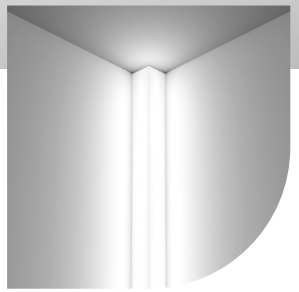
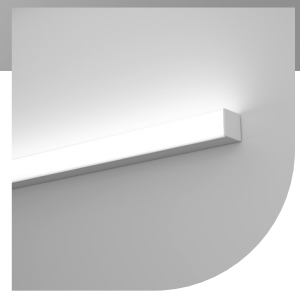
nook Installation Instructions

pinnacle architectural lighting









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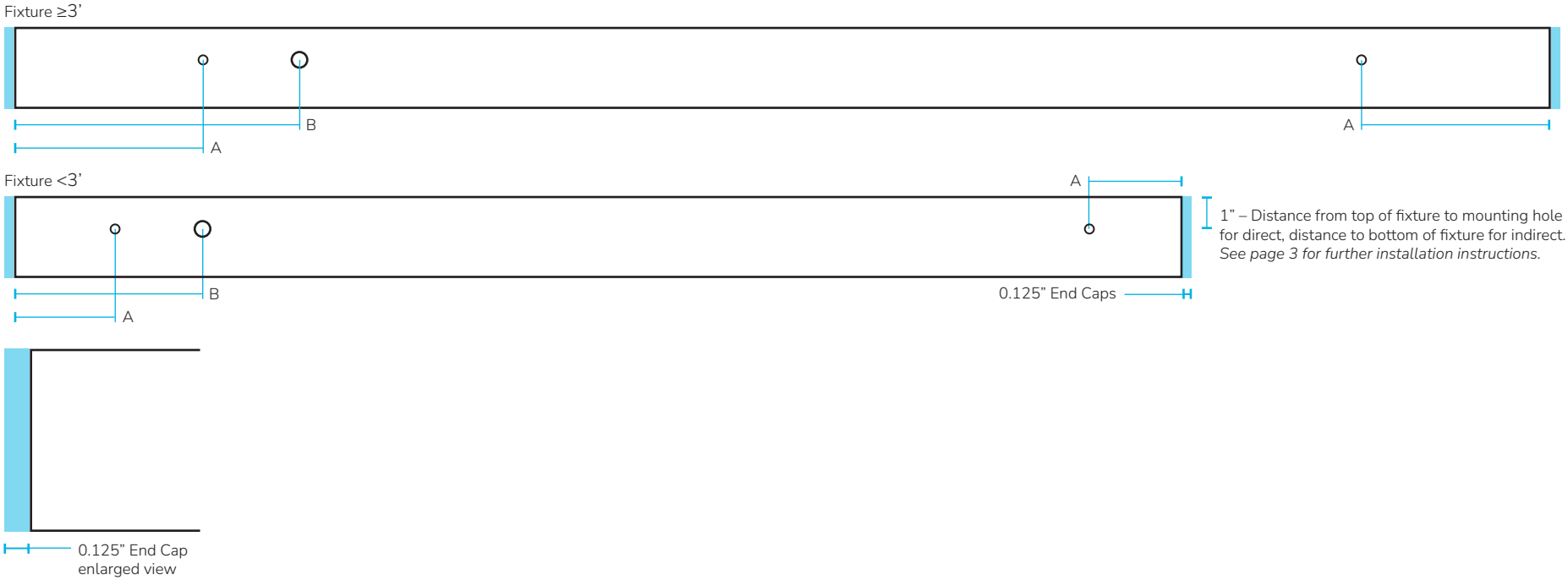
DISCLAIMERS | This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product. Minimum 90° C supply conductor. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes. Damaged components must never be used. Contact Pinnacle prior to making any fixture alterations. Contact Pinnacle with any installation questions or field issues.

nook Mounting + Feed

1 Mounting + Feed Locations

Small holes / A = mounting locations
Large holes / B = feed locations

Fixture	A	B
≥3’	6”	9”
<3’	3”	6”



2 Runs

For integral driver luminaires, power feed fixture(s) will be noted on submittal drawing. For remote driver luminaires, each fixture has a feed and remote box. Refer to table shown here for recommended remote driver distance guidelines based on wire gauge and wattage.

Remote Driver Distance Guidelines

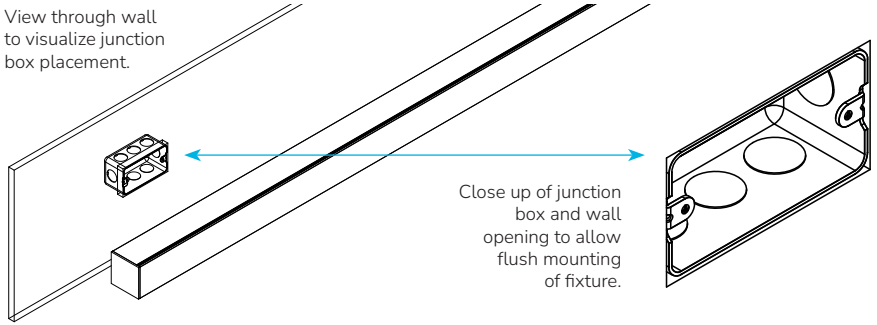
Wire Gauge	20w	30w	40w	50w	60w	70w	80w
18 AWG	125ft	91ft	71ft	59ft	48ft	42ft	36ft
16 AWG	200ft	143ft	111ft	91ft	71ft	63ft	56ft
14 AWG	333ft	250ft	167ft	143ft	125ft	100ft	91ft

To use this chart: 1) Determine total fixture eattage (w/ft multiplied by housing length, treating direct and indirect separate) 2) divide this number by remote drivers per housing 3) find approximate max distance guideline above. The chart applie to drivers in general table above except lutron.

nook Power + Installation

1 Power

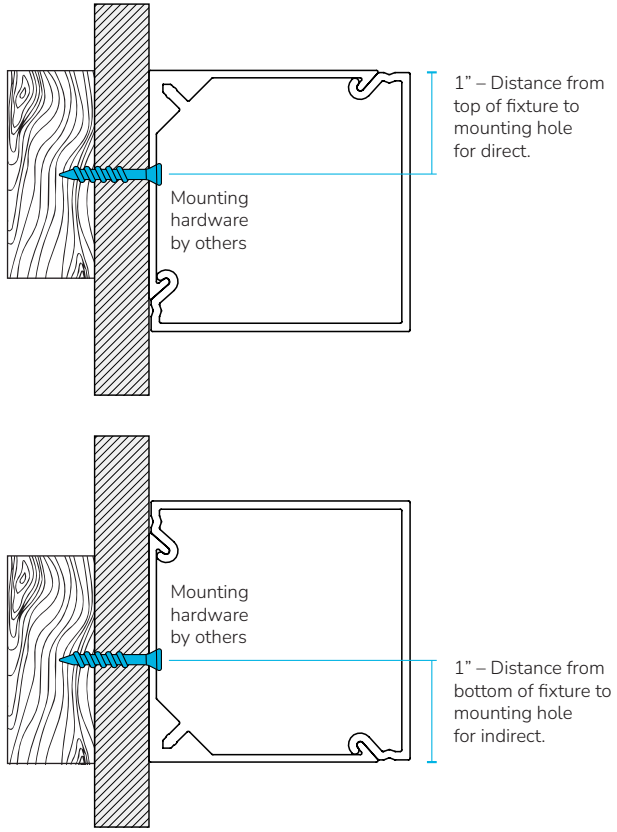
Figure below shows a fixture mounted over single-gang junction box. Ensure junction box is flush with fixture. Installed by a professional licensed electrician. Installer to provide means for connecting between the fixture and J-box with conduit flex whip and means for covering the J-box. Installers to follow NEC code.



2 Installation

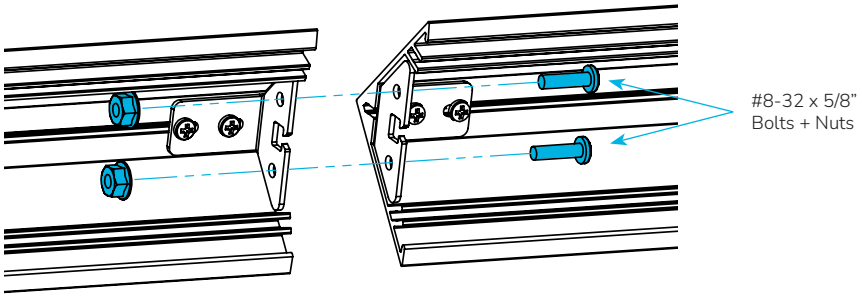
Prepare structure for mounting locations. Lay out junction boxes at power feed locations. Remove lens and reflectors. Feed power to the junction box and make electrical connections. Fasten fixture to structure with hardware, by others, using two mounting holes. Replace driver and lens.

See page 4 for further instructions on driver and lens replacement.



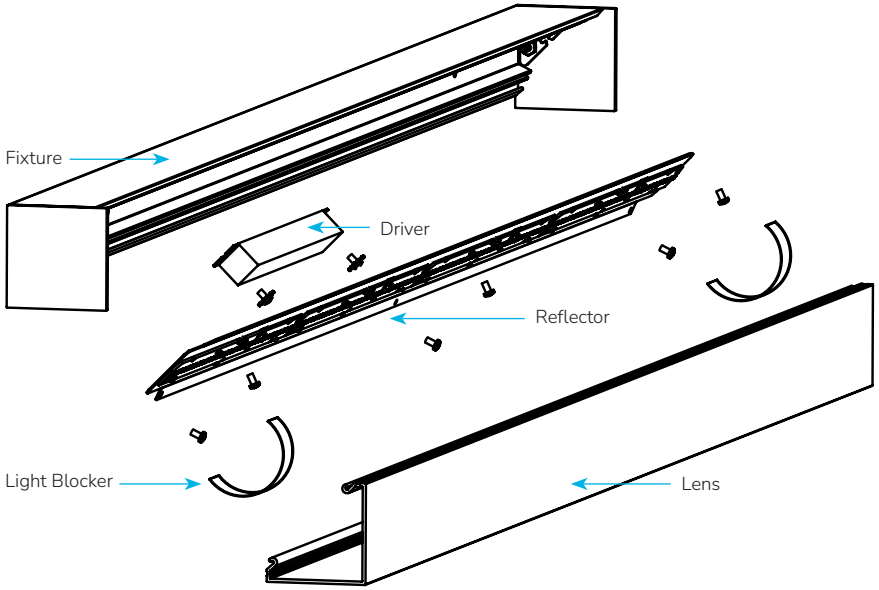
3 Joining

Install first fixture. While supporting the next fixture, make electrical connections to adjoining fixture or in junction box. While supporting the next fixture, align joining brackets and attach fixtures with two bolts and nuts (#8-32 x 5/8" bolts). Fasten the next fixture to the structure with hardware, by others, using two mounting holes. Continue on with the rest of the fixtures in the same fashion.



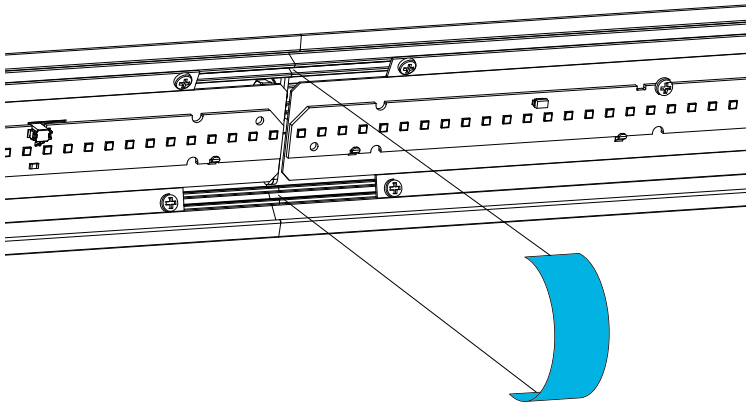
1 Lens, Driver, Reflector, + Light Blocker Replacement

Remove lens first by inserting a rigid object approx. 1/16” thick, such as a putty knife, into the edge between the lens and the fixture side about one inch from end. Gently pry lens away from fixture until it is released from the mounting groove. Once the section is released, start at that end of the fixture and pull the lens out of the fixture. Pinch light blockers to remove from reflector channel. Remove screws from reflector plate to remove reflector revealing driver. Remove driver screws and washers. Install new driver with screws and washers. Install reflector plate. Install light blockers. Install lens beginning at one end of the lens and squeeze sides to allow it to flex. Insert end of lens into place. Lens snaps into place when installed properly. Slowly insert rest of lens down the length of the fixture.



2 Light Blocker at Joints

For multiple run fixtures, light blockers may be positioned at joints. Remove in the same fashion as others. Pinch ends to both remove from reflector channel and to reinstall.

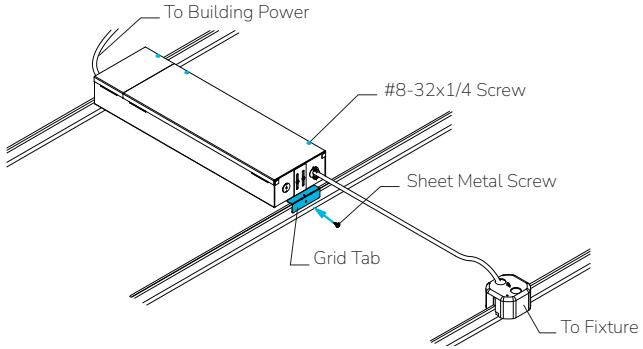


DISCLAIMERS | All of Pinnacle’s packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging ponents. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product. Minimum 90° C supply conductor. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes. Damaged components must never be used. Contact Pinnacle prior to making any fixture alterations. Contact Pinnacle with any installation questions or field issues.

nook Remote Box Details

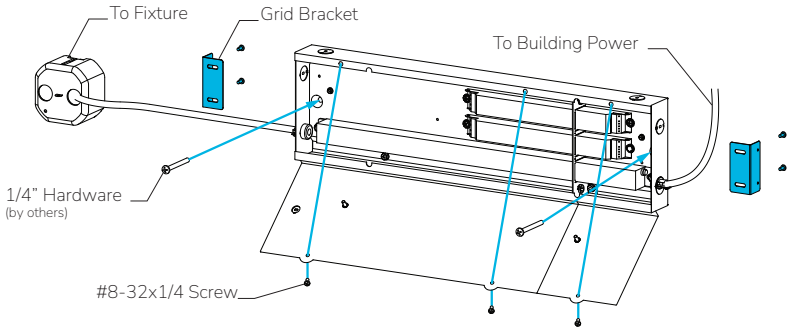
1 Standard Remote Box to Grid

Place Remote Driver Box onto grid and bend grid tabs over securing with #8 Sheet Metal Screw. To open remote box remove three #8-32x1/4 screws on top of box. Use 1/2” Trade Knock out on high voltage side to connect to building power. Use 2’ long Flexwhip to bring power to J-Box. Connect wires to corresponding fixture wires, or follow labels to determine corresponding fixture wires.



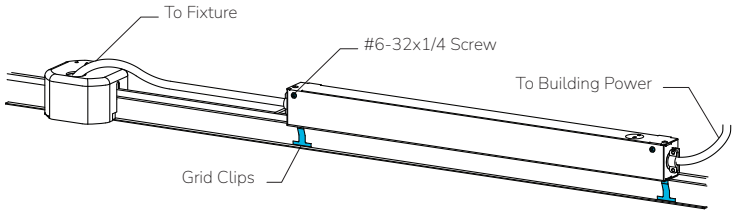
2 Standard Remote Box to Surface

Remove Grid Brackets on sides of Remote Driver Box. Open Remote Driver Box by removing three #8-32x1/4 screws on top of box. Install Remote Driver box to surface using 1/4” Mounting Hardware. Use 1/2” Trade Knock out on high voltage side to connect to building power. Use 2’ long Flexwhip to bring power to J-Box. Connect wires to corresponding fixture wires, or follow labels to determine corresponding fixture wires.



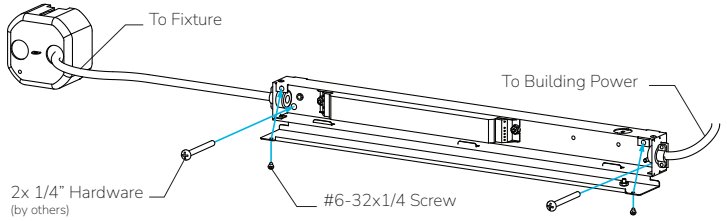
3 Slim Remote Box to Grid

Install slim remote driver box onto grid using pre-installed grid clips. To open remote box remove two #6-32x1/4 screws on top of box. Use 1/2” trade knockout on high voltage side to connect to building power. Use 2’ long Flexwhip to bring power to J-Box. Connect wires to corresponding fixture wires, or follow labels to determine corresponding fixture wires.



4 Slim Remote Box to Surface

Remove two grid brackets on back of remote driver box. Open remote driver box by removing two #6-32x1/4 screws on top of box. Install remote driver box to surface using 1/4” mounting hardware (by others). Using 1/2” trade knockout on high voltage side connect to building power. Use 2’ long Flexwhip to bring power to J-Box. Connect wires to corresponding fixture wires, or follow labels to determine corresponding fixture wires.



NOTES | For Dual Circuit Luminaires Use the Following Wiring Connections. Connect power supply output leads labeled “LOW VOLTAGE 1” to luminaire input leads labeled “LOW VOLTAGE 1.” Connect corresponding colors for positive and negative connections. Connect power supply output leads labeled “LOW VOLTAGE 2” to luminaire input leads labeled “LOW VOLTAGE 2.” Connect corresponding colors for positive and negative connections.