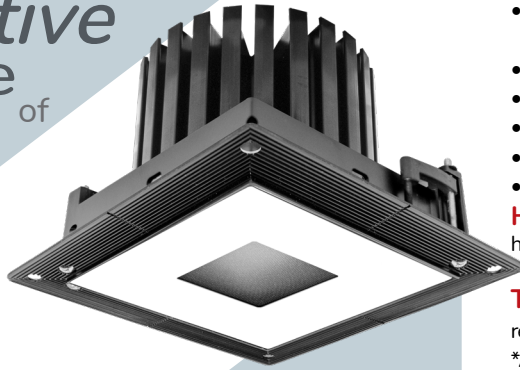# GR-F Series

The *Innovative* Line of

L E D

Lighting

Solutions

G R F Series in low to medium ceiling heights typically found in residential, commercial or retail applications. GRF series fixtures feature a flat trim surface that blends seemlessly with the ceiling construction. The Graffiti™ fixtures provide cost effective LED lighting solutions. As the creative spirit of its name implies, Graffiti™ systems provide all the quality SLI has grown famous for over the last 25 years, but at reduced lead times, affordable price points and innovative technologies that will liberate your creative flair.

THERMAL MANAGEMENT: Proprietary high performance aluminum black heatsink for maximum LED life

ADJUSTABLE/FIXED

SPECIFICATIONS

MOUNTING - Recessed in architectural ceiling. Butterfly brackets and Hanger bars included with housing and mounting pans.
- **RM -** Open fixture for retrofit for remodel in existing ceilings
- **IC -** Housing for new construction where insulation comes in contact with fixture
- **NIC -** Housing for new construction where IC not required
- **NP -** For New construction
- **DP -** Pan for dropped ceilings
- **BP -** Pan for metal studs
- **CP -** Chicago Plenum

HOUSING - C1/C2 Fixed housing is smaller size than Lutron/EldoLED Fixed housing (see page 3 for details)*

TRIM - One piece die cast aluminum, flanged or flangeless trim with a 1/2" regress bevel and overlap for flange . Available for wet locations.
*Accommodates up to 1" ceiling thickness as standard.
(Extension Clips available upon request)
- **ZT/ZST-** for use in plaster/GWB ceilings
- **FT/FST-** for use in architectural ceilings

ELECTRICAL
- **Standard 0-10v (C1)** Dimming down to 1%
- **TRIAC/ELV (C2)** Dimming down to 1%
- **EldoLED 0-10v (E1)** Logarithmic Dimming down to 0.1%
- **EldoLED Dali (E2)** Dimming down to 0.1%
- **EldoLED 0-10v (E3)** Linear Dimming down to 0.1%
- **Lutron Hi-lume EcoSystem 1% (LTB)** Hi-lume 1% with Fade-to-Black (former H-Series) digital EcoSystem Driver
- **Lutron Hi-lume Premier 0.1% (LTP)** Hi-lume Premier 0.1% with Fade-to-Black digital EcoSystem
- **EM Pack** Dimming driver with emergency battery backup
  All drivers are field replaceable*

Specifier/Installer is responsible for testing & validating compatibility of any control equipment used. Additional conductors may be required depending on dimming system.

LED
- **CZ- Citizen** 2400K **/** 2700K / 3000K / 3500K / 4000K, 90+CRI, 50+R9
- **AD- Ambient Dim™** 3000 to 1900K / 3000 to 2200K / 2700 to 2200K, 97 CRI
- **XT- Xicato** Available on request

LENS/OPTICS - Interchangeable reflector provides multiple beam patterns. Field-changeable optics:
- **Spot (15°)** • **Narrow (24°)** • **Flood (38°)** • **Wide Flood (60°)**
Optional lenses available for aperture include Solite and Veiling Acrylic. Accepts two optical accessories and an optional trim mounted lens.

FINISH - Black powder paint housing. Aperture trim available in white as standard. Can be field painted to match ceiling finish.

WARRANTY - 5 year limited on LED and driver. See website for details.

LABELS CSA -c US US tested to UL standards 1598, Dry/Damp and Wet listings. IC/Airtight, TITLE 24 Supports CA Title 24 part 6 compliance meeting JA8 Requirements in many combinations. Chicago Plenum Available.

INFORMATION- TRIM

ROUND/ FLANGED

Ø5" [125 mm]

ROUND / FLANGELESS

Ø4" [100 mm] Ø6 ¼" [157 mm]

SQUARE / FLANGED

SQUARE / FLANGELESS

4" [100 mm] 5 ½" [140 mm]

PHOTOMETRICS

*Click here to visit website for further photometric data

**LED Technology rapidly changes.
Please consult factory for latest specs and photometry.*

Care & Maintenance

**LED's are sensitive electronic components and should be protected from dust and debris during the installation and maintenance process.

**Fixture Care & Maintenance Guidelines

ORDER INFO | CODE

Graffiti™ Housing | GRF

Housing

RM = Retrofit
IC = IC/Airtight
NIC = Non IC
NP = New Pan
DP = Dropped Pan
BP = Bracket Pan
CP = Chicago Plenum

Source/System Watts/Delivered lm/LPW(Lumens/watt)

Values Based on Round, Fixed, with Flood optic

CZ14 = Citizen 14W / 1109lm / 79LPW
CZ20 = Citizen 20W / 1249lm / 63LPW
AD14 = Ambient Dim 14.6W / 944lm / 64LPW
AD20 = Ambient Dim 21.3W / 1636lm / 77LPW (AD 3019 only)
XT = Xicato - Contact Factory

Type

F = Fixed
A = Adjustable

CCT

Fixed White
24 = 2400K
27 = 2700K
30 = 3000K
35 = 3500K
40 = 4000K

Ambient Dim
3019 = 3000K to 1900K
3022 = 3000K to 2200K (AD14 only)
2722 = 2700 to 2200K (AD14 only)

Beam

SP = Spot
NF = Narrow flood
FL = Flood
WF = Wide flood

Driver ****Lutron & EldoLED require Inverter**

C1 = 0-10V dimming, 1%, 120-277v
C2 = TRIAC/ELV 2-wire, 1% 120V only (Leading/Trailing Edge)
E1 = EldoLED 0-10V Logarithmic Dim, 0.1%, 120-277v
E2 ** =EldoLED DALI, 0.1%, 120-277v ******
E3 = EldoLED 0-10V Linear Dim, 0.1%, 120-277v
LTB ** = Hi-lume 1% with Fade-to-Black (former H-Series) digital EcoSystem Driver, 120-277v (LDE1)
LTP ** = Hi-lume Premier 0.1% with Fade-to-Black digital EcoSystem, 120-277v, (PEQ0)
EM = Emergency Pack
C1-EM = C1 Emergency Pack (0-10V dimming, 1%, 120-277v)
C2-EM = C2 Emergency Pack (TRIAC/ELV 2-wire, 1% 120V only (Leading/Trailing Edge)

Graffiti™ Trim | GRTF

Shape

RD = Round
SQ = Square

Trim **Lens Required*

FT = Flanged
ZT = Flangeless

FST* = Flanged Shower
ZST* = Flangeless Shower

TEX2 =Extension Clips
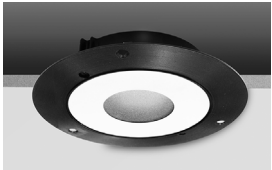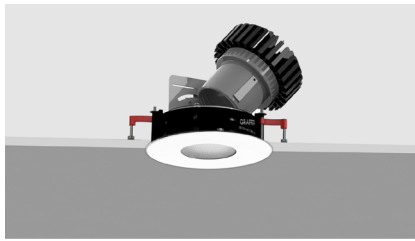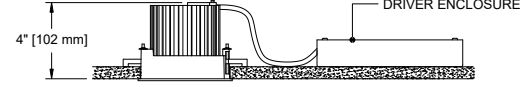
Finish | WHT

WHT = White

Lens

91A = Solite
79A = Frosted
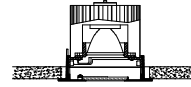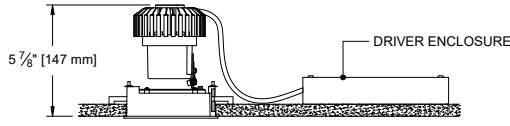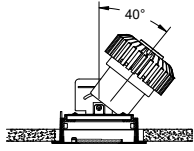None

* CLICK HERE to view Accessories for Trims.

RETROFIT

For easy installation in existing ceilings.

ADJUSTABLE

FIXED

40°

5 7/8" [147 mm]

DRIVER ENCLOSURE

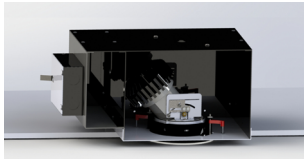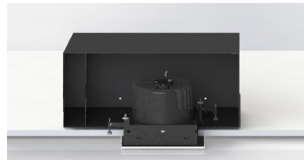4" [102 mm]

DRIVER ENCLOSURE
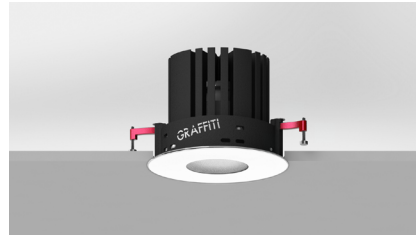
IC/NIC/CP

For projects requiring housings or IC rated fixtures.

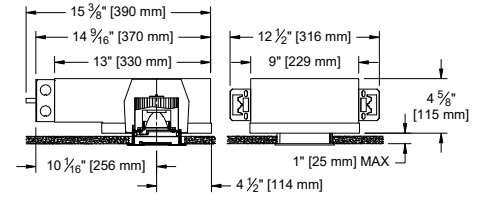1287 Hanger Bars comes standard with fixed and adjustable housing (see below for hanger bar dimensions).
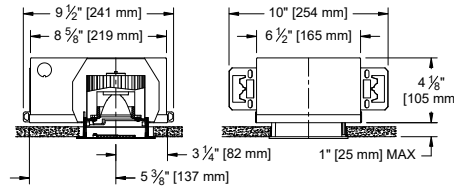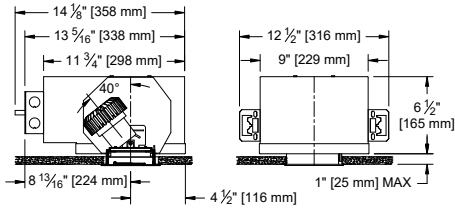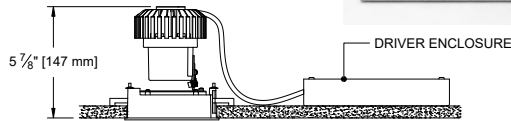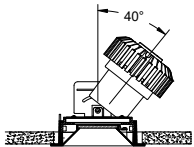
ADJUSTABLE   All Drivers

FIXED   C1/C2 Drivers

FIXED   LUTRON / ELDO Drivers
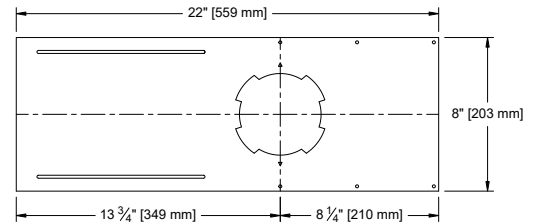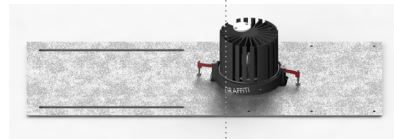
FIXED

14 1/8" [358 mm]
13 5/16" [338 mm]
11 3/4" [298 mm]
40°
8 13/16" [224 mm]
4 1/2" [116 mm]
12 1/2" [316 mm]
9" [229 mm]
6 1/2" [165 mm]
1" [25 mm] MAX

9 1/2" [241 mm]
8 5/8" [219 mm]
3 1/4" [82 mm]
5 3/8" [137 mm]
10" [254 mm]
6 1/2" [165 mm]
4 1/8" [105 mm]
1" [25 mm] MAX

15 3/8" [390 mm]
14 9/16" [370 mm]
13" [330 mm]
10 1/16" [256 mm]
12 1/2" [316 mm]
9" [229 mm]
4 5/8" [115 mm]
1" [25 mm] MAX
4 1/2" [114 mm]

PAN

For new construction applications not requiring a housing.

ADJUSTABLE

40°

5 7/8" [147 mm]

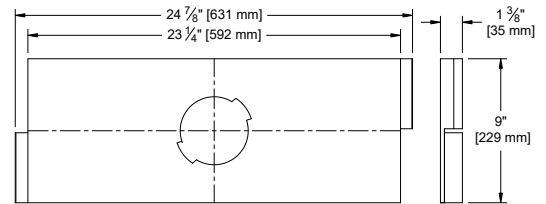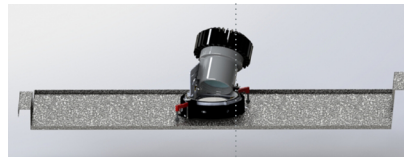DRIVER ENCLOSURE

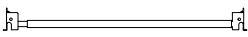OPTION - New Pan

22" [559 mm]
8" [203 mm]
13 3/4" [349 mm]
8 1/4" [210 mm]

OPTION - Dropped Pan

for use in Armstrong® T-Bar ceilings
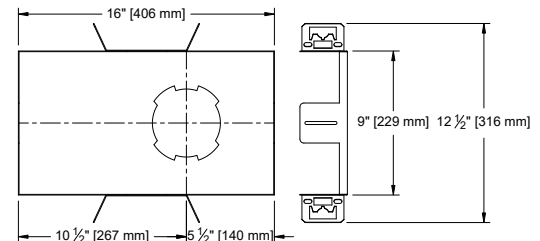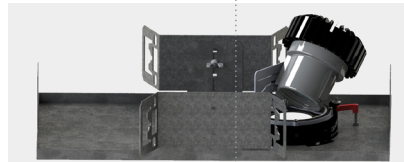
24 7/8" [631 mm]
23 1/4" [592 mm]
1 3/8" [35 mm]
9" [229 mm]

1287 Hanger Bar comes standard with Bracket Pan & IC/NIC

Maximum Extension: 26"

14" [356 mm] - 26" [660 mm]

FIXED

4" [102 mm]

DRIVER ENCLOSURE

OPTION - Bracket Pan

16" [406 mm]
10 1/2" [267 mm]
5 1/2" [140 mm]
9" [229 mm]   12 1/2" [316 mm]

specialty lighting industries