



RP-SAL-G2 →

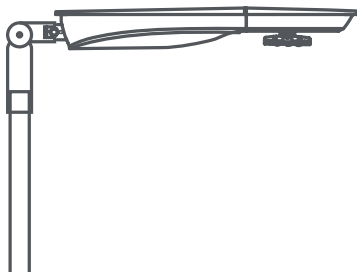


DATA CENTER CONSTRUCTION



DISTRIBUTOR GRAYBAR

"AS A VALUED LIGHTING PARTNER, WE APPRECIATE SOLERA EQUIPPING US WITH THE PRODUCTS NEEDED TO DELIVER A PRACTICAL AND EFFICIENT SOLUTION FOR THIS PROJECT."



PRODUCT USED RP-SAL-G2 (QTY 150) SOLAR AREA LIGHT

SITUATION

An electrical contractor partner required a mobile lighting solution for a large data center project in place of traditional gas-powered portable light towers. The multi-year project spans several phases, requiring lighting to be relocated as work progresses.

SOLUTION

The recommendation was to provide an all-in-one solar flood lighting solution that could be easily relocated without the need to run power to each luminaire. Wood poles and mounting brackets were selected as the optimal approach, allowing the poles to be reused and enabling full adjustability — including height, angle, and number of luminaires, to adapt to changing field conditions.

RESULTS

Our solution delivered meaningful advantages for the contractor, particularly in installation efficiency and overall cost control. With no wiring required, installation can be completed by general labor rather than skilled electricians, significantly reducing labor costs and simplifying deployment.

As one stakeholder noted — *"The electrical contractor drove the decision to use solar lighting for temporary applications. The biggest benefit was labor savings — since there's no wiring involved, helpers can handle the installation."*

While the upfront material cost may be higher, the long-term operating costs are substantially lower compared to traditional alternatives. Hard-wired systems require cable, conduit, and more skilled labor, while gas-powered light towers introduce ongoing rental, fuel, and maintenance expenses.

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