

HOLTKÖTTER INTERNATIONAL, INC.

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These low-voltage LED wall sconces come fully assembled and ready for installation.

IT IS FIRMLY RECOMMENDED THAT A LICENSED ELECTRICIAN INSTALL THIS FIXTURE.

General Installation Instructions

1. Disconnect power before servicing.
2. Remove the universal crossbar strap from the back of the sconce.
3. Mount the universal crossbar strap to the outlet box before making the wire connections.
4. Connect the wires from the sconce with the wires in the outlet box according to generally accepted electrical standards.
5. Mount the backplate of the sconce to the crossbar strap and secure with finished screws.



Detail of LED Reflector

Technical Specifications

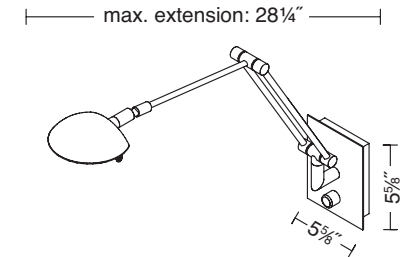
Light Engine:	Holtkötter PC Board LED 11-8 with 8x CREE XP-G LEDs
Optic / Reflector:	Holtkötter Aluminum Reflector \varnothing 134x100 with 60° x 5mm Optics
Light Output:	1120 Lumens equivalent to 80 W Halogen
Light Color:	2900 Kelvin
Control/LED Driver/Dimmer:	Holtkötter LED Dimmer with full-range dimming of < 1% - 100%
Maximum Current/Voltage:	1000mA & 18V
System Power Consumption:	2...12 Watt

Care Instructions

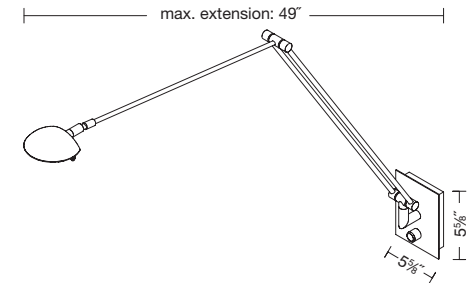
Use only a soft, dry cloth to clean. If necessary, a slightly damp, soft cloth can be used to spot clean. Do not use common household cleaners on lamps or fixtures, as the lacquer on the outside of the brass may be damaged as a result.

Major lamp parts manufactured in Germany by Holtkötter Leuchten GmbH.
Bulbs manufactured in Germany by Osram GmbH.
Final assembly by Holtkötter International, Inc. in South St. Paul, MN.

ASSEMBLY INSTRUCTIONS FOR Bernie Series LED Wall Sconces No. 8193/8*LED & No. 8195/8*LED



8193/8*LED



8195/8*LED

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