
















LED LIGHT ENGINES
















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STANDARD DRIVE CURRENT (6-42 LEDs)

BULB NAME	# OF LEDs	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
006.LIN	6		6	10-50W	896	7"x1"	L-C-LIN-006-REC-A-[Color Temp]-[Voltage]
012.LIN	12		13	25-75W	1791	7"x2.5"	L-C-LIN-012-REC-A-[Color Temp]-[Voltage]
018.LIN	18		19	50-100W	2687	4"x7"	L-C-LIN-018-REC-A-[Color Temp]-[Voltage] L-C-CUS-18-REC-A-45-MT
021.HEX	21		23	50-125W	3135	4.5"x4.5"	L-C-HEX-021-REC-A-[Color Temp]-[Voltage] L-C-CUS-21-REC-A-45-MT
021.HEX	21		23	50-125W	3135	4.5"	L-C-HEX-021-ROU-A-[Color Temp]-[Voltage] L-C-CUS-21-REC-A-45-MT
024.LIN	24		26	60-125W	3582	5"x7"	L-C-LIN-024-REC-A-[Color Temp]-[Voltage] L-C-CUS-24-REC-A-45-MT
024.LIN	24		26	60-125W	3582	2"x7"	L-C-LIN-024-FIN-A-[Color Temp]-[Voltage] L-C-CUS-24-REC-A-45-MT
030.LIN	30		33	75-135W	4478	6"x7"	L-C-LIN-030-REC-A-[Color Temp]-[Voltage] L-C-CUS-30-REC-A-45-MT
030.LIN	30		33	65-150W	4478	3"x7"	L-C-LIN-030-FIN-A-[Color Temp]-[Voltage] L-C-CUS-30-REC-A-45-MT
036.LIN	36		39	80-150W	5373	7"x7"	L-C-LIN-036-REC-A-[Color Temp]-[Voltage] L-C-CUS-36-REC-A-45-MT
036.LIN	36		39	75-155W	5373	4"x7"	L-C-LIN-036-FIN-A-[Color Temp]-[Voltage] L-C-CUS-36-REC-A-45-MT
042.HEX	42		45	100-200W	6269	4.5"x7.5"	L-C-HEX-042-REC-A-[Color Temp]-[Voltage] L-C-CUS-42-REC-A-45-MT
042.HEX	42		45	100-200W	6269	7"	L-C-HEX-042-ROU-A-[Color Temp]-[Voltage] L-C-CUS-42-REC-A-45-MT
042.LIN	42		45	90-200W	6269	7"x8"	L-C-LIN-042-REC-A-[Color Temp]-[Voltage] L-C-CUS-42-REC-A-45-MT
042.LIN	42		45	90-200W	6269	5"x7"	L-C-LIN-042-FIN-A-[Color Temp]-[Voltage] L-C-CUS-42-REC-A-45-MT
















LED LIGHT ENGINES

STANDARD DRIVE CURRENT (48-84 LEDs)

BULB NAME	# OF LEDs	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
048.LIN	48		52	100-225W	7164	7"x9"	L-C-LIN-048-REC-A-[Color Temp]-[Voltage] L-C-CUS-48-REC-A-45-MT
048.LIN	48		52	100-225W	7164	6"x7"	L-C-LIN-048-FIN-A-[Color Temp]-[Voltage] L-C-CUS-48-REC-A-45-MT
054.LIN	54		58	120-250W	8060	7"x10"	L-C-LIN-054-REC-A-[Color Temp]-[Voltage] L-C-CUS-54-REC-A-45-MT
054.LIN	54		58	120-250W	8060	7"x7"	L-C-LIN-054-FIN-A-[Color Temp]-[Voltage] L-C-CUS-54-REC-A-45-MT
060.LIN	60		65	130-275W	8956	7"x11"	L-C-LIN-060-REC-A-[Color Temp]-[Voltage] L-C-CUS-60-REC-A-45-MT
063.HEX	63		68	150-275W	9403	8"x7"	L-C-HEX-063-REC-A-[Color Temp]-[Voltage] L-C-CUS-63-REC-A-45-MT
063.HEX	63		68	150-275W	9403	9"	L-C-HEX-063-ROU-A-[Color Temp]-[Voltage] L-C-CUS-63-REC-A-45-MT
063.HEX	63		68	150-275W	9403	6"x4.5"	L-C-HEX-063-PYR-A-[Color Temp]-[Voltage] L-C-CUS-63-REC-A-45-MT
066.LIN	66		71	145-300W	9851	7"x12"	L-C-LIN-066-REC-A-[Color Temp]-[Voltage] L-C-CUS-66-REC-A-45-MT
072.LIN	72		78	155-310W	10747	7"x13"	L-C-LIN-072-REC-A-[Color Temp]-[Voltage] L-C-CUS-72-REC-A-45-MT
078.LIN	78		85	175-350W	11642	7"x14"	L-C-LIN-078-REC-A-[Color Temp]-[Voltage] L-C-CUS-78-REC-A-45-MT
084.HEX	84		91	200-350W	12538	7.5"x8"	L-C-HEX-084-REC-A-[Color Temp]-[Voltage] L-C-CUS-84-REC-A-45-MT
084.HEX	84		91	200-350W	12538	9"	L-C-HEX-084-ROU-A-[Color Temp]-[Voltage] L-C-CUS-84-REC-A-45-MT
084.HEX	84		91	200-350W	10946	8"x4.5"	L-C-HEX-084-PYR-A-[Color Temp]-[Voltage] L-C-CUS-84-REC-A-45-MT
084.LIN	84		91	185-375W	12538	8"x14"	L-C-LIN-084-REC-A-[Color Temp]-[Voltage] L-C-CUS-84-REC-A-45-MT
















LED LIGHT ENGINES

STANDARD DRIVE CURRENT (90-168 LEDs)

BULB NAME	# OF LEDS	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
090.LIN	90		98	200-400W	13433	6"x21"	L-C-LIN-090-REC-A-[Color Temp]-[Voltage] L-C-CUS-90-REC-A-45-MT
096.LIN	96		104	225-450W	14329	9"x14"	L-C-LIN-096-REC-A-[Color Temp]-[Voltage] L-C-CUS-96-REC-A-45-MT
105.HEX	105		114	275-450W	15672	7.5"x12"	L-C-HEX-105-REC-A-[Color Temp]-[Voltage] L-C-CUS-105-REC-A-45-MT
105.HEX	105		114	275-450W	15672	9.5"	L-C-HEX-105-ROU-A-[Color Temp]-[Voltage] L-C-CUS-105-REC-A-45-MT
108.LIN	108		117	250-500W	16120	10"x14"	L-C-LIN-108-REC-A-[Color Temp]-[Voltage] L-C-CUS-108-REC-A-45-MT
120.LIN	120		130	275-550W	17911	11"x14"	L-C-LIN-120-REC-A-[Color Temp]-[Voltage] L-C-CUS-120-REC-A-45-MT
126.HEX	126		136	350-600W	18807	8"x12"	L-C-HEX-126-REC-A-[Color Temp]-[Voltage] L-C-CUS-126-REC-A-45-MT
126.HEX	126		136	350-600W	18807	10"	L-C-HEX-126-ROU-A-[Color Temp]-[Voltage] L-C-CUS-126-REC-A-45-MT
132.LIN	132		143	300-600W	19702	12"x14"	L-C-LIN-132-REC-A-[Color Temp]-[Voltage] L-C-CUS-132-REC-A-45-MT
140.LIN	140		152	400-750W	20896	12"x14"	L-C-LIN-140-REC-A-[Color Temp]-[Voltage] L-C-CUS-140-REC-A-45-MT
144.LIN	144		XXX	400-700W	21493	13"x14"	L-C-LIN-144-REC-A-[Color Temp]-[Voltage] L-C-CUS-144-REC-A-45-MT
147.HEX	147		160	400-675W	21941	12"	L-C-HEX-147-ROU-A-[Color Temp]-[Voltage] L-C-CUS-147-REC-A-45-MT
156.LIN	156		169	500-750W	23285	14"x14"	L-C-LIN-156-REC-A-[Color Temp]-[Voltage] L-C-CUS-156-REC-A-45-MT
162.LIN	162		176	525-775W	24180	10"x21"	L-C-LIN-162-REC-A-[Color Temp]-[Voltage] L-C-CUS-162-REC-A-45-MT
168.HEX	168		183	500-750W	25076	8"x16"	L-C-HEX-168-REC-A-[Color Temp]-[Voltage] L-C-CUS-168-REC-A-45-MT
















LED LIGHT ENGINES

STANDARD DRIVE CURRENT (168-252 LEDs)

BULB NAME	# OF LEDs	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
168.HEX	168		183	500-750W	25076	13"	L-C-HEX-168-ROU-A-[Color Temp]-[Voltage] L-C-CUS-168-REC-A-45-MT
168.LIN	168		183	550-800W	25076	14"x15"	L-C-LIN-168-REC-A-[Color Temp]-[Voltage] L-C-CUS-168-REC-A-45-MT
180.LIN	180		195	600-850W	26867	14"x16"	L-C-LIN-180-REC-A-[Color Temp]-[Voltage] L-C-CUS-180-REC-A-45-MT
189.HEX	189		205	550-800W	28210	11.5"x12"	L-C-HEX-189-REC-A-[Color Temp]-[Voltage] L-C-CUS-189-REC-A-45-MT
189.HEX	189		205	550-800W	28210	14.5"	L-C-HEX-189-ROU-A-[Color Temp]-[Voltage] L-C-CUS-189-REC-A-45-MT
192.LIN	192		209	650-900W	28658	15"x16"	L-C-LIN-192-REC-A-[Color Temp]-[Voltage] L-C-CUS-192-REC-A-45-MT
198.LIN	198		215	675-925W	29553	12"x21"	L-C-LIN-198-REC-A-[Color Temp]-[Voltage] L-C-CUS-198-REC-A-45-MT
210.HEX	210		228	600-900W	31345	8"x20"	L-C-HEX-210-REC-A-[Color Temp]-[Voltage] L-C-CUS-210-REC-A-45-MT
210.HEX	210		228	600-900W	31345	15.5"	L-C-HEX-210-ROU-A-[Color Temp]-[Voltage] L-C-CUS-210-REC-A-45-MT
210.LIN	210		228	700-950W	31345	16"x16"	L-C-LIN-210-REC-A-[Color Temp]-[Voltage] L-C-CUS-210-REC-A-45-MT
216.LIN	216		235	750-1000W	32240	15"x19"	L-C-LIN-216-REC-A-[Color Temp]-[Voltage] L-C-CUS-216-REC-A-45-MT
222.LIN	222		241	750-1000W	33136	14"x19"	L-C-LIN-222-REC-A-[Color Temp]-[Voltage] L-C-CUS-222-REC-A-45-MT
231.HEX	231		251	650-950W	34330	17"	L-C-HEX-231-ROU-A-[Color Temp]-[Voltage] L-C-CUS-231-REC-A-45-MT
252.HEX	252		273	700-1000W	37613	12"x16"	L-C-HEX-252-REC-A-[Color Temp]-[Voltage] L-C-CUS-252-REC-A-45-MT
252.HEX	252		273	700-1000W	37613	18"	L-C-HEX-252-ROU-A-[Color Temp]-[Voltage] L-C-CUS-252-REC-A-45-MT
378.HEX	378		410	1000W +	56420	20"	L-C-HEX-378-ROU-A-[Color temp]-[Voltage] qualification pending
















LED LIGHT ENGINES

MEDIUM DRIVE CURRENT (6-42 LEDs)

BULB NAME	# OF LEDs	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
006.LIN	6		10	15-75W	1264	7"x1"	L-C-LIN-006-REC-B-[Color Temp]-[Voltage]
012.LIN	12		20	35-110W	2529	7"x2.5"	L-C-LIN-012-REC-B-[Color Temp]-[Voltage]
018.LIN	18		30	65-140W	3793	4"x7"	L-C-LIN-018-REC-B-[Color Temp]-[Voltage] L-C-CUS-18-REC-B-45-MT
021.HEX	21		35	75-175W	4426	4.5"x4.5"	L-C-HEX-021-REC-B-[Color Temp]-[Voltage] L-C-CUS-21-REC-B-45-MT
021.HEX	21		35	75-175W	4426	4.5"	L-C-HEX-021-ROU-B-[Color Temp]-[Voltage] L-C-CUS-21-REC-B-45-MT
024.LIN	24		40	90-185W	5058	5"x7"	L-C-LIN-024-REC-B-[Color Temp]-[Voltage] L-C-CUS-24-REC-B-45-MT
024.LIN	24		40	90-185W	5058	2"x7"	L-C-LIN-024-FIN-B-[Color Temp]-[Voltage] L-C-CUS-24-REC-B-45-MT
030.LIN	30		50	100-200W	6323	6"x7"	L-C-LIN-030-REC-B-[Color Temp]-[Voltage] L-C-CUS-30-REC-B-45-MT
030.LIN	30		50	90-225W	6323	3"x7"	L-C-LIN-030-FIN-B-[Color Temp]-[Voltage] L-C-CUS-30-REC-B-45-MT
036.LIN	36		60	120-225W	7587	7"x7"	L-C-LIN-036-REC-B-[Color Temp]-[Voltage] L-C-CUS-36-REC-B-45-MT
036.LIN	36		60	100-235W	7587	4"x7"	L-C-LIN-036-FIN-B-[Color Temp]-[Voltage] L-C-CUS-36-REC-B-45-MT
042.HEX	42		70	125-300W	8852	4.5"x7.5"	L-C-HEX-042-REC-B-[Color Temp]-[Voltage] L-C-CUS-42-REC-B-45-MT
042.HEX	42		70	125-300W	8852	7"	L-C-HEX-042-ROU-B-[Color Temp]-[Voltage] L-C-CUS-42-REC-B-45-MT
042.LIN	42		70	135-275W	8852	7"x8"	L-C-LIN-042-REC-B-[Color Temp]-[Voltage] L-C-CUS-42-REC-B-45-MT
042.LIN	42		70	125-265W	8852	5"x7"	L-C-LIN-042-FIN-B-[Color Temp]-[Voltage] L-C-CUS-42-REC-B-45-MT
















LED LIGHT ENGINES

MEDIUM DRIVE CURRENT (48-84 LEDs)

BULB NAME	# OF LEDs	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
048.LIN	48		80	150-320W	10116	7"x9"	L-C-LIN-048-REC-B-[Color Temp]-[Voltage] L-C-CUS-48-REC-B-45-MT
048.LIN	48		80	150-320W	10116	6"x7"	L-C-LIN-048-FIN-B-[Color Temp]-[Voltage] L-C-CUS-48-REC-B-45-MT
054.LIN	54		90	180-360W	11381	7"x10"	L-C-LIN-054-REC-B-[Color Temp]-[Voltage] L-C-CUS-54-REC-B-45-MT
054.LIN	54		90	180-375W	11381	7"x7"	L-C-LIN-054-FIN-B-[Color Temp]-[Voltage] L-C-CUS-54-REC-B-45-MT
060.LIN	60		100	195-400W	12645	7"x11"	L-C-LIN-060-REC-B-[Color Temp]-[Voltage] L-C-CUS-60-REC-B-45-MT
063.HEX	63		106	200-400W	13277	8"x7"	L-C-HEX-063-REC-B-[Color Temp]-[Voltage] L-C-CUS-63-REC-B-45-MT
063.HEX	63		106	200-400W	13277	9"	L-C-HEX-063-ROU-B-[Color Temp]-[Voltage] L-C-CUS-63-REC-B-45-MT
063.HEX	63		106	200-400W	13277	6"x4.5"	L-C-HEX-063-PYR-B-[Color Temp]-[Voltage] L-C-CUS-63-REC-B-45-MT
066.LIN	66		111	200-410W	13910	7"x12"	L-C-LIN-066-REC-B-[Color Temp]-[Voltage] L-C-CUS-66-REC-B-45-MT
072.LIN	72		121	225-435W	15174	7"x13"	L-C-LIN-072-REC-B-[Color Temp]-[Voltage] L-C-CUS-72-REC-B-45-MT
078.LIN	78		131	250-475W	16439	7"x14"	L-C-LIN-078-REC-B-[Color Temp]-[Voltage] L-C-CUS-78-REC-B-45-MT
084.HEX	84		141	300-525W	17703	7.5"x8"	L-C-HEX-084-REC-B-[Color Temp]-[Voltage] L-C-CUS-84-REC-B-45-MT
084.HEX	84		141	300-525W	17703	9"	L-C-HEX-084-ROU-B-[Color Temp]-[Voltage] L-C-CUS-84-REC-B-45-MT
084.HEX	84		141	300-525W	17703	8"x4.5"	L-C-HEX-084-PYR-B-[Color Temp]-[Voltage] L-C-CUS-84-REC-B-45-MT
084.LIN	84		141	275-525W	17703	8"x14"	L-C-LIN-084-REC-B-[Color Temp]-[Voltage] L-C-CUS-84-REC-B-45-MT
















LED LIGHT ENGINES

MEDIUM DRIVE CURRENT (90-168 LEDs)

BULB NAME	# OF LEDS	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
090.LIN	90		151	300-575W	18968	6"x21"	L-C-LIN-090-REC-B-[Color Temp]-[Voltage] L-C-CUS-90-REC-B-45-MT
096.LIN	96		161	320-600W	20232	9"x14"	L-C-LIN-096-REC-B-[Color Temp]-[Voltage] L-C-CUS-96-REC-B-45-MT
105.HEX	105		176	400-650W	22129	7.5"x12"	L-C-HEX-105-REC-B-[Color Temp]-[Voltage] L-C-CUS-105-REC-B-45-MT
105.HEX	105		176	400-650W	22129	9.5"	L-C-HEX-105-ROU-B-[Color Temp]-[Voltage] L-C-CUS-105-REC-B-45-MT
108.LIN	108		181	400-750W	22761	10"x14"	L-C-LIN-108-REC-B-[Color Temp]-[Voltage] L-C-CUS-108-REC-B-45-MT
120.LIN	120		201	450-850W	25291	11"x14"	L-C-LIN-120-REC-B-[Color Temp]-[Voltage] L-C-CUS-120-REC-B-45-MT
126.HEX	126		211	550-800W	26555	8"x12"	L-C-HEX-126-REC-B-[Color Temp]-[Voltage] L-C-CUS-126-REC-B-45-MT
126.HEX	126		211	550-800W	26555	10"	L-C-HEX-126-ROU-B-[Color Temp]-[Voltage] L-C-CUS-126-REC-B-45-MT
132.LIN	132		221	525-925W	27820	12"x14"	L-C-LIN-132-REC-B-[Color Temp]-[Voltage] L-C-CUS-132-REC-B-45-MT
140.LIN	140		235	750-1000W	29505	12"x14"	L-C-LIN-140-REC-B-[Color Temp]-[Voltage] L-C-CUS-140-REC-B-45-MT
144.LIN	144		XXX	600-1000W	30349	13"x14"	L-C-LIN-144-REC-B-[Color Temp]-[Voltage] L-C-CUS-144-REC-B-45-MT
147.HEX	147		247	600-850W	30981	12"	L-C-HEX-147-ROU-B-[Color Temp]-[Voltage] L-C-CUS-147-REC-B-45-MT
156.LIN	156		261	650-1075W	32878	14"x14"	L-C-LIN-156-REC-B-[Color Temp]-[Voltage] L-C-CUS-156-REC-B-45-MT
162.LIN	162		271	700-1150W	34142	10"x21"	L-C-LIN-162-REC-B-[Color Temp]-[Voltage] L-C-CUS-162-REC-B-45-MT
168.HEX	168		282	650-900W	35407	8"x16"	L-C-HEX-168-REC-B-[Color Temp]-[Voltage] L-C-CUS-168-REC-B-45-MT

LED LIGHT ENGINES

MEDIUM DRIVE CURRENT (168-252 LEDs)

BULB NAME	# OF LEDS	GEOMETRY	WATTAGE	COMMONLY REPLACES	Lumens	MIN LIGHT ENGINE DIMS	CATALOG # DLC PART #
168.HEX	168		282	650-900W	35407	13"	L-C-HEX-168-ROU-B-[Color Temp]-[Voltage] L-C-CUS-168-REC-B-45-MT
168.LIN	168		282	750-1200W	35407	14"x15"	L-C-LIN-168-REC-B-[Color Temp]-[Voltage] L-C-CUS-168-REC-B-45-MT
180.LIN	180		302	825-1275W	37936	14"x16"	L-C-LIN-180-REC-B-[Color Temp]-[Voltage] L-C-CUS-180-REC-B-45-MT
189.HEX	189		317	700-1000W	39833	11.5"x12"	L-C-HEX-189-REC-B-[Color Temp]-[Voltage] L-C-CUS-189-REC-B-45-MT
189.HEX	189		317	700-1000W	39833	14.5"	L-C-HEX-189-ROU-B-[Color Temp]-[Voltage] L-C-CUS-189-REC-B-45-MT
192.LIN	192		322	900-1350W	40465	14"x17"	L-C-LIN-192-REC-B-[Color Temp]-[Voltage] L-C-CUS-192-REC-B-45-MT
198.LIN	198		332	950-1400W	41729	12"x21"	L-C-LIN-198-REC-B-[Color Temp]-[Voltage] L-C-CUS-198-REC-B-45-MT
204.LIN	204		342	1000-1425W	42994	14"x18"	L-C-LIN-204-REC-B-[Color Temp]-[Voltage] L-C-CUS-204-REC-B-45-MT
210.HEX	210		352	800-1100W	44259	8"x20"	L-C-HEX-210-REC-B-[Color Temp]-[Voltage] L-C-CUS-210-REC-B-45-MT
210.HEX	210		352	800-1100W	44259	15.5"	L-C-HEX-210-ROU-B-[Color Temp]-[Voltage] L-C-CUS-210-REC-B-45-MT
216.LIN	216		362	1050-1500W	45523	14"x19"	L-C-LIN-216-REC-B-[Color Temp]-[Voltage] L-C-CUS-216-REC-B-45-MT
231.HEX	231		388	850-1150W	48474	17"	L-C-HEX-231-ROU-B-[Color Temp]-[Voltage] L-C-CUS-231-REC-B-45-MT
252.HEX	252		423	900-1200W	53110	12"x16"	L-C-HEX-252-REC-B-[Color Temp]-[Voltage] L-C-CUS-252-REC-B-45-MT
252.HEX	252		423	900-1200W	53110	18"	L-C-HEX-252-ROU-B-[Color Temp]-[Voltage] L-C-CUS-252-REC-B-45-MT
378.HEX	378		634	1000W +	79665	20"	L-C-HEX-378-ROU-B-[Color temp]-[Voltage] qualification pending