LED

MS Series
LED

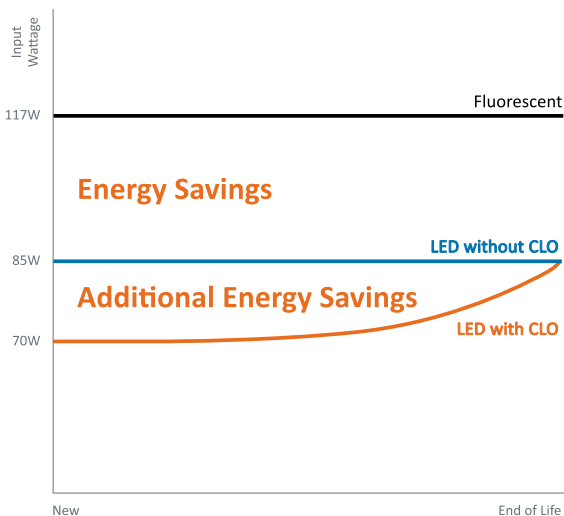Classic Fixture. Latest LED Technology.

STEP UP TO LED

How do you make today's most popular commercial lighting even more energy efficient and worry-free? By introducing the latest in LED technology.

For the broadest range of commercial spaces where fluorescent lighting prevails, the new MS Series LED fixture from Lithonia Lighting is the unrivaled general purpose linear low-bay alternative. Ideal for retail stores, grocers, schools, showrooms, data centers or general offices, the MS Series LED luminaire provides significant advantages.
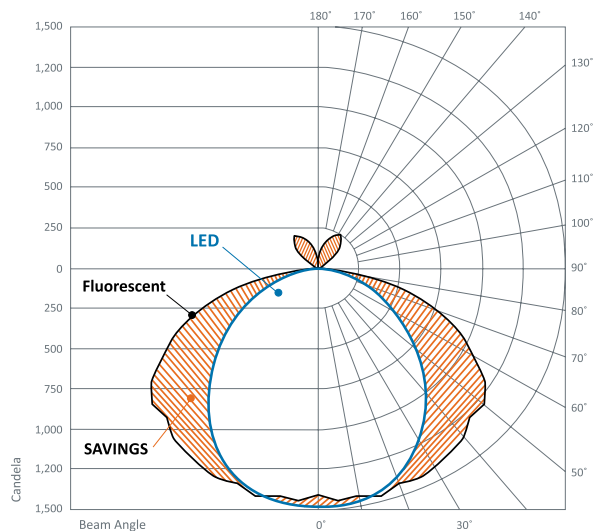
ENERGY EFFICIENCY

The MS Series LED cuts operational lighting costs by up to 40% over traditional T8 fluorescent lighting. The long life of the LED technology also means reduced maintenance-cycle costs, while the ability to dim the fixture brings even greater energy savings.

LIGHTING PRECISION

Use the MS Series LED in open indoor spaces or for aisle lighting. Light-shaping reflectors and diffusers provide precise, custom optics while minimizing wasted light and hot spots. Color-temperature options give you three choices to best suit your application.

The illustration shows a traditional source superimposed over the MS Series LED, and the wasted light that is eliminated to drive the lumens-per-watt to greater than 93.

CONSTANT LUMEN OUTPUT (CLO)

As an option, constant lumen output technology programs the MS Series LED to keep lighting level consistent over the life of the product. Lighting power is reduced from the first day of operation and, over the product lifecycle, slowly increased to maintain the level of a new luminaire.

CONTROLS INTEGRATION

For extra energy efficiency, pair the MS Series LED with occupancy sensors and photocontrols. In addition, daylighting products provide tremendous cost savings by harvesting the light of the sun.

The benefits of the MS Series LED are the same whether it's the full, from-the-box luminaire for new construction or renovation, or the easy-to-install retrofit kit for the Lithonia Lighting's popular MS8 fluorescent fixture.

RELIGHTING THE MS8

Retrofit your MS8 fixture with the MS Series LED driver and lighting element to start saving energy and to enjoy virtually worry-free LED lighting.

1 Remove the fluorescent components from the MS8 fixture to make room for the MS Series LED elements.

You may cut the socket wires and leave the ballast in place if local code allows; these will not interfere with the relighting. Please properly recycle the fluorescent lamps.
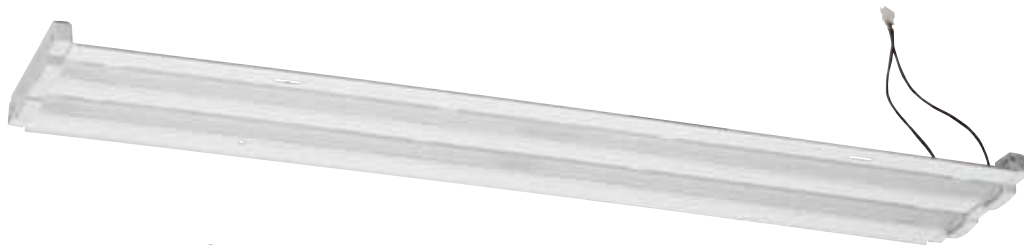
2 Install the MS LED driver and brackets using the pre-drilled holes on the inside of the MS8 housing.

Correctly connect the branch circuit to the hot, neutral and ground wires. Plug the power connector into the driver and reattach the channel cover.

3 Snap the LED lighting component into the housing and secure it according to the instructions.

ENJOY THE PERFORMANCE OF LED LIGHTING!

ORDERING INFORMATION

COMPLETE LUMINAIRE

Lead times will vary depending on the options selected. Consult with your sales representative.

Example: MSL 4L LP835 PLR22G

Series	Lumens		Voltage		Color temperature		Options				
MSL	4L	4,100 lumens	(blank)	MVOLT[2]	LP835	3500K, 83 CRI	blank	End caps have flattened knockouts made for individual mounting	CS1W	6' white cord-set, straight blade NEMA 5-15P, 120V[3]	
TMSL	3L CLO	3,300 lumens[1]	120	120V	LP840	4000K, 83 CRI	PLR1G	Single-circuit, plug-in wiring	MSI	Aisle motion sensor, pre-wired[3]	
	8L	8,200 lumens	277	277V	LP850	5000K, 83 CRI	PLR22G	Two-circuit alternating plug-in wiring	MSID	Occupancy sensor, prewired, HI/LO dimming control[3]	
	6L CLO	6,600 lumens[1]					PLR1LVG	Single-circuit plug-in wiring with low voltage leads	CRE	Continous row end; one hole for wiring to row, one flattened knockout to terminate the row	
							GLR	Internal fast-blow fuse[3]			
							CS93W	600 SO white cord, no plug	CRM	Continuous row middle; both end plates have holes for row wiring.	
							CS11W	6' white cord-set, twist-lock NEMA L7-15P, 277V[3]			

Accessories: *Order as separate catalog number.*

MSHBAC_	Adjustable aircraft cable system (specify 36, 72 or 120 inches)[4]		THMS5HB	Tong hangers
MSHBACF_	Adjustable aircraft cable system with power feed (specify length as 36, 72 or 120 inches) (three-wire cable)[4]		WGMS8Z	4' wire guard, zinc coated
MSHBAC2F_	Adjustable aircraft cable system with power feed (four-wire cable) (specify length as 36, 72 or 120 inches)[4]			
SQ_	Swivel-stem hanger (specify lengths in 2" increments)			

Notes
1. Refer to Contant Lumen Output (CLO) chart on specification sheet.
2. MVOLT 120-277 only.
3. Specify voltage.
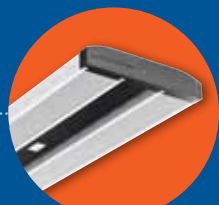4. One cable per package.

RETROFIT KIT

Example: MSLR 4L LP835

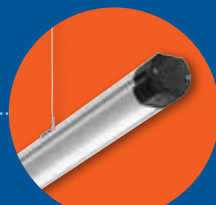| Series	Lumens		Voltage		Color temperature		Options	
MSLR	4L	4,100 lumens	(blank)	MVOLT	LP835	3500K, 83 CRI	GLR	Internal fast-blow fuse[2]
TMSLR	3L CLO	3,300 lumens[1]	120	120V	LP840	4000K, 83 CRI		
	8L	8,200 lumens	277	277V	LP850	5000K, 83 CRI		
	6L CLO	6,600 lumens[1]						

Notes
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2. Specify voltage.

OTHER LED PRODUCTS

I-BEAM® LED

PROTEON™ SL
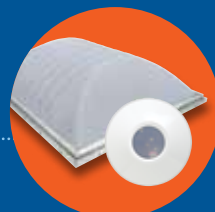

I-BEAM® IBH

CONTROLS AND DAYLIGHTING INTEGRATION FOR MS SERIES LED

OCCUPANCY SENSOR

SKYLIGHTS & AUTOMATIC DIMMING CONTROL

WIRELESS TECHNOLOGY

LITHONIA LIGHTING®