

# DUO 4

## ELEGANT 4 INCH UP AND DOWN LUMINAIRE

### Housing

Diameter : Ø4.8" | Height : 15.1" | Weight : 8.5 lbs

### Material

Housing: Extruded Aluminum

Lens: Clear polycarbonate

### Power Input

Downlight: 15W, 25W | 120-277V

Uplight: 15W, 25W | 120-277V

### Lumen Output

Downlight: 1,650 lm (15W), 2,150 lm (25W)

Uplight: 1,650 lm (15W), 2,150 lm (25W)

### Dimming

Superior 0-10V: Dims to 1%

DMX: High resolution dims to 0.1% (RJ45 only)

(Supports ANSI E1.20 RDM protocol)

### Color Quality

CRI 85+ | UGR ≤ 19

### Rated Life

> 60,000 Hours (L70)

### Finish



Black



White

### Color Temperature



ColorFlip™ Tunable White  
2700K ↔ 6500K

### Optics



60°  
UP/DOWN



Wide  
UP/DOWN

### Mounting



Power Line



Power Line  
Remote Power

### Warranty

5 Year limited warranty

### Listing

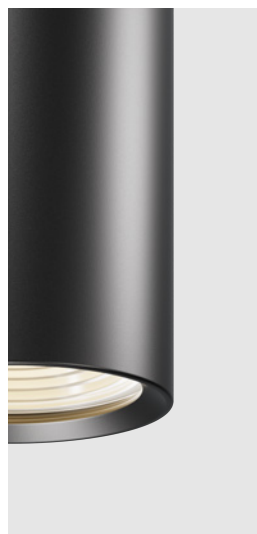


## SPECIFICATION SHEET TUNABLE WHITE

## Revolutionary Mounting System

Perfect for highlighting beautiful ceiling spaces, the embedded Powerline™ System offers a highly aesthetic fixture, with a less than 1-inch canopy option for that truly quiet ceiling design.

Available in a range of dimming capabilities including DMX, this added technology does not compromise the look and feel of the luminaire and is done through a hidden signal wire that can also offer separate uplight and downlight dimming controls.



## SPECIFICATION SHEET / TUNABLE WHITE

**DUO 4** ELEGANT 4 INCH  
UP AND DOWN LUMINAIRE**METEOR****SPECIFICATION**

PROJECT NAME

DATE

CATALOG #

QUANTITY

|             |            |   |   |
|-------------|------------|---|---|
| <b>DUO4</b> | MODEL      | <b>DUO 4</b>  |   |
|             | WATTAGE    | <b>30</b> Downlight: 15W<br>Uplight: 15W  | <b>50</b> Downlight: 25W<br>Uplight: 25W  |
| <b>TNW</b>  | CCT / CRI  | <b>TNW</b> 2700K – 6500K  |   |
| <b>UNV</b>  | VOLTAGE    | <b>UNV</b> 120 – 277V   |   |
|             | DIMMING    | <i>With Signal Wire</i><br><b>SPVS</b> Superior 0-10V dims to 1%<br>Single (Up/Down Together) | <b>DMXRS<sup>1</sup></b> DMX dims to 0.1% Single<br>(Up/Down Together)                                |
|             | BEAM ANGLE | <i>Downlight</i><br><b>60</b> 60°   | <b>WD<sup>2</sup></b> Wide  |
|             |            | <i>Uplight</i><br><b>60</b> 60°   | <b>WD<sup>2</sup></b> Wide  |
|             | FINISH     | <b>BLK</b> Black  | <b>WHT</b> White  |
|             | MOUNTING   | <b>PL2 ( 2 / 4 / 6 / 8 / 10 )</b><br>Power Line Mount (2, 4, 6, 8,<br>and 10 ft.)             | <b>PL2RM ( 2 / 4 / 6 / 8 / 10 )</b><br>Power Line Mount with Remote<br>Power (2, 4, 6, 8, and 10 ft.) |

<sup>1</sup> Option only applies to RJ45 Sockets<sup>2</sup> Please factor in change in lumen output with WD -20%

**TECHNICAL DETAILS****Electrical**

- Downlight: 1,650 lm (15W), 2,150 lm (25W)
- Uplight: 1,650 lm (15W), 2,150 lm (25W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: Built-in is 2.5KV
- Power Factor Greater than 0.9

**LED Features**

- ColorFlip™ Tunable White 2700K ↔ 6500K
- CRI 85+
- UGR ≤ 19
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

**Optics**

- Precision molded high transmittance clear lenses
- Beam Angle Down: 60°, WD
- Beam Angle Up: 60°, WD

**Advanced Dimming**

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting

**With Signal Wire**

- Superior 0-10V: dims to 1%
- DMX: high resolution dims to 0.1% (RJ45 only)  
(Supports ANSI E1.20 RDM protocol)

Note: ONLY Single Dimming (Controls Up/Down Together)

**Housing**

- Diameter: Ø4.8"
- Height: 15.1"
- Material: Extruded Aluminum
- Weight: 8.5 lbs
- Canopy Height: 2.95"

**Mounting**

- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with High Lumen Power Suspension (Canopy Height: 2.95")
- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with High Lumen Power Suspension and Remote Power (Canopy Height: 0.84")

**Warranty**

- 5-year limited warranty

**Listing**

- ETL Damp Location Listed

**PERFORMANCE SUMMARY\***

| ColorFlip™                   | 2700K     | 3000K     | 3500K     | 4000K     | 4500K     | 5000K     | 5700K     | 6500K     |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>DMX</b><br>CCT SIGNAL (%) | 0%        | 10%       | 25%       | 45%       | 60%       | 70%       | 85%       | 100%      |
| <b>0-10V</b><br>CCT VOLTAGE  | 0         | 1         | 2.5       | 4.5       | 6         | 7         | 8.5       | 10        |
| <b>30W</b><br>UP (15W)       | 1,490lm   | 1,530lm   | 1,570lm   | 1,610lm   | 1,645lm   | 1,650lm   | 1,650lm   | 1,650lm   |
| <b>30W</b><br>DOWN (15W)     | 1,490lm   | 1,530lm   | 1,570lm   | 1,610lm   | 1,645lm   | 1,650lm   | 1,650lm   | 1,650lm   |
| <b>50W</b><br>UP (25W)       | 1,930lm   | 1,985lm   | 2,040lm   | 2,095lm   | 2,150lm   | 2,145lm   | 2,135lm   | 2,130lm   |
| <b>50W</b><br>DOWN (25W)     | 1,930lm   | 1,985lm   | 2,040lm   | 2,095lm   | 2,150lm   | 2,145lm   | 2,135lm   | 2,130lm   |
| <b>CRI</b>                   | <b>85</b> | <b>86</b> | <b>87</b> | <b>88</b> | <b>89</b> | <b>88</b> | <b>87</b> | <b>86</b> |

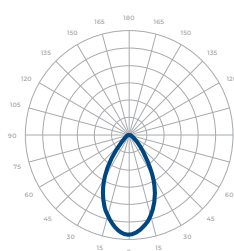
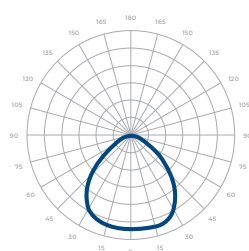
\*Lumen Multiplier 40° 60° baseline 0.82

**PERFORMANCE SUMMARY**

| Current Consumption |       |       |
|---------------------|-------|-------|
| WATTAGE / VOLT      | 120V  | 277V  |
| 30W                 | 0.28A | 0.12A |
| 50W                 | 0.46A | 0.20A |

**PHOTOMETRICS**

Below is a typical photometric representation of the Duo 4 fixture. Please download IES files to ensure exact photometric value.

**60°****WIDE****DMX REQUIREMENTS**

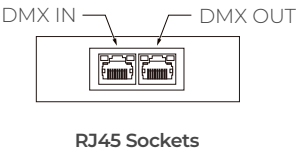
The Duo 4 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

| DMX Address |                           |                         |
|-------------|---------------------------|-------------------------|
| Fixture     | Intensity Control (ex. X) | Color Control (ex. X+1) |
| #1          | 1                         | 2                       |
| #2          | 3                         | 4                       |
| #3          | 5                         | 6                       |

DMX REQUIREMENTS

The fixture can be connected with RJ45 sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

| CONNECTION | RJ45 (CAT5e)                      |
|------------|-----------------------------------|
| Common     | WHITE/BROWN(PIN7) & BROWN (PIN 8) |
| Signal -   | ORANGE (PIN 2)                    |
| Signal +   | WHITE/ORANGE (PIN 1)              |
| Spare      | -                                 |
| Spare      | -                                 |

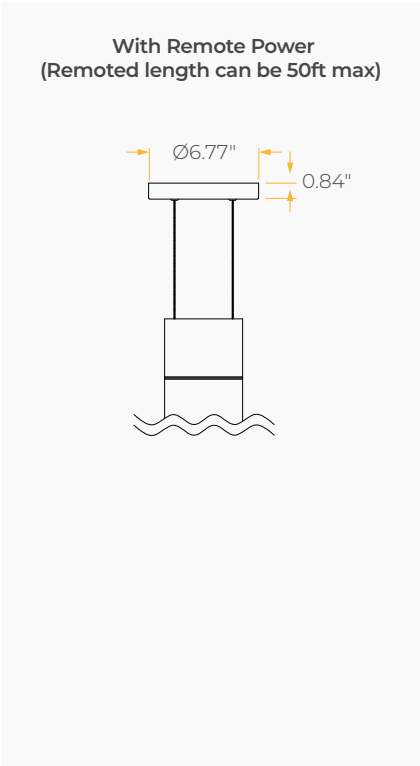
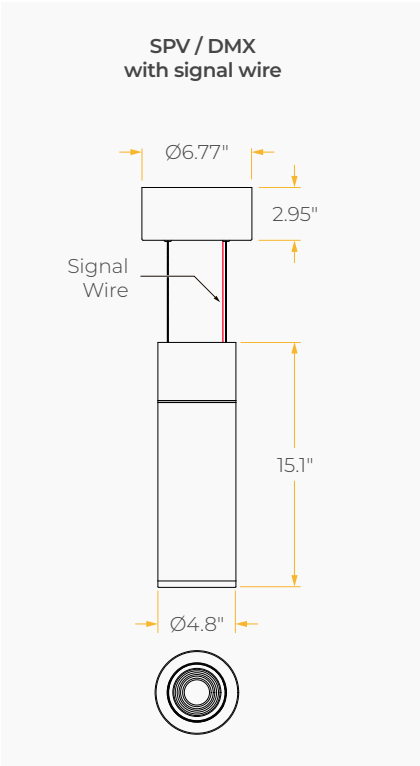


COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

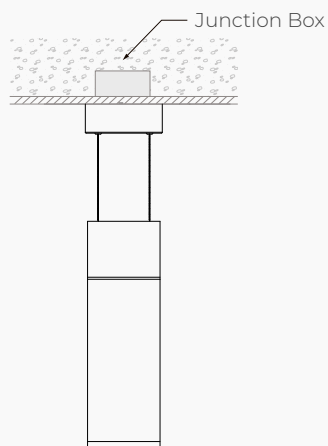
DIMENSIONS



## MOUNTING OPTIONS\*

\*Junction Box not included

**Power Line Mount with  
High Lumen Power Suspension**



**Power Line Mount with High Lumen  
Power Suspension and Remote Power**

