Flex Lighting Solutions Lights Up the Washington Redskins New Practice Facility with Essentials Series LED High Bays

Location: Virginia
Application: Indoor Sports
End Customer: Washington Redskins
Partner: Arizon Building Systems

Increased energy savings with Flex Essentials Series

When Arizon Building Systems was tasked to replace the Washington Redskins practice facility, energy efficiency was a top priority. For that reason they chose Flex Essentials Series LED High Bays as the lighting system for the new facility. The end customer now enjoys the same amount of light while using 58% less energy.

$33.5K annual energy savings
58% less energy
$335K energy savings/10 years
## Lighting System Cost of Ownership Comparison

<table>
<thead>
<tr>
<th>OPTION</th>
<th>FIXTURE TYPE</th>
<th>FIXTURE LABEL</th>
<th>TOTAL # FIXTURES</th>
<th>WATTS/FIXTURE</th>
<th>TOTAL WATTS</th>
<th>ANNUAL ENERGY CONSUMPTION (KWH)</th>
<th>AVERAGE COMMERCIAL ELECTRICITY COST IN VIRGINIA ($/KWH)</th>
<th>ANNUAL OPERATING COST</th>
<th>LAMP CHANGES (10 YEARS)</th>
<th>TOTAL LAMP REPLACEMENT COST INCLUDING LABOR &amp; EQUIP. (10 YEARS)</th>
<th>TOTAL OPERATING COST (10 YEARS)</th>
<th>AVERAGE ILLUMINATION (FC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>Metal Halide</td>
<td>1,000W HID</td>
<td>112</td>
<td>1,080</td>
<td>120,960</td>
<td>706,406.40</td>
<td>$0.0808</td>
<td>$57,077.64</td>
<td>4.87</td>
<td>$81,760</td>
<td>$236,766</td>
<td>70</td>
</tr>
<tr>
<td>New</td>
<td>Essentials Series 3.2 Performance Line 6M</td>
<td>3P-6M</td>
<td>112</td>
<td>448</td>
<td>50,176</td>
<td>293,027.84</td>
<td>$0.0808</td>
<td>$23,676.65</td>
<td>0</td>
<td>$-</td>
<td>$236,766</td>
<td>70</td>
</tr>
</tbody>
</table>

Figures are based on a lighting operation of 16 hours per day, 365 days per year for 10 years.

For more information, please visit [www.flexlightingsolutions.com](http://www.flexlightingsolutions.com)

Flex is a leading end-to-end supply chain solutions company that delivers design, engineering, manufacturing and logistics services to a range of industries and end-markets, including data networking, telecom, enterprise computing and storage, industrial, capital equipment, appliances, automation, medical, automotive, aerospace and defense, energy, mobile, computing and other electronic product categories. Flex is an industry leader that helps its customers design, build, ship, and service their products through an unparalleled network of facilities in more than 30 countries and across four continents.

Copyright © 2017, Flex. All rights reserved. No part of this document may be reproduced in any form without the prior written permission of Flex.