



LED Fixtures & Solar Roadways



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 Design Std & Specs 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 Eq)	Lumec Roadfocus Plus RPS Δ	RPS-25W40LED-730-G1-R2M-UNV-TLRD7-GY3	25 W
		<u>Cree Guideway Δ</u>	GWY-S-A-4L-30K7-2M-UL-W10	26 W
		<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	27 W
		<u>EOI SLx3-S</u>	ESU-FA012P01630S	28 W
		<u>GE Evolve Δ</u>	ERLC-0-04-B5-30-A-GRAY-G-L	28 W
		<u>Leotek GreenCobra GCJ1 20H@450mA (Discontinued)</u>	GCJ1-20H-MV-WW-2R-GY-450-PCR7-CR**	29 W
		<u>Cree XSPR - HO (HIGH OUTPUT) @ DIAL #4 (Discontinued)</u>	BXSPR-HO-HT-3ME-60W-30K-UL-SV-N-Q4	33 W
	<u>Leotek GreenCobra 20F (Discontinued)Δ</u>	GC1-20F-MV-WW-2-GY-530-PCR7-CR	35 W	
Collector Streets: Type II	6,000 - 7,000 lumen (150W HPS Eq)	<u>Leotek GreenCobra GCJ1 30J@530mA</u>	GCJ1-30J-MV-30K-2R-GY-050-PCR7-CR**	34 W
		<u>GE Evolve Δ</u>	ERLC-0-05-B5-30-A-GRAY-G-L	36 W
		<u>Cree Guideway Δ</u>	GWY-S-A-8L-30K7-2M-UL-W10	39 W
		SolarMax SMX Δ	SMX-39WiE-NV-LL5-00-3070-T302-P-10	39 W
		Truly Green Solutions RWL2 Δ	RWL2-S-40-30-U-P7S-2-G-SP20-FF-LA	40 W
		<u>Cree Traveyo TRVMD Δ (Discontinued)</u>	TRVMD-A-HT-2ME-8L-30K7-UL-GY-N-20KV-W10-Q5	40 W
		Philips Roadfocus RFM @ DIAL #5 (Discontinued)	RFM-72W32LED3K-T-R2M-UNIV-DMG-FAWS-RCD7-GY3	54 W
		<u>Leotek GreenCobra GCJ2 20H@900mA (Discontinued)</u>	GCJ2-20H-MV-WW-2R-GY-900-PCR7-CR**	58 W
	<u>Cree XSPSM 8L @ Dial #6 (Discontinued)</u>	XSPSM-D-HT-3ME-8L-30K7-UL-SV-N-Q6	60 W	

Major Streets: Type III		7,500 - 9,000 lumen (200W HPS Eq)		
		Manufacturer/Model	Wattage	
Major Streets: Type III	7,500 - 9,000 lumen (200W HPS Eq)	Cree Guideway ▲	GWYM-A-10L-30K7-3M-UL-GY-X5	49 W
		SolarMax SMX ▲	SMX-52WiE-NV-LL5-00-3070-T302-P-10	52 W
		Leotek GreenCobra GCM1 60J@480mA	GCM1-60J-MV-30K-3R-GY-090-PCR7-CR**	59 W
		Acuity ACC ▲	ACC-P306-MVOLT-ZT-R3-3K-20K-P7-NBR	59 W
		GE Evolve ▲	ERL1-0-08-C5-30-A-GRAY-G-L	59 W
		Truly Green Solutions RWL2 ▲	RWL2-S-60-30-U-P7S-3-G-SP20-FF-LA	60 W
		Cree Traveyo TRVMD ▲ (Discontinued)	TRVMD-A-HT-3ME-8L-30K7-UL-GY-N-20KV-W10-Q9	57 W
		Cree XSPR - HO (HIGH OUTPUT) @ DIAL #9 (Discontinued)	BXSPR-HO-HT-3ME-60W-30K-UL-SV-N-Q9	60 W
	Leotek GreenCobra 30H@700mA (Discontinued)	GCM2-30H-MV-WW-3R-GY-700-PCR7-CR**	68 W	
	9,000 - 10,000 lumen (250W HPS Eq)	Cree Guideway ▲	GWYM-A-13L-30K7-3M-UL-GY-X5	64 W
		Leotek GreenCobra GCM1 60J@530mA	GCM1-60J-MV-30K-3R-GY-100-PCR7-CR**	65 W
		GE Evolve ▲	ERL1-0-09-C5-30-A-GRAY-G-L	68 W
		SolarMax SMX ▲	SMX-68WiE-NV-LL5-00-3070-T302-P-10	68 W
		Truly Green Solutions RWL2 ▲	RWL2-M-70-30-U-P7S-3-G-SP20-FF-LA	70 W
	Cree Traveyo TRVLG ▲ (Discontinued)	TRVLG-A-HT-2ME-20L-30K7-UL-GY-N20KV-W10-Q3	80 W	
	10,500 - 12,000 lumen (310W HPS Eq)	Leotek GreenCobra GCM1 60J@650mA	GCM1-60J-MV-30K-3R-GY-120-PCR7-CR**	80 W
		Truly Green Solutions RWL2 ▲	RWL2-M-80-30-U-P7S-3-G-SP20-FF-LA	80 W
		SolarMax SMX ▲	SMX-81WiE-NV-LL5-00-3070-T302-P-10	80 W
		Cree Guideway ▲	GWYM-A-13L-30K7-3M-UL-GY	81 W
		Cree Traveyo TRVXL ▲ (Discontinued)	TRVXL-A-HT-2ME-27L-30K7-UL-GY-N20KV-W10-Q1	86 W
Leotek GreenCobra 40H @ 850mA (Discontinued)	GCM2-40H-MV-WW-3R-GY-850-PCR7-CR**	107 W		
13,000 - 16,000 lumen (400W HPS Eq)	Lumec Roadfocus Plus RPM ▲	RPM-100W60LED-730-G1-R2M-UNV-DMG-TLRD7-GY3	100 W	
	SolarMax SMX ▲	SMX-105WiE-NV-LL5-00-3070-T302-P-10	105 W	
	Leotek GreenCobra GCM3 60J@900mA	GCM3-60J-MV-30K-3R-GY-160-PCR7-CR**	111 W	
	Acuity ACM ▲	ACM-P608-MVOLT-ZT-R3-3K-20K-P7-NBR	118 W	
	Cree XSPLG 18L (Discontinued)	XSPLG-D-HT-3ME-18L-30K7-UL-SV-N	120 W	
	Leotek GreenCobra 40H @ 950mA (Discontinued)	GCM2-40H-MV-WW-3R-GY-950-PCR7-CR**	121 W	
	Leotek GreenCobra 90F@530mA (Discontinued) ▲	GC2-90F-MV-WW-3-GY-530-PCR7-CR**	150 W	
Over 16,000 lumen (400W HPS+ Eq)	Cree Guideway ▲	GWY-L-A-25L-30K7-3M-UL-W10	128 W	
	SolarMax SMX ▲	SMX-134WiE-NV-LL5-00-3070-T302-P-10	134 W	
	Truly Green Solutions RWL2 ▲	RWL2-M-165-30-U-P7S-3-G-SP20-FF-LA	165 W	
	Cree Traveyo TRVXL ▲ (Discontinued)	TRVXL-A-HT-2ME-27L-30K7-UL-GY-N20KV-W10-Q6	148 W	
	Leotek GreenKingCobra 120F@700mA ▲ (Discontinued)	GC2-120F-MV-WW-3-GY-700-PCR7-CR**	260 W	

Contact solar manufacturer for site evaluation regarding limitation to: tall buildings, tall trees, banners, restrictive signs, etc.

SOLAR COBRAHEADS	3,000 - 4,000 lumen (Local - 70W & 100W HPS Eq)	<u>First Light Technologies SCL3 (All in One)</u> ⚠	SCL3-HT-XX-T2M-WW-00	24 W
		<u>Cuesta Sol (All in One)</u> ⚠	CS-SIE-2731-25-4500-II-30K-MBX*-Standard Profile	25 W
		<u>First Light Technologies BFL (Separate System)</u> ⚠	BFL-TM-XX-00-HT-XX-T3S-WW	31 W
		<u>Fonroche Smartlight CK 16B (Separate System)</u> ⚠	CK 16B-3K-T4-P310F-4P-HW-MC-10	38 W
	<u>Fonroche Smartlight (Separate System)</u> ⚠ (Discontinued)	RFS-72W32LED-3K-R2M-P305F-4P-HW-MC	41 W	
6,000 - 7,000 lumen (Collector - 150W HPS Eq)	<u>Fonroche Smartlight Essential CK 16B (Separate System)</u> ⚠	CK 16B-3K-T3-P190F-4P-HW-MC-10	35 W	

For All Non-Solar Luminaires: Ubicquia Smart Node Ubicell Catalog No. UBC-30-0-01-NA-01-1-GY with a 10-year warranty catalog No. BNDL-10YR Services