ADDENDUM NO. 1

DATE OF ISSUE December 4, 2015
DATE OF ADVERTISEMENT November 18, 2015
DATE OF BID OPENING December 16, 2015

PROJECT NO.
OPW 52889

Lighting Upgrades at City Facilities

NOTICE TO PLAN HOLDERS:

The following revisions to the contract documents, special provisions, and plans shall be acknowledged on page P-1 of the bidder’s proposal.

CONTRACT DOCUMENTS, SPECIAL PROVISIONS, AND PLANS

1. See attached.
ITEM #1

MATERIALS QUANTITIES FOR EACH LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Station 1</td>
<td>T 8 Lamps</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Ballast</td>
<td>100</td>
</tr>
<tr>
<td>Traffic Maintenance</td>
<td>T 8 Lamps</td>
<td>450</td>
</tr>
<tr>
<td></td>
<td>Ballast</td>
<td>225</td>
</tr>
<tr>
<td></td>
<td>8' tandem fixture</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>2'x4' (3) Bulb Fixture</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>4 Lamp Troffer</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>2'x2' (3) Bulb Fixture</td>
<td>6</td>
</tr>
<tr>
<td>SE Joint Use Facility 52nd Dayton</td>
<td>T 8 Lamps</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Ballast</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>T 5 Fixtures 6 lamp (4')</td>
<td>20</td>
</tr>
<tr>
<td>Fire Station 65</td>
<td>T 8 Lamps</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Ballast</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>4' ceiling/wall mount 2 bulb fixtures</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>2'x4' (3) Bulb Fixture</td>
<td>27</td>
</tr>
<tr>
<td>Bess Library</td>
<td>T 8 Lamps</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Ballast</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>2'x2' Fixture</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>2'x4' (3) Bulb Fixture</td>
<td>67</td>
</tr>
</tbody>
</table>

Note:
ALL T8 LAMPS TO BE F32T8/TL841

ITEM #2

CORRECTION:
Language in the contract stating that the “Contractors performing work on this project must be approved by the Omaha Public Power District (OPPD) “APPROVED TRADE ALLY”."

Should read
“Contractors performing work on this project must utilize an approved trade ally in accordance to criteria set forth in OPPD’s (Omaha Public Power District) Trade Ally program. An Approved Trade Ally
can be any or all of the following; a contractor, distributor, manufacturer or other company who has committed to OPPD’s Trade Ally Program.

ITEM #3

The 2 T8 lamp surface mount replacement fixtures for wall and ceiling will be Cooper Lighting APW-GPW Series or equal cut sheet attached. A total of 23 are located at Fire Station 65.

ITEM #4

The High Bay sodium vapor replacement fixture for Dayton Street will be a 6 T5 lamp Lithonia Lighting I-Beam IBZ series or equal, cut sheet attached. A total of 17 are located at the Dayton Street Yard.
DESCRIPTION

The APW-GPW Series is a general purpose wraparound luminaire featuring ideal performance for any application. The luminaire's low profile design is both appealing and functional. The APW-GPW Series utilizes a clear, low brightness, extruded acrylic refractor to meet your performance and aesthetics needs.

The APW-GPW Series is the perfect wraparound for schools, offices and other commercial and retail spaces.

SPECIFICATION FEATURES

Construction
Housing consists of die formed cold rolled steel. Ends formed with the housing for strength. Steel end plates with 7/8" KO's and provisions for continuous row aligners. Ballast cover easily removed without tools.

Electrical*
Equipped with T8 NEMA premium ballast. Rotor lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish
Baked enamel finish ensures maximum bonding and rust prevention.

Lens
100% clear prismatic lens. Sides have inside linear prisms and bottom has pyramidal prisms for low brightness control.

COOPER LIGHTING - ALLPRO®

Catalog #  Type

Catalog #  Project

Catalog #  Comments

Catalog #  Prepared by

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Product Description</th>
<th>Wattage</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>APW-SW232</td>
<td>4', 2 LAMP, T8, SPECIFICATION WRAP</td>
<td>32W</td>
<td>080083622153</td>
</tr>
<tr>
<td>APW-SW432</td>
<td>4', 4 LAMP, T8, SPECIFICATION WRAP</td>
<td>32W</td>
<td>080083622177</td>
</tr>
</tbody>
</table>

SHIPPING INFORMATION

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Pallet Number</th>
<th>Pallet Weight (WGT.)</th>
<th>Pallet Quantity (Qty.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>APW-SW232</td>
<td>8.91</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>APW-SW432</td>
<td>12.41</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

LAMPS CONTAIN MERCURY, DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT
Safe and convenient means of disconnecting power.

*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

Specifications and dimensions subject to change without notice. Consult your representative for additional options and finishes.
FEATURES & SPECIFICATIONS

INTENDED USE — The IBZ fluorescent high bay is ideal for new construction and renovation projects. It is a one-for-one replacement of common metal halide high bay systems. The unique Cool Running Plus™ technology provides industry-leading, trouble-free operation in ambient temperatures up to 155°F (68°C). Applications include manufacturing, warehousing, commercial and industrial facilities. The IBZ fixture performs well at mounting heights from 15'-40'. Certain airborne contaminants can diminish integrity of a metal.

CONSTRUCTION — The highly configurable design of the IBZ high bay allows for a multitude of fixture options that can either be factory- or field-installed. The easy-access ballast channel houses the proprietary Cool Running Plus technology, which is the most advanced fluorescent ballast technology available for fluorescent high bay lighting. It has independent lamp operation to reduce lamp maintenance costs, is fast-starting to improve occupancy sensing, and a proprietary thermal-sensing processor that allows for reliable operation in environments where ambient temperatures can reach up to 155°F (68°C).

In addition to the reliable operation of IBZ fixtures, the reflector tightly controls the distribution of light and effectively manages heat to increase the overall efficacy. The result is superior optics in either narrow distribution for aisles, or wide distribution for general lighting. Installation is made quick and easy with IBZ hanging accessories such as the aircraft cable and single-point mounting bracket. IBZ fixtures can be factory-wired to have both sensors and cord sets, further reducing installation time. The configurability, performance, and ease of installation make IBZ fixtures the preferred choice for fluorescent high bay lighting.

Channel is formed of heavy-duty code-gauge (22-gauge) steel to stand up to the most demanding elements. Lamp holder assembly projects from incidental damage or movement of sockets during handling and installation. Lamp holder (sockets) are manufactured from PBT (polybutylene terephthalate) material for increased chemical resistance along with secure positioning of rotating collars and enclosed contacts. Access plate on the back of the channel housing allows quick and easy wiring.

Finish: Channel is high-gloss white baked enamel; five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance.

OPTICS — Two optical systems are available. Narrow distribution is ideal for narrow or aisle lighting applications and features precision-formed segmented optics utilizing specular aluminum reflector. Provides 95% reflectivity and warranted for 25 years. Wide distribution includes high-reflectance white finish for general or open areas.

ELECTRICAL — Thermally protected, resetting, Class P, HFE. A sound-rated electronic ballast. AWM TM or THHN wire used throughout rated for required temperatures. Ballast disconnect (BBP) is standard unless EL14 or cord set is requested.

INSTALLATION — Suitable for suspension by chain, cable, surface-mounting bracket, hook monopoint or single (pendant) monopoint. Surface mounting not recommended without optional surface mounting bracket.

To maintain high ambient listing fixture should be mounted at a minimum plenum height of 8'.

LISTINGS — CUL Certified to U.S. and Canadian safety standards (UL1598 and C425.6-01) for 55°F and 40% Insured. Suitable for damp locations.

WARRANTY — 1-year unlimited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application. Note: Specifications subject to change without notice.

DIMENSIONS

Dimensions may vary with options or accessories.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>COUNT</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-lamp</td>
<td>48'-1/16</td>
<td>13'-1/4</td>
<td>3-3/8</td>
<td>2-3/8</td>
</tr>
<tr>
<td>6-lamp</td>
<td>48'-1/16</td>
<td>13'-1/4</td>
<td>3-3/8</td>
<td>2-3/8</td>
</tr>
<tr>
<td>8-lamp</td>
<td>48'-1/16</td>
<td>13'-1/4</td>
<td>3-3/8</td>
<td>2-3/8</td>
</tr>
</tbody>
</table>

*All dimensions are inches (millimeters) unless otherwise specified and may vary with options or accessories.*

IBZ_X54
Page 1 of 4
**IBZ** Fluorescent High Bay, T5HO

### Ordering Information
Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** IBZ 454L

<table>
<thead>
<tr>
<th>IBZ</th>
<th>Lamp type</th>
<th>Distribution</th>
<th>Shielding</th>
<th>Voltage</th>
<th>Ballast configuration</th>
<th>Ballast</th>
</tr>
</thead>
<tbody>
<tr>
<td>454L</td>
<td>4-lamp 5W T5HO</td>
<td>(blank) Narrow distribution, ≤5% uplight</td>
<td>No shielding</td>
<td>(blank)</td>
<td>MVOLT: 120-277V</td>
<td>ACRP</td>
</tr>
<tr>
<td>654L</td>
<td>6-lamp 5W T5HO</td>
<td>(blank) Narrow distribution, enhanced upright, ≤13% uplight</td>
<td>A12125 Pattern 12 acrylic, 0.125&quot;</td>
<td>4-lamp = (1) 4-lamp ballast, 6-lamp = (1) 6-lamp ballast</td>
<td>Standard configuration</td>
<td>Cool running Plus T5 electronic, 1.0 BE, programmed rapid start</td>
</tr>
<tr>
<td>854L</td>
<td>8-lamp 5W T5HO</td>
<td>WO Wide distribution, ≤5% uplight</td>
<td>ACL Clear acrylic, 0.125&quot;</td>
<td>6-lamp = (1) 6-lamp ballast</td>
<td></td>
<td>GEB10FS90 T5 electronic, 1.0 BE, programmed rapid start</td>
</tr>
</tbody>
</table>

#### Lamp color
- (blank): F5T5XHO/R41
- LP335: F5T5XHO/R35
- LP530: F5T5XHO/R50
- Amalgam lamps: F5T5XHO/R41
- LP41A: F5T5XHO/R41
- LP335A: F5T5XHO/R35
- LP530A: F5T5XHO/R50
- Energy-saving 4W lamps: F5T5XHO/R41
- F84154: F5T5XHO/R41
- F83549: F5T5XHO/R35
- F85049: F5T5XHO/R50

#### Options
- GL: Internal fast-blow fuse
- GMF: Internal slow-blow fuse
- EL1: Emergency battery pack
- EL1/50D: Emergency battery pack w/ self-diagnosis
- IN62: 1250 lumens per lamp battery
- OCU1CR: Wiring leads pulled through back center of fixture
- OCS: RELOC® OnePass® 5" installed
- IMP: Integrated modular plug
- FSP: Integral full side panels
- NTR83IK: Chain hanger (pair)
- NTR836IC: Chain hanger with 36" chain (pair)

#### Accessories: Order as separate catalog number.

**Mounting:**
- IBAC/20 M20: Aircraft cable 10" with hook (one pair)
- IBAC/20 M20: Aircraft cable 20" with hook (one pair)
- I81MP: Hook monopoint
- I824VH: Aircraft 10"V hanger (one pair)
- I827PC: Tandem coupler and side panel
- I829MP: Pendant monopoint splice box, includes side covers
- I829MPF9: Pendant monopoint splice box, includes side covers (24" hub)
- NTR836: Chain hanger, 36" (one pair)
- NTR83M8: Surface-mount bracket (one pair)

**Field-installable door and lens assemblies:**
- DUBL24 A12125: 4-lamp pattern 12 acrylic lens, 0.125" x 36.4" x 36.4"
- DUBL24 A12125: 4-lamp pattern 12 acrylic lens, 0.125" x 36.4" x 36.4"
- DUBL24 A12125: 4-lamp pattern 12 acrylic lens, 0.125" x 36.4" x 36.4"
- DUBL24 A12125: 4-lamp pattern 12 acrylic lens, 0.125" x 36.4" x 36.4"

**Card sets:**
- CSW: Straight plug, 120V 4W
- CSW: Straight plug, 277V 4W
- CSW: Straight plug, 120V 4W
- CSW: Straight plug, 277V 4W

**Motion sensors:**
- LCZU: Aisle motion sensor, pre-wired
- LCZU: Aisle motion sensor, pre-wired, programmable
- LCZU: Aisle motion sensor, pre-wired, programmable
- LCZU: Aisle motion sensor, pre-wired, programmable

**Wireguards:**
- WGX: External wireguard installed
- 2WGX: External wireguard installed on bottom of fixture

**Card sets for IMP option:**
- CSW1IMP: Straight plug, 120V 4W
- CSW1IMP: Straight plug, 277V 4W

**Wireguards:**
- WGB214: Standard 4-lamp wireguard
- WGB219: Standard 6-lamp wireguard
- WGB224: Standard 8-lamp wireguard

Notes:
1. Lamps installed in F5T5XHO/R41 unless otherwise specified.
2. S/S5% warranty with open fixtures only.
3. Not available with MS360 option.
4. For wireguard in door frame, add "WG" to size label. Ex: A12125WG
5. Nonstandard configurations may require factory-installed BACKPACK®. Consult factory.
6. Certain ballasts may require a BACKPACK® installed by the factory in order to accommodate the size of the ballast. Use the BACKPACK® with this field installable. May only be surface mounted using IB829MP or IB829MPF. Not available with pendant mount using IB29MP or IB29MPF. Not available with IMP.
7. Not for use with motion sensors.
8. Specify voltage. Consult factory for Canadian applications.
9. Not available with 347 voltage.
10. Battery options require a BACKPACK® installed by the factory in order to accommodate the size of the battery. Use the BACKPACK® with this field installable. May only be surface mounted using IB829MP. Not available with pendant mount using IB29MP or IB29MPF. Not available with IMP.
11. Certified to UL1598 (approx. 1100 lumens at 25°C when using 4W lamps, and 911 lumens at 45°C, Single-lamp operation only. 120 or 277 voltage only.
12. Max 2500 lumens when used with 5WHTs and caps up to 55°C ambient temperature (120 or 277 voltage only).
13. Must be factory-installed. Not available on T5B 16-lamp configurations. Must have "IMP" power cord to power fixture.
14. All cord sets are 3/8", 6 white.
15. Cord sets are voltage specific. Specify voltage. Other configurations available. Consult factory.
16. One wireguard shipped as separate line item for top installment in field. Not available with IB829MP.
17. Specify voltage
18. Other configurations available, see page four for additional options
19. NTR836 options utilize NTR760 and a N100 device, CAT5e connector cable also included. Available 120 or 277V only.
20. NTR836 options utilize NTR516 and a CAT5e cable also included. Available 120 or 277V only.
21. NTR836 options utilize NTR829 and a CAT5e cable also included. Available 120 or 277V only.
22. When ordering IB829MP, two-ballasts configurations are recommended. Ex: 2/2. Not available with tandem units.
23. Not available with any battery pack.
24. Not available with MS360 or MS360B.
25. Must have "IMP" power cord to power fixture.
**LSXR - Fixture Mount Sensor** (see www.sensorswitch.com for additional information)

- Four interchangeable lenses.
- Integrated mounting bracket drops lens down 3" from chase nipple.
- Single or dual relay versions — designed with robust protection from the harsh switching requirements of TS and LED loads.
- Photocell and 0-10VDC dimming options.
- No PIR field calibration or sensitivity adjustments required.

<table>
<thead>
<tr>
<th>LSXR configuration</th>
<th>Comparable CMRB sensor</th>
<th>Old style sensor nomenclature</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCOZU</td>
<td>CMRB 50</td>
<td>MSI</td>
</tr>
<tr>
<td>LCHO5ZU</td>
<td>CMRB 50 D</td>
<td>MSID</td>
</tr>
<tr>
<td>LCFZU</td>
<td>CMRB 50 P</td>
<td>MS1PED</td>
</tr>
<tr>
<td>LAGZU</td>
<td>CMRB 6</td>
<td>MS360</td>
</tr>
<tr>
<td>LAHO5ZU</td>
<td>CMRB 6 D</td>
<td>MS360D</td>
</tr>
<tr>
<td>LAFZU</td>
<td>CMRB 6 P</td>
<td>MS360PED</td>
</tr>
</tbody>
</table>

**SELECTIONS BELOW WILL EXTEND ORDER LEAD TIME. CONSULT YOUR SALES REPRESENTATIVE FOR DETAILS.**

**SINGLE RELAY**

**ORDERING INFORMATION** Lead times will vary depending on options selected. Consult with your sales representative.

<table>
<thead>
<tr>
<th>Series</th>
<th>Lens option</th>
<th>Lens option</th>
<th>Dimming/Photocell</th>
<th>Max. dim level</th>
<th>Min. dim level</th>
<th>Temp/Humidity</th>
<th>Default time delay</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>LSXR passive infrared indoor occupancy sensor</td>
<td>A High mount, 360°</td>
<td>Dimming</td>
<td>0  10 VDC</td>
<td>5 Minimum dimming level of ballast</td>
<td>Z None</td>
<td>I 30 seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B Low mount, 360°</td>
<td>Photocell</td>
<td>9* 9 VDC</td>
<td></td>
<td>T Low temperature</td>
<td>D 2.5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C High mount aisleway</td>
<td>Switching photocell/0V/120V</td>
<td>8 8 VDC</td>
<td></td>
<td></td>
<td>X 5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Switching photocell</td>
<td>7 7 VDC</td>
<td></td>
<td></td>
<td>R 7.5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dimming and switching photocell</td>
<td>6 6 VDC</td>
<td></td>
<td></td>
<td>U 10 minutes (with minimum 15 minutes on time)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dimming and switching photocell with high/low occupancy operation</td>
<td>5 5 VDC</td>
<td></td>
<td></td>
<td>V 15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 4 VDC</td>
<td></td>
<td></td>
<td>W 20 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3 3 VDC</td>
<td></td>
<td></td>
<td>Y 30 minutes</td>
</tr>
</tbody>
</table>

**DUAL RELAY (Available with 120, 277, and 347V only)**

**ORDERING INFORMATION** Lead times will vary depending on options selected. Consult with your sales representative.

<table>
<thead>
<tr>
<th>Series</th>
<th>Lens option</th>
<th>Lens option</th>
<th>Poles</th>
<th>Operating mode</th>
<th>Temp/Humidity</th>
<th>Default time delay</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>LSXR passive infrared indoor occupancy sensor</td>
<td>A High mount, 360°</td>
<td>2 Dual relay</td>
<td>J None</td>
<td>Z None</td>
<td>I 30 seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B Low mount, 360°</td>
<td></td>
<td>K Alternating off relays (promotes even lamp wear)</td>
<td>T Low temperature</td>
<td>D 2.5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C High mount aisleway</td>
<td></td>
<td>Q Alternating off relays w/photocell</td>
<td></td>
<td>X 5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>P Switching photocell(on/off)</td>
<td></td>
<td>R 7.5 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E Photocell on/off (pole 1 only)</td>
<td></td>
<td>U 10 minutes (with minimum 15 minutes on time)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F Photocell on/off - both poles (dual set-point)</td>
<td></td>
<td>V 15 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>W 20 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Y 30 minutes</td>
</tr>
</tbody>
</table>

**Example: LENS 50 J100**

**Replacement lenses:** Order as separate catalog number.

<table>
<thead>
<tr>
<th>Series</th>
<th>Lens type</th>
<th>Package quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>High mount 360°</td>
<td>U Unit</td>
</tr>
<tr>
<td>10</td>
<td>Low mount 360°</td>
<td>J10 10-pack</td>
</tr>
<tr>
<td>50</td>
<td>High mount aisleway</td>
<td>J100 100-pack</td>
</tr>
</tbody>
</table>

**Notes**
1 Dimming level fields not required when this option is chosen.
OPTIONS AND ACCESSORIES
The IBZ fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

INTEGRATED MODULAR PLUG (IMP)
Must be factory-installed and allows for field installation of various modular accessories including cordsets, motion sensors, photocells and LC&O XPoint™ relays. Requires IMP cordset for operation.

Order as:
IMP

IBZ BACKPACK™
Electrical box must be factory-installed to house additional components such as emergency ballasts, step-down transformers and dimming ballasts. Extended brackets allow air flow for increased heat management of all components.

Factory-installed.

V-SHAPED WIRE GUARD (external)
Flex on impact to absorb shock, reducing damage to the fixture assemblies. Wire guards can be mounted on top and bottom of fixtures to provide full protection.

Factory-installed option:
WGX
2WGX

Field-installed option:
WGBZ14
WGBZ19
WGBZ24

TANDEM CAPABILITY
Supports applications requiring high luminance and high mounting heights. The 8' tandem option is factory-assembled with continuous steel side panels and tensioning couplers. Tandem kits are also available for field installation.

Factory-installed option:
TIBZ

Field-installed option:
IB2TFC

PENDANT MONOPOINT BRACKET
Accepts 3/4” rigid conduit for single-point mounting. The bracket can be adjusted to help counterbalance fixture to offset set weight variance from end to end.

Order as:
IBZPMP
IBZPMHPB