ADVANCED HIGH CEILING
Rev 8 Prime - New Construction

IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS

Step 1
Mark the intended location of the luminaire and cut an 8 1/4” diameter opening in the ceiling.

Step 2
Install HANDLEBAR for fixture and separate REFLECTOR from fixture.

Step 3
Install fixture using universal mounting bracket with slots for C-Channel (by others), bar hanger (by others) and 1/2” EMT (by others). Secure to joist or grid using hardware or wire. Adjust height as needed.

Step 4
Make power connections. See Circuit Diagram below.

Step 5
Connect safety wire and push reflector into frame ensuring the trim is flush to the ceiling.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.
Wiring Diagram  
0-10V/Superior0-10V

DMX

LTE

Compatible LTE Dimmer List

<table>
<thead>
<tr>
<th>LUTRON PART NO.</th>
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<tbody>
<tr>
<td>MRF2-6ND-120</td>
<td>HQRD-6NA</td>
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<tr>
<td>RRD-6NA</td>
<td>HQRD-6ND</td>
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<tr>
<td>RRD-10ND</td>
<td>SZ-6ND</td>
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<tr>
<td>HQRD-10ND</td>
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*METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
DMX/RDM is a robust and reliable system for lighting control. However, if not implemented correctly, problems can arise such as random flashing of lights, erratic operation and delays in responding to commands. This document explains the best practices in DMX wiring.

**Important things to consider are:**

1. DMX is a three-wire system. Use all three!
2. DMX is based on the EIA-485/RS-485 standard.
3. Always use cable specifically designed for DMX / RS-485. These cables have an impedance of 120Ω and a low capacitance. For instance: Belden 9841 or 3105a.
4. DMX must be terminated with a 120Ω resistor to prevent reflections.
5. A daisy chain topology should be used.
6. After 32 unit loads a repeater/booster should be used.
   (Important: For tunable white fixtures, After “32” unit loads a repeater/booster should be used.)
7. Keep cabling below 200 meters between the controller and the last driver.
8. It is generally considered good practice to provide separate DMX in and DMX out / DMX thru connections to your fixture to aid in installation. This can be in the form of pigtails, RJ-45 connectors or 5-pin XLR connectors.
9. Use twisted pair cables with an impedance of 120Ω and a low capacitance.
10. UTP Cat5 or Cat6 network cable can also be used but have a slightly lower impedance of 100Ω.
11. If shielded cable is used, only connect shield to ground on one side (typically, the controller should have its shield terminal connected to ground).
12. Not following the above recommendations may seem to work at first, but can cause problems. Sometimes after weeks of seemingly normal operation.