



# LED Fixtures

## City of Los Angeles Department of Public Works Bureau of Street Lighting



**Bold is the latest approved from each manufacturer**

These products have been tested and approved by the Energy Efficiency Division. This chart will be updated as new technology becomes available. It is recommended that designers use the lowest wattage that meets lighting criteria. Italicized numbers are aesthetic options and are optional. Locked .ies files should be used for final design purposes. *The fact that approved LED luminaires are grouped together as HPS equivalent does not make them "equal" and any substitutions to the plan material list must be demonstrated to meet IES requirements and be approved by the project engineer.*

**\*LARGER AND SMALLER SIZES AVAILABLE, DESIGNER SHOULD DETERMINE WHAT SIZE/COLOR IS APPROPRIATE FOR PARTICULAR DESIGN**

**\*\* SEE IES FOLDER FOR APPROVED DRAWING**

**Δ APPROVED IES FILE GENERATED BY INDEPENDENT LIGHTING LAB**

**DOUBLE UNDERLINES INDICATE AS BUY AMERICA COMPLIANCE**

Local Streets: Type II	3,000 - 4,000 lumen (70W & 100W HPS)	<u>Leotek GreenCobra GCJ1 30J@420mA*</u>	GCJ1-30J-MV-30K-2R-GY-040-PCR7-CR**	27 W**
		SolarMax SMX*Δ	SMX-27WIE-NV-LL5-PH-3070-T302-P-10-FA @ #2	27 W
		<u>EOI SLx3-S</u>	ESU-FA012P01630S	28 W
		<u>GE Evolve ERLC Δ</u>	ERLC-0-04-B5-30-A-GRAY-LV1	28 W
		<u>Leotek GreenCobra GCJ1 20H@450mA* (superseded)</u>	GCJ1-20H-MV-WW-2R-GY-450-PCR7-CR**	29 W**
		<u>Cree XSPR - HO (HIGH OUTPUT) @ DIAL #4</u>	BXSPR-HO-HT-3ME-60W-30K-UL-SV-N-Q4	33 W
		<u>Leotek GreenCobra 20F (superseded)Δ</u>	GC1-20F-MV-WW-2-GY-530-PCR7-CR	35 W
		<u>Leotek GreenCobra 30E (superseded)</u>	GC1-30E-MV-NW-2-GY-350-PCR7	36 W
	Philips Roadfocus RFS @ DIAL #4	RFS-54W16LED3K-T-R2M-UNIV-DMG-FAWS-RCD7-GY3	38 W	
Collector Streets: Type II	6,000 - 7,000 lumen (150W HPS)	<u>Leotek GreenCobra GCJ1 30J@530mA*</u>	GCJ1-30J-MV-30K-2R-GY-050-PCR7-CR**	34 W**
		<u>GE Evolve ERLC Δ</u>	ERLC-0-05-B5-30-A-GRAY-LV1	36 W
		Cree Traveyo TRVMD Δ	TRVMD-A-HT-2ME-8L-30K7-UL-GY-N-20KV-W10-Q5	40 W
		Truly Green Solutions RWL2*Δ	RWL2-S-70-30-U-P7S-2-G-FS-SP20-FF-LA @ Gear 6	40 W
		<u>Cree XSPSM 8L @ Dial #6</u>	XSPSM-D-HT-3ME-8L-30K7-UL-SV-N-Q6	60 W
		Philips Roadfocus RFM @ DIAL #5	RFM-72W32LED3K-T-R2M-UNIV-DMG-FAWS-RCD7-GY3	54 W
		<u>Leotek GreenCobra GCJ2 20H@900mA* (superseded)</u>	GCJ2-20H-MV-WW-2R-GY-900-PCR7-CR**	58 W**
		<u>Cree XSPR - HO (HIGH OUTPUT) @ DIAL #6</u>	BXSPR-HO-HT-3ME-60W-30K-UL-SV-N-Q6	43 W
	<u>Cree XSP1 - HO (HIGH OUTPUT) @ DIAL #5</u>	BXSP1-HO-HT-2ME-100W-30K-UL-SV-N-Q5	61 W	

## Major Streets: Type III

7,500 - 9,000 lumen (200W HPS)	Cree Traveyo TRVMD Δ	TRVMD-A-HT-3ME-8L-30K7-UL-GY-N-20KV-W10-Q9	57 W
	<u>Leotek GreenCobra GCM1 60J@480mA*</u>	GCM1-60J-MV-30K-3R-GY-090-PCR7-CR**	59 W**
	<u>GE Evolve ERL1 Δ</u>	ERL1-0-08-C5-30-A-GRAY-L-V1	59 W
	Truly Green Solutions RWL2*Δ	RWL2-S-70-30-U-P7S-3-G-FS-SP20-FF-LA @ Gear 9	60 W
	<u>Cree XSPR - HO (HIGH OUTPUT) @ DIAL #9</u>	BXSPR-HO-HT-3ME-60W-30K-UL-SV-N-Q9	60 W
9,000 - 10,000 lumen (250W HPS)	<u>Cree XSPSM 8L @ DIAL #9</u>	XSPSM-D-HT-3ME-8L-30K7-UL-SV-N-Q9	70 W
	<u>Cree XSPLG 18L @ DIAL #1</u>	XSPLG-D-HT-3ME-18L-30K7-UL-SV-N-Q1	70 W
	<u>Leotek GreenCobra 30H@700mA*(superseded)</u>	GCM2-30H-MV-WW-3R-GY-700-PCR7-CR**	68 W**
	<u>Cree XSP1 - HO (HIGH OUTPUT) @ DIAL #7</u>	BXSP1-HO-HT-3ME-100W-30K-UL-SV-N-Q7	79 W
	<u>Leotek GreenCobra GCM1 60J@530mA*</u>	GCM1-60J-MV-30K-3R-GY-100-PCR7-CR**	65 W**
10,500 - 12,000 lumen (310W HPS)	<u>GE Evolve ERL1 Δ</u>	ERL1-0-09-C5-30-A-GRAY-L-V1	68 W
	<u>Cree XSPLG 18L @ DIAL #2</u>	XSPLG-D-HT-3ME-18L-30K7-UL-SV-N-Q2	80 W
	<u>Leotek GreenCobra 40H@ 700mA*(superseded)</u>	GCM2-40H-MV-WW-3R-GY-700-PCR7-CR**	88 W**
	<u>Cree XSP1 - HO (HIGH OUTPUT) @ DIAL #9</u>	BXSP1-HO-HT-3ME-100W-30K-UL-SV-N-Q9	99 W
	<u>Cree XSP2 @ A (mid-block) (superseded)</u>	BXSP9147LAŞ-A BXSPA03HA - USQR-7PIN-30K	101W
13,000 - 16,000 lumen (400W HPS)	<u>Leotek GreenCobra GCM1 60J@650mA*</u>	GCM1-60J-MV-30K-3R-GY-120-PCR7-CR**	80 W**
	<u>Cree XSPLG 18L @ DIAL #3</u>	XSPLG-D-HT-3ME-18L-30K7-UL-SV-N-Q3	90W
	<u>Leotek GreenCobra 40H @ 850mA*(superseded)</u>	GCM2-40H-MV-WW-3R-GY-850-PCR7-CR**	107 W**
	<u>Cree XSP2 - HO (HIGH OUTPUT) @ DIAL #7</u>	BXSP2-HO-HT-3ME-165W-30K-UL-SV-N-Q7	131 W
	<u>Cree XSP2L @ O (mid-block) (superseded)Δ</u>	BXSP9180&-O BXSPA03HO - USQR-7PIN-30K	114 W
Over 16,000 lumen (400W HPS+)	<u>Leotek GreenCobra 100E (superseded)</u>	GC2-100E-MV-NW-3-GY-530-PCR7	175 W
	<u>Leotek GreenCobra GCM3 60J@900mA*</u>	GCM3-60J-MV-30K-3R-GY-160-PCR7-CR**	111 W**
	<u>Cree XSPLG 18L Cobrahead @ DIAL #6</u>	XSPLG-D-HT-3ME-18L-30K7-UL-SV-N-Q6	120 W**
	<u>Leotek GreenCobra 40H @ 950mA*(superseded)</u>	GCM2-40H-MV-WW-3R-GY-950-PCR7-CR**	121 W**
	<u>Cree XSP2 - HO (HIGH OUTPUT) @ DIAL #9</u>	BXSP2-HO-HT-3ME-165W-30K-UL-SV-N-Q9	165 W
Over 16,000 lumen (400W HPS+)	<u>Leotek GreenCobra 90F@530mA*(superseded)Δ</u>	GC2-90F-MV-WW-3-GY-530-PCR7-CR**	150 W**
	<u>Cree XSP2L @ L (mid-block) (superseded)Δ</u>	BXSP9180&-L BXSPA03HL - USQR-7PIN-30K	168 W
	Hadco RX 120	RX2120I3NA5RNAN	208 W
	<u>Leotek GreenKingCobra 120F@700mA*Δ</u>	GC2-120F-MV-WW-3-GY-700-PCR7-CR**	260 W**
	Hadco RX 160	RX2160I3NA5RNAN P7-30K	275 W
American Electric 80B @1000mA	ATB2 80BLEDE10 MVOLT R3 3K P7	284 W	