

# DFS01

## MODULAR CURVED LIGHTING SYSTEM SPECIFICATIONS



### Job Information

|              |  |
|--------------|--|
| Project Name |  |
| Type         |  |
| Location     |  |
| Quantity     |  |
| Date         |  |

## DESCRIPTION

DFS01 is a modular architectural LED pendant lighting system designed to bring creative freedom to contemporary spaces. Interconnectable curved segments allow for fluid, free form compositions, enabling designers to create unique lighting arrangements that adapt to different architectural concepts. Combining smooth curves, a clean linear profile, and versatile configurations, DFS01 transforms functional illumination into a distinctive architectural design element.

## OVERVIEW

- Modular curved LED pendant lighting system
- Flexible design possibilities for unique architectural compositions
- High performance LED with excellent visual comfort
- Available in multiple CCT (3000K–6000K)
- Supports Non-Dim, Triac, 0-10V, and DALI dimming protocols
- Suitable for dry location
- Two profile sizes
- Flicker free

## PERFORMANCE

|                         |                                |
|-------------------------|--------------------------------|
| MODEL NAME              | DFS01                          |
| POWER CONSUMPTION(±10%) | Varies Based on Size           |
| INPUT VOLTAGE           | 120-277V AC / 120-347V AC      |
| EFFICACY                | 100Lm/W                        |
| DIMMING                 | Triac/0-10V/DALI               |
| CCT                     | 3000/3500/4000/6000K           |
| CRI                     | +80                            |
| BEAM ANGLE              | 120°                           |
| OPTIC                   | SMD2835                        |
| POWER FACTOR            | >0.95                          |
| UGR                     | <19                            |
| MOUNTING OPTION         | Pendant                        |
| CONFIGURATION           | Free Shape                     |
| MATERIAL                | 6063 Extruded Aluminum Profile |
| FINISH                  | Powder Coating                 |
| FIXTURE COLOR           | White/Black/Silver/Gold        |
| COVER                   | PMMA Diffuser                  |
| APPLICATIONS            | Indoors                        |
| CERTIFICATIONS          | cETL Listed                    |
| WARRANTY                | 5 Years                        |



## SPECIFICATIONS

### ■ OPTICS

SMD2835 LEDs paired with a PMMA diffuser deliver smooth, uniform illumination with a clean, continuous light appearance.

### ■ ELECTRICAL

Voltage: 120-277V AC / 120-347V AC

### ■ ENVIRONMENT & CERTIFICATIONS

cETL listed for dry locations

### ■ WARRANTY

5 years limited warranty

### ■ MOUNTING

Pendant installation

### ■ FINISH

The powder coated finish ensures a uniform appearance, offering long term durability and superior aesthetics.

### ■ HOUSING MATERIAL

Extruded aluminum housing ensures durability and efficiency.

### ■ LED SYSTEM

**CRI** With +80 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

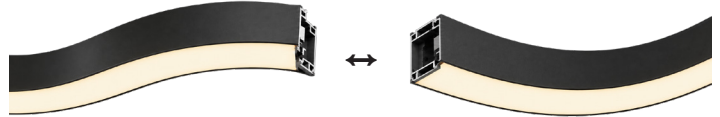
**CCT** Available in 3000K, 3500K, 4000K, 6000K with excellent color consistency.

# DFS01

## MODULAR CURVED LIGHTING SYSTEM SPECIFICATIONS

### MODULAR SYSTEM

DFS01 features a modular design that allows multiple S-shaped sections to connect seamlessly, creating continuous, flowing lighting configurations. Its flexible system enables customized lengths and arrangements to suit a variety of architectural spaces.



### INSTALLATION OPTIONS



Center Ceiling Box



Individual Points

For available dimensions, profiles and ordering information please refer to the Ordering Guide.

### FINISHING COLOR



White



Black

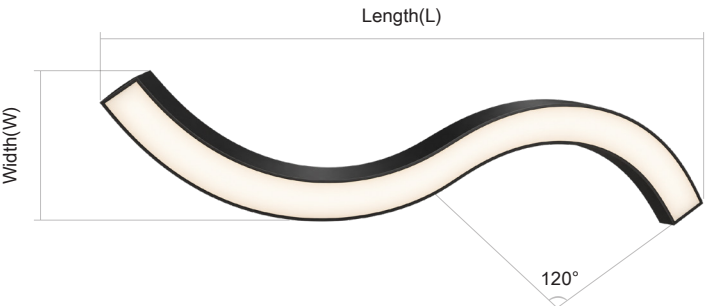


Silver



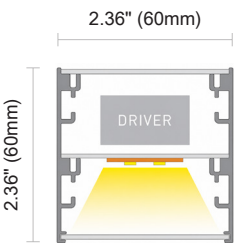
Gold

### PROFILE DIMENSION

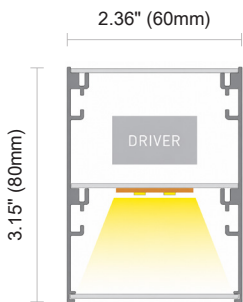


Notes: Refer to the ordering table for available dimensions.

### PROFILE OPTIONS (CROSS SECTION)

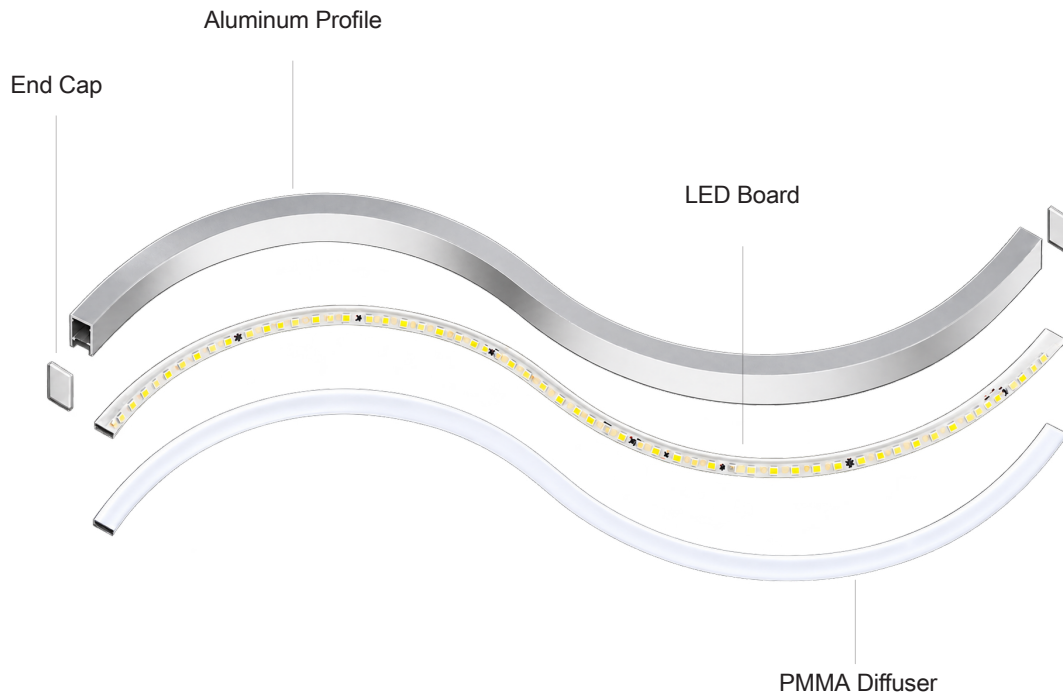


DFS 6060

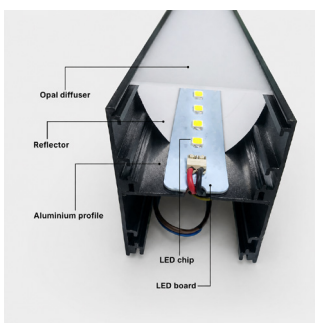


DFS 6080

## SYSTEM CONSTRUCTION



## CONSTRUCTION FEATURES



### PCB Board

High-efficiency LED board for reliable performance.



### Built-in Driver

Integrated driver compartment for easy maintenance.



### Aluminum Profile

Precision extruded aluminum profile with powder-coated finish.

# DFS01

## MODULAR CURVED LIGHTING SYSTEM SPECIFICATIONS

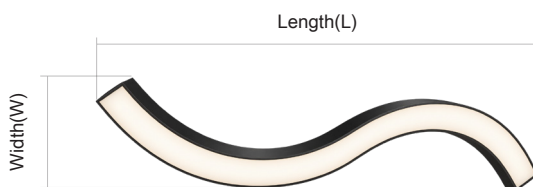
### PRODUCT ORDERING GUIDE

EXAMPLE: DFS-6060-10W-1000lm-L35-277-30K-82-V-B

| DFS   | -6060           | -10W    | -1000lm       | -L35              | -277    | -30K | -82 | -V      | -B     |
|-------|-----------------|---------|---------------|-------------------|---------|------|-----|---------|--------|
| Model | Profile Section | Wattage | Luminous Flux | Profile Dimension | Voltage | CCT  | CRI | Dimming | Finish |

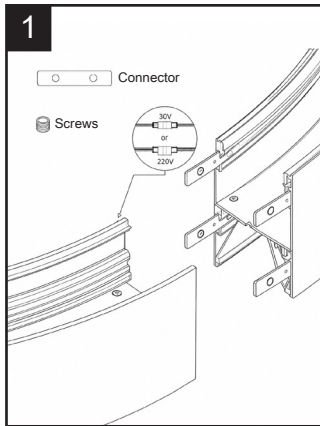
| MODEL | PROFILE SECTION(mm)<br>(WIDTH x HEIGHT) | WATTAGE | LUMINOUS FLUX | PROFILE DIMENSION<br>(LENGTH x WIDTH)    | VOLTAGE                            | CCT                                                  | CRI | DIMMING                                    | FINISH                                       |
|-------|-----------------------------------------|---------|---------------|------------------------------------------|------------------------------------|------------------------------------------------------|-----|--------------------------------------------|----------------------------------------------|
| DFS   | 6060: 60x60                             | 10W     | 1000lm        | L35: L35.04"xW9.25" (L890"W235(mm))      | 277: 120-277VAC<br>347: 120-347VAC | 30K: 3000K<br>35K: 3500K<br>40K: 4000K<br>60K: 6000K | 82  | T: Triac<br>V: 1-10V<br>D: Dali<br>N: None | W: White<br>B: Black<br>S: Silver<br>G: Gold |
|       |                                         | 15W     | 1500lm        | L48: L48.42"xW12.05" (L1230"W306(mm))    |                                    |                                                      |     |                                            |                                              |
|       |                                         | 20W     | 2000lm        | L57: L57.28"xW13.98" (L1455"W355(mm))    |                                    |                                                      |     |                                            |                                              |
|       |                                         | 30W     | 3000lm        | L65: L65.16"xW15.55" (L1655"W395(mm))    |                                    |                                                      |     |                                            |                                              |
|       |                                         | 40W     | 4000lm        | L85: L85.04"xW19.68" (L2160"W500(mm))    |                                    |                                                      |     |                                            |                                              |
|       |                                         | 50W     | 5000lm        | L101: L101.97"xW23.23" (L2590"W590(mm))  |                                    |                                                      |     |                                            |                                              |
|       |                                         | 60W     | 6000lm        | L112: L112.99"xW25.39" (L2870"W645(mm))  |                                    |                                                      |     |                                            |                                              |
|       |                                         | 75W     | 7500lm        | L135: L135.24"xW30.12" (L3435"W765(mm))  |                                    |                                                      |     |                                            |                                              |
|       |                                         | 120W    | 12000lm       | L206: L206.69"xW61.42" (L5250"W1560(mm)) |                                    |                                                      |     |                                            |                                              |
|       |                                         | 140W    | 14000lm       | L224: L224.41"xW48.42" (L5700"W1230(mm)) |                                    |                                                      |     |                                            |                                              |
|       |                                         | 160W    | 16000lm       | L280: L280.12"xW60.04" (L7115"W1525(mm)) |                                    |                                                      |     |                                            |                                              |
|       |                                         | 180W    | 18000lm       | L335: L335.63"xW71.46" (L8525"W1815(mm)) |                                    |                                                      |     |                                            |                                              |
|       |                                         | 240W    | 24000lm       | L391: L391.34"xW83.07" (L9940"W2110(mm)) |                                    |                                                      |     |                                            |                                              |
|       | 6080: 60x80                             | 10W     | 1000lm        | L35: L35.04"xW9.25" (L890"W235(mm))      |                                    |                                                      |     |                                            |                                              |
|       |                                         | 15W     | 1500lm        | L48: L48.42"xW12.05" (L1230"W306(mm))    |                                    |                                                      |     |                                            |                                              |
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|       |                                         | 40W     | 4000lm        | L85: L85.04"xW19.68" (L2160"W500(mm))    |                                    |                                                      |     |                                            |                                              |
|       |                                         | 50W     | 5000lm        | L101: L101.97"xW23.23" (L2590"W590(mm))  |                                    |                                                      |     |                                            |                                              |
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|       |                                         | 180W    | 18000lm       | L335: L335.63"xW71.46" (L8525"W1815(mm)) |                                    |                                                      |     |                                            |                                              |
|       |                                         | 240W    | 24000lm       | L391: L391.34"xW83.07" (L9940"W2110(mm)) |                                    |                                                      |     |                                            |                                              |

#### Quick Reference:



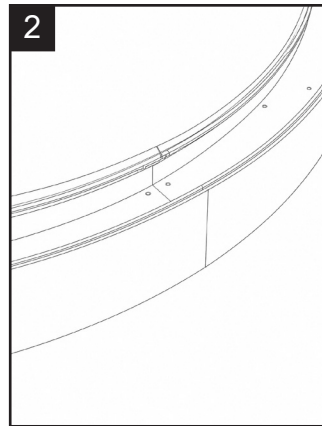
## SEGMENT ASSEMBLY

## 1 PROFILE CONNECTION



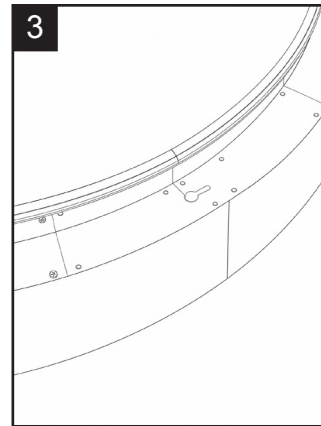
## Step 1

Before fixed the profiles, connect the terminals of the wire first.



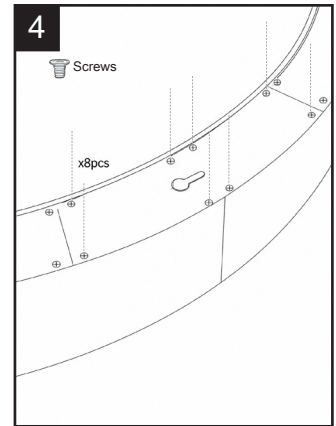
## Step 2

After fixed the profiles, then slip the connectors to another side, and then fix them with screws.



## Step 3

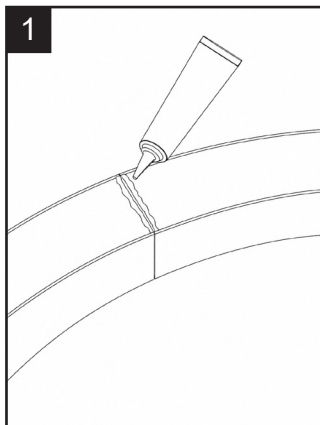
Install the profiles top cover.



## Step 4

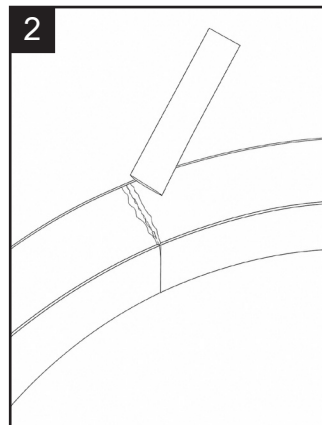
After install the profiles top cover, fixed them with screws.

## 2 COVER CONNECTION



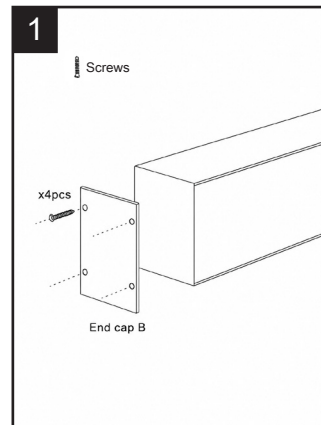
## Step 5

Fill the gap with glue.



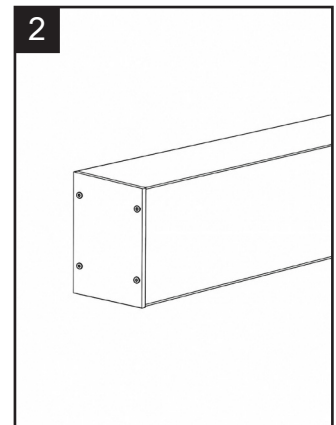
## Step 6

Make glue smooth with a Scraper.



## Step 7

Align the end cap with the profile end.



## Step 8

Fix the end cap to the end of the profile with screws.

## 3 END CAP INSTALLATION