



DECO® | LIGHTING

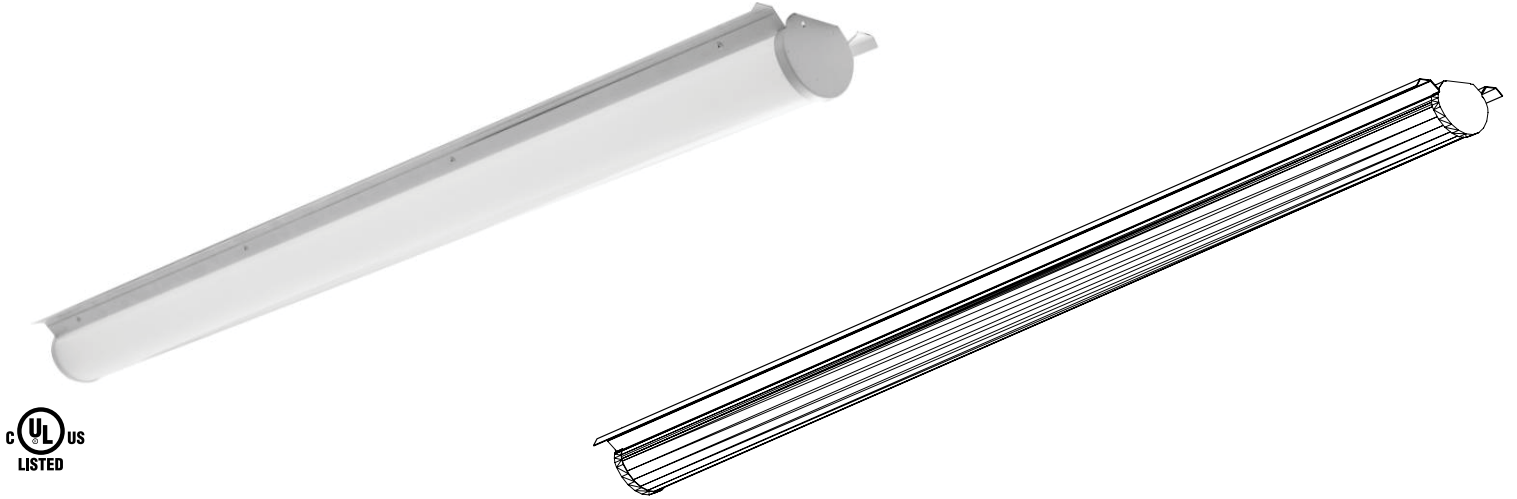
DCH-RET-LED

DECO Channel Retrofit Kit



Job Information

Type:	
Catalog #:	
Project:	
Comments:	
Prepared by:	



Description

Convert your existing 4' and 8' fluorescent strips to our architectural high-end LED fixture by simply removing the ballast cover and installing our Deco Channel Retrofit Kit, which includes a ribbed diffuser lens designed to eliminate LED pixilation. It's the perfect retrofit answer to save energy while upgrading the look of your fixtures to meet a higher, architectural standard. This innovative kit is designed to retrofit 4' and 8' strips or to provide continuous runs to energy-saving LED. The DCH-RET-LED series is available in neutral or cool color temperatures and dimming comes standard. The DCH-RET-LED upgrade retrofit kit is easy to install and fits almost any existing 4' or 8' linear strip, making it a perfect upgrade option where energy savings and long life are critical.

Ordering Information

Example: (DCH-LED-4-35-40-UNV-RET-EM)



Series	Length	Wattage/Lumen	Color Temp.	Voltage	Fixture Type	Option
LED Strip	4' 4'	25 25W/2875 ¹	30 3000K	UNV 120-277V	RET Retrofit Kit	EM Emergency
		35 35W/4025 ¹	35 3500K			DM Dimmable
	8' 8'	45 45W/5175 ¹	40 4000K			CSC Control Scope Connected
		60 60W/6900 ¹	50 5000K			2D 2 Drivers
						MS Motion Sensor

¹Delivered Lumens (5000K)



Deco Lighting practices a program of continuous product development, and as a result product specifications change frequently. We reserve the right to change product specifications without notice. Contact Deco for the latest product information.

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Digitize your light.®

Features

- LED Saves 60-75% of energy over HID and 40-50% over T8/T5HO.
- Die formed of 24 gauge cold-rolled steel body.
- All steel surface are painted after fabrication with high gloss baked white matte power painted.
- Attaches to standard Fluorescent Strip lights from 4.25" to 5.25" wide.
- 0-10V standard dimming, optional Bi-Level Occupancy Sensor.
- UL/cUL Listed, RoHS Compliant.
- 10 years warranty, 100,000hrs Lifespan.
- DesignLights Consortium (DLC) PREMIUM – Qualified Products List.
- DLC listed for Utility Rebates (See matrix below).
- Operating Temperature: 0°-55°C Max Ambient
- CRI: 83+

DLC Listed

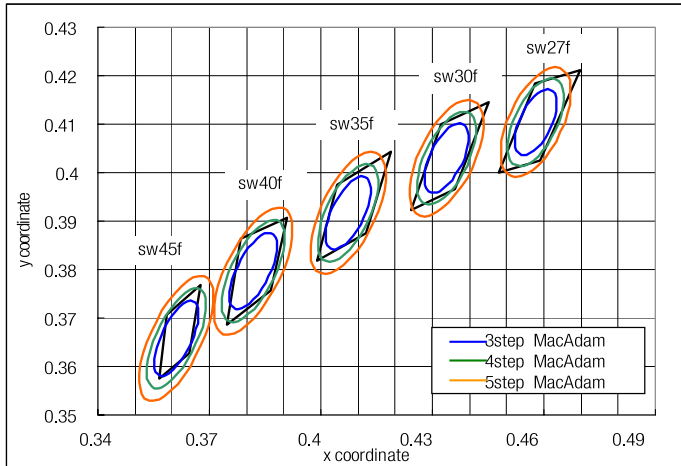
	4'		8'	
	25W	35W	45W	60W
3000K				
3500K	X	X	X	X
4000K	X	X	X	X
5000K	X	X	X	X

Lumen Chart

Size	Model Number	System Watts	5000K	4000K	3500K	3000K
4'	DCH-RET-LED-4-25	22.5W	2473	2446	2387	2329
	DCH-RET-LED-4-35	32.5W	3655	3648	3491	3341
8'	DCH-RET-LED-8-45	40W	4600	4500	4450	4401
	DCH-RET-LED-8-60	67W	7700	7600	7525	7451

MacAdam Ellipse

A MacAdam ellipse is a region on a chromaticity diagram which contains all colors which are indistinguishable, to the average human eye, from the color at the center of the ellipse. This measure helps to establish the variability in color a light source can exhibit before a general observer will notice the shift in color. Each standard deviation out from the target center is referred to as a MacAdam step, with ANSI recommending that lamp manufacturers stay within a “4-step” ellipse. This 4-step MacAdam minimum requirement means that lamp manufacturers are given a great deal of allowance regarding the perceptible differences in color properties of their fixtures versus what they advertise.



Deco Lighting uses only the finest LEDs made by Nichia, the world’s largest LED manufacturer. The Nichia LED is considered the Rolls Royce of LEDs. Featuring a 3-step MacAdam ellipse, the tightest binning in the industry, Nichia LEDs are held to a higher standard than minimum industry requirement and don’t color-shift like fixtures utilizing lower quality LEDs.

sw27f	
x	y
0.4478	0.3999
0.4576	0.4183
0.4698	0.4212
0.4591	0.4025

sw30f	
x	y
0.4244	0.3923
0.4325	0.4101
0.4452	0.4146
0.4362	0.3965

sw35f	
x	y
0.3989	0.3819
0.4045	0.3975
0.4452	0.4044
0.4362	0.3875

sw40f	
x	y
0.3746	0.3687
0.3783	0.3836
0.3909	0.3906
0.3864	0.3757

sw45f	
x	y
0.3565	0.3576
0.3585	0.3706
0.3675	0.3769
0.3646	0.3627