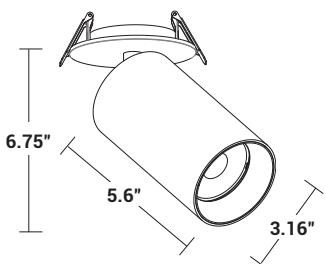


## DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1800L	1800L	18W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

## INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3".

For wet location application, you MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements. Installation hole size: 3.5"

## FEATURES

### HIGH-END. HIGH POWER. HIGH STYLE.

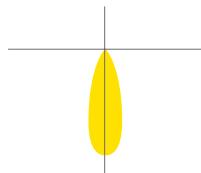
FGCR Recessed Cylinders are sleek, efficient, and high-power lighting solution for high-end architectural spaces. A recessed canopy ensures a clean, minimal look and low profile suited to new construction, remodel, retrofit, and low plenum spaces. Multiple CCT packages and various finishes allow for versatile design, while a 0°–90° vertical tilt and 350° rotation enable flexible illumination.

Accommodates insulated and dropped ceilings. Recessed housing not required. No additional jbox or driver necessary. IC rated, airtight and ready for contact with insulation.

LUMENS	1800L
CCT	27K, 30K, 35K, 40K
CRI	90+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Recessed Mount
DIMMING	DIM10 - 0-10V Flicker-free Dimming
OPTICS	15° (SP), 24° (NFL), 36° (FL), and 55° (WFL)
TRIM OPTION	White (WH), Black (BK), Silver (SI), Gold (GD)
FINISH	White (WH), Black (BK), Silver (SI)
WORKING TEMP.	-20 °C (-4°F) to 65 °C (149°F)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21

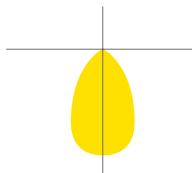
### Spot (SP)

Candle Power Distribution Curve



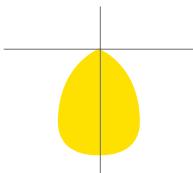
### Narrow Flood (NFL)

Candle Power Distribution Curve



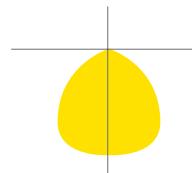
### Flood (FL)

Candle Power Distribution Curve



### Wide Flood (WFL)

Candle Power Distribution Curve



Reference IES files for additional distribution curve information.



#### OPTICS

A regressed, clear plastic lens over highly efficient, ultra-bright COB LEDs allows for even light diffusion and low-glare illumination. A 0°–90° vertical tilt and 350° rotation enable flexible illumination.

36° Flood (FL) distribution included, standard.

Available to order with additional 15° (SP), 24° (NFL), and 55° (WFL).

Luminaire available in 1800L with CCT options of 2700K, 3000K, 3500K, or 4000K for various warm to cool moods and atmospheres.

#### CONSTRUCTION

Housing made from a light weight, durable forged aluminum for easy installation and efficient heat dissipation.

Remote driver and box included.

Sealed and IP20 rated for ingress protection against dust and optimal efficiency.

Available in standard white, black, and silver finishes.

#### MAINTENANCE

Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

#### MOUNTING

Suitable for recessed mounting. Spring clips for easy installation included. Cut out hole size: 3.5".

#### OPTIONS & ACCESSORIES

Three TIR optic options available to order separately, including:

15° for Spot (SP) distribution

24° for Narrow Flood (NFL) distribution

55° for Wide Flood (WFL) distribution

Rough plates available to order separately:

RL-UNV-2/3/4 - Universal Mounting plate for 2", 3" and 4" downlights  
RL-ACC-SLIM-3-ROUGHPLATE - 3" Mounting plate for 3" downlights

See order chart for details.

#### DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120V-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

#### DIMMING

DIM10 - 0-10V dimming at 120-277V.

#### WARRANTY

5-year warranty for parts and components (labor not included).

#### LISTINGS

UL Listed.

IP20 rated for ingress protection against dust.

Airtight, IC rated and ready for contact with insulation.

#### FINISH OPTIONS



WH-BK  
(Black)



WH-SI  
(Silver)



WH-WH  
(White)

#### TRIM OPTIONS



BK-WH  
(Black)



GD-WH  
(Gold)



SI-WH  
(Silver)



WH-WH  
(White)

**OPTION & ACCESSORIES**



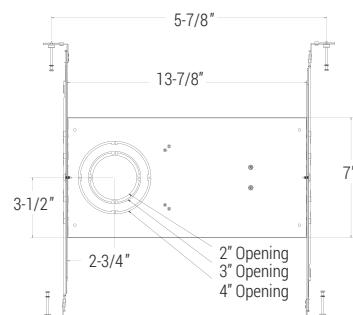
**RL-ACC-SLIM-1-10F**

10-ft long extension

**RL-ACC-SLIM-1-20F**

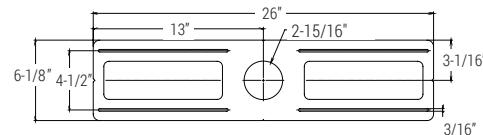
20-ft long extension

**RL-UNV-2/3/4**  
For use with 2", 3", and 4" downlights



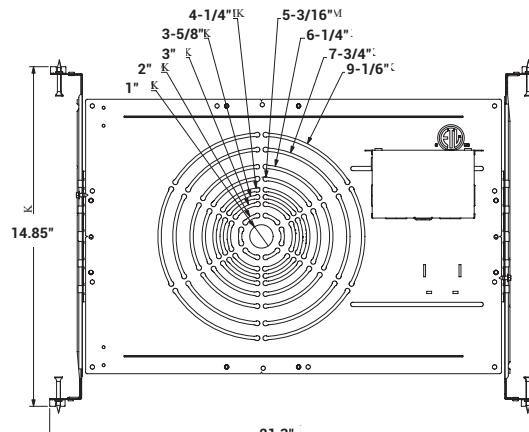
**RL-ACC-SLIM-3-ROUGHPLATE**

For use with 3" downlightss



**RL-UNV-1/2/3/4/5/6/8/10**

For use with 1", 2", 3", 4", 5", 6", 8", and 10" downlights



Example: **FGCR3-RC-1800L-DIM10-MVOLT-30K-90-GD-WH**

FGCR3-RC								
Series	Lumens	Dimming	Voltage	CCT	CRI	Trim Option	Finish	Option
FGCR3-RC	1800L	DIM10 (0-10V Dimming)	MVOLT (120-277V)	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	90	GD - Gold BK - Black SI - Silver WH - White	BK - Black SI - Silver WH - White	(FL) 36° (Included) (SP) 15° (NFL) 24° (WFL) 55°

**RL-UNV-2/3/4** - Universal Mounting Plate for 2", 3" and 4"

**RL-ACC-SLIM-3-ROUGHPLATE** - 3" Mounting plate for 3" downlight

**RL-UNV-1/2/3/4/5/6/8/10** - Universal Mounting Plate for 1", 2", 3", 4", 5", 6", 8" and 10"