

Pre-Qualified LED Street Light Fixtures

Application	Manufacturer	Product Name	IES Distribution Type	Approved System watts	Verified Total Lumens	Color Temp	Approved	Manufacturer Web-Site
Street Lighting	Beta Lighting	BLD-STR-T2-HT-017-LED-B-525	Type II	42	2070	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-025-LED-B-525	Type II	60	3105	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-034-LED-B-525	Type II	84	4140	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-042-LED-B-525	Type II	99	5175	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-051-LED-B-525	Type II	117	6210	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-068-LED-B-525	Type II	159	8280	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-076-LED-B-525	Type II	179	9315	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-085-LED-B-525	Type II	198	10350	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-092-LED-B-525	Type II	216	11385	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T2-HT-102-LED-B-525	Type II	234	12420	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-017-LED-B-525	Type III	42	2220	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-025-LED-B-525	Type III	60	3330	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-034-LED-B-525	Type III	84	4440	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-042-LED-B-525	Type III	99	5550	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-051-LED-B-525	Type III	117	6660	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-068-LED-B-525	Type III	159	8880	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-076-LED-B-525	Type III	179	9990	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-085-LED-B-525	Type III	198	11100	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-092-LED-B-525	Type III	216	12210	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	BLD-STR-T3-HT-102-LED-B-525	Type III	234	13320	6227	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-02-LED-C-UL-SV-R-UTL	Type II	37	2326	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-03-LED-C-UL-SV-R-UTL	Type II	54	3489	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-04-LED-C-UL-SV-R-UTL	Type II	70	4652	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-05-LED-C-UL-SV-R-UTL	Type II	90	5530	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-06-LED-C-UL-SV-R-UTL	Type II	106	6636	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-08-LED-C-UL-SV-R-UTL	Type II	139	9152	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-09-LED-C-UL-SV-R-UTL	Type II	163	9954	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-10-LED-C-UL-SV-R-UTL	Type II	181	11060	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-11-LED-C-UL-SV-R-UTL	Type II	199	12166	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-2M-HT-12-LED-C-UL-SV-R-UTL	Type II	216	13272	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-02-LED-C-UL-SV-R-UTL	Type III	37	2242	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-03-LED-C-UL-SV-R-UTL	Type III	54	3363	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-04-LED-C-UL-SV-R-UTL	Type III	70	4484	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-05-LED-C-UL-SV-R-UTL	Type III	90	5330	5638	Yes	www.betaled.com

All street lighting luminaires must include a **Fixture Wattage Label** indentifying total input wattage
 Material: .002" heat-resistant polyester with permanent adhesive, White legend 1 ½" high on Dark Green background, .001" clear UV-inhibiting
 Tedlar lamination, size 3" x 3", slit liner for ease of installation.

These fixtures have been approved by the PG&E LED Street Light Program to be eligible rebates and incentives

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Application	Manufacturer	Product Name	IES Distribution Type	Approved System watts	Verified Total Lumens	Color Temp	Approved	Manufacturer Web-Site
Street Lighting	Beta Lighting	STR-LWY-3M-HT-06-LED-C-UL-SV-R-UTL	Type III	106	6396	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-08-LED-C-UL-SV-R-UTL	Type III	139	8816	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-09-LED-C-UL-SV-R-UTL	Type III	163	9594	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-10-LED-C-UL-SV-R-UTL	Type III	181	10660	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-11-LED-C-UL-SV-R-UTL	Type III	199	11726	5638	Yes	www.betaled.com
Street Lighting	Beta Lighting	STR-LWY-3M-HT-12-LED-C-UL-SV-R-UTL	Type III	216	12792	5638	Yes	www.betaled.com
Parking Garage/Low Bay	Beta Lighting	BLD-PKG-T5-DM-O34-LED-B-UL	Type V	54	3136	6227	yes	www.betaled.com
Street Lighting	Cooper Streetworks	OVH02LEDEU2	Type II	33	1611	5432	Yes	www.streetworkslighting.com
Street Lighting	Cooper Streetworks	OVH01LEDEU2	Type II	62	3221	5432	Yes	www.streetworkslighting.com
Street Lighting	Cooper Streetworks	OVH03LEDEU2	Type II	94	4832	5432	Yes	www.streetworkslighting.com
Street Lighting	Cooper Streetworks	OVH04LEDEU2	Type II	104		5432	yes	www.streetworkslighting.com
Street Lighting	LED Roadway Lighting	S6800-1-C-GS-2-N0-0	Type II	97	6825	5380	Yes	www.ledroadwaylighting.com
Street Lighting	LED Roadway Lighting	S6200-1-C-GS-2-N0-0	Type II	89	6250	5704	Yes	www.ledroadwaylighting.com
Street Lighting	LED Roadway Lighting	S4650-1-C-GS-2-N0-0	Type II	64	4739	5610	Yes	www.ledroadwaylighting.com
Street Lighting	LED Roadway Lighting	S3100-1-C-GS-2-N0-0	Type II	43	3204	5620	Yes	www.ledroadwaylighting.com
Street Lighting	LED Roadway Lighting	S1550-1-C-GS-2-N0-0	Type II	22	1593	5550	Yes	www.ledroadwaylighting.com
Street Lighting	Leo-tek	SLN-024-MV-CW-2s-GY	Type II				Pending	www.leotek.com
Street Lighting	Leo-tek	SLN-036-MV-CW-2s-GY	Type II	37	2654	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-048-MV-CW-2s-GY	Type II	49	3389	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-084-MV-CW-2s-GY	Type II	77	5689	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-102-MV-CW-2s-GY	Type II	98	9731	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-156-MV-CW-2s-GY	Type II	144	7223	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-024-MV-CW-3m-GY	Type III				Pending	www.leotek.com
Street Lighting	Leo-tek	SLN-036-MV-CW-3m-GY	Type III	37	2654	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-048-MV-CW-3m-GY	Type III	49	3389	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-084-MV-CW-3m-GY	Type III	77	5689	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-102-MV-CW-3m-GY	Type III	98	9731	5500	Yes	www.leotek.com
Street Lighting	Leo-tek	SLN-156-MV-CW-3m-GY	Type III	144	7223	5500	Yes	www.leotek.com
Parking Garage/Low Bay	Lighting Science Group	PLB-CW-45-CLR-mounting-Gen2-	Area	77	5070	6392	Yes	www.lsgc.com

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Street Lighting	LSI industries	XRM 2 LED 119 CW UE - PCR/TE	Type II	139	9912	6232	Yes	www.lsi-industries.com
Street Lighting	LSI industries	XRM 3 LED 119 CW UE - PCR/TE	Type III	139	8225	6232	Yes	www.lsi-industries.com
Street Lighting	LSI industries	XRM 5 LED 119 CW UE - PCR/TE	Type V	139	9434	6232	Yes	www.lsi-industries.com
Street Lighting	LSI industries	XRS 2 LED 63 CW UE - PCR/TE	Type II	77	5103	6039	Yes	www.lsi-industries.com
Street Lighting	LSI industries	XRS 3 LED 63 CW UE - PCR/TE	Type III	77	4355	6039	Yes	www.lsi-industries.com
Street Lighting	LSI industries	XRS 5 LED 63 CW UE - PCR/TE	Type V	77	4221	6039	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAM 2 LED 119 CW UE	Type II	139	9912	6232	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAM 3 LED 119 CW UE	Type III	139	8225	6232	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAM 5 LED 119 CW UE	Type V	139	9434	6232	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAS 2 LED 63 CW UE	Type II	77	5103	6039	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAS 3 LED 63 CW UE	Type III	77	4355	6039	Yes	www.lsi-industries.com
Area Lighting	LSI industries	XAS 5 LED 63 CW UE	Type V	77	4221	6039	Yes	www.lsi-industries.com
Wall Mount	LSI industries	XAWM 2 LED 119 CW UE	Type II	139	9912	6232	Yes	www.lsi-industries.com
Wall Mount	LSI industries	XAWM 3 LED 119 CW UE	Type III	139	8225	6232	Yes	www.lsi-industries.com
Wall Mount	LSI industries	XAWS 2 LED 63 CW UE	Type II	77	5103	6039	Yes	www.lsi-industries.com
Wall Mount	LSI industries	XAWS 3 LED 63 CW UE	Type III	77	4355	6039	Yes	www.lsi-industries.com
Dock Lighting	Precesion P ₂ Paragon	TMD-24w-SP-60K-18c-UL-350-C3	Spot	21	1323	6381	Yes	www.p-2.com
Dock Lighting	Precesion P ₂ Paragon	TMD-24w-FL-60K-18c-UL-350-C3	Flood	21	1350	5880	Yes	www.p-2.com
Dock Lighting	Precesion P ₂ Paragon	TMD-15w-SP-60K-12c-UL-350-C3	Spot	14	861	6115	Yes	www.p-2.com
Dock Lighting	Precesion P ₂ Paragon	TMD-15w-SP-60K-12c-UL-350-C3	Flood	13	783	6122	Yes	www.p-2.com

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Pre-Qualified LED Street Light Fixtures

Non-Energy Star Applications – Manufacturers must Submit Product Information and Testing Results to CA-IOU’s for qualification

Application	Min Light Output	Zonal Lumen Density	Minimum Luminaire Efficacy	Allowable CCTs	Minimum CRI	Minimum L70 Lifetime
1. Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	<u>under review</u>	100% 0-90°, <10 % 80-90° plus meet IES Type I, II, III, IV, or V	50 L/w	< 6500K	70	50,000 hrs
2. Outdoor Pole/Arm-Mounted Decorative Luminaires	<u>under review</u>	95% 0-90°	50 L/w	< 6500K	70	50,000 hrs
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3. Outdoor Wall-Mounted Area Luminaires	<u>under review</u>	100% 0-90°, <10 % 80-90°	50 L/w	< 6500K	70	50,000 hrs
4. Parking Garage, Canopy & Low-bay Luminaires	<u>under review</u>	>20% 60-70°, >15% 70-80°	50 L/w	< 6500K	70	50,000 hrs
5. Exterior Directional Lighting Fixture, includes Dock Lighting and Spot/Flood Lighting	<u>under review</u>	>85% 0-90°	50 L/w	< 6500K	70	50,000 hrs
6. Interior Track or Mono-point Directional Lighting Fixtures	<u>under review</u>	>85% 0-90°	30 L/w	< 5000K	75	35,000 hrs

General Conditions

<input type="checkbox"/> Color temperature (CCT)	NTE 5000k for Interior / NTE 6500k for Exterior
<input type="checkbox"/> Color Rendering Index (CRI)	> 75 for Interior / ≥ 70 for Exterior
<input type="checkbox"/> Off-State Power	(Must be zero)
<input type="checkbox"/> Power Factor	(>0.9)
<input type="checkbox"/> THD	(<20%)
<input type="checkbox"/> UL File #	Required
<input type="checkbox"/> Manufacturer Warranty	Minimum 5-year

Required Test reports and attachments

1. LM 79 Test Report
2. IES File
3. LED LM 80 Test Report
4. In-situ Temperature Test Report
5. Lifetime Determination Statement
6. Product literature and warranty