

# DUO 6 - Standard



## Elegant Up and Downlight Luminaire

6-inch direct/indirect luminaire performing up to 8,810 lumens combined. This luminaire has clean aesthetics and no visible power cord. A revolutionary and intuitive design making it a decorative element that adds a touch of class.

| Quantity | Type |
|----------|------|
| Project  | Note |

### Electrical System

- 2800 lm (30W) Uplight: 15W / Downlight: 15W
- 4670 lm (50W) Uplight: 25W / Downlight: 25W
- 7005 lm (75W) Uplight: 25W / Downlight: 50W
- 8810 lm (95W) Uplight: 25W / Downlight: 70W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: 2.5KV
- Power Factor Greater than 0.9

### LED Technology

- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle:
  - Down: 40°, 60°, WD
  - Up: 40°, 60°, WD
- UGR ≤19
- Rated Life > 60,000 Hours (L70)

### Housing

- Diameter: 6.37" (162mm)
- Height: 20" (508.5mm)
- Material: Aluminum
- Weight: 15.2 lbs
- Canopy Height: 2.95"

### Mounting

- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft (Canopy Height: 2.95")
- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with Remote Power (Canopy Height: 0.84")
- Remote Emergency Pack

### Warranty

5-year limited warranty

### Listing

- ETL Listed

### Advanced Dimming

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

#### Without Signal Wire

- Non-Dimming
- **30W / 50W only:**
  - LTE: Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
  - LDE1: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (UNV only)

#### With Signal Wire

- Superior 0-10V: dims to 1%
  - Single Dimming (Controls Up/Down Together)
  - Dual Dimming (Controls Up/Down Separately)
- DMX: high resolution dims to 0.1% (RJ45 only) (Supports ANSI E1.20 RDM protocol)
  - Single Dimming (Controls Up/Down Together)
  - Dual Dimming (Controls Up/Down Separately)



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## How to Specify:

Ordering Example: DUO6-50-408-U-DMXRD-6040-B-PL6



4-5 weeks lead time on over 75% of specifications.

| Model | Wattage   |                             | CCT / CRI  |               | Voltage           | Dimming   |
|-------|-----------|-----------------------------|------------|---------------|-------------------|---|
| DUO6  |           |                             |            |               | UNV               |   |
| DUO6  | <b>30</b> | Downlight: 15W Uplight: 15W | <b>278</b> | 2700K / CRI85 | <b>U</b> 120-277V | <b>Without Signal Wire</b>  |
|       | <b>50</b> | Downlight: 25W Uplight: 25W | <b>308</b> | 3000K / CRI85 |                   | <b>NOD</b> Non-Dimming  |
|       | <b>75</b> | Downlight: 50W Uplight: 25W | <b>358</b> | 3500K / CRI85 |                   | <b>LTE<sup>1</sup></b> Hi-Lume 1% 2-wire LED Driver<br>(120V forward phase only)                  |
|       | <b>95</b> | Downlight: 70W Uplight: 25W | <b>408</b> | 4000K / CRI85 |                   | <b>LDE1<sup>1</sup></b> Hi-Lume 1% EcoSystem LED Driver<br>with Soft-on, Fade-to-Black (UNV only) |
|       |           |                             | <b>279</b> | 2700K / CRI93 |                   | <b>With Signal Wire</b>   |
|       |           |                             | <b>309</b> | 3000K / CRI93 |                   | <b>SPVS</b> Superior 0-10V dims to 1% Single<br>(Up/Down Together)                                |
|       |           |                             | <b>359</b> | 3500K / CRI93 |                   | <b>SPVD</b> Superior 0-10V dims to 1% Dual<br>(Up/Down Separately)                                |
|       |           |                             |            |               |                   | <b>DMXRS<sup>2</sup></b> DMX dims to 0.1% Single<br>(Up/Down Together)                            |
|       |           |                             |            |               |                   | <b>DMXRD<sup>2</sup></b> DMX dims to 0.1% Dual<br>(Up/Down Separately)                            |
|       |           |                             |            |               |                   | <sup>1</sup> Option is only compatible with 30W/50W   |
|       |           |                             |            |               |                   | <sup>2</sup> Option only applies to RJ45 Sockets.   |

## Beam Angle

## Finish

## Mounting

| Downlight   |      | Uplight               |      | Finish  |   | Mounting                              |                               |
|---|------|-----------------------|------|---|---|---------------------------------------|-------------------------------|
| <b>40</b>   | 40°  | <b>40</b>             | 40°  | <b>B</b>  | Black   | <b>PL2</b> (2 or 4 or 6 or 8 or 10)   | Power Line Mount              |
| <b>60</b>   | 60°  | <b>60</b>             | 60°  | <b>W</b>  | White   | <b>PL2RM</b> (2 or 4 or 6 or 8 or 10) | Power Line Mount Remote Power |
| <b>WD<sup>1</sup></b>   | WIDE | <b>WD<sup>1</sup></b> | WIDE |   |   | <b>EMP</b>                            | Remote Emergency Pack         |
| <sup>1</sup> Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees). |      |                       |      | <br><b>B</b> | <br><b>W</b> |                                       |                               |

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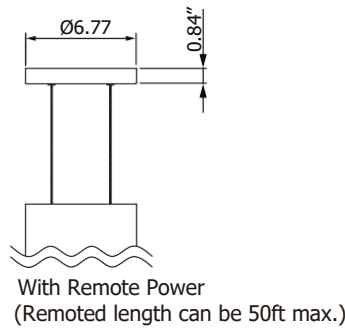
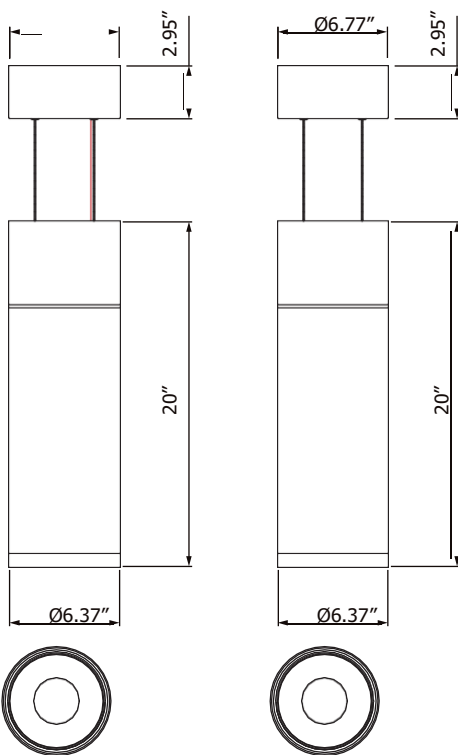


## Delivered Lumens\*

| Wattage \ CCT | 30W      |            | 50W      |            | 75W      |            | 95W      |            |
|---------------|----------|------------|----------|------------|----------|------------|----------|------------|
|               | UP (15W) | DOWN (15W) | UP (25W) | DOWN (25W) | UP (25W) | DOWN (50W) | UP (25W) | DOWN (70W) |
| 4000K         | 1400 lm  | 1400 lm    | 2335 lm  | 2335 lm    | 2335 lm  | 4670 lm    | 2335 lm  | 6475 lm    |
| 3500K         | 1380 lm  | 1380 lm    | 2305 lm  | 2305 lm    | 2305 lm  | 4610 lm    | 2305 lm  | 6390 lm    |
| 3000K         | 1345 lm  | 1345 lm    | 2245 lm  | 2245 lm    | 2245 lm  | 4495 lm    | 2245 lm  | 6230 lm    |
| 2700K         | 1240 lm  | 1240 lm    | 2070 lm  | 2070 lm    | 2070 lm  | 4145 lm    | 2070 lm  | 5745 lm    |

\*Tolerance ± 8%

## Dimensions



SPV / DMX  
with signal wire.

NON / TRC / ECO  
without signal wire.

## DMX Requirements\*

Each DUO 6 DMX unit has TWO CHANNEL per fixture (1 to control uplight, 1 to control downlight). Fixture will be controlled by DMX number controlling intensity. We do not recommend more than 32 fixtures per DMX daisy chain. When placing order, please indicate DMX address (refer to DMX Address example below). DMX address will be listed on the back of each fixture.

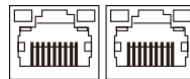
| Fixture | DMX Address     |                     |
|---------|-----------------|---------------------|
|         | Uplight (ex. X) | Downlight (ex. X+1) |
| #1      | 1               | 2                   |
| #2      | 3               | 4                   |
| #3      | 5               | 6                   |

The LED fixture provide RJ45 Socket to connect. (DMX cable NOT included.)

The final fixture should be terminated by the use of DMX Terminator (by others).

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

RJ45 Sockets



DMX IN DMX OUT

## 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 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.

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## Mounting Options

