

The Confetti Family



Just like little pieces of paper floating from the sky can create an amazing image in a parade, Confetti™ offers a fun way to deliver light in small packages. The Confetti™ family's array of options include recessed downlights, wallwashers , eyeball adjustables and surface offerings in the form of tiny monopoints and pendants. Have some fun and throw some Confetti™ to light your space.

PROJECT: TYPE:  
SPECIFIER: DATE:

Key Points (CF1D-SF)

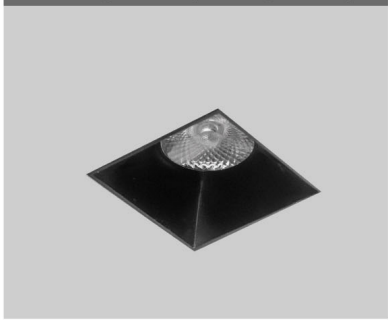
- Trim
- Distinctive, small 1" square Deep Regress aperture.
  - Flangeless and Flanged trims available for retrofit type installation, no housing required.
  - Unique design of Flangeless Trim allows for truly flat, smooth ceilings when using the Confetti™ Counter Bore Hole Saw. For optimal installation we recommend this tool. Order under accessories.
  - Flanged trim features micro-bite wing springs.
  - White or Black standard finish for aperture bezel and flanged trims.

- Source / Optics
- 2700K, 3000K and 3500K available.
  - 3 beamspreads available - 20°, 32°and 40°
  - Up to 2250 Peak CD
  - Up to 549 delivered lumens from our very small, 1" aperture
  - <3 MacAdam Steps (<3SDCM) for fixed white
  - 90 CRI , 60+ R9 Standard

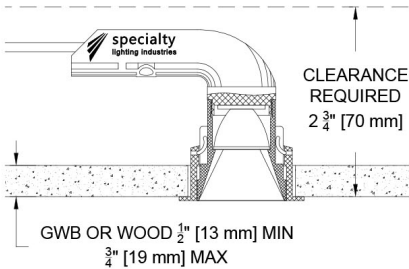
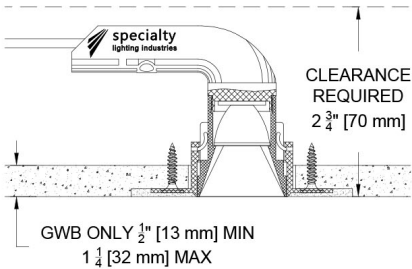
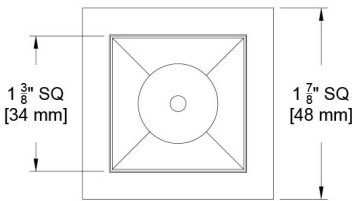
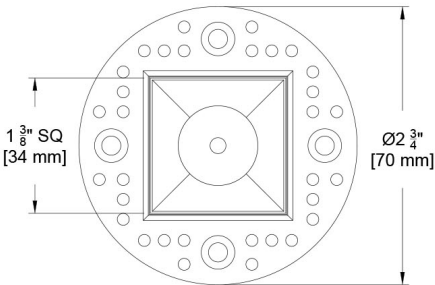
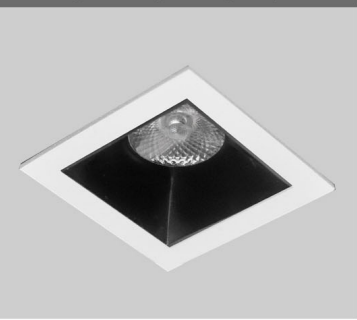
- Housing
-  IC Rated / airtight housing approved for use in direct contact with insulation meeting CA Title 24 requirements.
  -  - listed for Wet Location
  - Wire pigtail are CMP rated for plenum use

- Drivers
- Configurable driver box for up to 4 Confetti™ fixtures on a single remote driver. Can be mixed with other fixtures within the Confetti™ family. Quantity of driver boxes needs to be specified based upon number of fixtures and control zone requirements.
  - Remote Universal EldoLED driver, 120-277V
  - Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
  - 0-10, DALI-2, TruPhase™

1" Square (Flangeless)



1" Square (Flanged)











| SQUARE Beamspreads |                  | 20°                   |              |         |           |     | 32°                   |              |         |           | 40°                   |              |         |           |
|--------------------|------------------|-----------------------|--------------|---------|-----------|-----|-----------------------|--------------|---------|-----------|-----------------------|--------------|---------|-----------|
| Source             | System watts (W) | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field |     | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field |
| Deep Regress       | SG7              | 8                     | 537          | 67      | 2250      | 56° | 528                   | 66           | 1378    | 64°       | 549                   | 69           | 1086    | 66°       |

For full photometric data see Photometry Table Page.

Ordering Codes

PROJECT: \_\_\_\_\_ SPECIFIER: \_\_\_\_\_  
  
 DATE: \_\_\_\_\_ TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_

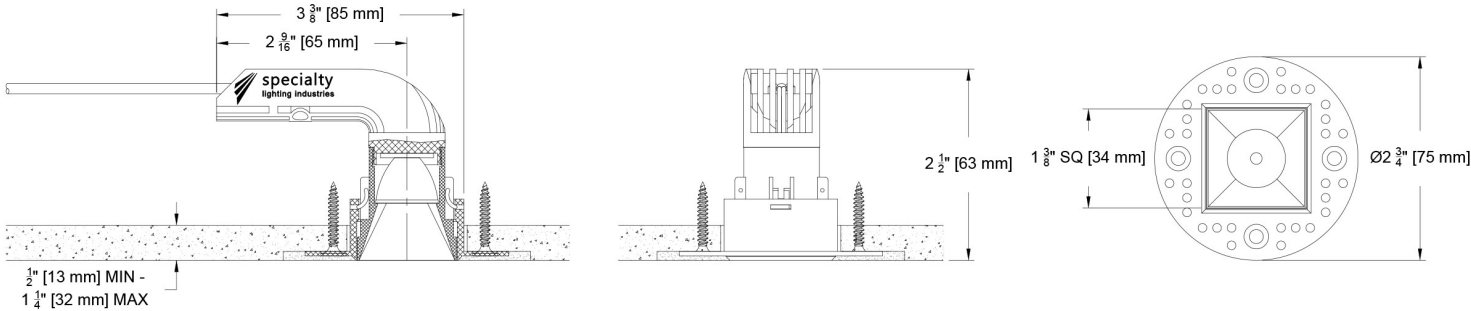
Ordering Code Example: CF1D-SF-DR-F-SG7-30-38-CFD/E1-1-W-W

| FIXTURE                             | APERTURE           | TRIM   | SOURCE / WATTS   | CCT   | BEAM   | DRIVER / CONTROL  | DRIVER QUANTITY  | BEZEL FINISH   | TRIM FINISH  | ACCESSORIES   |
|-------------------------------------|--------------------|--|--|---|--|---|--|--|--|---|
| CF1D-SF                             |                    |  |  |   |  |   |  |  |  |   |
| Confetti™ 1" Square Fixed Downlight | DR<br>Deep Regress | Z<br>Flangeless Trim*<br><br>F<br>Flanged Trim^<br><br>* Recommend that CFCBHS tool listed under Accessories be purchased for easy installation. Refer to Ceiling Cutouts and Dimensions for details. Trim finish does not apply to flangeless trims.<br><br>^ Must specify trim finish for flanged trim | SG7  <br>8W<br>549Lm*<br>90+CRI, 65+R9<br><br>  Supports CA Title 24 compliance to JA8 requirements<br><br>* Based on Deep Regress with 40° beams spread | 27<br>2700K<br><br>30<br>3000K<br><br>35<br>3500K | 20<br>Spot<br><br>32<br>Flood<br><br>40<br>Flood | EldoLED<br><br>CFD/E1<br>0-10*<br>0.1%, UNV (120-277V) log<br><br>CFD/E2<br>DALI-2*<br>0.1%, UNV (120-277V) log<br><br>CFD/E3<br>0-10*<br>0.1%, UNV (120-277V) linear<br><br>TR2<br>TruPhase™<br>0.1%, (100-277V) linear<br>Up to 20W<br>Forward and Reverse compatible Phase Dimming<br>Static White & Ambient Dim only<br><br>K<br>No driver required. (CFD box has been specified with another Confetti product)<br><br>* Remote driver only. Maximum 4 fixtures per driver. | #<br>Specify number of drivers<br><br><br>Must specify # of driver boxes based upon control requirements and 1-4 fixtures per driver.<br><br>See Electrical Configuration and Control section of cut sheets for details. | B<br>Black Paint<br><br><br>W<br>White<br> | B<br>Black Paint<br><br><br>W<br>White Paint<br><br><br>K<br>Blank for use with Flangeless | CFCBHS<br>Counter Bore Hole Saw for Flangeless Trims *<br><br>Controls<br><br>LR<br>Lutron Wireless RF PowPak ^<br><br>ATH<br>Lutron Athena Wireless Node ^<br><i>Must be used with E2 driver</i><br><br>CA<br>Casambi ^<br><i>Wireless BLE must be used with E2 driver.</i><br><br>* Recommended for proper installation of Flangeless Trims. Only one required per project.<br><br>^ Control is per driver. Note that Confetti fixtures can be installed with up to four fixtures per driver. |

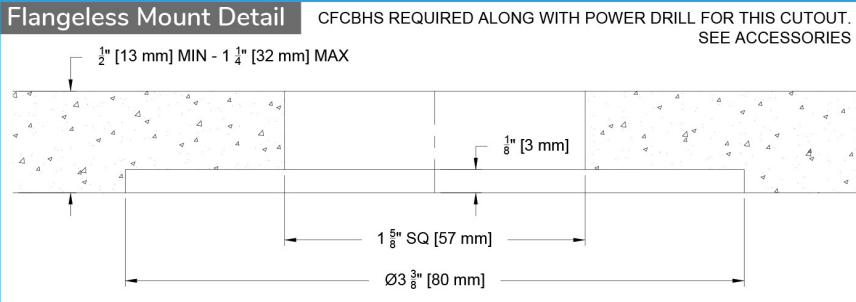
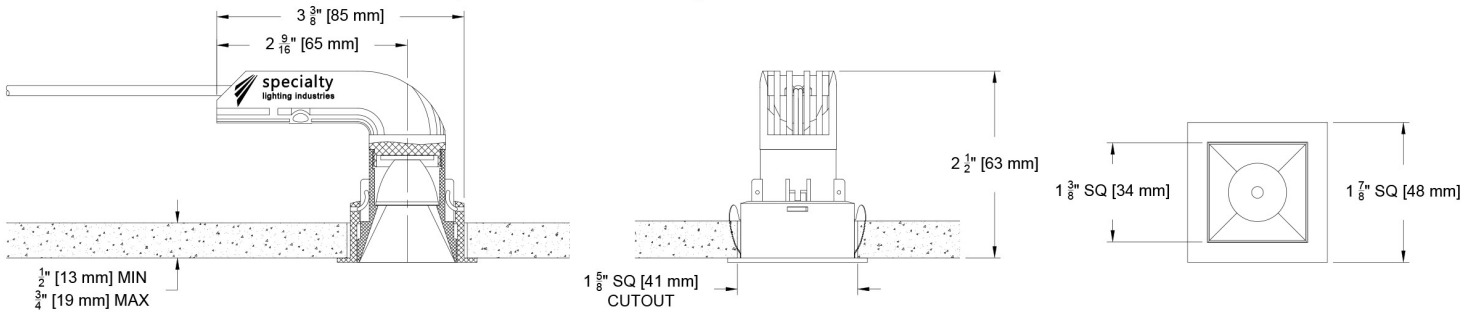
Ceiling Cutouts and Dimensions

Deep Regress Aperture

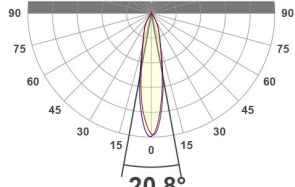
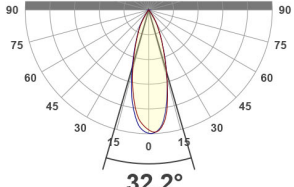
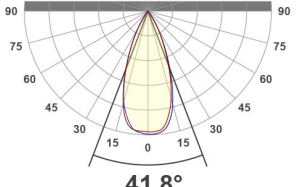
Square Flangeless Deep Regress (DR)  
(CF1D-SF-DR-Z-SG7)



Square Flanged Deep Regress (DR)  
(CF1D-SF-DR-F-SG7)



Photometric Table All data below are delivered lumens based on goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux.

| SQUARE Beamspreads |                |                  | 20°   |              |         |           | 32°  |              |         |           | 40°   |              |         |           |
|--------------------|----------------|------------------|---|--------------|---------|-----------|--|--------------|---------|-----------|---|--------------|---------|-----------|
| Source             |                | System watts (W) | Delivered Lumens (lm)   | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm)  | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm)   | Lumens/ Watt | Peak CD | 10% Field |
| Deep Regress       | SG7            | 8                | 537   | 67           | 2250    | 56°       | 528  | 66           | 1378    | 64°       | 549   | 69           | 1086    | 66°       |
|                    | CCT Multiplier |                  | Beam angle  |              |         |           | Beam angle   |              |         |           | Beam angle  |              |         |           |
|                    | CCT            | CITIZEN          |  |              |         |           |  |              |         |           |  |              |         |           |
|                    | 2700           | 0.95             |   |              |         |           |  |              |         |           |   |              |         |           |
|                    | 3000           | 1.00             |   |              |         |           |  |              |         |           |   |              |         |           |
|                    | 3500           | 1.02             |   |              |         |           |  |              |         |           |   |              |         |           |
|                    | 4000           | 1.03             |   |              |         |           |  |              |         |           |   |              |         |           |

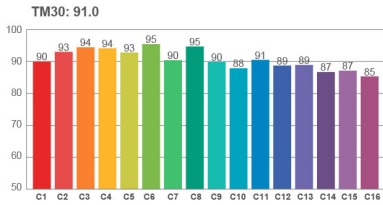
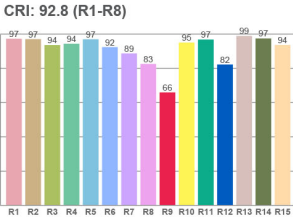
All measurements are delivered lumens based on 3000K unless otherwise noted below.  
Refer to photometry tab on product page for exact ISO cd plot and IES files.

Color Data

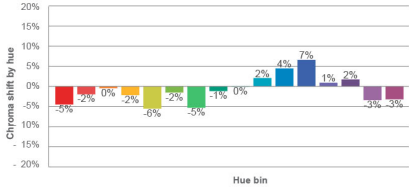
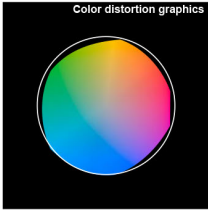
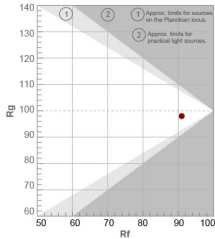
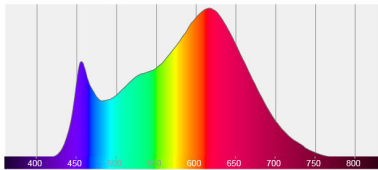
All Color information is based on goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer data range as listed on their datasheet.

Specialty Array - SG7

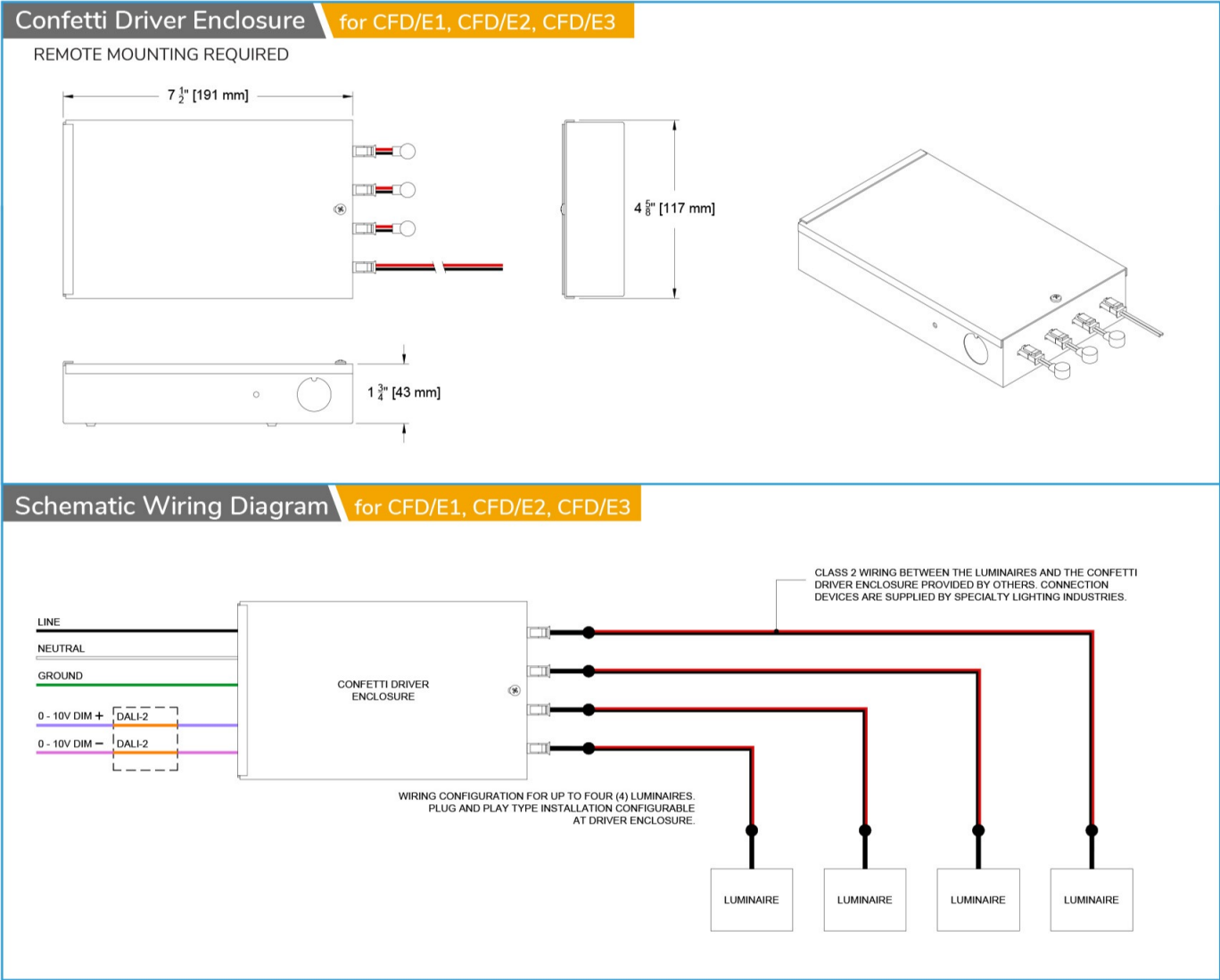
- <3 MacAdam Ellipse (<3 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1 and 16



Spectra



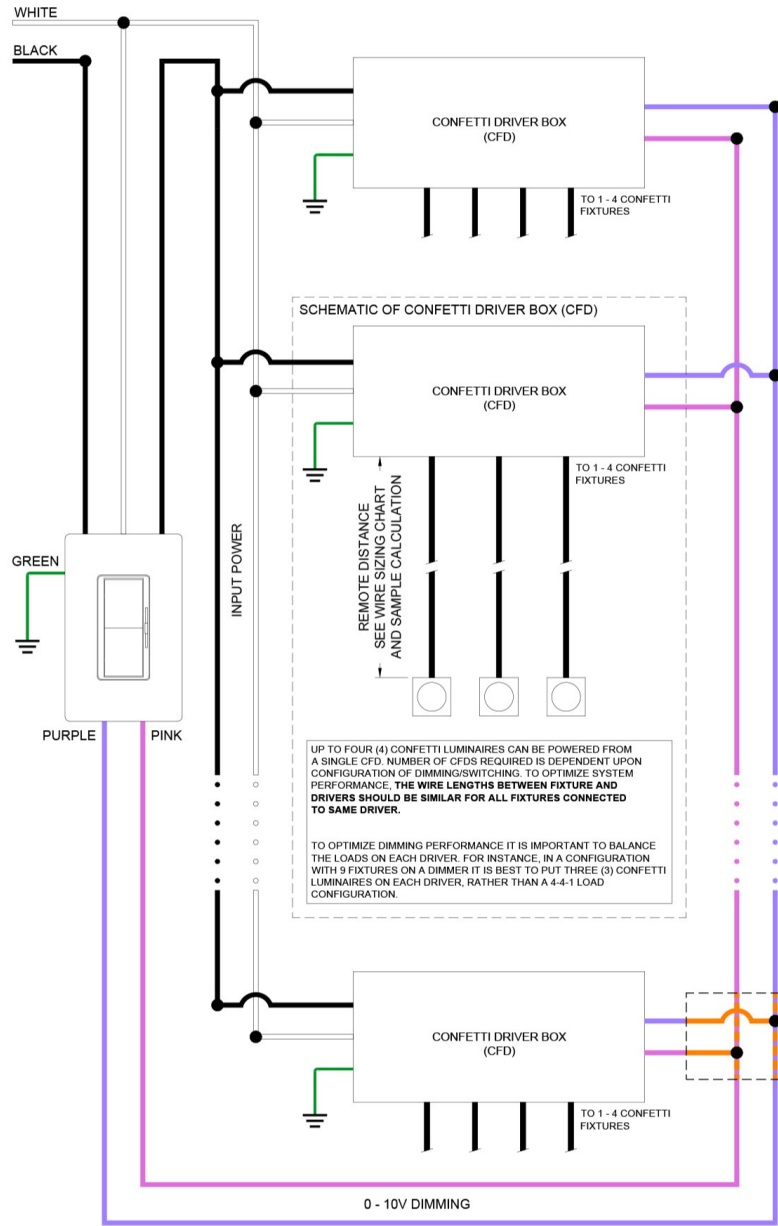
# Electrical Configuration and Control



Electrical Configuration and Control

System Wiring Diagram for  
Confetti Driver Enclosure

for CFD/E1, CDF/E2, CFD/E3



Remote Wire Sizing Chart  
CFD/E1, CFD/E2, CFD/E3 Drivers

| for All Point Sources |                                |
|-----------------------|--------------------------------|
| Max Remote Distance*  | Wire Size                      |
| 46 ft (14 m)          | AWG 20 (0.52 mm <sup>2</sup> ) |
| 72 ft (22 m)          | AWG 18 (0.82 mm <sup>2</sup> ) |
| 118 ft (36 m)         | AWG 16 (1.31 mm <sup>2</sup> ) |

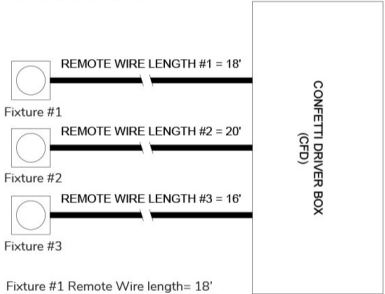
\* Max Remote Distance calculated by adding the sum of remote distances for all fixtures connected to driver, i.e. four (4) fixtures connected to a single driver, each 20 feet from driver, the remote distance is 80 feet.

For more information and dimmer compatibility refer to driver manufacturer's website:  
EldoLED (E2) Drivers - <https://eldoled.com/product/dualdrive>

EXAMPLE 3 Fixtures @ Various Length each

Calculate Max Remote Distance=  
Add the sum of all fixture lengths

1-4 Confetti Fixtures Max



Fixture #1 Remote Wire length= 18'  
Fixture #2 Remote Wire Length=20'  
Fixture #3 Remote Wire Length=16'  
Total Remote Distance = 54'

54' Requires AWG 18 wire because it is less than 72ft maximum distance listed for AWG18.

Note: For the CF1D-RP fixture add 5 feet to remote distance lengths to include the suspension length of the pendant wiring in voltage drop calculations.

FOR DALI-2 CONTROL WIRE FROM DRIVER ARE ORANGE



# Electrical Configuration and Control

