Toshiba TLS-DCA6/TLS-DCA8 LED Downlight

BEFORE YOU BEGIN

Read these instructions completely and carefully.
Save these instructions for future use.

⚠ WARNING

Risk of electrical shock. Disconnect power before servicing or installing luminaire.

⚠ WARNING

Risk of injury or damage. Luminaire will fail if not installed properly. Follow installation instructions.

⚠ WARNING

Risk of injury. Wear safety glasses and gloves during installation and servicing.

Important Notice

These instructions are not intended to cover all details or variations in the products, nor do these instructions provide for every possible contingency concerning the installation, operations or maintenance of the luminaires. Should additional information be required, contact your Toshiba Customer Support Center at 855-829-5959.

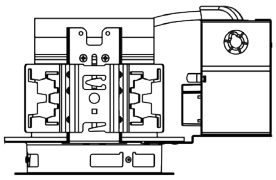
The contents of this manual shall not become a part of or modify any prior or existing agreement, commitment or relationship. The sales contract contains the entire obligation of Toshiba International Corporation. Toshiba International Corporation's standard limited warranty is the sole warranty obligation of Toshiba International Corporation and any statements contained herein do not create new warranties or modify the existing warranty.

Any electrical or mechanical modifications to the luminaire without the prior written consent of Toshiba International Corporation may void all warranties or other safety certifications. Unauthorized modifications may also result in safety hazards or damage to the luminaire. Misuse of the luminaire could result in injury and equipment damage. In no event will Toshiba International Corporation be responsible or liable for direct, indirect, special or consequential damage or injury that may result from the misuse of the luminaire.

TLS-DCA6 (6-INCH)

2800 Lumens / 50W



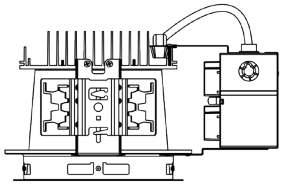


Length: 11.7in
Height: 7.4in
Weight: 7.75lbs

TLS-DCA8 (8-INCH)

5500 Lumens / 100W



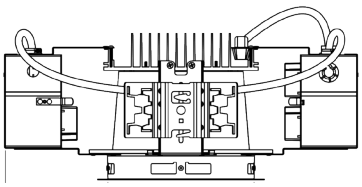


Length: 14.4in
Height: 7.9in
Weight: 13.5lbs

TLS-DCA8 (8-INCH)

8500 Lumens / 150W





Length: 19.0in
Height: 7.9in
Weight: 21lbs

figure a

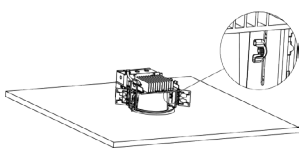
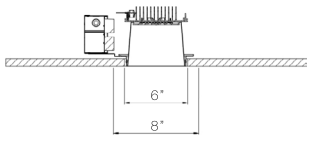


figure b



DCA6 (6") & DCA8 (8") Opening

figure c

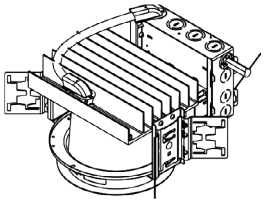
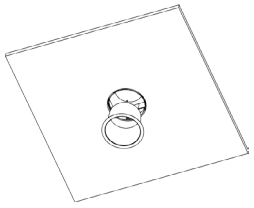


figure d



Inspection

- The packaging has been designed to protect the luminaire from damage during transit. Inspect luminaire for damage before installation.

Mounting (Rough-In Section)

- Attach housing to brackets using provided wing nuts (figure a).
- Bar hanger brackets are designed to accept 1/2" trade size EMT (not included) for mounting to the ceiling structure. Bar hangers that pass through hanger brackets allow for attachment to the ceiling structure.
- Insert provided bar hangers into bar hanger brackets of housing (DCA 6 only).
- Level the housing so that the bottom of the plaster ring is flush with the finished ceiling material.
- Nail two brackets to the available ceiling structure. For attachment to T-Bar type acoustical ceilings the hanger brackets can be attached to Caddy Fasteners #ATS4I (not included).
- Route power supply leads into J-box:
    - **CONNECT WHITE (common) supply wire to white fixture lead.**
    - **CONNECT BLACK (hot) supply wire to black fixture lead.**
    - **CONNECT GREEN (ground) supply wire to green fixture lead.**
- Dimming:
    - **CONNECT PURPLE (positive) dimmer wire to purple fixture wire.**
    - **CONNECT YELLOW (+10VDC) to purple wire for standard 0-10v dimmers.**
    - **CONNECT GRAY (negative) dimmer wire to gray fixture wire wire.**
- ***Note:*** Insulation must be at least 3" from the housing on all sides. Suitable for wood ceilings.
- ***Note:*** Minimum ceiling opening is 6" for the DCA6 version and 8" for the DCA8 version (figure b). Maximum recommended ceiling thickness is 1-1/8".

Wiring

- ***Note:*** Make sure that all electrical connections are in accordance with the National Electrical Code and any applicable local code requirements.
- ***Note:*** Check the input voltage for the luminaire on the product label. Verify that the luminaire is rated for the input voltage.
- When making electrical connections make sure that the wire marked "Ground" is connected to the ground wire on the supply side. Under no circumstances should the ground wire be connected to a supply or power wire. This will cause the luminaire to fail and will not be covered under warranty.
- Terminal connections are accessible through terminal box on luminaire (figure c).
- Service leads should extend into terminal box on luminaire.
- Close lid on terminal box.

Trim

- Depending on environmental conditions, it may be necessary to clean the lens in order to maintain a high-efficiency lens. (Use solvent-free cleaners.)
- Insert trim into housing (figure d).

Storage

- Prior to installation, the luminaire should be placed in covered, dry storage. The storage location should not exceed the normal operating temperature of the luminaire.

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