DLED6 INSTALLATION INSTRUCTIONS



Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000 or email: marketing@rabweb.com

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

SAFETY INSTRUCTIONS

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: Risk of fire or electric shock. LED retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING: Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

TORSION SPRING MOUNTING

DLED6 Retrofit unit is designed to fit nominal 6" Existing Housings using Torsion Spring or Jam clips. The fixture is provided with Torsion Springs installed (Fig.1). To mount into housings with torsion spring slots follow the steps below. RAB 6" Retrofit can be used in **Existing Housing** with opening of minimum 6" and maximum $6^{3}/4$ ". See the list of compatible housing provided below.

- 1. Thread the **E26 Socket Adaptor** (Fig.3) connector into the Existing Housing medium base socket. (GU24 Adaptor available separately Cat. No. SAGU24).
- 2. Connect the Ground Wire on DLED6 to the Existing Housing. Use #8 screw provided and secure to any Existing Housing hole or drill a new 1/8" diameter hole. (Fig.1 & 5)
- 3. Connect the orange Wire Connector of the E26 Socket Adaptor to the DLED6 connector.
- Squeeze the Torsion Springs into Mounting Clips of 4. the Existing Housing. (Fig4)
- 5. Carefully route all wires into the **Existing Housing** and push **DLED6** up flush to the ceiling surface. (Fig.5) Be careful not to pinch wires.





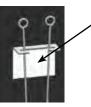
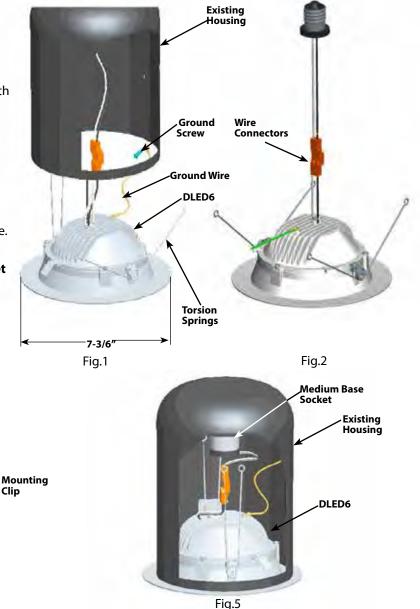


Fig.4

Clip



DLED6 INSTALLATION INSTRUCTIONS



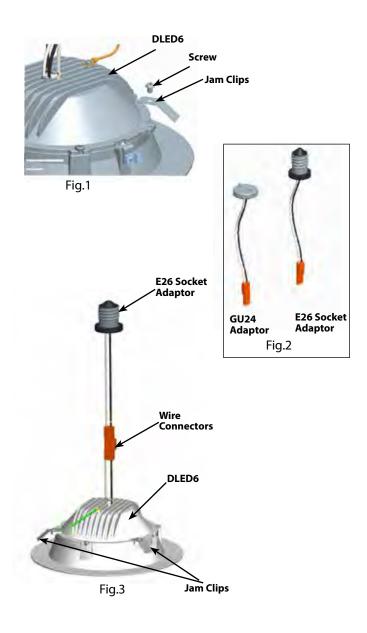
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JAM CLIP MOUNTING (for housings without Torsion Spring bracket)

DLED6 Retrofit unit is designed to fit nominal 6" housings with **Torsion springs** or **Jam Clips.** To mount in housings without torsion spring slots follow the steps below. RAB 6" Retrofit can be used in **Existing Housing** with opening of minimum 6" and maximum 6 ³/₄". See the list of compatible housing provided below.

- 1. Remove the two **Torsion springs** from fixture and install three **Jam Clips** as shown in Fig.1.
- 2. Thread the **E26 Socket Adaptor** connector into the **Existing Housing** with a medium base socket. (**GU24 Adaptor** available separately Cat. No.). (Fig.2)
- Connect the Ground Wire on DLED6 to the Existing Housing. Use #8 screw provided and secure to any Existing Housing hole or drill a new 1/8" diameter hole.
- 4. Connect the orange **Wire Connector** of the **Socket Adaptor** to **Fixture** connector.
- 5. Carefully route all wires into the **Existing Housing** and push **Fixture** up flush to the ceiling surface. (Fig.4)







Easy Installation & Product Help

Tech Help Line Call our experts 888 RAB-1000 **rabweb.com** Visit our website for product info

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WIRING

WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Fixture operates at 120V 60 Hz and can be dimmed with most forward phase incandescent dimmers. For a list of compatible dimmers see www.rclighting.ca.

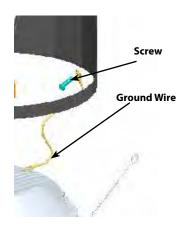
- 1. Screw in medium base socket adaptor.
- 2. Connect GROUND wire from DLED fixture to the existing housing with # 8 screw provided to any existing housing hole as shown or drill a new 1/8" diameter hole.
- 3. Plug in wire connector between socket adaptor and DLED6 fixture.

UL CLASSIFIED FOR RETROFIT COMPATIBILITY

Check that the existing housing is one of the following compatible fixtures.

- 1. RAB Retrofit has E26 Edison screw-base.
- 2. RAB Retrofit has dedicated LED connector.
- RAB 6" Retrofit can be used in existing housings with opening of minimum 6" and maximum 6 ³/₄". This fixture is UL Classified for retrofit in the following housings
 - Halo: Housing Series H25x, H7x, H27x, ET5x, ET7x, Ei7x, ET27x, El27x. Halo H750ICAT, H750RICAT, H750T and H750TCP series recessed LED housings.
 - Juno:IC22, IC22R, IC22W, IC22S, IC23, IC23W, IC21, IC21R, TC2, TC2R, IC20, IC20R, IC25, IC25W, IC25S, TC20, TC20R
 - Capri: CR1, PR1, QL1, R9ASIC
 - Lightolier: 1104ICS, 11041CR, 1104SIC, 1104SICR, 10041CS, 10041CR, 1004SIC, 1004SICR
 - Progress: P87-AT, P86TG
 - Lithonia: L7X, L7XP
 - Thomas: PST, R9ASIC/PS9RM
 - Prescolite: IBXS
 - Commercial Electric: H3, H17, H18
 - Elco: EL71CA

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.



TROUBLESHOOTING

Check that the line voltage at fixture is correct.

- 1. Check that the socket adaptor is properly seated in the socket.
- 2. Do not attempt to modify the socket in any way.

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

- 1. Clean lens & fixture with non-abrasive cleaning solution.
- 2. Do not open fixture to clean the LED. Do not touch the LED.



RAR

RAB Lighting

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RAB

RAB LUPING

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DLED6R8YY



Light Output (Lumens) Watts	539 8.62
Lumens per Watt (Effici	
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (DCT)	2751 (Warm White)
Light Color Convulsed Color Temperature (CCT) Warm White Bright White	

All results are according to IESNA LM-TF-2007 Approval Matted As the Development and Protomotor fracting of Approximation (approximate to Department of Energy (DDE) retrieva and/urt for data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number WVMA-VWKNET (8:16/2013) Model Number 13. (2008/29/V Type: Suffere minimal powelight

LEDGR12YY lighting facts

Light Output (Lumens)	675
Watts	12.8
Lumens per Watt (Efficacy)	52

Light Color Correlated Color Temp	ight Color orrelated Color Temperature (CCT) 2655		5 (Warm White)	
2.00				
Warm White	Bright White		Daviant	

All the life and according to ICIBMA (M-TH-200E: Approved Attention Air the (Festerical and Peakonsetter, Testang or Series State Lipping: The U.S. Department of Energy (DOE) working product test faits and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: WWA-CPINNID (8/27/2013) Mode Number: DLEDSR12YY Type: Surface-mounted coverages

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lighting facts

DLED6R8Y

Light Output (Lumens) Watts		532 8.63	
Lumens per Watt (Efficacy)		61	
Color Accuracy Color Rendering Index (CRI)	-11	87	
Light Color Correlated Color Temperature (CCT)	3134 (Bri	ight White)	
Warm White Bright White		Daylight	

All medita sine according to IESNA UA 78-2001: Approved Merited Archine Electrical and Missionianis Teaching of Solid-State Lipitang. The U.S. Department of Energy (DDE) version product lesi date and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Regellissen Kurroer, WVMA-2MFM2W (±18/2013) Nodel Number, DLS Delitery Type: Surface-mountied deventure



Light Output (Lumens)	764
Watts	13.2
Lumens per Watt (Efficacy)	57
Color Accuracy Color Rendering Index (CRI)	86

Light Color Correlated Color Temperature (CGT)		3088 (Bright White)	
Warm White	Bright White		Daylight
1700K 3000	<	4500K	6500

All evaluation are accounting in IESNA UM-79-2020 Approved Method for the Electrical and Producements Tenzing of Sould-State Eigening. The U.S. Department of Energy (DOE) vertices product (est-cata) and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Regulation Number WVMA-11V/EV2 (#22:3013) Noder Number DLED8912Y Type Surface-mounted downight

DLEDGR8YN lighting facts

NAB

Light Output (Lumens)		583	
Watts		8.67	
Lumens per Watt (Efficacy)		67	
Color Accuracy Color Rendering Index (CRI)	111	85	
Light Color Convisited Color Temperature (CCT)	3608 (Brig	ht White)	

At swallin law eccording in #5044 (34-16-2008): Agentswel Method for the Electrical and Processing: Testing of Spile-Science Centers, The U.S. Department of Energy (DOE) within product test data and remain

Visit www.lightingfacts.com for the Label Reference Guide.

Registerin Number WVMA TANKDI (M162010) Moner Number (DLEDERBYN Type: Turbus emurced downigte

DLED6R12YN



Light Output (Lumens) Watts Lumens per Watt (Efficacy)	824 12.9 63
Color Accuracy Color Rendening Index (CRI)	85
Light Color 333	25 (Bright White)

	perature (CGT)		
	+		
Warm White	Bright White	D	nylight
and the second se			

All results are according to USNA DM-79-2008. Approved Method for the Electrocal and Photometric Training of 3xxX-State Lighting. The U.S. Department of Energy (DOE) Vertices proved text area and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Pegainton Nurrow WMA467YGM (627/2013) Model Nurrow: DLEDER12YM Type: Sufficientiournet poenigni



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