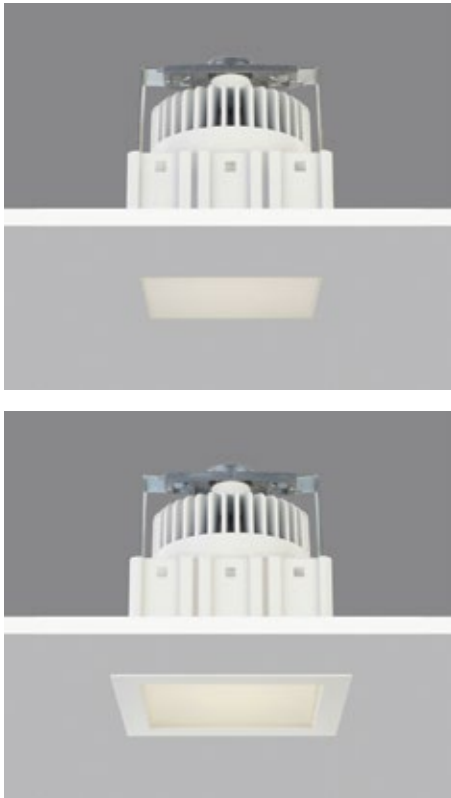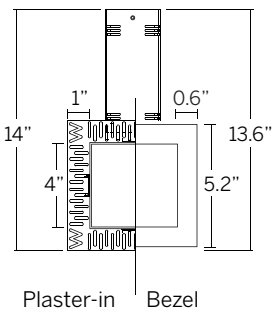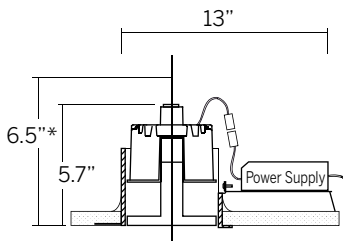# 100 Square Downlight LED Specifications

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4 inch square recessed luminaire with bezel trim or trimless 'plaster-in' for absolute minimal visual impact. Adjustable frosted diffuser with flush or regressed position.

Plaster-in   Bezel

cut-out dimensions Ø 4 3/4"
*requires 6.5" clearance to install junction box

Ordering Information

Model	LED[1]	Rated Lumens	Beam Angle	Voltage	Power Supply[2]	Diffuser
WG-P100SDL plaster-in **WG-B100SDL** bezel	<u>80 CRI</u> XTA-827 XTA-830 XTA-835 XTA-840	**2000** 19.5W **1490** 13.6W	25 46	UNV	S D010 D3W DES[3]	FR MP
	<u>95 CRI</u> XTA-927 XTA-930 XTA-935 XTA-940	**1300** 15.6W **965** 10.9W		120	DFPN[3]	

Luminaire
- Bezel trim or trimless 'plaster-in' 4" square for drywall ceilings.
- Installation from below for remodel or new construction.
- 'Easy click' tool free installation of diecast aluminum lamp insert module.
- Die-cast aluminum trim housing with heavy gauge galvanized steel yoke with removable jbox from below ceiling.
- Pre-wired with a 'Plug and Play' electrical connection.
- Adjustable frosted diffuser with flush or regressed position.
- Powdercoat painted white - RAL 9010.

LED[1]
- **Xicato 80 Series, 80 CRI**
  - XTA-827 = 2700K
  - XTA-830 = 3000K
  - XTA-835 = 3500K
  - XTA-840 = 4000K
- **Xicato Artist Series, 95 CRI**
  - XTA-927 = 2700K
  - XTA-930 = 3000K
  - XTA-935 = 3500K
  - XTA-940 = 4000K

Rated Lumens
- **Xicato 80 Series**
  - 2000 = 2000 lm @ 700mA, 19.5W (3K)
  - 1490 = 1490 lm @ 500mA, 13.6W (3K)
- **Xicato Artist Series**
  - 1300 = 1300 lm @ 700mA, 15.6W (3K)
  - 965 = 965 lm @ 500mA, 10.9W (3K)

Beam Angle
- 25 = 24.7° accent illumination
- 46 = 46.3° general illumination

Voltage
- UNV = 120-277V
- 120 = 120V

Power Supply[2]
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V dimming, 120-277V
- D3W = Lutron, 1%, 3-wire fluorescent dimming, 120-277V
- DES = Lutron, 1%, EcoSystem E1/E2 digital dimming, 120-277V[3]
- DFPN = Lutron 1% forward phase with neutral, 120V only[3]

Diffuser (frosted diffuser standard)
- FR = frosted diffuser
- MP = micro prism glass

Emergency
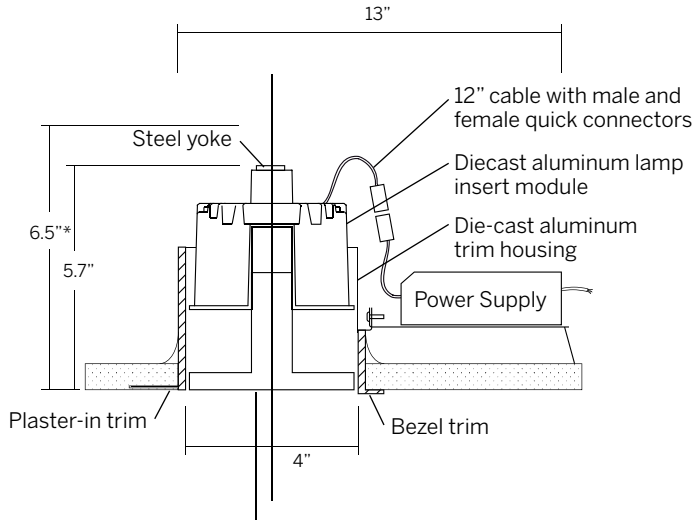- Emergency LED driver available, order seperately.

[1]Other lumen packages available, consult factory.
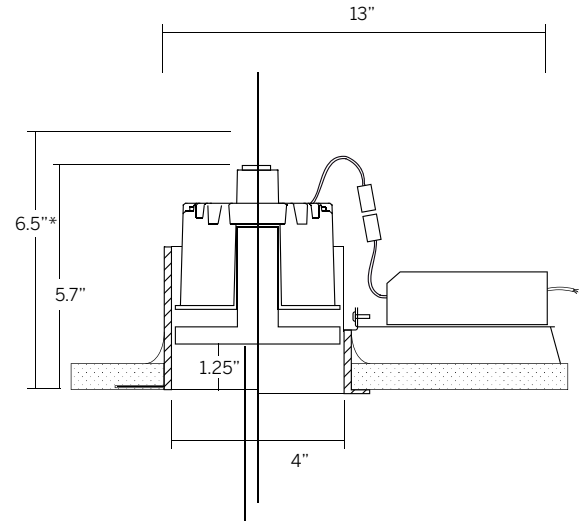[2]See power supply page for details.
[3]Consult factory for lead-times.

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100 Square Downlight LED Dimensions

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13"

Steel yoke

12" cable with male and female quick connectors

Diecast aluminum lamp insert module

Die-cast aluminum trim housing

6.5"*

5.7"

Power Supply

Plaster-in trim

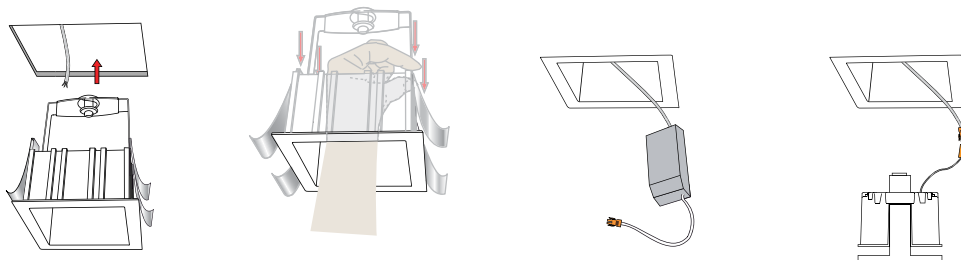Bezel trim

4"

Frosted diffuser (flush position)

13"

6.5"*

5.7"

1.25"

4"

Frosted diffuser (regressed position)

*requires 6.5" clearance to install junction box
cut-out dimensions Ø 4 3/4"
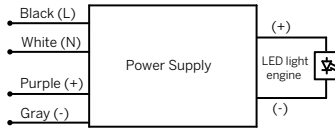*See power supply page for details.*
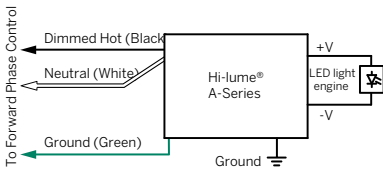
Plaster-in instructions

Bezel instructions

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100 Square Downlight LED Power Supplies

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S (Standard non-dim)

Black (L)
White (N)
Power Supply
(+)
LED light engine
(-)

D010 (EldoLED 0-10V)

Black (L)
White (N)
Purple (+)
Gray (-)
Power Supply
(+)
LED light engine
(-)
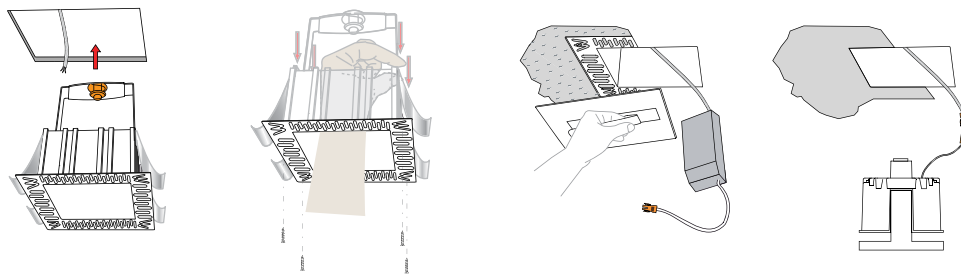
DFPN (1% Lutron forward phase with neutral)

To Forward Phase Control
Dimmed Hot (Black)
Neutral (White)
Ground (Green)
Hi-lume® A-Series
+V
LED light engine
-V
Ground

Note: Colors shown correspond to terminal blocks on driver.

DW3 (Lutron 1%, 3-wire)

To 3-wire Dimming Control
Switched Hot (Black)
Dimmed Hot (Orange)
Neutral (White)
Ground (Green)
Hi-lume® A-Series
+V
LED light engine
-V
Ground
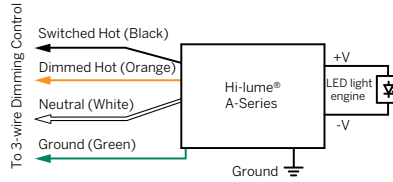
DES (Lutron 1% EcoSystem® digital)

To Line Voltage
Switched Hot (Black)
Neutral (White)
Ground (Green)
To EcoSystem® Digital Link
E1 (Purple)
E2 (Purple)
Hi-lume® A-Series
+V
LED light engine
-V
Ground

Note: Colors shown correspond to terminal blocks on driver.

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