

Date: _____ Customer: _____

Project: _____

Type: _____ Qty: _____



Down is designed for recessed use and is characterized by the deeper position of the light source in relation to the ceiling level. Down provides the feeling of light without the sight of light. In new construction or remodel installation, each luminaire has a choice of required and optional accessories that can be chosen depending on your project. Down is a square recessed spotlight system, able to respond to the highest qualitative and functional requirements of architectural lighting design.

Down 120 features a square aperture with flange, or in-Line for trimless install in drywall, and can be rotated up to 360° and tilted by 30° without compromising the recessed position of the lamp or the glare control. The luminaire can aim both at vertical and horizontal surfaces. Down 120 is equipped with a filter holder and anti-glare snoot. The internal gear can be handled from the room-side.

Down 120 is also available in a Wall-Wash optic for wide and even wall illumination.

Down 120 is standard with 0-10V or TRIAC phase dimming (other dimming options available).

Construction

Luminaire – Made from zamak die cast aluminum alloy.

Backbox – Made from sheet steel.

Finishes

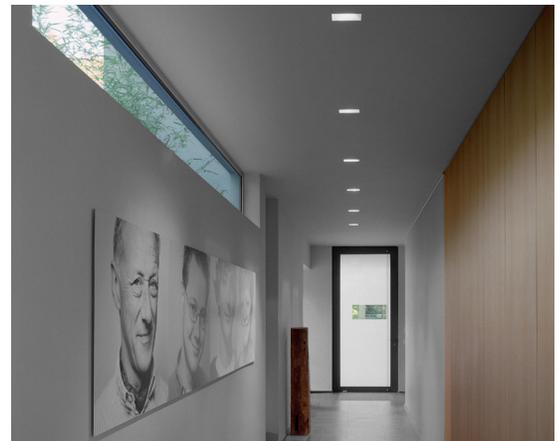
- White (RAL 9016)
- Black (RAL 9004)
- RAL color finish upon request

Mounting Options

Recess mounting in drywall, plaster, grid/ACT ceiling, or wood.

Classifications

All Down 120 products are rated for indoor use only, in either a dry or damp location unless using an IP44 rated louver. In case of IP44 rated louver, fixture may be installed in certain wet locations. Contact factory for more information.



Electrical Characteristics

LED Specification

Xicato Zhaga compliant LED module with Corrected Cold Phosphor Technology® (remote phosphor to limit color shift over time. Tight color consistency within 1x2 MacAdam Ellipses).

Full Color Tunable Options

Lumenix Araya 5 LED module - 5 color chip array to stabilize coloring across full spectrum, with all 1640-8000K whites occurring fully on black body curve, maintaining 95CRI or better. Tight color consistency with Max 2 SSD

LED Life

L80 greater than 50,000 hours.

Correlated Color

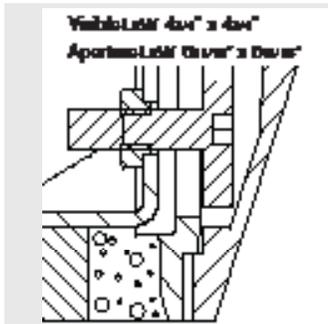
Temperature (CCT)

- Available in 2700K, 3000K, 3500K and 4000K Warm Dim range 1800K-3000K, tunable white range 1650K-8000K, and fully saturated color with color tuneable option.
- CRI 80+, 95+, 98+.

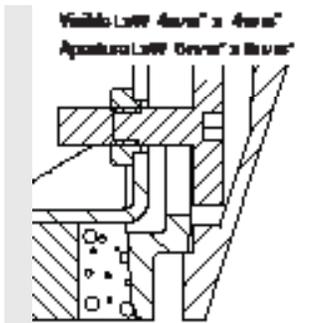
Gear

Down 120 is standard with TRIAC phase dim (120V only), or 0-10V dim (120-277V; for non-dimming applications cap off dimming wires independently). Optional dimming choices available for 1% or below dimming. See ordering codes for additional options.

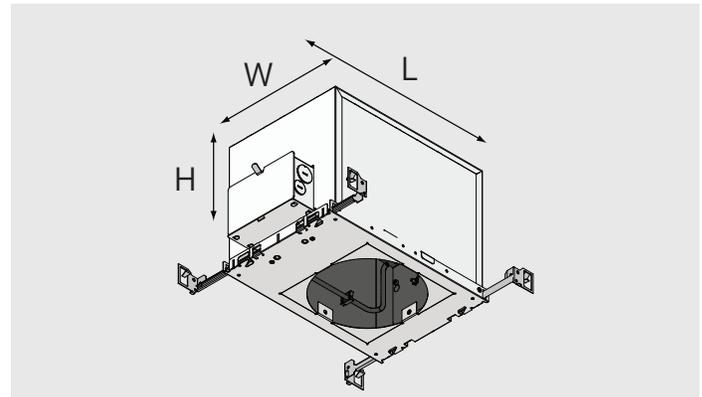
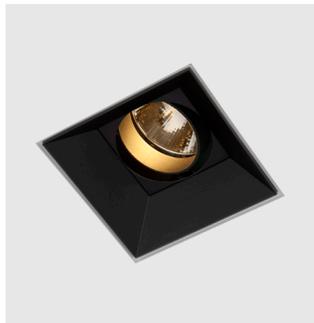
Mounting/Installation



Down 120 Installation Finish Flush

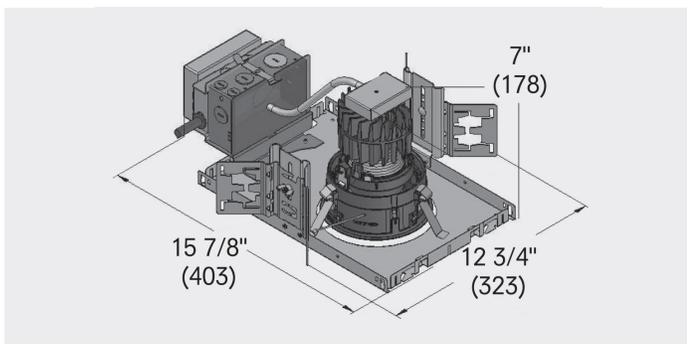


Down 120 in-Line with Shadowgap Installation Finish

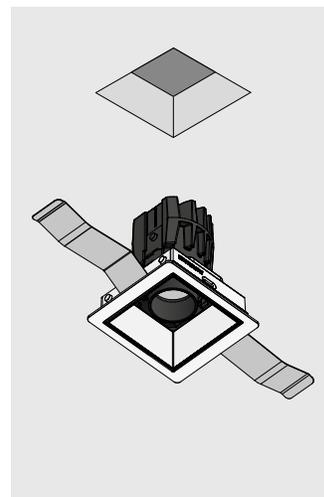


Directional or Fixed Modules	L	W*	H
Non-IC	14 5/8"	8 5/8"	8 5/8"
IC	14 5/8"	8 5/8"	8 7/8"
Airtight IC	16 7/8"	12"	8 1/2"
CCEA (Chicago Plenum)	16 7/8"	12"	8 1/2"
Butterfly brackets and hanger bars are included.			
*Width does not include butterfly brackets (if needed)			

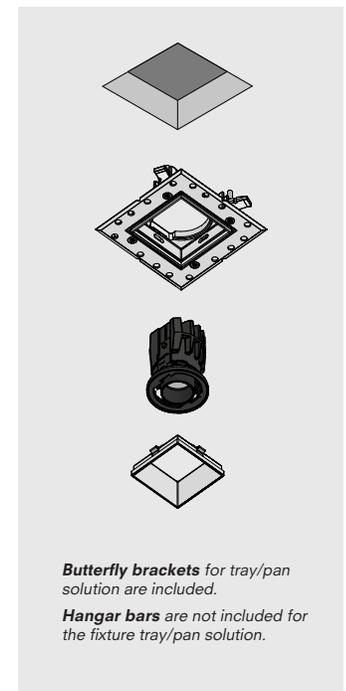
Down 120 Backbox Dimensions



"PN" back box option

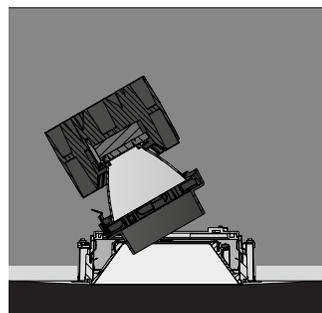
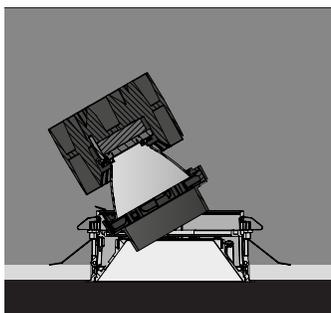


Construction
Schematic representation of assembly Down 120



Butterfly brackets for tray/pan solution are included.
Hanger bars are not included for the fixture tray/pan solution.

Construction
Schematic representation of assembly Down in-line 120: plasterkit + luminaire + louvre.



Installation: The mounting with the use of springs ensures a quick and easy installation



Down luminaires are ETL Listed for dry and damp locations.
Down luminaires lend support for LEED credits and certification.