

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: 6 Watts
 Driver Output: Single Output
 Input Voltage: 120 - 277 VAC
 Input Current @ 120V: 0.050 Amps
 Input Current @ 277V: 0.022 Amps
 Total Harmonic Distortion (THD): <20%
 Output Voltage: 10-24 VDC
 Output Current: 300 mA
 Power Factor: >95%

8" Biax - 6 Watts



Technical Data Continued

Light Specifications

Lumen Output: Up to 672 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 8.9" x 1.75"
 External Driver Dimensions (WxL): 1.38" x 2.36"
 Tube Weight (lbs): 0.1 Pounds
 Driver Weight (lbs): 0.1 Pounds
 Total Weight (lbs): 0.2 Pounds

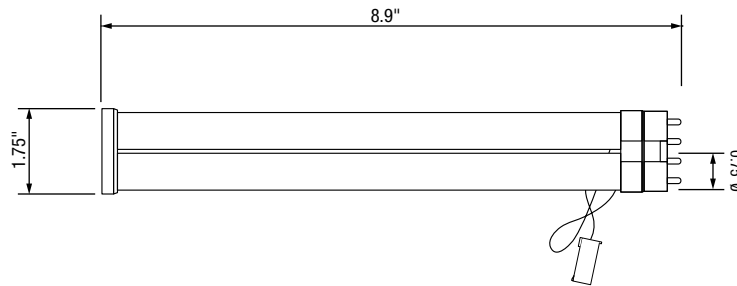
Technical Specifications

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-2G11-8-F30-DQC1-6W-1L	Frosted	3000K	Single Output	630	105	>80	50,000	2G11	120°
ESL-2G11-8-F35-DQC1-6W-1L	Frosted	3500K	Single Output	648	108	>80	50,000	2G11	120°
ESL-2G11-8-F40-DQC1-6W-1L	Frosted	4000K	Single Output	660	110	>80	50,000	2G11	120°
ESL-2G11-8-F50-DQC1-6W-1L	Frosted	5000K	Single Output	672	112	>80	50,000	2G11	120°

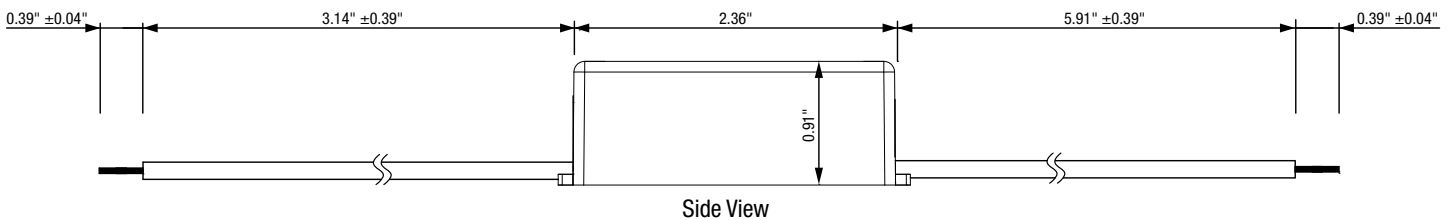
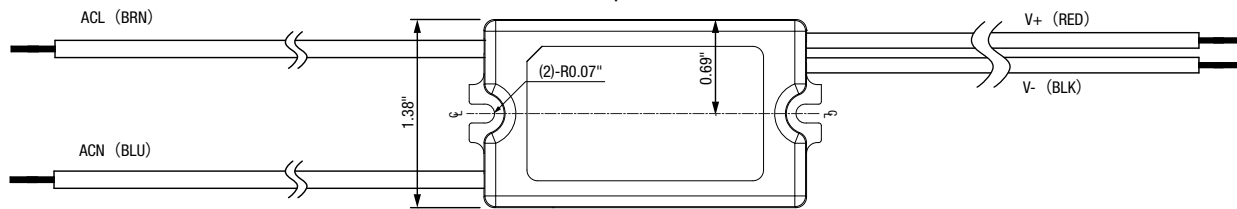
Kit Reference Guide

ESL	-	2G11	-	8	-			-	DQC	1	-	6W	-	1L
ESL	-	2G11	-	Length	-	Lens	Color	-	Driver	Generation	-	Watts	-	Lamp Count
		2G11		8" Biax		F (Frosted)	30 (3000 Kelvin) 35 (3500 Kelvin) 40 (4000 Kelvin) 50 (5000 Kelvin)			1 (Generation)		6W		1L (One Lamp)

Dimensions



Top View



Side View