

SLD surface LED downlight

Technical bulletin

HALO

Halo SLD Surface LED Downlight luminaires incorporate WaveStream™ LED technology to create an ultra-low profile, surface-mounting luminaire with the performance and look of traditional downlights. The SLD Series offers unparalleled design freedom with mainstream value.

The SLD4 and SLD6 luminaires are designed for installation in many 3-1/2" and 4" electrical junction boxes, and may be retrofitted in 4", 5", or 6" aperture IC and Non-IC recessed housings.



Junction Box Installation

Using the Slot-N-Lock quick installation system, the SLD can be installed into many 3-1/2" and 4" square, octagon, and round electrical junction boxes. Slot-N-Lock bracket included.

Recessed Housing Installation

Friction blades allow for installation into 4", 5" or 6" recessed housings without torsion spring mounting tabs. Torsion springs allow for installation into 5" or 6" recessed housings with torsion spring mounting tabs.

Dimming

Dimmable to 5% with many 120V leading-edge and trailing-edge phase control dimmers. Universal voltage also dimmable to 10% with many 0-10V DC low voltage dimmers.

Construction

- 4" and 6" ultra-low profile surface mounting
- Die cast aluminum trim ring and die formed aluminum frame
- Plug-in LED connector for easy installation
 - Supply wire adapter connection for junction box wiring
 - Screwbase adapter for recessed housing retrofit

Code Compliance

- cULus Listed for Halo housings
- UL Classified for other housings
- Damp Location Listed for walls
- Wet Location Listed for showers and outdoor protected ceilings

Warranty

- Five-year warranty

Stock Ordering Information

SLD4 Series

Model Number	Description	Lumens	Wattage	Voltage
SLD405827WH	4" Surface LED Downlight, 80 CRI, 2700K	720	12.2W	120V, 50/60 Hz
SLD405830WH	4" Surface LED Downlight, 80 CRI, 3000K	750	12.2W	120V, 50/60 Hz
SLD405835WH	4" Surface LED Downlight, 80 CRI, 3500K	780	12.2W	120V, 50/60 Hz
SLD405840WH	4" Surface LED Downlight, 80 CRI, 4000K	800	12.2W	120V, 50/60 Hz
SLD405927WH	4" Surface LED Downlight, 90 CRI, 2700K	650	12W	120V, 50/60 Hz
SLD405930WH	4" Surface LED Downlight, 90 CRI, 3000K	670	12W	120V, 50/60 Hz
SLD405935WH	4" Surface LED Downlight, 90 CRI, 3500K	690	12W	120V, 50/60 Hz
SLD405940WH	4" Surface LED Downlight, 90 CRI, 4000K	710	12W	120V, 50/60 Hz

SLD4 Series - J-box Only Kits

Model Number	Description	Lumens	Wattage	Voltage
SLD405827WHJB	4" Surface LED Downlight, J-box kit, 80 CRI, 2700K	720	12.2W	120V, 50/60 Hz
SLD405830WHJB	4" Surface LED Downlight, J-box kit, 80 CRI, 3000K	750	12.2W	120V, 50/60 Hz
SLD405835WHJB	4" Surface LED Downlight, J-box kit, 80 CRI, 3500K	780	12.2W	120V, 50/60 Hz
SLD405840WHJB	4" Surface LED Downlight, J-box kit, 80 CRI, 4000K	800	12.2W	120V, 50/60 Hz
SLD405927WHJB	4" Surface LED Downlight, J-box kit, 90 CRI, 2700K	650	12W	120V, 50/60 Hz
SLD405930WHJB	4" Surface LED Downlight, J-box kit, 90 CRI, 3000K	670	12W	120V, 50/60 Hz
SLD405935WHJB	4" Surface LED Downlight, J-box kit, 90 CRI, 3500K	690	12W	120V, 50/60 Hz
SLD405940WHJB	4" Surface LED Downlight, J-box kit, 90 CRI, 4000K	710	12W	120V, 50/60 Hz

continued



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Stock Ordering Information
SLD6 600 Series

Model Number	Description	Lumens	Wattage	Voltage
SLD606827WH	5"/6" Surface LED Downlight, 80 CRI, 2700K	727	12.2W	120V, 50/60 Hz
SLD606830WH	5"/6" Surface LED Downlight, 80 CRI, 3000K	760	12.2W	120V, 50/60 Hz
SLD606835WH	5"/6" Surface LED Downlight, 80 CRI, 3500K	780	12.2W	120V, 50/60 Hz
SLD606840WH	5"/6" Surface LED Downlight, 80 CRI, 4000K	800	12.2W	120V, 50/60 Hz
SLD606927WH	5"/6" Surface LED Downlight, 90 CRI, 2700K	710	13.2W	120V, 50/60 Hz
SLD606930WH	5"/6" Surface LED Downlight, 90 CRI, 3000K	735	13.2W	120V, 50/60 Hz
SLD606935WH	5"/6" Surface LED Downlight, 90 CRI, 3500K	760	13.2W	120V, 50/60 Hz
SLD606940WH	5"/6" Surface LED Downlight, 90 CRI, 4000K	780	13.2W	120V, 50/60 Hz

SLD6 600 Series - J-box Only Kits

Model Number	Description	Lumens	Wattage	Voltage
SLD606827WHJJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 2700K	727	12.2W	120V, 50/60 Hz
SLD606830WHJJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 3000K	760	12.2W	120V, 50/60 Hz
SLD606835WHJJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 3500K	780	12.2W	120V, 50/60 Hz
SLD606840WHJJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 4000K	800	12.2W	120V, 50/60 Hz
SLD606927WHJJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 2700K	710	13.2W	120V, 50/60 Hz
SLD606930WHJJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 3000K	735	13.2W	120V, 50/60 Hz
SLD606935WHJJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 3500K	760	13.2W	120V, 50/60 Hz
SLD606940WHJJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 4000K	780	13.2W	120V, 50/60 Hz

SLD6 1200 Series

Model Number	Description	Lumens	Wattage	Voltage
SLD612827WH	5"/6" Surface LED Downlight, 80 CRI, 2700K	1100	14.8W	120V, 50/60 Hz
SLD612830WH	5"/6" Surface LED Downlight, 80 CRI, 3000K	1150	14.8W	120V, 50/60 Hz
SLD612835WH	5"/6" Surface LED Downlight, 80 CRI, 3500K	1200	14.8W	120V, 50/60 Hz
SLD612840WH	5"/6" Surface LED Downlight, 80 CRI, 4000K	1215	14.8W	120V, 50/60 Hz
SLD612927WH	5"/6" Surface LED Downlight, 90 CRI, 2700K	880	14.8W	120V, 50/60 Hz
SLD612930WH	5"/6" Surface LED Downlight, 90 CRI, 3000K	925	14.8W	120V, 50/60 Hz
SLD612935WH	5"/6" Surface LED Downlight, 90 CRI, 3500K	965	14.8W	120V, 50/60 Hz
SLD612940WH	5"/6" Surface LED Downlight, 90 CRI, 4000K	1000	14.8W	120V, 50/60 Hz

SLD6 1200 Series - Universal Voltage, J-box Only Kits

Model Number	Description	Lumens	Wattage	Voltage
SLD612827WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 2700K	1100	14.8W	120V-277V, 50/60 Hz
SLD612830WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 3000K	1150	14.8W	120V-277V, 50/60 Hz
SLD612835WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 3500K	1200	14.8W	120V-277V, 50/60 Hz
SLD612840WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 80 CRI, 4000K	1215	14.8W	120V-277V, 50/60 Hz
SLD612927WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 2700K	880	14.8W	120V-277V, 50/60 Hz
SLD612930WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 3000K	925	14.8W	120V-277V, 50/60 Hz
SLD612935WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 3500K	965	14.8W	120V-277V, 50/60 Hz
SLD612940WHUNVJB	5"/6" Surface LED Downlight, J-box kit, 90 CRI, 4000K	1000	14.8W	120V-277V, 50/60 Hz

SLD4 Accessories

Model Number	Description
SLD4EXT	4" Surface LED J-Box Extender, 7.75" O.D.
SLD4RAD	4" SLD Round Surface J-Box Adapter, 6.15" O.D. (For 4-inch round or octagon junction boxes)
SLD4ACCKIT	4" Accessory Parts Replacement Kit (Screwbase adapter, torsion springs, friction blades)
SLD4BRKT	4" Junction Box Bracket & Screws

SLD6 Accessories

Model Number	Description
SLD6EXT	6" Surface LED J-Box Extender, 9.5" O.D.
SLD6RAD	6" SLD Round Surface J-Box Adapter, 7.92" O.D. (for 4-inch round or octagon junction boxes.)
SLD6SADPLT	6" SLD Square Surface J-Box Adapter Plate (For 4-inch square junction boxes, use with SLD6RAD.)
SLD6ACCKIT	6" Accessory Parts Replacement Kit (Screwbase adapter, torsion springs, friction blades)
SLD6BRKT	6" Junction Box Bracket & Screws


Designer Trims (order separately)

Stock Number	Description	Finishes		
SLD4TRM	4" Designer Trim for SLD4	SN = Satin Nickel	TBZ = Tuscan Bronze	WH = White (Paintable)
SLD6TRM	6" Designer Trim for SLD6			