LINEA LED Specification

The simple linear form of LINEA combined with LED illumination provides a synergy of form and function. High-power LEDs provide a wide asymmetric distribution while generating no light above ninety degrees horizontal. Bollard housing and shaft are single-piece and finished in finely textured paint. All hardware is stainless steel.

<table>
<thead>
<tr>
<th>Model</th>
<th>Lamp</th>
<th>Color Temperature</th>
<th>Volt</th>
<th>Mounting</th>
<th>Pole</th>
<th>Finish</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>LN950</td>
<td>LED - Standard output</td>
<td>WW - 3000K</td>
<td>UNV - 120-277V</td>
<td>A - Single Mount</td>
<td>03SRA - 3' Straight Rectangular Aluminum</td>
<td>SG - Silver Grey</td>
<td>DIM - 0-10vDC Dimming</td>
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<td></td>
<td>HP/LED - High output NW - 4000K</td>
<td></td>
<td></td>
<td>B - Twin Mount</td>
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<td>DG - Dark Grey</td>
<td>EF - External Flange</td>
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<td>GG - Graphite Grey</td>
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<td>N - None</td>
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<tr>
<td></td>
<td>BLK - Matte Black</td>
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<td></td>
<td>BRZ - Dark Bronze</td>
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<td></td>
<td>CC - Custom Color</td>
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</tbody>
</table>

Ordering Information

| LN950 | UNV | D | 03SRA |

Specifications are subject to change without notification

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HOUSING
Single piece bollard consists of one or two integral luminaire heads and shaft fabricated from rectangular 6061 aluminum alloy with radiussed corners. Nominal wall thickness is 0.187" with cross-section of 7.5" x 3.5". LED light engine and driver are housed in self contained weather-proof powerpack enclosure within the bollard and removable with a single fastener. Lens is clear impact-resistant acrylic. LED array is thermally managed using convection and transmission of heat through the use of an aluminum heat sink and the luminaire housing. All hardware is stainless steel.

OPTICS
Each LED light engine consists of five high output multi-chip LED arrays fitted with prismatic lens optics to produce a uniform asymmetric light distribution pattern suitable for pathways and sidewalks. Luminaire emits zero uplight at or above 90 degrees horizontal and qualifies for use in LEED zones LZ1, LZ2, LZ3, and LZ4. Color temperature may be 3000K or 4000K.

ELECTRICAL
Standard output: Integral LED driver is housed in luminaire head. Each luminaire head consumes 16 watts at 350 mA. Twin mount bollard with two heads consumes 32 watts. Input voltage range is 120v - 277v AC, 50-60 Hz. LED driver shall be UL recognized.

High output: Integral LED driver is housed in luminaire head. Each luminaire head consumes 33 watts at 700 mA. Twin mount bollard with two heads consumes 66 watts. Input voltage range is 120v - 277v AC, 50-60 Hz. LED driver shall be UL recognized.

LED DELIVERED LUMENS / BUG RATING Per Luminaire Head
Standard Output:
3000K - 568 delivered lumens / Bo-Uo-G1
4000K - 659 delivered lumens / Bo-Uo-G1

High Output:
3000K - 1061 delivered lumens / Bo-Uo-G2
4000K - 1216 delivered lumens / Bo-Uo-G2

NOTE : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

MOUNTING
Flangeless mounting is standard. Optional external flange mounting available on request.

WEIGHT: 20lbs

FINISH
Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

CERTIFICATION
CSA/US Certified for Wet Locations

WARRANTY
Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.
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