

DCH-LED

LED Strip



Job Information

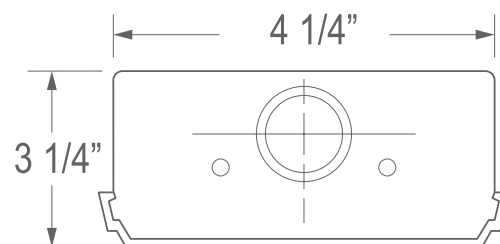
Type:

Catalog #:

Project:

Comments:

Prepared by:



Description

The DCH-LED series is a functional and multi-purpose strip family that incorporates premium performance and construction durability. The performance and application versatility of this series can be increased by incorporating optional symmetrical and asymmetrical reflectors. This fixture can be installed using various mounting methods and numerous options and accessories are available. The DCH-LED series can be the illumination solution in commercial, industrial, institutional and retail applications. An excellent choice for storage/utility areas, coves, display cases, shops, task and general area lighting.

Ordering Information

Example: (DCH-LED-4-35-30-UNV-EM)

DCH-LED

Series	Length		Wattage/Lumen		Color Temp.	Voltage		Option	
LED Strip	2	2'	12	12W/1380 ¹	30	UNV	120-277V	EM	Emergency
			25	25W/2875 ¹	35			DM	Dimmable
	4	4'	25	25W/2875 ¹	40			CSC	Control Scope Connected
			35	35W/4025 ¹	50			2D	2 Drivers
			45	45W/5175 ¹				MS	Motion Sensor
			60	60W/6900 ¹					
	8	8'	45	45W/5175 ¹					
			60	60W/6900 ¹					
			90	90W/10350 ¹					
			120	120W/13800 ¹					

¹ Delivered Lumens (5000K)

Features

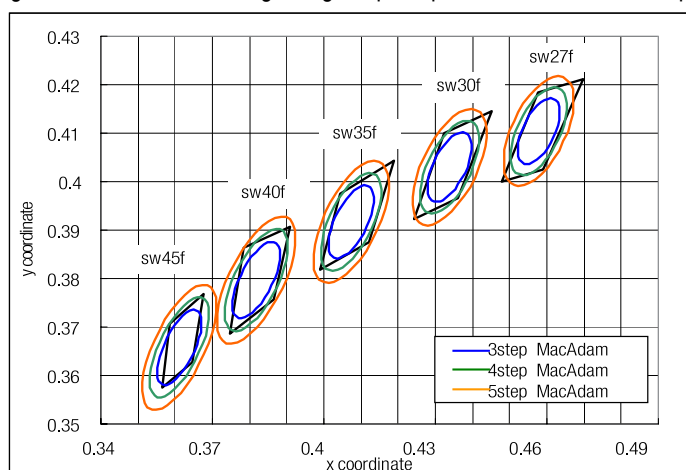
- Die formed channel.
- End plate converts to channel aligner for continuous row mounting.
- Powder coated white enamel finish after fabrication.
- Easy wireway access/wireway cover removed without tools.
- Numerous KOs for easy installation.
- Also available in tandem 8' lengths, and tandem wired 16' lengths.
- UL listed, CSA certified.
- Projected life is 174,000+ hours at 70% lumen output.
- This driver is 0-10V dimming standard.
- DLC listed (See matrix on page 2).

DLC Listed

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

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