



Traffic Signal and Street Light Division
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Approved LED Street Light Fixtures

The following fixture list is intended for new roadway lighting within the public right of way. The following fixtures have been analyzed and were determined to meet surface illumination and fixture performance standards listed in Section 23-3.16 of the City of Fresno Public Works Standard Specifications. Lighting designs that refer to this approved fixture list can be approved without the required illumination analysis provided maximum pole spacing, heights, and arm lengths as indicated in the Public Works Standard Specifications are provided. The actual fixture to be installed should be current on this list when ordering for construction. This list will be updated as needed as new models are analyzed and fixture efficiency improves.

Local Streets and Mid-Block of Major Streets

(Formerly 70w High Pressure Sodium)

Manufacturer	Product Line	Model Number	Power	Dates	
GE Lighting	Evolve LED Low Wattage	ERL1_03_B1_40_A_GRAY 120-277V	25W	Effective 6/01/2016	
American Electric	Autobahn ATB0	ATB0 20BLEDE53 MVOLT R2 RFD196147 P7	29 W	Effective 06/01/2016	
LEOTEK	GreenCobra Junior GCjr	GCJ1-20G-MV-NW-2-GY- 425-FDC-PCR7-WL	29W	Effective 06/01/2016	

Superseded Fixtures

Manufacturer	Product Line	Model Number	Power	Dates	
GE Lighting	Evolve LED Low Wattage	ERL1_A7_B1_40_A_GRAY 120-277V	29W	Effective 8/1/2015 Superseded 6/01/2016	

Local Cul-De-Sac Fixture

(see Standard Drawing E-12)

Manufacturer	Product Line	Model Number	Power	Dates	
GE Lighting	Evolve LED Low Wattage	ERL1_03_D1_40_A_GRAY 120-277V	25W	Effective 6/01/2016	
American Electric	Autobahn ATB0	ATB0 20BLEDE53 MVOLT R4 RFD196147 P7	29 W	Effective 06/01/2016	

Superseded Fixtures

Manufacturer	Product Line	Model Number	Power	Dates	
GE Lighting	Evolve LED Low Wattage	ERL1_A7_D1_40_A_GRAY 120-277V	29W	Effective 8/1/2015 Superseded 6/01/2016	

Notes:

Superseded dates refer to the date that plans were approved. If a fixture has a listed superseded date, that fixture will be allowed for installation after the superseded date if the streetlight plans were approved by the City prior to that date.

Safety Lights - Major Intersections (including traffic signals)

(Formerly 150W HPS)

Manufacturer	Product Line	Model Number	Power	Dates	
Cree	XPS2	BXSPA3HC-U-SV-N	83 W	Effective 08/1/2015	
American Electric	Autobahn ATB0	ATB0 30BLEDE85 MVOLT R2 NL P7	86W	Effective 06/01/2016	
LEOTEK	GreenCobra GC1	GCM2-40F-MV-NW-2-GY- 700-FDC-PCR7-WL	85W	Effective 08/1/2015	
LEOTEK	GreenCobra Midsize GCM	GCM2-40F-MV-NW-2-GY- 700-FDC-PCR7-WL	88W	Effective 6/01/2016	
GE Lighting	Evolve LED High Output (ERLH)	ERLH_10D140-A-GRAY	90 W	Effective 6/01/2016	
GE Lighting	Evolve LED Scalable (ERS1)	ERS1_10D1X40-A-GRAY	90 W	Effective 6/01/2016	

Superseded Fixtures

Manufacturer	Product Line	Model Number	Power	Dates	
American Electric	Autobahn ATB0	ATB0 30BLED E85 MVOLT R3 P7	88 W	Effective 08/1/2015 Superseded 6/01/2016	
Cree	LEDway 50	STR-LWY-2S-HT-05-E-UL- SV-525-40K, DIM-UTL (7 pin PE Receptacle)	86 W	Effective 04/10/2015 Superseded 06/01/2016	

Notes:

Superseded dates refer to the date that plans were approved. If a fixture has a listed superseded date, that fixture will be allowed for installation after the superseded date if the streetlight plans were approved by the City prior to that date

Approved Electronic Photo Control (PEC) for LED Street Light Fixtures

The following PEC list is intended for use with LED roadway lighting within the City of Fresno public right of way. The following three-pin twist lock PEC devices have been reviewed and were determined to meet the performance standards listed in Section 23-3.17 of the City of Fresno Public Works Standard Specifications for new LED street light luminaires. The actual PEC to be installed should be current on this list when ordering for construction. This list will be updated as needed as new models and manufacturers are identified and evaluated.

Manufacturer	Product Line	Model Number	Dates
Acuity Controls DTL	DLL Elite	DLL127 120-277V 1.5 BL	Effective 6/1/2016
Intermatic	Specifier Grade	LED4536SC	Effective 6/1/2016
NSI Industries TORK	5200-UL	5237-UL/105-304VAC/1.5 ANSI STD./ON	Effective 6/1/2016
NSI Industries TORK	ZTL Long Life	ZTL 124 510J	Effective 6/1/2016
Ripley Lighting Controls	Long Life II	6390LL	Effective 6/1/2016

Notes:

Superseded dates refer to the date that plans were approved. If a fixture has a listed superseded date, that fixture will be allowed for installation after the superseded date if the streetlight plans were approved by the City prior to that date.