

Biax DIMM 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
- Triac Dimmable
 - 120 VAC



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 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%

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-TD	Frosted	3000K	Single Output	1575	105	>80	50,000	2G11	120°
ESL-2G11-17-F35-DQC1-15W-1L-TD	Frosted	3500K	Single Output	1620	108	>80	50,000	2G11	120°
ESL-2G11-17-F40-DQC1-15W-1L-TD	Frosted	4000K	Single Output	1650	110	>80	50,000	2G11	120°
ESL-2G11-17-F50-DQC1-15W-1L-TD	Frosted	5000K	Single Output	1680	112	>80	50,000	2G11	120°

Kit Reference Guide

ESL	-	2G11	-	17	-		-	DQC	1	-	15W	-	1L	-	TD
ESL	-	2G11	-	Length	-	Lens	-	Driver	Generation	-	Watts	-	Lamp Count	-	Triac Dimming
		2G11		17" Biax 22" Biax		F (Frosted)			1 (Generation)		15W		1L (One Lamp)		TD (120V)

Dimensions

