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# Kurat - Installation Instructions for remote power supply

Models KUR-XX-R

**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.
3. Use only with Class 2 power unit. *Utiliser seulement avec la classe 2 unite d'alimentation electrique.*



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1

**canopy detail**

1.1

**Note:** Prior to installation all 24VDC wires must be present in junction box. Refer to the power supply installation instruction for additional information.

**Note:** More than one person is recommended for this installation.

1.1 Align one standoff hub to the junction box & measure the distance from standoff hub to the other hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to sighting off center standoff hub.

2

2.2

2.3

2.1

**2.1** On the marked location(s), make a hole using a 13/64" drill bit.

**2.2** Insert the anchor into the hole and push completely in.

**2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

3

**Prior to installing fixture to power, coaxial cable must be prepared to go inside crossbar assembly. If this step is skipped coaxial cable metal sleeve will tangle up.**

1 - while holding the coaxial cable end.

2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.

3 - Cut off 1-1/2" of the wires.

4 - Pull forward the metal sleeve and twist to make a firmer single wire.

4

4.1

4.2

**Note:** Prior to wiring the desired fixture height must be determined to cut off any un-necessary wire.

**4.1** While one person is holding the fixture, the other person can slide the coaxial cable end through the clear o-rings, thumb nut, backplate & crossbar assembly.

**4.2** Peel back the coaxial cable to expose the power wires. Connect the red (24VDC+) & black (24VDC-) power supply wires to the fixture red & black wires.

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Models KUR-XX-R

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**5**

junction box

crossbar

#8-32 screw

backplate

**5.1** Insert the wire nut connections into the junction box & align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

**5.2** Slide the backplate up to the crossbar and secure by hand tightening the thumb nut into the crossbar.

**6**

aircraft cable

threaded post

cable stopper

standoff hub tab

aircraft cable

Kurat

clear film

**6.1** Untangle each aircraft cable and insert into the threaded post until the cable stopper.

**6.2** Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. *For the aircraft cable closest to the coaxial cable slide through the o-rings on the coaxial cable first.*

**6.3** Remove the clear protective film from the face of the lens.

**7**

cap

threaded post

standoff hub tab

aircraft cable

**7.1** Tighten each threaded post into a cap, one will be on the backplate and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure.

**7.2** Cut off any extra aircraft cable from the standoff hub hole.

**8**

coaxial cable

aircraft cable

o-ring

**8.1** If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock. .

1

**canopy detail**

standoff hub      measure

third standoff on fixtures over 48" long

**Note: More than one person is recommended for this install.**

**1.1** Determine length from the canopy to the standoff hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to slighting off center standoff hub.

2

hole  
anchor

ceiling

standoff location marks

13/64" drill bit

2.1

drill

2.2

2.3

spacer

cap

wood screw

**2.1** On the marked locations, make a hole using a 13/64" drill bit.

**2.2** Insert the anchor into the hole and push completely in.

**2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

3

**Prior to installing fixture to power, coaxial cable must be prepared to go inside crossbar assembly. If this step is skipped coaxial cable metal sleeve will tangle up.**

1 - while holding the coaxial cable end.

2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.

3 - Cut off 1-1/2" of the wires.

4 - Pull forward the metal sleeve and twist to make a firmer single wire.

4

junction box

crossbar assembly

driver

24VDC

DL (blk) rd (+V)

N/C blk (-V)

N (wh)

GND (gr)

gnd from crossbar

general wiring diagram

4.1

4.2

4.3

backplate

hex nut

canopy

**4.1** Insert the power wires into the crossbar assembly, backplate, and hex nut.

**4.2** Refer to the wiring diagram and make all necessary connections from the power wires to the canopy driver wires.

**4.3** Connect to ground in accordance with local electrical codes.

# Kurat - Installation Instructions for 120V AC Integral power supply

Models KUR-XX-INT120

**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.



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**5**

junction box

crossbar assembly

#8-32 screw

backplate

hex nut

**5.1** Align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

**5.2** Slide the backplate up to the crossbar and secure by tightening the hex nut into the crossbar.

**6**

junction box

canopy

strain relief

power cable

backplate

Phillips screw

canopy

power cable

o-ring

**6.1** Insert the low voltage wire nut connections into the canopy. Align the canopy to the backplate and securing using the 4 Phillip screws.

**7**

aircraft cable

threaded post

cable stopper

threaded post

aircraft cable

standoff hub tab

Kurat

clear film

**7.1** Untangle each aircraft cable and insert into the threaded post until the cable stopper.

**7.2** Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. For the aircraft cable closest to the power cable slide through the o-rings on the power cable first.

**7.3** Remove the clear protective film from the face of the lens.

**8**

canopy tab

cap

threaded post

aircraft cable

power cable

standoff hub tab

o-ring

**8.1** Tighten each threaded post into a cap, one will be on the canopy and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure. In addition if power wire is sagging, feed into the canopy. By pressing on the tab on the canopy and feed until necessary.

**8.2** Cut off any extra aircraft cable from the standoff hub hole.

**8.3** If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.

1

**canopy detail**

standoff hub      measure

third standoff on fixtures over 48" long

**Note: More than one person is recommended for this install.**

**1.1** Determine length from the canopy to the standoff hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to sighting off center standoff hub.

2

ceiling

standoff location marks

13/64" drill bit

drill

hole

anchor

spacer

cap

wood screw

**2.1** On the marked locations, make a hole using a 13/64" drill bit.

**2.2** Insert the anchor into the hole and push completely in.

**2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

3

**Prior to installing fixture to power, coaxial cable must be prepared to go inside crossbar assembly. If this step is skipped coaxial cable metal sleeve will tangle up.**

1 - while holding the coaxial cable end.

2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.

3 - Cut off 1-1/2" of the wires.

4 - Pull forward the metal sleeve and twist to make a firmer single wire.

4

junction box

crossbar assembly

backplate

hex nut

canopy

driver

277VAC

blk (blk)

neutral (wh)

rd (+V)

blk (-V)

24VDC

ground (grd) on canopy

general wiring diagram

**4.1** Insert the power wires & ground wire into the crossbar assembly, backplate, and hex nut.

**4.2** Refer to the wiring diagram and make all necessary connections from the power wires to the canopy driver wires.

**4.3** Connect to ground in accordance with local electrical codes.

**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.

**5**

junction box

crossbar assembly

#8-32 screw

backplate

hex nut

**5.1** Align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

**5.2** Slide the backplate up to the crossbar and secure by tightening the hex nut into the crossbar.

**6**

junction box

canopy

strain relief

power cable

backplate

Phillips screw

canopy

power cable

o-ring

**6.1** Insert the low voltage wire nut connections into the canopy. Align the canopy to the backplate and securing using the 4 Phillip screws.

**7**

aircraft cable

threaded post

standoff hub tab

Kurat

clear film

cable stopper

threaded post

aircraft cable

**7.1** Untangle each aircraft cable and insert into the threaded post until the cable stopper.

**7.2** Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. For the aircraft cable closest to the power cable slide through the o-rings on the power cable first.

**7.3** Remove the clear protective film from the face of the lens.

**8**

canopy tab

cap

threaded post

power cable

aircraft cable

standoff hub tab

o-ring

**8.1** Tighten each threaded post into a cap, one will be on the canopy and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure. In addition if power wire is sagging, feed into the canopy. By pressing on the tab on the canopy and feed until necessary.

**8.2** Cut off any extra aircraft cable from the standoff hub hole.

**8.3** If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

Kurat - Installation Instructions for Integral Ecosystem power supply  
Models KUR-XX-INTECO



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1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.

**1**

**canopy detail**

standoff hub

measure

third standoff on fixtures over 48" long

**Note: More than one person is recommended for this install.**

**1.1** Align one standoff hub to the junction box & measure the distance from standoff hub to the other hub. Then mark this location to the ceiling. Make addition marks if using more than one standoffs. Use canopy detail to slightly off center standoff hub.

**2**

**ceiling**

hole

anchor

standoff location marks

13/64" drill bit

drill

spacer

cap

wood screw

**2.1** On the marked locations, make a hole using a 13/64" drill bit.

**2.2** Insert the anchor into the hole and push completely in.

**2.3** Insert wood screw through cap & washer and then tighten to secure into the anchors.

**3**

junction box

to ecosystem bus

driver

E1 (pur)

E2 (pur)

hot (blk)

dim hot (org)

neutral (wh)

ground (gr)

rd (+V)

blk (-V)

24VDC

to dimmer

ground from crossbar

general wiring diagram

crossbar assembly

backplate

hex nut

canopy

**3.1** Insert the power wires into the crossbar assembly, backplate, and hex nut.

**3.2** Refer to the wiring diagram and make all necessary connections from the power wires to the canopy driver wires.

**3.3** Connect to ground in accordance with local electrical codes.

**4**

junction box

crossbar assembly

#8-32 screw

backplate

hex nut

**4.1** Align the crossbar to the junction box holes and secure using the provided two #8-32 screw.

**4.2** Slide the backplate up to the crossbar and secure by tightening the hex nut into the crossbar.



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**5** Prior to installing fixture to power, coaxial cable must be prepared to go inside crossbar assembly. *If this step is skipped coaxial cable metal sleeve will tangle up.*

- 1 - while holding the coaxial cable end.
- 2 - Pull back about an 1-1/2" of the metal sleeve to expose the wires.
- 3 - Cut off 1-1/2" of the wires.
- 4 - Pull forward the metal sleeve and twist to make a firmer single wire.

**6**

**6.1** While one person is holding the fixture, the other person can feed the coaxial cable end through the clear o-rings & strain relief on canopy.

**6.2** Peel back the coaxial cable to expose the low voltage wires. Refer to the wiring diagram and make all necessary connections from the coaxial cable to the canopy wires.

**7**

**7.1** Insert the low voltage wire nut connections into the canopy. Align the canopy to the backplate and securing using the 4 Phillip screws.

**8**

**8.1** Untangle each aircraft cable and insert into the threaded post until the cable stopper.

**8.2** Push on the standoff hub tab and feed the aircraft cable into the standoff hub until necessary. Release tab to secure in place. *For the aircraft cable closest to the coaxial cable slide through the o-rings on the coaxial cable first.*

**8.3** Remove the clear protective film from the face of the lens.

# Kurat - Installation Instructions for Integral Ecosystem power supply

Models KUR-XX-INTECO

**Please read all instructions prior to installation and keep for future reference!**

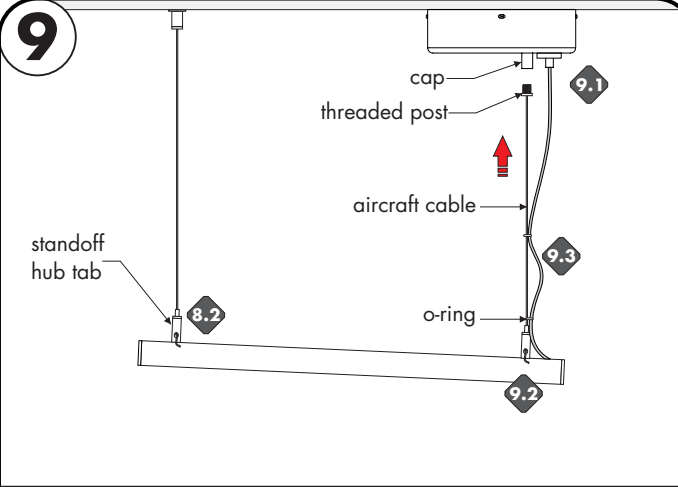
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9



**9.1** Tighten each threaded post into a cap, one will be on the canopy and other(s) on the ceiling. If fixture not leveled, adjustments can be made by pushing on the standoff hub tab. Then either feed more cable into the standoff hub or pull out cable from the standoff hub and release to secure.

**9.2** Cut off any extra aircraft cable from the standoff hub hole.

**9.3** If necessary make any final adjustments to the cables use the o-rings for a cleaner look.

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