

PORTFOLIO®

INSTALLATION INSTRUCTIONS

IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN FOR FUTURE REFERENCE

CD60*

Commercial Recessed CFL Rough-In Installation Instructions

705299-Rev. INS

07/16/2013

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WARNING

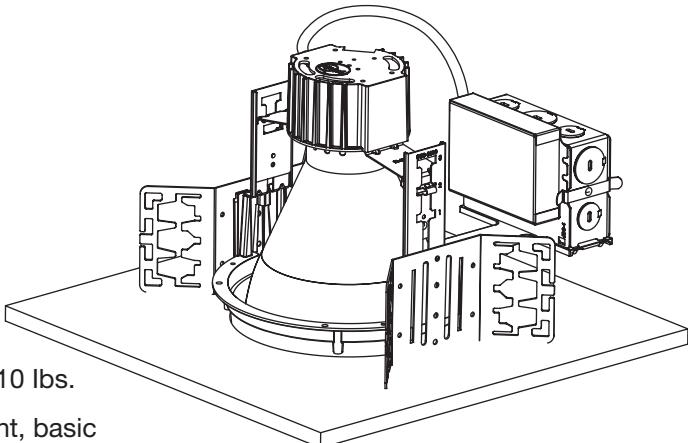
Risk Of Electrical Shock

Disconnect power at fuse or circuit breaker before installing or servicing.

WARNING

Risk Of Fire

Do not install insulation within 3 inches (76 mm) of any part of the luminaire fixture or in a way that may entrap heat.



NOTE: This fixture should be supported by main runners or other structure that is capable of supporting fixture weight of 10 lbs.

IMPORTANT SAFEGUARDS: When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- 1 This unit is for recessed mounting only. Do not use in hazardous locations nor near gas or electric heaters.
- 2 Do not use this equipment for other than the intended use.
- 3 Install only in accordance with National Electrical Code and local regulatory agencies' requirements.

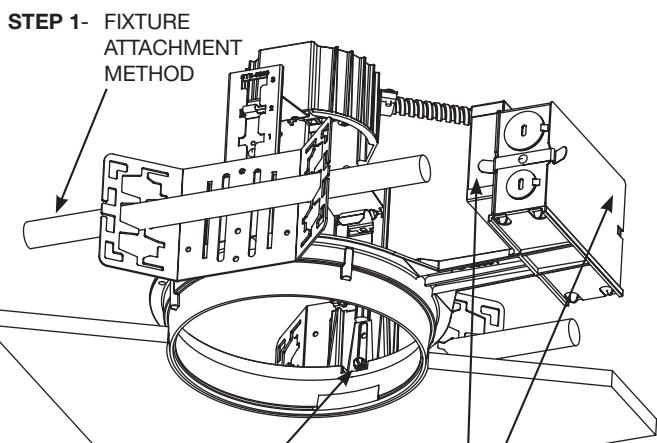
	Aperture	Ceiling Cutout
CD60*	6-3/8"	7-1/4"

WARNING:

Installation and servicing to be performed only by qualified personnel. If not qualified, consult an electrician.

To Install Rough-In Section

STEP 1 Install fixture into ceiling cavity using 1/2" electrical conduit. Use 3/4" channel, 1-1/2" channel, 1/8" x 1/2" bar stock, or T-bar fasteners as mounting rails (furnished by others) by inserting the through hanger brackets at both sides.



STEP 2 Adjust hanger adjustment screws so bottom of plaster ring is flush with finished ceiling line. Hanger bracket is reversible for total adjustment of 5".

STEP 3 Remove one of the junction box covers. Connect supply lead wires to lead wires of ballast per wiring diagram and in accordance with your local electrical code(s) or N.E.C.

**STEP 2- HANGER
ADJUSTMENT
SCREW**

**STEP 3- JUNCTION
BOX
COVERS**

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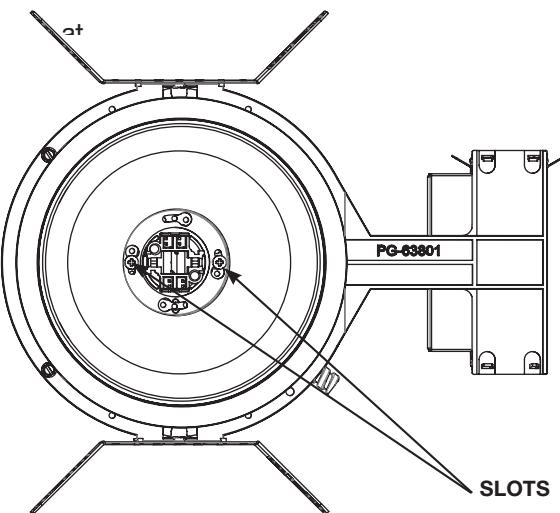
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Trim Installation

Step 1. Adjust the two springs as shown in illustrations right of spring setting chart. Refer to corresponding Spring Setting Chart for proper adjustment.

Step 2. Attach trim to socket assembly with (2) screws through keyslots.



Trim Cleaning

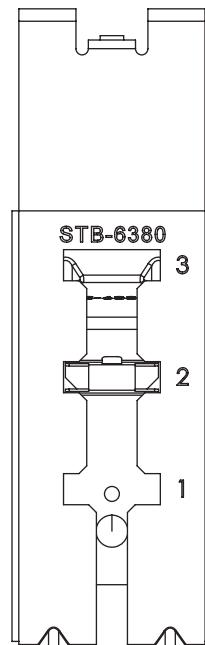
Step 1. Gently wipe with a soft, clean, dry lint-free cloth to remove dust.

Step 2. Wipe with a mild detergent solution on a soft, clean cloth to remove fingerprints and stains.

Step 3. Rinse with clean, soft water and dry with lint-free cloth.

Spring Setting Chart

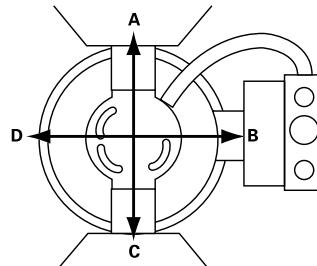
TRIM	LAMP WATTAGE	LAMP TYPE	SETTING
6CV142M*	1-18W	DTT	2
	1-18W	TTT/PLT	2
	1-26W	TTT/PLT	2
	1-32W	TTT/PLT	2
	1-26W	DTT	3
	1-42W	TTT/PLT	3
6CLV142M*	1-18W	TTT/PLT	3
	1-26W	TTT/PLT	3
	1-32W	TTT/PLT	3
6CLV142W*	1-18W	DTT	2
	1-18W	TTT/PLT	2
	1-26W	TTT/PLT	2
	1-32W	TTT/PLT	2
	1-26W	DTT	3
	1-42W	TTT/PLT	3
6CV142W*	1-18W	DTT	1
	1-18W	TTT/PLT	1
	1-26W	TTT/PLT	1
	1-32W	TTT/PLT	1
	1-26W	DTT	2
	1-42W	TTT/PLT	2



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Note for Wall Wash Installations

Housing is to be installed with one of (4) sides (A,B,C,D) facing the wall. Wall wash trims must be oriented with gradient kicker facing wall. Use secondary screws supplied with trim for alternate orientation. It may be necessary to fully tighten screws on housing first. Install screws 180° apart.



Electrical Connection

CAUTION: Make certain no bare wires are exposed outside of wire nut connectors.

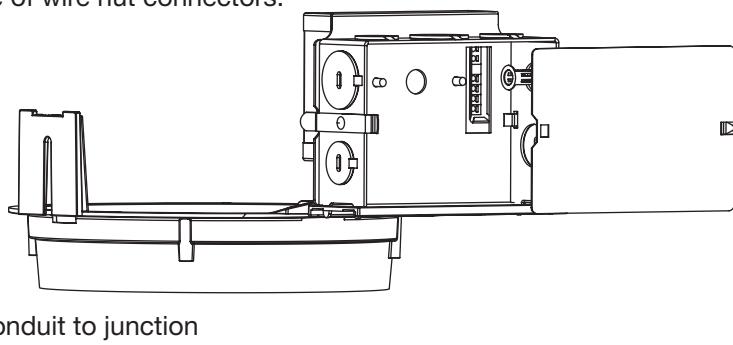
Step 1. Provide electrical service according to the "National Electrical Code" or your local electrical code to the junction box (located on the plasterframe). Supply wire insulation must be rated for at least 90 C. The junction box is rated for a maximum of 8 No. 12 AWG Branch Circuit conductors and is also suitable for at least 90 C.

Step 2. Remove junction box cover.

Step 3. Remove appropriate round pryout and connect conduit to junction box with proper connector (not included).

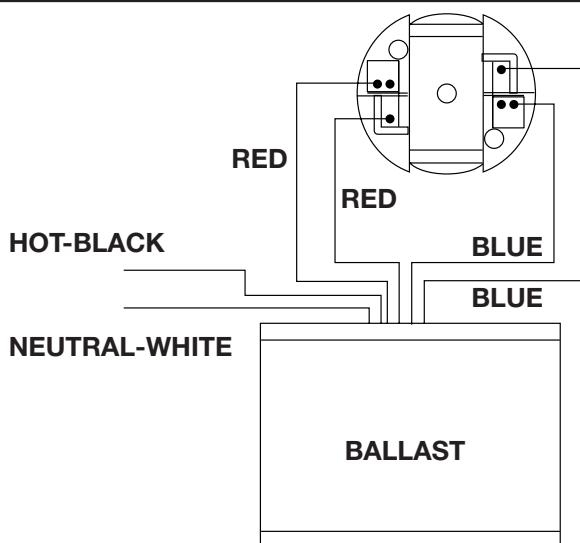
Step 4. Connect supply lead wires to junction box lead wires (line, neutral and ground) in the fixture using properly sized wire nuts. Be careful not to leave any bare conductors outside of the wire nut connectors.

Step 5. Connect white to white, black to black, and green (from electrical service) on the supply side to the bare copper wire in the junction box. Place all excess wiring and connections into the junction box and replace the cover.



BLACK ————— LINE
WHITE ————— NEUTRAL
GREEN/BARE COPPER ————— GROUND

Electrical Wiring Diagrams



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3 YEAR PRODUCT LIMITED WARRANTY

Cooper Lighting (The Company) warrants the Portfolio CD60* housings and trims against defects in material or workmanship for a period of three years from date of original purchase, and agrees to repair or, at the company's option, replace a defective product without charge for either replacement parts or labor during such time. This does not include labor to remove or install fixtures. This warranty is extended only to the original purchaser of the product. A purchasers receipt or other proof of date of original purchase acceptable to the Company is required before warranty performance shall be rendered.

This warranty only covers product failure due to defects in materials or workmanship which occurs in normal use. It does not cover the failure of product caused by accident, misuse, abuse, lack of reasonable care, alteration, or faulty installation, subjecting the product to any but the specified electrical service or any other failure not resulting from defects in materials or workmanship. Damage to the product caused by separately purchased, non-Company

supplied components and corrosion or discoloration of components are not covered by this warranty. There are no express warranties except as described above.

THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL IMPLIED WARRANTIES, IF ANY, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

No other warranty, written or verbal, is authorized by the Company. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty service, please write to Cooper Lighting, 1121 Highway 74 South, Peachtree City, Georgia 30269. Enclose product model number and problems you are experiencing, along with address and telephone number. You will then be contacted with a solution or a Return Goods Authorization number and full instructions for returning the product. All returned products must be accompanied by a Return Goods Authorization Number issued by the Company and must be returned freight prepaid. Any product received without a Return Goods Authorization Number from the Company will be refused.

Cooper Lighting is not responsible for merchandise damaged in transit. Repaired or replaced products shall be subject to the terms of this warranty and are inspected when packed. Evident or concealed damage that is made in transit should be reported at once to the carrier making the delivery and a claim filed with them.

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