



## STANDARD REPLACEMENT PARTS

Lamps – Metal Halide	Musco Part #	Description
<b>1000 Watt</b>		
	LA-10	1000 Watt Straight Arc Tube <i>Used in SportsCluster® Light Pak™</i>
	LA-10Z	1000 Watt Z-Lamp <i>Used in SportsCluster-2®</i>
	LA-10ZP	1000 Watt Z-Lamp with Painted Arc Cap <i>Used in Level-8™ and Total Light Control™</i>
	LA-10ZPS	1000 Watt Z-Painted Arc Cap / Spring <i>Used in SportsCluster® Level-8™ and Total Light Control™ Retrofit</i>
	LA-MH10ZS	1000 Watt Z-Clear / Spring <i>Used in SportsCluster® to SportsCluster-2® Retrofit</i>
<b>1500 Watt</b>		
	LA-15	1500 Watt Straight <i>Used in SportsCluster® Reflector Systems</i>
	LA-30Z-1	1500 Watt Z-Lamp <i>Used in SportsCluster-2® Reflector Systems</i>
	LA-30ZP-1	1500 Watt Z-Lamp Painted Arc Cap <i>Used in Level-8™ and Total Light Control™</i>
	LA-30ZPS-1	1500 Watt Z-Lamp Painted / Spring <i>Used in SportsCluster® Level-8™ and Total Light Control™ Retrofit</i>
	LA-30ZS-1	1500 Watt Z-Lamp Clear / Spring <i>Used in SportsCluster® to SportsCluster-2® Retrofit</i>
<b>2000 Watt</b>		
	LS-3406-1	2000 Watt 120 Volt <i>Used in Stadium 2K Fixtures</i>
Lamps – Incandescent	Musco Part #	Description
<b>1000 Watt</b>		
	LA-120IN10	1000 Watt 120 Volt <i>Used with Momentary Power Interrupt</i>
	LA-250IN10	1000 Watt 250 Volt <i>Used with Momentary Power Interrupt</i>

Ballasts	Musco Part #	Description
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### 1000 Watt

SC-270	1000 Watt Quad Volt (120,208,240,277) <i>Used in SportsCluster®, SportsCluster-2®, and Light Pak™</i>
SC-270/347	1000 Watt 347 Volt CWA C&C <i>Used in SportsCluster®, SportsCluster-2®, and Light Pak™ (Canadian)</i>
SC-310	1000 Watt 480 Volt <i>Used in SportsCluster®, SportsCluster-2®, and Light Pak™</i>

### 1500 Watt

SC-315	1500 Watt 480 Volt <i>Used in SportsCluster® and SportsCluster-2®</i>
SC-271	1500 Watt 240 Volt <i>Used in SportsCluster® and SportsCluster-2®</i>
SC-278	1500 Watt Quad Volt <i>Used in SportsCluster® and SportsCluster-2®</i>
SC-302	1500 Watt 347 Volt <i>Used in SportsCluster® and SportsCluster-2® (Canadian)</i>

### 2000 Watt

SC-288	2000 Watt 480 Volt <i>Used in SportsCluster® and SportsCluster-2®</i>
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Capacitors	Musco Part #	Description
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### 1000 Watt

CAP-24	24 Microfarad <i>SportsCluster® and SportsCluster-2® without Ground</i>
CAP-24R <small>Before 4/1/98</small>	24 Microfarad <i>SportsCluster® and SportsCluster-2® with Ground</i>

### 1500 Watt

CAP-32	32 Microfarad <i>SportsCluster® and SportsCluster-2® without Ground</i>
CAP-32R <small>Before 4/1/98</small>	32 Microfarad <i>SportsCluster® and SportsCluster-2® with Ground</i>

### 2000 Watt

CAP-44	44 Microfarad <i>Stadium 2K Fixture™</i>
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### Multiwatt Capacitors

Application Chart	
1500-1000W	Order CAP-26 and CAP-6
1500-600W	Order CAP-18 and CAP-14
1000-670W	Order CAP-18 and CAP-6
1000-400W	Order CAP-15 and CAP-9

CAP-18	18 Microfarad
CAP-14	14 Microfarad
CAP-8	8 Microfarad
CAP-6	6 Microfarad

## Multiwatt Dual Capacitors - (use one capacitor for high and low)

CAP-100-3	Dual CAP 18-6 Microfarad
CAP-100-5	Dual CAP 18-14 Microfarad
LS-4653-(1-9)	Dual CAP Retrofit Kit <i>Use when replacing (2) CAPS with Dual Capacitors</i>

## Fuses

### 1000 Watt

Musco Part #	Description
FU-120	FNQ12 Fuse 277 Volt
FU-140	Small MDA Fuse 208, 240 Volt
FU-150	Small MDA Fuse 120 Volt
FU-180	Large KTK/KLK Fuse 347 Volt

### 1500 Watt

FU-150	Small MDA Fuse 208 Volt, 240 Volt
FU-160	FNQ15 Fuse 277 Volt
FU-170	Small MDA Fuse 120 Volt
FU-180	Large KTK/KLK Fuse 480 Volt

## Miscellaneous Electrical

Musco Part #	Description
LS-3002-1	Disconnect Switch 125Amp/3 Pole

## Contactors

Musco Part #	Description
MW-050	Multiwatt Contactor 240 Volt 4 Pole
LS-2585-1	30 AMP Module Assembly with mounting bracket
LS-2586-1	60 AMP Module Assembly with mounting bracket
LS-2587-9	100 AMP Module Assembly with mounting bracket
LS-2588-1	40 AMP Module Assembly with mounting bracket
LS-2596-1	100 AMP Contactor Only
LS-2598-1	30 AMP Contactor Only
LS-2501-1	60 AMP Contactor Only
LS-2531-1	40 AMP Contactor Only

## Mounting Straps

Musco Part #	Description
SC-1318-1	45 inch stainless steel with hardware
SC-1318-2	60 inch stainless steel with hardware
SC-1318-3	78 inch stainless steel with hardware

*Mounting Strap Part #'s and Descriptions continued on back...*

...Mounting Strap Part #'s and Descriptions continued

SC-1318-4	96 inch stainless steel with hardware
SC-1318-5	114 inch stainless steel with hardware
SC-1318-6	132 inch stainless steel with hardware

Fixture Parts	Musco Part #	Description
	KC-500-1	Knuckle Cone Assembly <i>Used in SportsCluster®, SportsCluster-2®, Level-8™ and Total Light Control</i>
	LS-3418-2	Lens & Ring Assembly* <i>Used in SportsCluster® and SportsCluster-2® without visor</i>
	LS-3427-2	Level-8™ Specular Visor with Lens & Ring <i>For NEMA Types 2, 3 and 4</i>
	LS-3427-3	Level-8™ Dull Visor with Lens & Ring <i>For NEMA Types 5 and 6</i>
	LS-3428-2	Total Light Control Visor with Lens & Ring <i>All NEMA Types</i>
	999-GLFDVA	Golf Visor with Lens & Ring <i>For Golf Applications Only</i>
	ILF-020	Wire Guard for all Applications <i>Special hardware needed for Level-8™ and Total Light Control</i>

\* May also be used as a replacement for Level-8™ and Total Light Control™ by changing over the Visor Assembly

Reflectors	Musco Part #	Description
	Specify Nema Type	SportsCluster® Reflector SportsCluster-2® Reflector Level-8™ Reflector Total Light Control Reflector



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Musco products referenced or shown are protected by one or more of the following patents. U.S. Patents: 4712167; 4811181; 4994718; 5012398; 5075828; 5134557; 5161883; 5207747; 5211473; 5229681; 5313378; 5337221; 5343374; 5377611; 5398478; 5402327; 5423281; 5426577; 5519590; 5595440; 5600537; 5636024; 5647661; 5707142; 5794387; 5800048; 5816691; 5856721; 5860733; 5887969; 5906425; 5944413; 6016389; 6036338; 6203176; 6220726; 6250596; 6340790; 6398392; 6446408; 6464196; 6676277; 6681110; 6692142; 6833675; 6929385; 6969034; 6988697; 7059572; 7059745; 7171793; 7176635; 7209958; 7216437; 7246782; 7284879; D353797; D353911; D411096. Australia Patents: 670062; 705971; 708912; 780583; 784165; 2002251908. Brazil Patents: PI93057245; PI96071745. Canada Patents: 89366; 2009749; 2026850; 2027033; 2035014; 2058261; 2060585; 2087054; 2103874; 2110014; 2200511; 2200515; 2204958; 2210226; 2217872; 2378279; 2378283; 2378318; 2407922; 2407924. China Patents: ZL96192709.7; ZL30139428.7. EPC Patents: 440531; 804704; 821776; 1192793; 000376496-0002. France Patents: 440531. Germany Patent: 440531. Greece Patent: 3032360. Hungary Patent: 216501. Ireland Patents: 604704; 821776; 1192793. Italy Patent: 804704. Japan Patents: 3270932; 3651006; 3740581. Mexico Patents: 175863; 183225; 196837; 241895. New Zealand Patents: 246820; 301212; 307705; 333906. Norway Patent: DESIGNREG.NR.: 79633. Russia Patent: 61440. South Korea Patents: 292548; 405147; 405754; 561799. Spain Patent: 440531. Sri Lanka Patent: 13133. Taiwan Patent: I263753. Vietnam Patent: 9692. Other patents pending.