



UKS Series

Retrofit kit for 4 and 8' fluorescent strips

Project: _____

By: _____

Cat No: _____

Type: _____

Date: _____



UKS Series

Power	60 W
Lumen	8500 Lm
Input Voltage	120-347 Vac
Length	4 pieds
CCT Selectable	4000K / 5000K
Adjustable Base	De 4,125" à 5,25"
Motion Sensor	Microwave
Dimming	0-10V
Programmable	Yes with RC-MK
CRI	> 80
Certifications	UL / DLC 5.1 Premium

DESCRIPTION:

LED retrofit kit for 4 and 8' fluorescent strips . An innovative solution that transforms an existing installation into a modern, high-performance light source. Unparalleled ease and speed of installation

- ✓ Adjusts to the vast majority of double fluorescent strips installed in North America.
- ✓ Advantageously replaces T5, T8 and T12 tubes

FEATURES:

- ✓ Universal input voltage 120 - 347 Vac
- ✓ CCT selectable via switch on luminaire: 4000K-5000K
- ✓ 0-10V lighting level dimming
- ✓ Motion sensor included
- ✓ Programmable motion sensor:
 - ▶ Lighting level in the absence/presence of people
 - ▶ Operation times
- ✓ Adjustable base (from 4,125" to 5,25"); fits most double fluorescent strips
- ✓ Seamless installation

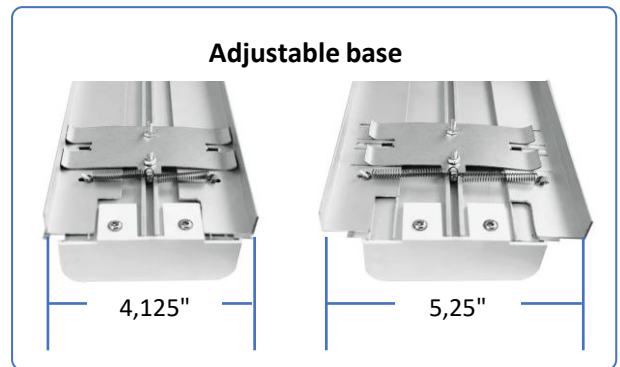
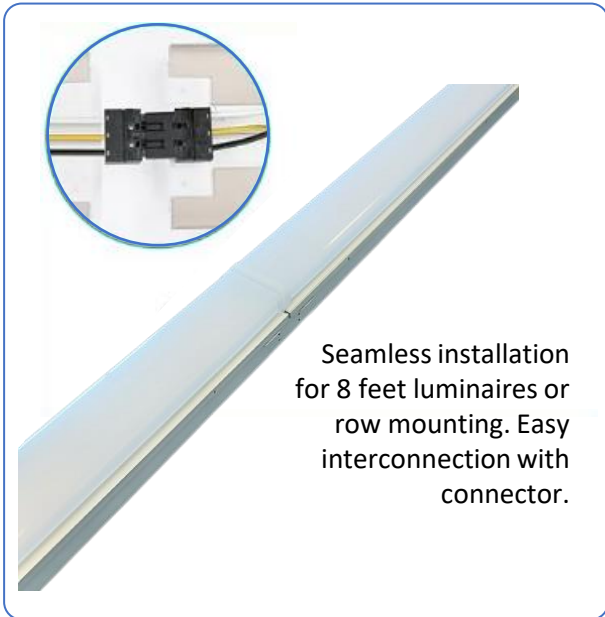
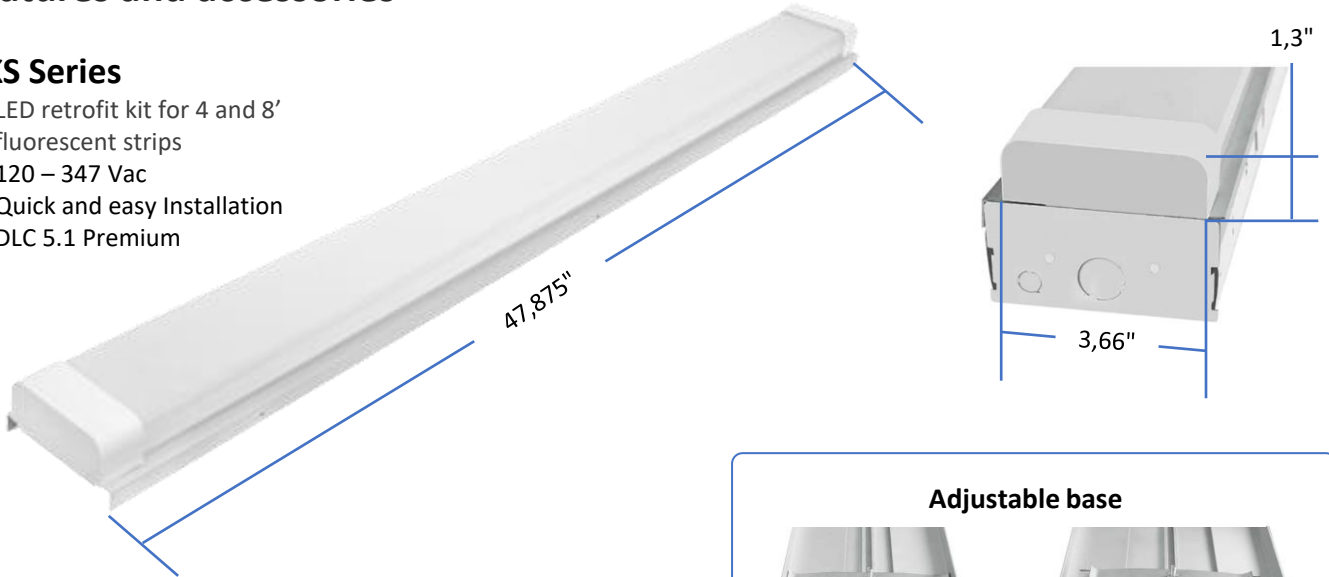
APPLICATIONS:

- ✓ Wherever 4' and 8' double fluorescent strips are installed

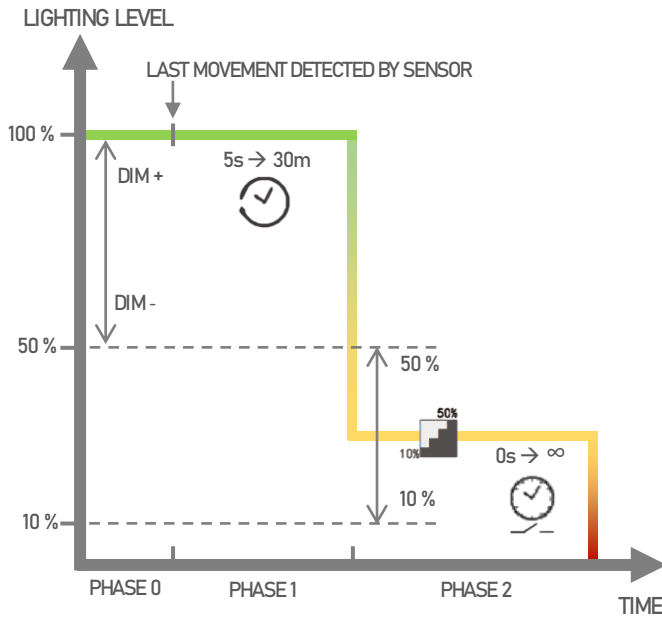
Features and accessories

UKS Series

- LED retrofit kit for 4 and 8' fluorescent strips
- 120 – 347 Vac
- Quick and easy Installation
- DLC 5.1 Premium



Principle of operation



For more details on the operation and programming of the motion sensor see the **RC-MK USER GUIDE**

Phase 0 : As long as a person is detected by the sensor, the luminaire is at its maximum intensity.
Adjustable lighting level with « DIM + » and « DIM - » (from 50% to 100%)

Phase 1 : In the absence of movement, the luminaire will hold its maximum intensity for a selectable duration of 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min. (hold period)

Phase 2 : If no movement is detected during the hold period, the luminaire will dim to an adjustable intensity of 10% / 20% / 30% / 40% / 50% (stand-by period).

The reduced light level will be maintained for a selectable duration of 0s / 10s / 1min / 3min / 5min / 10min / 30min / +∞ before going off.

Exemple:

By adjusting the stand-by period to 0s, the luminaire will turn off directly after the hold period without going through a reduction in lighting.

By adjusting the stand-by period to +∞, the light will keep its intensity reduced indefinitely without ever turning off in the absence of movement.

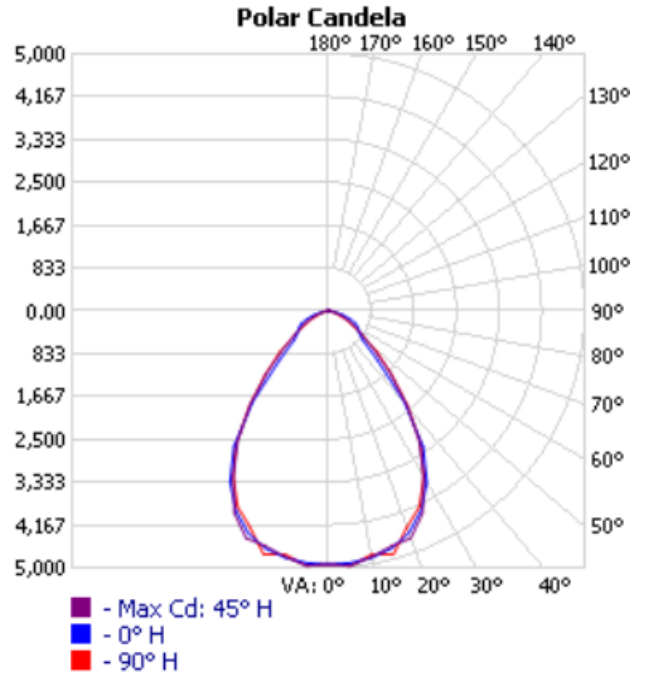
Recommendations for the optimum operation of motion sensors

- 1- Maintain a minimum distance of 3 meters between motion sensors.
- 2- Suspended fixtures should be installed on rods instead of chains to prevent fixture movement. Movement of the luminaire may trigger false motion detection.
- 3- The motion sensor does not differentiate between a human and any other moving objects within its detection zone. So, beware of fans, forced air heating equipment, conveyors or any other equipment that could create movement on objects and thus trigger a false detection
- 4- Large reflective surfaces (metal, concrete or glass) near a motion sensor may cause false detections due to microwave reflection off these surfaces.
- 5- We recommend a preliminary installation of a few luminaires to validate the performance of the motion sensors in the project environment.
- 6- **Caution:** The installation of a luminaire equipped with a motion sensor does not replace the installation of a night light for security. Light fixtures with a motion sensor are intended to reduce power consumption, not to replace a circuit breaker.

Item tested:	UKS4-60W-CTC-HV-IS
Test voltage:	120Vac
CCT tested:	3500K

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3,771.5	44.7%	44.9%
0-40	5,697.2	67.6%	67.8%
0-60	7,680.4	91.1%	91.3%
60-90	691.4	8.2%	8.2%
70-100	258.2	3.1%	3.1%
90-120	8.1	0.1%	0.1%
0-90	8,371.7	99.3%	99.6%
90-180	36.9	0.4%	0.4%
0-180	8,408.6	99.7%	100%



Specifications

UKS Series	UKS4-60W-CTC-HV-IS
Power	60W
Lumen	8500 Lm
Input Voltage	120-347 Vac 50-60 Hz
Efficiency	137 to 141 Lm/W
Operating temperature	-30 °C to 40 °C
CCT Selectable	4000K / 5000K
Motion sensor	Microwave
Dimming	0-10V
Programmable	Yes with RC-MK
CRI	> 80
Power factor	> 0.9
Total Harmonic Distortion (THD)	< 20%
Internal overvoltage protection	Yes
LED life (L70)	> 100 000 Hrs
Housing	White Aluminum
Lens	Frosted Polycarbonate
Weight	1,8 kg / 4 lbs
Certifications	UL / DLC 5.1 Premium
DLC ID	S-5INA3T

DLC Data			
CCT Nominal	CCT (K)	Watt (W)	Lumen (Lm)
3500K	3401K	61,4	8430

Lumen Adjustment Factor	CCT	Factor
	3500K	1
	4000K	1,018
5000K	1,024	

Input Voltage	Max UKS in series
120 Vac	15
277 Vac	24
347 Vac	32

How to order

Item	Description	Comments
UKS4-60W-CTC-HV-IS	120-347V / 60W / 4 feet Retro-fit Kit	Only one luminaire for all your applications
RC-MK	Remote control for motion sensor programming	Optional minimum of 1 per project if programming is required

