



DECO® | LIGHTING

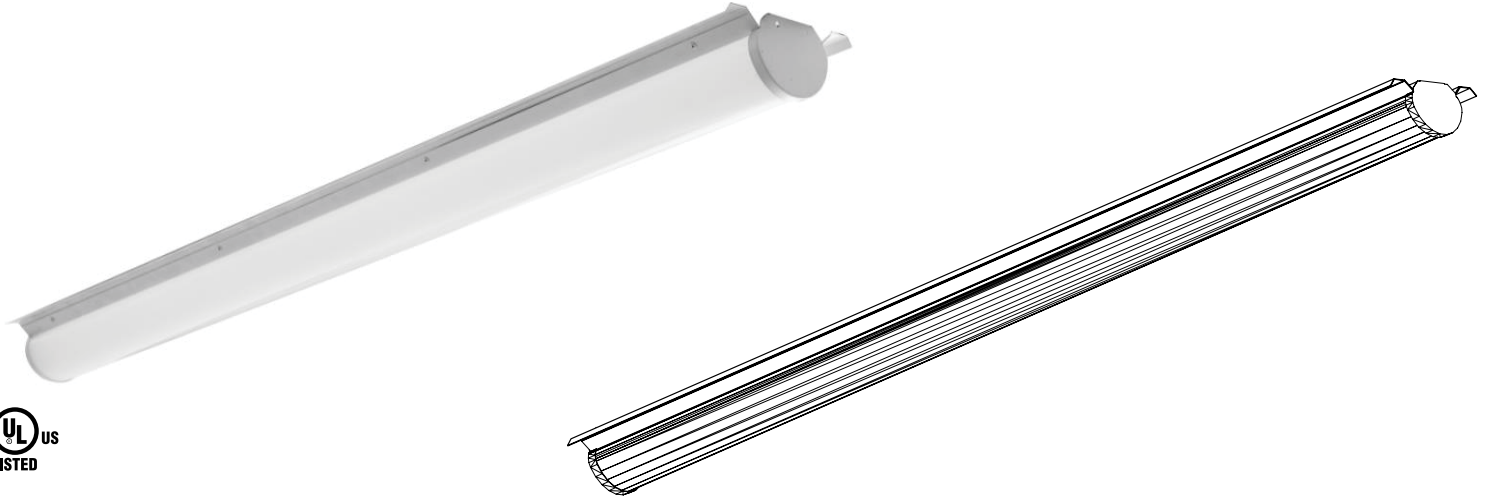
DCH-RET-LED

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-8-65-50-UNV-RET-EM)

DCH-LED [] [] [] [] [] [] [] []

Series	Length	Wattage/Lumen	Color Temp.	Voltage	Fixture Type	Dimming	Option			
LED Strip Retrofit	4	4'	23	23W/2990 ^{1,2}	40	4000K	UNV 120-277V	RET Retrofit Kit	DM 0-10V Dimming Standard	EM Emergency Control Scope Connected Motion Sensor
			35	35W/4550 ^{1,2}						
	8	8'	46	46W/5980 ^{1,2}						
			65	65W/8320 ^{1,2}						

¹ Delivered Lumens (4000K)
² DLC Listed Wattage - See DLC matrix on Page 2 for more info



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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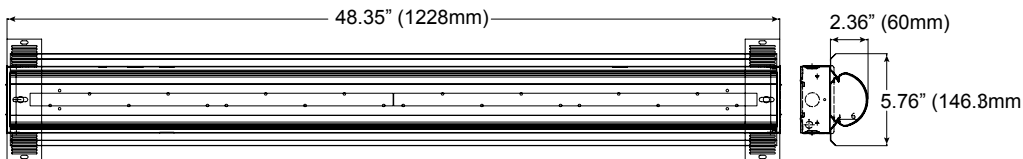
Digitize your light.®

Features

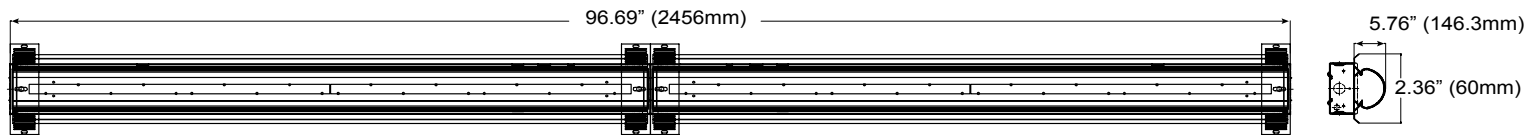
- LED Saves 60-75% of energy over HID and 40-50% over T8/T5HO.
- Die formed of 24 gauge cold-rolled steel body.
- All steel surface are painted after fabrication with high gloss baked white matte power painted.
- Attaches to standard Fluorescent Strip lights from 4.25" to 5.25" wide.
- 0-10V standard dimming, optional Bi-Level Occupancy Sensor.
- UL/cUL Listed for Dry and Damp locations, RoHS Compliant
- Performs at up to 130 lumens per watt
- Operating Temperature: -20° to +50°C Ambient
- CRI: 83+
- Lifetime Ratings - L90: 112,000 hours; L80: 224,000 hours
- DLC Listed for Utility Rebates (see table below for models listed)

Dimensions

4ft Model



8ft Model



Lumen Chart

Size	Model Number	System Watts	5000K	4000K
4'	DCH-RET-LED-4-23	23W	3013	2990
	DCH-RET-LED-4-35	35W	4600	4550
8'	DCH-RET-LED-8-46	46W	6026	5980
	DCH-RET-LED-8-65	64W	8400	8320

Projected LED Maintenance

Operating Hours	0	25,000	50,000	100,000	150,000
Lumen Maintenance Factor	25°C Ambient Interior Temp (77°F)				
	1	0.99	0.96	0.91	0.87
	45°C Ambient Interior Temp (113°F)				
	1	0.96	0.90	0.80	0.71

DLC Listed

	4'		8'	
	23W	35W	46W	65W
4000K	X	X	X	X
5000K	X	X	X	X

Performance Data

CRI:	83+
CCT:	4000K, 5000K
Warranty:	10 yr. Limited Warranty
Dimming:	0-10V Dimming Standard, 100% down to 10%
Operating Temperature:	-20° to +50°C Ambient
Projected Lifetime Rating:	224,000 Hours (L80); 112,000 Hours (L90)
Power Factor:	> 0.90
Total Harmonic Distortion (THD):	< 15%