mounted Warehouse shades illuminate the interior event area and the outdoor deck.

**4 & 5:** Mini wall mounts illuminate the stone facade and are mounted on short wooden poles in the parking areas.

## ANP Lighting goes off the grid at Headwaters Center in Winter Park, CO

Headwaters Center, a “first of its kind” facility is Colorado’s is a non-profit hub for mountain entertainment, events, higher education and water education. Peter and Lucy Van Dusen of Peter Van Dusen Project Management and Design provided the architectural creativity behind the highly innovative Headwaters Center in Winter Park. Sustainability was the focus, using materials from the past and incorporating an energy system of the future.

An “off-the-power-grid” facility, the Headwaters Center derives the majority of its energy from the sun, which is stored in and used from batteries onsite. In the event solar is not available, natural gas prime power generators, equipped with pollution and efficiency controls, run long enough to charge battery systems. Power is transmitted by direct current (DC) and never converted to alternating current (AC) for maximum efficiency.

The lighting fixtures needed to compliment the reclaimed Civil War Era barn and be compatible with the technology of the energy system. ANP Lighting’s RLM fixtures were selected for this task. The Warehouse RLM series in 14, 16, and 18-inch diameters combined with a gooseneck or 90° arm mount are used throughout the facility, both indoors and out. A mini wall mount version of this shade is used to illuminate the stone façade of the building and on short wooden poles in the egress and parking areas.

ANP’s engineering team worked with Joe Fisher of Fisher Lighting and Controls to provide the proper DC powered LED drivers and ensure compatibility with the centralized DC power system.