

# Vibrant Image. Illuminated by LEDrofit.



Discerning sign owners demand true, vibrant, and reliable delivery of their brand image. That's why Denny's recently selected LEDrofit to illuminate their signs so that the Denny's brand can look as it was originally intended.

Inspired by a desire to create a better blend of light for sign customers, LEDrofit's unique construction generates a "bow-tie" illumination pattern that distributes light in a highly uniform pattern. And it's brighter than a leading competitor.



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### **FIELD RETROFIT SIGNS**

## Reduces maintenance costs for the Sign Owner

and reduces labor costs for Sign and Service Shops



A True Retrofit. Unlike some competitors, pre-existing mounting systems can be used, reducing time that the installer has to spend on-site. Also, LEDrofit lasts longer than fluorescent, leading to fewer visits to fix the sign.

## **NEW BUILD SIGNS**

Siliconing

## Reduces labor costs and increases throughput

#### **Double - Sided Signs** No need to build your own doublesided LED Stick from scratch. LEDrofit is a "Ready to go" solution.

Peel & Stick

#### **Single - Sided Signs**

No need to peel and stick individual modules and secure them with messy silicone. Built-on insulated adaptors simply fit into existing sockets.

#21-277 April 2017



1000 M. A

"LEDrofit is a great solution for installation savings." We spent less money on labor since our installers were able to use the existing sockets in the sign." Blagica Vicic, Twilight Signs

Faster Installation









#### SPECIFICATIONS GUIDE

Allanson

- Quick and easy replacement of T12 Fluorescent lamps
- Insulated adaptors mount directly into existing sockets
- Diamond shape sturdy housing for wider light beam
- Aluminum structure for continuous heat dissipation
- Bright white LED in daylight color
- Operating temperature: -40°C to +50°C
- Safe 12V system

Specifications					
Double	Sided	LEDrofit**	6000K		

Т12-НО	Lumens	Watts
18"	636	7.0
24"	1060	11.7
30"	1271	13.9
36"	1695	18.1
42"	1907	20.4
48"	2331	24.6
60"	2967	30.7
64"	3179	31.9
72"	3602	36.0
84"	4238	41.0
96"	4874	45.5
108"	5510	49.1
117"	5933	51.0
120"	6145	55.8
	T12-HO   18"   24"   30"   36"   42"   48"   60"   64"   72"   84"   96"   108"   117"   120"	T12-HOLumens18"63624"106030"127136"169542"190748"233160"296764"317972"360284"423896"4874108"5510117"5933120"6145

Power Supplies Loading						
Double Sided LEDrofit** 6000K						
Part number	CV122-120-277V (24W)	CV125-120 Series***	CV12125-MV (2x60W)			
ALDF-18CW-DS	3	7	7 + 7			
ALDF-24CW-DS	2	4	4 + 4			
ALDF-30CW-DS	1.5*	4	4 + 4			
ALDF-36CW-DS	1	3	3 + 3			
ALDF-42CW-DS	1	2.5*	2.5* + 2.5*			
ALDF-48CW-DS	-	2	2 + 2			
ALDF-60CW-DS	-	1.5*	1.5* + 1.5*			
ALDF-64CW-DS	-	1.5*	1.5* + 1.5*			
ALDF-72CW-DS	-	1.5*	1.5* + 1.5*			
ALDF-84CW-DS	-	1	1 + 1			
ALDF-96CW-DS	-	1	1 + 1			
ALDF-108CW-DS	-	1	1+1			
ALDF-117CW-DS	-	1	1 + 1			
ALDF-120CW-DS	-	1	1+1			

\* 0.5 represents one side of a LEDrofit lamp.

\*\* Single sided LEDrofit available upon request (special order).

 $\xleftarrow{6''} \xleftarrow{12''} \xleftarrow{12''} \xleftarrow{12''} \xleftarrow{6''}$ \*\*\* CV125-120 series include CV125-120, CV125-120-277, CV125-347, and CVW-125-MV.

#### Spacing and Depth:

The first and last LEDrofit lamps should be positioned maximum 6" from the center of the lamp to the inside side wall of the cabinet, and space between lamps should be 12".

Recommended minimum distance from LEDrofit lamp to sign face is 6". Results may vary based on sign face material, graphics, and sign depth).

#### Packaging:

LEDrofit lamps are packaged 1 lamp in a tube.

**Retrofit Kit available** upon request.

> F465152 RETORFIT SIGN CONVERSION LED KIT ARKT - Series R USE ONLY IN ACCORDANCE VITH KIT INSTRUCTIONS

> > llS

LISTED





5 YEAR

Staliation Orientation

#### Instruction Manual - ALDF-XXCW-SS/DS



Thank you for purchasing the Allanson LEDrofit LED Replacement lamp. The retrofit process is straight forward and should be done following local electrical codes and standards.



Step One: turn off primary power.



**Step Two:** remove all of the HO Lamps and Ballasts and dispose of them in accordance to local regulations. In this step, cut all ballast leads and remove them from the sockets, or tuck the leads under the raceways.

#### IMPORTANT: There Should be NO Power ever to the sockets for any reason!



**Step Three:** mechanically fasten the New Allanson ClassII LED Power Supply and with the primary power still off, connect the primary wire(s) to the existing primary circuit.



**Step Four:** install each of the LEDrofit lamps into the sockets by inserting one end in the "spring socket" then compressing the spring enough to swing the opposite end over and into the fixed socket.

**Note:** make sure that the LEDrofit lamps are positioned correctly so that the red line markings on the ends are facing towards the face of the sign or cabinet box.



**Step Five:** wire according to the **MAX Load** of the specified Allanson Class II LED Power Supply indicated on the specifications guide literature.



**Step Six:** when installation is complete, turn the primary power on and check to make sure that all LEDrofit lamps are working. If not all LEDrofit lamps turn on, turn off the primary power and retrace your steps to make sure everything is in order.



