



Available Models

- | | |
|---|---|
| <input type="checkbox"/> MRKD2-X1-40K25W-2S | <input type="checkbox"/> MRKD4-X1-40K50W-2S |
| <input type="checkbox"/> MRKD2-X1-50K25W-2S | <input type="checkbox"/> MRKD4-X1-50K50W-2S |
| <input type="checkbox"/> MRKD4-X1-30K36W-2S | <input type="checkbox"/> MRKD4-X1-40K60W-3S |
| <input type="checkbox"/> MRKD4-X1-40K36W-2S | <input type="checkbox"/> MRKD4-X1-50K60W-3S |
| <input type="checkbox"/> MRKD4-X1-50K36W-2S | <input type="checkbox"/> MRKD4-X1-40K60W-4S |
| <input type="checkbox"/> MRKD4-X1-30K50W-2S | <input type="checkbox"/> MRKD4-X1-50K60W-4S |

Part Number Breakdown

Example: MRKD4-X1-50K60W-4S

Family	Tube Length ¹	Color Temperature	Wattage ¹	Tube Quantity ¹
MRKD	2-X1 [2 ft length]	30K [3000K]	25W [25 W]	2S [2 tubes]
		40K [4000K]	36W [36 W]	3S [3 tubes]
	4-X1 [4 ft length]	50K [5000K]	50W [50 W]	4S [4 tubes]
		60W [60 W]		

Application

These easily replace inefficient fluorescent tubes found in linear low bay lights, troffers, and lighted signs without the need for a new fixture. Common applications include warehouses, workshops, supermarkets, factories, gyms, offices, schools, and other large interior spaces.

Mechanical / Construction

- Integrated magnets for light and driver mounting
- Aluminum light housing with frosted polycarbonate lens
- -4°-113° F (-20°-45° C) operating temperature

Electrical

- 120-277 VAC input, ≥0.9 power factor
- 0-10 V dimming
- 50,000 hour LED lifetime

Photometrics

- 125 lm/W
- 120° beam angle
- 80+ CRI

Warranty

Five (5) Year Warranty

Specifications

Model MRKD	2-X1-xK25W-2S	4-X1-xK36W-2S	4-X1-xK50W-2S	4-X1-xK60W-3S	4-X1-xK60W-4S
Intensity ²	3,125 lm	4,500 lm	6,250 lm	7,500 lm	7,500 lm
Operating Voltage	120-277 VAC				
Power Consumption	25 W	36 W	50 W	60 W	60 W
Current Draw	208 mA @ 120 VAC 90 mA @ 277 VAC	300 mA @ 120 VAC 130 mA @ 277 VAC	417 mA @ 120 VAC 181 mA @ 277 VAC	500 mA @ 120 VAC 217 mA @ 277 VAC	500 mA @ 120 VAC 217 mA @ 277 VAC
Efficacy	125 lm/W				
Color Temperature	3000K, 4000K, or 5000K (as ordered)				
Beam Angle	120°				
CRI	80+				
Dimming	0-10 V				
IP Rating	IP20				
Ambient Operating Temperature	-4°-113° F (-20°-45° C)				
Rated Life (L70)	50,000 hours				

¹not all sizes are available in all CCTs, wattages, or tube quantities

²Intensity is measured when installed as a retrofit, in fixture.



T 866.811.5550

F 314.972.6202

email: commercial-sales@superbrightleds.com

www.superbrightleds.com/cat/industrial-led-lighting/

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Specifications are subject to change without notice.

Printed in the U.S.A.

MRKDx-X1 Series

LED Tube Light Retrofit Kit Specifications

Output Equivalencies

MRKD2-X1-x25W-2S	two or three 17 W T8 / 20 W T12 fluorescent tubes / 2' x 2' troffer
MRKD4-X1-x36W-2S	two 28 W fluorescent T8 tubes / 4' x 1' troffer / 4' strip light
MRKD4-X1-x50W-2S	two 32 W fluorescent T8 tubes / 4' x 1' troffer / 4' strip light
MRKD4-X1-x60W-3S	three 32 W fluorescent T8 tubes / 4' x 2' troffer
MRKD4-X1-x60W-4S	four 32 W fluorescent T8 tubes / 4' x 2' troffer

Certifications and Compliances

These retrofit kits are ETL Classified in compliance with UL 1598C and are also DLC 5.1 Standard listed by Design-Lights Consortium.

ETL CLASSIFIED



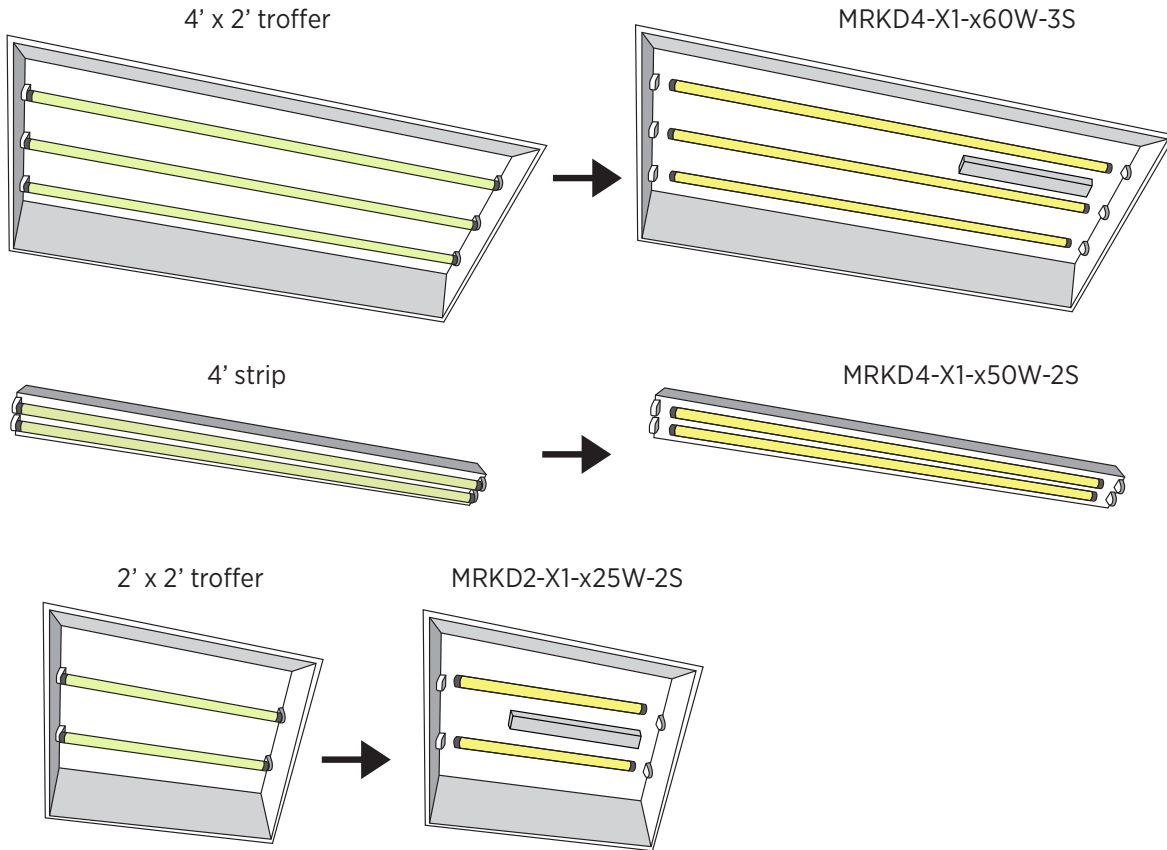
Intertek



Typical Installations

An installer can simply remove the old fluorescent tubes, disconnect the existing ballast, connect the driver for the magnetic tubes to power, and place the magnet side of the driver onto the fixture. Magnetic tubes can then simply be placed in the fixture using built-in magnetic mounts and connected to driver to finish the installation.

This type of installation saves time and money, doesn't require the installer to know what kind of ballast or bulb type the original fixture uses, while also providing bright, efficient, high CRI lighting.

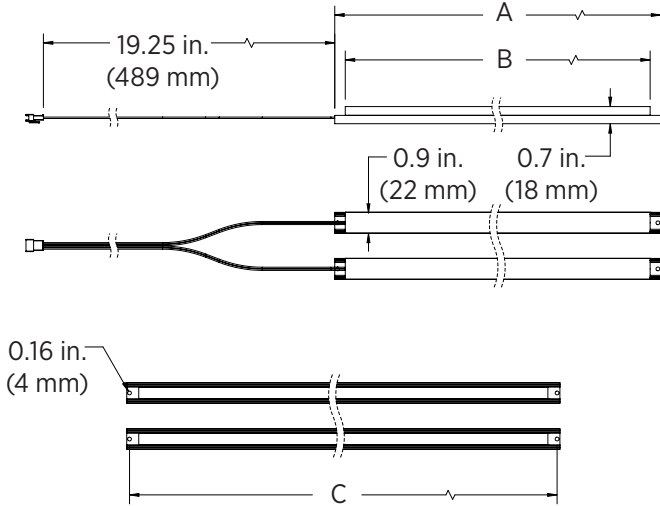


MRKDx-X1 Series

LED Tube Light Retrofit Kit Specifications

Dimensional Drawings

MRKD2-X1-xK25W-2S is shown for illustration purposes. Other light tubes are similar but may have slight differences in appearance and/or additional light tubes.



Model	A	B	C	Light Tube Quantity
MRKD2-X1-xK25W-2S	19.75 in. (502 mm)	17.9 in. (456 mm)	19.5 in. (495 mm)	2
MRKD4-X1-xK36W-2S	43.3 in. (1.1 m)	42.5 in. (1.08 m)	43 in. (1.09 m)	2
MRKD4-X1-xK50W-2S				2
MRKD4-X1-xK60W-3S				3
MRKD4-X1-xK60W-4S				4

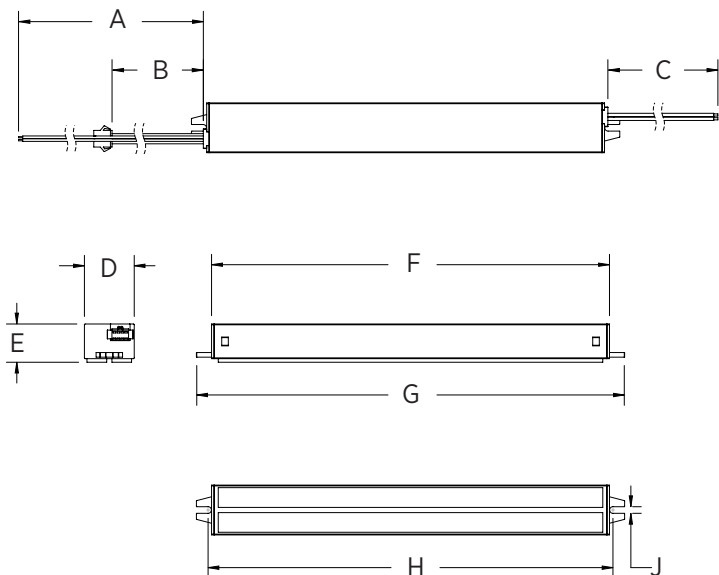


MRKDx-X1 Series

LED Tube Light Retrofit Kit Specifications

Dimensional Drawings

MRKD2-X1-xK25W-2S is shown for illustration purposes. Other drivers are similar but may have slight differences in appearance and/or additional light tubes.



Model	A	B	C	D	E	F	G	H	J
MRKD2-X1-xK25W-2S	15.75 in. (400 mm)	4.25 in. (108 mm)	5.75 in. (146 mm)	1.2 in. (30 mm)	0.9 in. (23 mm)	9.6 in. (243 mm)	10.25 in. (260 mm)	9.7 in. (246 mm)	0.16 in. (4 mm)
MRKD4-X1-xK36W-2S	8.8 in. (223 mm)	4.5 in. (113 mm)	8.75 in. (222 mm)	1.3 in. (32 mm)	1.2 in. (30 mm)	7.5 in. (191 mm)	8.4 in. (212 mm)	7.85 in. (199 mm)	0.27 in. (6.9 mm)
MRKD4-X1-xK50W-2S									
MRKD4-X1-xK60W-3S									
MRKD4-X1-xK60W-4S									

