

## MSK Series Retrofit Kit

### Linear Retrofit Kit

#### OVERVIEW

<b>Wattage (W)</b>	20W, 25W, 32W, 36W, 40W, 46W, 49W, 65W 25/20/15W Selectable 35/28/20W Selectable 40/30/20W Selectable 46/38/30W Selectable
<b>Lumen Package (lm)</b>	Up to 9,280 lm
<b>Color Temperature (CCT)</b>	3500K, 4000K, 5000K 3500K/4000K/5000K Selectable 2700K/3000K/3500K/4000K/5000K Selectable
<b>Efficacy (lm/W)</b>	Up to 156 lm/W



Without Lens

#### DETAILS

Upgrade effortlessly with our MSK Series Linear Retrofit Kits, offering options for the four most common fixture sizes with a variety of wattages and color temperatures, including field-selectable kits, and optional frosted lens covers.

#### KEY FEATURES

- Lumen Output Up to 9,280 lm
- Different Wattage and Color Options
- Magnetic Backing for Easy Install
- Retrofits for 1'x4', 2'x2', 2'x4', and 2'x8' Troffers and 4' and 8' Linear Fixtures



With Lens

#### APPLICATIONS

- Office
- Lobby
- Hallway
- Conference Room
- School
- Library
- Airport
- Showroom
- Hospitality

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### SPECIFICATIONS

<b>Wattage &amp; Lumens</b>	20W, Up to 2,500 lumens 25W, Up to 3,550 lumens 32W, Up to 4,680 lumens 36W, Up to 4,950 lumens 40W, Up to 5,580 lumens 46W, Up to 7,400 lumens 49W, Up to 6,680 lumens 65W, Up to 9,280 lumens 25W Selectable (25/20/15W), Up to 3,625 lumens 35W Selectable (35/28/20W), Up to 5,075 lumens 40W Selectable (40/30/20W), Up to 5,800 lumens 46W Selectable (46/38/30W), Up to 6,670 lumens
<b>Efficacy</b>	Up to 156 lm/W
<b>CCT</b>	3500K, 4000K, 5000K 3500K/4000K/5000K Selectable 2700K/3000K/3500K/4000K/5000K Selectable
<b>CRI (Ra)</b>	80
<b>Controls</b>	0-10V Dimming CCT & Power Selectable
<b>Input Voltage</b>	120-277VAC / 120-347VAC, 50/60 Hz
<b>Power Factor</b>	>0.90
<b>LED Type</b>	LED 2835
<b>Average Lifetime</b>	L70: 54,000 hours
<b>Beam Angle</b>	110°
<b>Mounting</b>	Magnetic/Screw
<b>Operating Temperature</b>	-25°C to +40°C (-13°F to +104°F)
<b>Lens</b>	20W, 32W, 46W: None 25W, 36W, 40W, 49W, 65W: Frosted 25W Selectable, 35W Selectable, 40W Selectable, 46W Selectable: Frosted (optional)
<b>Surge Protection</b>	1kV line-line, 2kV line-earth
<b>Certifications</b>	DLC, ETL, RoHS, FCC
<b>Warranty</b>	5 Years

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### ORDERING GUIDE

#### Fixed Wattage, Without Lens

 Example: **LLTVMSK20D02835**

Series	Wattage / Lumens	Driver Type	Length	CRI	CCT	Lens	Voltage
LLTVMSK	20 - 20W, Up to 2,500 lumens	D - 0-10V Dimming	02 - 2x2 or 1x4 = (2) 2ft Strips	8 - 80	35 - 3500K 40 - 4000K 50 - 5000K	Blank - None	Blank - 120-277V -347 - 120-347V
	32 - 32W, Up to 4,600 lumens 46 - 46W, Up to 6,800 lumens		20 - 2x4 = (2) 4ft Strips				
	46 - 46W, 7,400 lumens		40 - 2x8 = (4) 4ft Strips				

#### Fixed Wattage, With Lens

 Example: **LLTVMSK25D02835F**

Series	Wattage / Lumens	Driver Type	Length	CRI	CCT	Lens	Voltage
LLTVMSK	25 - 25W, Up to 3,550 lumens	D - 0-10V Dimming	02 - 2x2 or 1x4 = (2) 2ft Strips 10 - 1x4 = (1) 4ft Strips	8 - 80	35 - 3500K 40 - 4000K 50 - 5000K	F - Frosted	Blank - 120-277V -347 - 120-347V
	32 - 32W, Up to 4,680 lumens		20 - 2x4 = (2) 4ft Strips 30 - 2x4 = (3) 4ft Strips				
	36 - 36W, Up to 4,950 lumens						
	40 - 40W, Up to 5,580 lumens						
	49 - 49W, Up to 6,680 lumens		20 - 2x4 = (2) 4ft Strips 40 - 2x8 = (4) 4ft Strips				
	65 - 65W, Up to 9,280 lumens		40 - 2x8 = (4) 4ft Strips				

#### CCT & Power Selectable, Optional Lens

 Example: **LLTVMSK25W02CS**

SKU Root	Wattage / Lumens	Length	CCT
LLTVMSK	25W - 25W Selectable, Up to 3,625 lumens	02 - 2x2 or 1x4 = (2) 2ft Strips	CS - 3500K/4000K/5000K Selectable C5S - 2700K/3000K/3500K/4000K/5000K Selectable
	35W - 35W Selectable, Up to 5,075 lumens	20 - 2x4 = (2) 4ft Strips	
	40W - 40W Selectable, Up to 5,800 lumens	20 - 2x4 = (2) 4ft Strips 30 - 2x4 = (3) 4ft Strips	
	46W - 46W Selectable, Up to 6,670 lumens	20 - 2x4 = (2) 4ft Strips	
	46W - 46W Selectable, Up to 6,670 lumens	40 - 2x8 = (4) 4ft Strips	

Strip Base	Lens Cover	Voltage
Blank - Plastic A - Aluminum	Blank - None F - Frosted	Blank - 120-277V -347 - 120-347V

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### PRODUCT DIMENSIONS

#### Fixed Wattage

DIMENSIONS	2ft Strips	4ft Strips
<b>Product Dimension</b>	550 mm x 10 mm	1100 mm x 12 mm
<b>Luminaire Net Weight</b>	3.3 kg	6 kg
<b>Export Carton Size</b>	610 x 180 x 330 mm	1175 x 180 x 280 mm
<b>Gross Weight</b>	4.8 kg	8 kg

#### CCT & Power Selectable

DIMENSIONS	2ft Strips	4ft Strips
<b>Product Dimension</b>	550 mm x 12 mm	1100 mm x 12 mm
<b>Luminaire Net Weight</b>	2.5 kg	6.6 kg
<b>Export Carton Size</b>	610 x 180 x 230 mm	1175 x 180 x 280 mm
<b>Gross Weight</b>	4.2 kg	8.4 kg

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### PERFORMANCE

#### Fixed Wattage

Model	CRI	Wattage	3500K		4000K		5000K	
			Lumens*	Efficacy	Lumens*	Efficacy	Lumens*	Efficacy
LLTVMSK20D028XX	80	20	2,400	120	2,450	123	2,500	125
LLTVMSK32D208XX	80	32	4,500	141	4,550	142	4,600	144
LLTVMSK46D208XX	80	46	6,100	133	6,225	135	6,350	138
LLTVMSK46D408XX	80	46	6,200	135	6,500	141	6,800	148
LLTVMSK25D028XXF LLTVMSK25D208XXF	80	25	2,750	110	2,800	112	2,850	114
LLTVMSK32D208XXF LLTVMSK32D308XXF	80	32	3,600	113	3,650	114	3,700	116
LLTVMSK36D208XXF LLTVMSK36D308XXF	80	36	3,930	109	3,950	110	4,000	111
LLTVMSK40D208XXF LLTVMSK40D308XXF	80	40	4,550	114	4,600	115	4,650	116
LLTVMSK49D208XXF LLTVMSK49D408XXF	80	49	5,250	107	5,280	108	5,350	109
LLTVMSK65D408XXF	80	65	7,350	113	7,400	114	7,500	115

\*In-Fixture Values

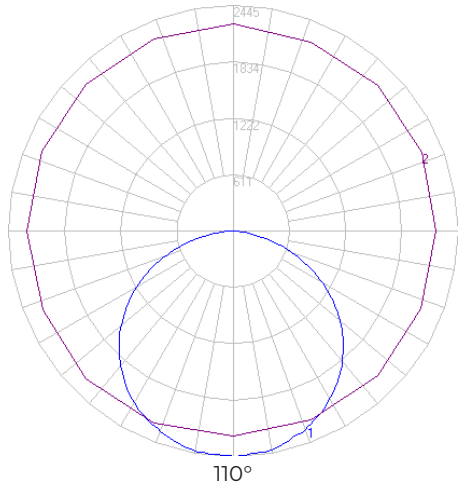
#### CCT & Power Selectable

Model	CRI	Wattage	Lumens	Efficacy
LLTVMSK25W02CS LLTVMSK25W02C5S	80	25	3,625	145
LLTVMSK35W20CS LLTVMSK35W20C5S	80	35	5,075	145
LLTVMSK40W20CS LLTVMSK40W20C5S LLTVMSK40W30CS LLTVMSK40W30C5S	80	40	5,800	145
LLTVMSK46W20CS LLTVMSK46W20C5S LLTVMSK46W40CS LLTVMSK46W40C5S	80	46	6,670	145

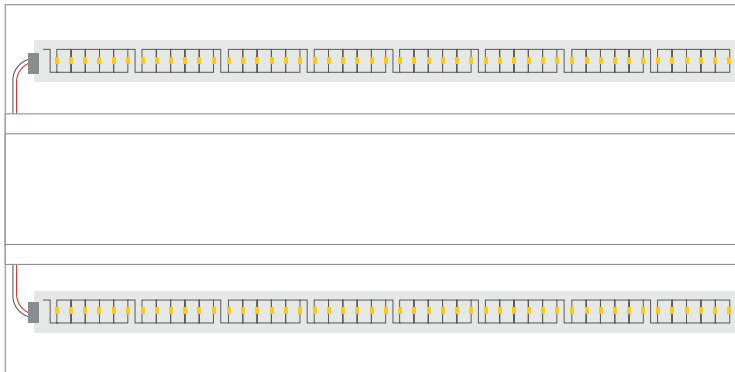
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## PHOTOMETRICS



## MOUNTING



Linear Retrofit Kit in 2'x4' Luminaire