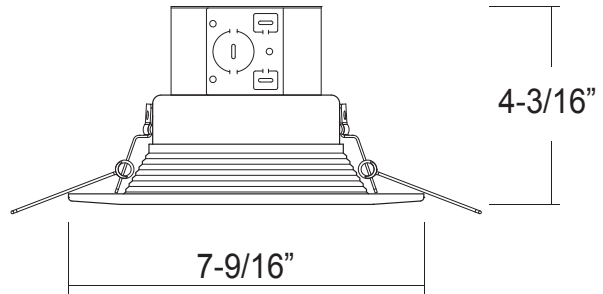


**8545**  
120V-60Hz

Catalog #:		Type
Project:		Date
Prepared by:		

## 6" IC, LED J-Box Downlight



Ceiling Cut-out: 5-7/8"

### DESCRIPTION

The 8545 6" LED Retrofit J-box Downlight is an all-in-one housing and baffle trim. Designed for use in new construction or remodel applications with insulated ceilings making this a quick, easy, and affordable way to upgrade to an energy efficient LED downlight solution.

### DESIGN FEATURES

#### Construction

- All-in-one housing and trim with integral J-box housing
- Durable aluminum construction allowing superior heat distribution

#### Electrical

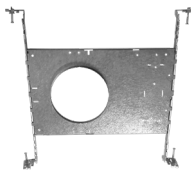
- 120V-60Hz
- Dimmable TRIAC, 10-100%
- 50,000 hour projected life
- 90CRI: 21W, 1530lm (*source*), 1300lm (*delivered*)
- Available in 3000K or 4000K

#### Installation

- Listed for through branch circuit wiring and includes (4) 1/2" knockouts with true pry-out slots and (4) knockouts with Romex cable clamp
- Built-in mouse trap springs for use with direct remodel ceiling or new construction

#### Accessory Mounting Plate Assembly 8542PF

- Includes four 1/2" bar hanger to allow for easy adjustment and easy installation
- Durable aluminum construction
- Perfect for installing recessed lighting into new construction



#### Finish

- Available in white baffle (WH)

#### Certifications

- cCSAus Certified for use in wet locations
- Energy Star approved & listed
- JA8 and State of California Title 24 Compliant
- 5 year limited warranty

#### ORDERING

Example: 8545WH-90-3K

Model #	Finish	CRI	CCT
8545	WH	-90	
8545	WH : White	-90 : 90 CRI	-3K : 3000K -4K : 4000K

#### Accessory

8542PF : Mounting Plate



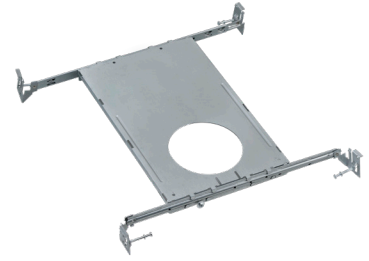
TEL: 800.937.6925 | Fax: 800.207.9509 | [www.rplighting.com](http://www.rplighting.com)

Specifications and dimensions subject to change without notice.

## Available Accessory Information

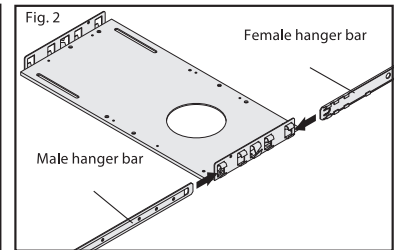
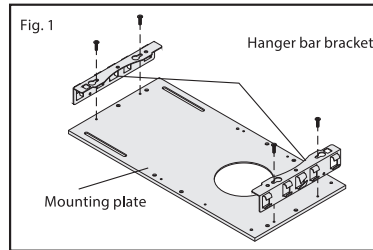
### Accessory Mounting Plate Assembly

- **8542PF**
- Includes four 12" bar hanger to allow for easy adjustment and easy installation
- Durable aluminum construction
- Perfect for installing recessed lighting into new construction



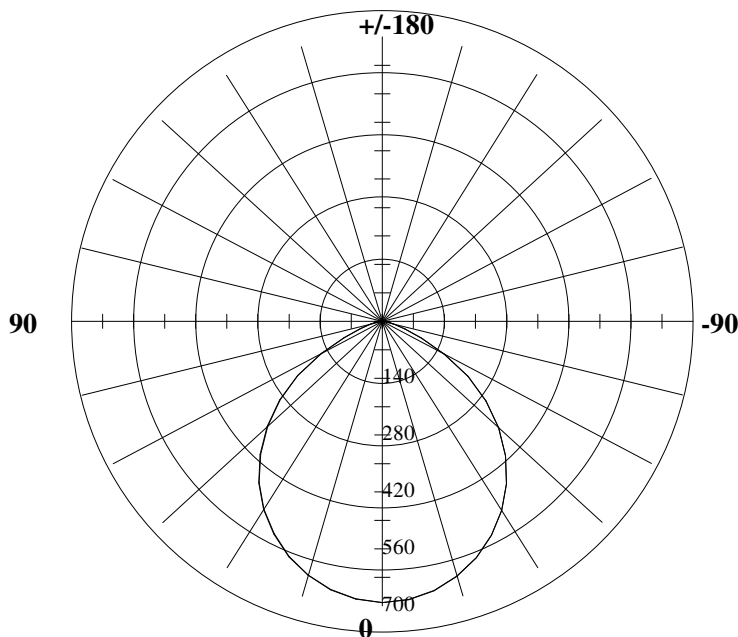
### New Construction Mounting Plate Assembly:

1. Align hanger bar brackets with mounting holes on the new construction mounting plate and secure in place with mounting screws (Fig. 1).  
*NOTE:* Hanger bars can be installed on long or short side of the new construction mounting plate.
2. Insert both female and male parts of the hanger bars into the bracket from opposite ends (Fig. 2). Make sure that the male part is inserted within the female part and that the end tab is facing downwards.



## Polar Graph and Zonal Lumen Summary Table

Polar Graph



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-40	695	53.4
0-60	1111	85.5
0-90	1231	94.7
0-180	1300	100.0