

# Biax Quick Connect

Project: \_\_\_\_\_

Date: \_\_\_\_\_

Catalog #: \_\_\_\_\_

Notes: \_\_\_\_\_

The **ESL Vision Quick Connect series** is the premier LED upgrade solution for fluorescent fixtures. The QC lamps utilize external driver technology enabling an extended life and a **NON** limited warranty of 7 years. This series is designed with the same form factor as the existing Biax allowing for a quick retrofit. The tombstones are designed to hold the lamp in place while delivering power through the quick connect.

## Key Features & Benefits:

- No power to the tombstones:
  - Does not use any existing wiring
  - Works with shunted and non-shunted tombstones
  - Tombstones are only used for mounting
  - Drivers easily mount into existing ballast slots
  - Quick connectors make installation from driver to lamp a snap
- 7 year non-limited warranty
- 8" Single lamps operate at 6W
- 17" Single lamps operate at 15W
- 22" Single lamps operate at 15W
- Lumen options from 1,575 lm - 1,680 lm
- L70 > 50,000 hours
- Up to 112 lumens per watt
- CRI >80



## Technical Data

### Driver Specifications

Input Power: 15 Watts  
 Driver Output: Single Output  
 Input Voltage: 120 - 277 VAC  
 Input Current @ 120V: 0.125 Amps  
 Input Current @ 277V: 0.054 Amps  
 Total Harmonic Distortion (THD): <20%  
 Output Voltage: 30-42 VDC  
 Output Current: 350 mA  
 Power Factor: >95%

## 17" Biax - 15 Watts



## Technical Data Continued

### Light Specifications

Lumen Output: Up to 1,680 Lumens  
 Efficacy (lm/W): Up to 112 Lumens per Watt  
 Correlated Color Temperature (CCT): 3000K, 3500K, 4000K, 5000K  
 Color Rendering Index (CRI): >80  
 Housing Material: Aluminum  
 Rated Life (hrs): 50,000 Hours  
 Base Type: 2G11

### Dimensions and Weights

Tube Dimensions (ØxLxW): 0.75" x 16.3" x 1.75"  
 External Driver Dimensions (WxL): 1.57" x 3.78"  
 Tube Weight (lbs): 0.3 Pounds  
 Driver Weight (lbs): 0.1 Pounds  
 Total Weight (lbs): 0.4 Pounds

## Technical Specifications

Part Number	Lens	Correlated Color Temperature (CCT)	Driver Output	Lumen Output	Efficacy (lm/W)	Color Rendering Index (CRI)	Rated Life (hrs)	Base Type	Beam Angle
ESL-2G11-17-F30-DQC1-15W-1L	Frosted	3000K	Single Output	1575	105	>80	50,000	2G11	120°
ESL-2G11-17-F35-DQC1-15W-1L	Frosted	3500K	Single Output	1620	108	>80	50,000	2G11	120°
ESL-2G11-17-F40-DQC1-15W-1L	Frosted	4000K	Single Output	1650	110	>80	50,000	2G11	120°
ESL-2G11-17-F50-DQC1-15W-1L	Frosted	5000K	Single Output	1680	112	>80	50,000	2G11	120°

## Kit Reference Guide

ESL	-	2G11	-	17	-			-	DQC	1	-	15W	-	1L
ESL	-	2G11	-	Length	-	Lens	Color	-	Driver	Generation	-	Watts	-	Lamp Count
		2G11		17" Biax 22" Biax		F (Frosted)	30 (3000 Kelvin) 35 (3500 Kelvin) 40 (4000 Kelvin) 50 (5000 Kelvin)			1 (Generation)		15W		1L (One Lamp)

## Dimensions

