



ADAM METAL PRODUCTS

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Adam Metal Products has embarked on a new direction for 2005. We have built a solid foundation of products that are competitive, and of good quality for surface mounted fluorescent lighting fixtures. Now we are introducing three new product families that will allow our customers to participate in the specification business. These products are performance oriented, aesthetically designed, can be "table topped" and have specification features. They have been designed for our customers that enjoy "selling" in order to have higher margins.

Adam Metal Products is a unique manufacturing facility that allows us the flexibility of differentiating products easily in order for you not to have just a "me too" item to offer your customers. You can incorporate the features that the customer asks for not just the features every one else has. We have increased our normal size fixtures from four feet to, "what size do you want?". Everyone knows the advantage of roll forming metal in our industry. (consistency of profile, reduced piece part prices, reduced labor costs, etc). This makes it easy to have a task light that is 5', 6', 7' or 8' long with a one piece lens. Only roll forming makes this possible.

Adam Metal has in production over fourteen rollformers with others in reserve. Coupled with three CNC turret punches, twenty presses, riveting, welding capabilities, press brakes, a complete tool room with four tool makers and we become your custom facility.



ONE OF OUR MANY ROLLFORMERS



SOME EXAMPLES OF CUSTOM AND BUILD-TO-ORDER PIECES

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Staggered Lamp Strips

Staggered Lamp Strips

These fixtures have been designed for aesthetics, performance as well as ease of assembly and installation. Finally a staggered lamp fixture that is specification grade and can be "table topped" without embarrassment as the Adam Metal quality is readily perceived. Clean looks and all sizes available with two widths and a three inch stagger.

The staggered lamp series are comprised of just two parts, a back (with ends) and a cover. No other parts or pieces to assemble. A 4 1/4 inch width to accommodate the T8/T12 lamps with lengths at 2', 3', 4', 6' and 8'. The narrow width three inch unit, accommodates T8 or T5 lamps with the same nominal lengths available. Ballasts and sockets mount to the back of the fixtures and the units are designed for push through lamp holders with or without locator pins. This allows the units to be shipped knocked down and can be readily activated at the job site with proper instructions. Holes have been provided to screw together tandem units on the job site.



SERIES 686
4-1/4" T8/T12



SERIES 683
3" T8/T5



SERIES 682
3" T8/T5

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Indirect/Direct Linear Luminaires

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A specification grade 20 gauge steel housing that has been roll formed for consistent profile. Standard lengths are 4 and 8 feet; however, since the housing is roll formed, any length is available that can be easily transported and installed. Housing utilizes die cast aluminum joiners for strength and suspension points. Two different die cast aluminum end caps are available in "spade" and a "bull nose" configurations. Luminaires bolt together and end caps bolt on for maximum strength considerations. Housings are available in bare steel with or without perforations for aesthetic indirect/direct lighting. The patented optical system is designed around T5 technology with efficiencies exceeding 95% with one to three T5HO lamps tested at 25 degrees C.

Suspension to the joiners is accomplished with stems, cable (single) or cable (V suspension) by others. Luminaires are designed to be suspended at the actual 4' or 8' centers to coordinate with the building modules. Housings are installed without the ballasts and optical assembly which reduces weight and allows for easy levelling. The optical assembly which also contains the ballast/lamp holders and other pre-wiring just lays into the housing for final wiring.

This is not a generic "me-too" product line. This is a specification maker that others will have a difficult time equalling in performance, aesthetics, ease of installation with competitive pricing.



AVAILABLE WITH EITHER SPADE OR BULL NOSE END CAPS



SPADE



BULL NOSE

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High Bay/Low Bay Luminares

High Bay/Low Bay Luminaire

The T5HO lamp and the T8 high ballast factor lamps have spawned many new application lighting fixtures. Lighting fixture manufacturers in their effort to participate in these new markets quickly added more lamps to "troffer" style lighting fixtures and called them "high bays". Theoretically, they performed well until the ambient temperatures caught up with them. These troffers became pure ovens that increased the output of the lamps up to a point and decreased the life of the electronic ballasts needed. Other efforts have been made to counteract the heat problems by designing fixtures in the shape of an "H" with the ballast compartment still above the hot lamps. To make it even more difficult, these products had to be ordered in four or five SKU's in order to have T5 lamps; T8 lamps; 4 light; 6 light; uplight versions; and downlight versions. None of which can be surface mounted.

Adam Metal Products now offers the "Universal" high bay/low bay luminaire. One SKU will perform all of the above functions for T5/T8; 4/6 light; uplight/downlight. This has been accomplished with a patented design concept of a rectangular space frame that incorporates the ballasts/accessories in the outside frames. The outside frames have the capacity to accommodate up to 4 ballasts or battery packs and occupancy sensors. The end frames accommodate T5 or T8 lamps and 2, 3, 4, 5 or 6 lamp holders can be installed per your customer's requirements. The frame can be surface mounted with just direct reflectors or suspended by cable, stems, power hook or chains (by others) with reflectors for down light or combination up and down light. A uniquely designed wire guard with shock absorption can be installed on the job site without modification to turn the unit into a multipurpose luminaire. The frame will also accept a stylized lens frame when the unit is mounted at lower heights where the direct glare could be a factor. Photometrically, the luminaire exceeds 94% efficiency with 6 -T8 lamps with a spacing to mounting height ratio of 1.5 to 1. This type of ratio also allows for excellent vertical footcandles in warehouses and big box stores with vertical racking.

By today's standards, this is truly the "universal" fixture of the year!



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