36° Pendant Light

**ELECTRICAL**
ETL listed with Universal AC input 100 to 277 V, 50/60 Hz. Limited inrush current allows up to twelve fixtures on a 20 Amp circuit. Quiescent power is less than a Watt with fixture powered on and DMX at level zero. The LED driver has a 320,000 hour mean time between failures.

**DIMMING CONTROL**
Extremely smooth DMX controlled dimming all the way to zero output level. Single channel DMX controlled, with up to 16.7 million interpolated steps from off to full intensity. 30,000 Hz output produces no flicker to the eye or video with either line scan or global shutter cameras. DMX input is fully isolated to 2500 Volts per microsecond. Three easy-to-use rotary switches for setting the DMX address.

**LED MODULE**
The 60 individual Cree LEDs are carefully selected to maintain minimal color variance from fixture to fixture. Pleasing full spectrum light with all the visible colors represented. All LED modules and dimmers are manufactured at The Light Source in Charlotte, NC. Extensive production testing ensures over 105,000 hour life to L70. No appreciable IR or UV is produced by the LED module. The LED Module is field replaceable utilizing normal hand tools.

**OPTICAL**
Single source LED emulates the look and feel of an incandescent fixture. 6’ diameter tempered borosilicate glass Fresnel lens produces an extremely smooth light beam. The beam center intensity value spreads evenly to the edge of the beam with a small field, producing low glare.

**THERMAL**
Incredible thermal management keeps the LEDs cool, providing increased brightness and Lumen maintenance. Maximum heat exchange provided with a huge passive convection-cooled aluminum heat sink. Silent operation with no fans to generate noise. Maximum ambient operating temperature is 122 degrees F (50 degrees C).

**WARRANTY**
10 year parts replacement on complete LED fixture and electronics. Ship the LED fixture to the factory freight prepaid. The LED fixture will be repaired or replaced at the factory’s option, and returned freight prepaid. Fixture repair parts may also be sent for qualified repairs onsite. Damage from improper wiring, installation, and lightning are excluded from warranty repair.

**AGENCY RATINGS**
ETL listed in US and Canada

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**Catalog Number Example:** HL100B36-30PXM

<table>
<thead>
<tr>
<th>FIXTURE SERIES</th>
<th>INPUT WATTAGE</th>
<th>FINISH</th>
<th>OPTICAL BEAM ANGLE</th>
<th>LED COLOR TEMPERATURE</th>
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</thead>
<tbody>
<tr>
<td>HL Pendant</td>
<td>100</td>
<td>B Black Anodized</td>
<td>78 78° 6° Fresnel lens</td>
<td>27K 2700 Kelvin</td>
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<td>120</td>
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<td>65 65° 6° Fresnel lens</td>
<td>30K 3000 Kelvin</td>
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<td>150</td>
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<td>35K 3500 Kelvin</td>
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<td>44 44° 6° Fresnel lens</td>
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<td>36 36° 6° Fresnel lens</td>
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<td>25 25° 6° Fresnel lens</td>
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<td>20 20° 6° Fresnel lens</td>
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</table>

**POWER CONNECTION**
C Conduit into Fixture 100-277V  D DivCon System  
D DivCon System 100-277V  I IDC Plug on Header  
P Panel Mount Powercon 100-250V  J External RJ-45's  
R 1/2” Romex Cable Clamp 100-277V  K Screw Terminal Plug on Header  
W 18/3 SJO 72” Wire Whip 100-277V  W Wireless Lumen Radio Control  
X External 5 Pin XLR’s  
Z External 3 Pin XLR’s  

**DATA CONNECTION**
C 1/2” Rigid Conduit  
D DivCon System  
P Panel Mount Powercon 100-250V  
R 1/2” Romex Cable Clamp 100-277V  
W Wireless Lumen Radio Control  
X External 5 Pin XLR’s  
Z External 3 Pin XLR’s  

**FIXTURE SUPPORT METHOD**
C 1/2” Rigid Conduit  
D DivCon System  
P Panel Mount Powercon 100-250V  
R 1/2” Romex Cable Clamp 100-277V  
W Wireless Lumen Radio Control  
X External 5 Pin XLR’s  
Z External 3 Pin XLR’s  

**LED Module**
C 1/2” Rigid Conduit  
D DivCon System  
P Panel Mount Powercon 100-250V  
R 1/2” Romex Cable Clamp 100-277V  
W Wireless Lumen Radio Control  
X External 5 Pin XLR’s  
Z External 3 Pin XLR’s  

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