

ADVANCED HIGH CEILING

DUO 4 - RGB Uplight



Elegant Up and Downlight Luminaire

With a unique High Lumen Power Suspension System, the Duo series is an elegant, cable-free and aesthetic up and downlight solution.

With a seamless connector and hidden signal wire, this luminaire seamlessly blends into your environment and space.

Duo gives you perfect optics with intuitive design making it a decorative element that adds a touch of class.

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

Electrical System

- Uplight: 1040 lm / 25W (RGB)
- Downlight: 2205 lm / 25W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: 2.5KV
- Power Factor Greater than 0.9

Housing

- Diameter: 4.8" (122mm)
- Height: 15.1" (383mm)
- Material: Aluminum
- Weight: 8.5 lbs
- Canopy Height: 2.95"

LED Technology

- Uplight: Wavelength R 645 nm, G 520 nm, B 445 nm
- Downlight: 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle:
- Down: 15°, 25°, 35°, 60°, WD
- Up: 60°, WD
- UGR ≤19
- Rated Life > 60,000 Hours (L70)

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")
- Remote Emergency Pack

Warranty

- 5 year limited warranty

Advanced Dimming

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

With Signal Wire

- DMX: high resolution dims to 0.1% (RJ45 only)
- (Supports ANSI E1.20 RDM protocol)
- Dual Dimming (Controls Up/Down Separately)

Listing

- ETL Listed





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How to Specify:

Ordering Example: **DUO4-50-408RGB-U-DMXRD-6060-B-PL6**

| Wattage | | CCT / CRI | | Voltage | | Dimming | |
|---------|---------------------------------------|--|--|-------------------|--|--|--|
| DUO4 | | | | UNV | | DMXRD | |
| DOU4 | 50 Downlight: 25W Uplight: 25W | 278 2700K / CRI85 308 3000K / CRI85 358 3500K / CRI85 408 4000K / CRI85 RGB | | U 120-277V | | With Signal Wire DMXRD¹ DMX dims to 0.1% Dual (Up/Down Separately) | |
| | | | | | | ¹ Option only applies to RJ45 Sockets. | |

| Beam Angle | | Finish | | Mounting | |
|---|---|--|--|--|---|
| Downlight | Uplight | B Black W White | | PL2 (2 or 4 or 6 or 8 or 10) PL2RM (2 or 4 or 6 or 8 or 10) | Power Line Mount Power Line Mount Remote Power |
| 15 15° 25 25° 35 35° 60 60° WD¹ WIDE | 60 60° WD¹ WIDE |  B  W | | | |
| ¹ Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees). | | | | | |

Delivered Lumens*

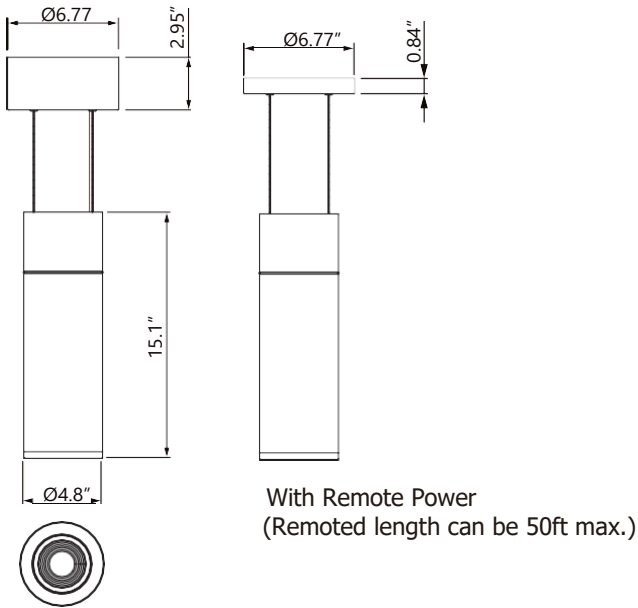
| Uplight | Color | R | | G | | B | |
|-----------|---------|---------|---------|---------|---------|-------|--|
| | Wattage | 124 lm | | 821 lm | | 98 lm | |
| Downlight | CCT | 2700K | 3000K | 3500K | 4000K | | |
| | Wattage | 1900 lm | 2060 lm | 2180 lm | 2205 lm | | |

*Tolerance±8%

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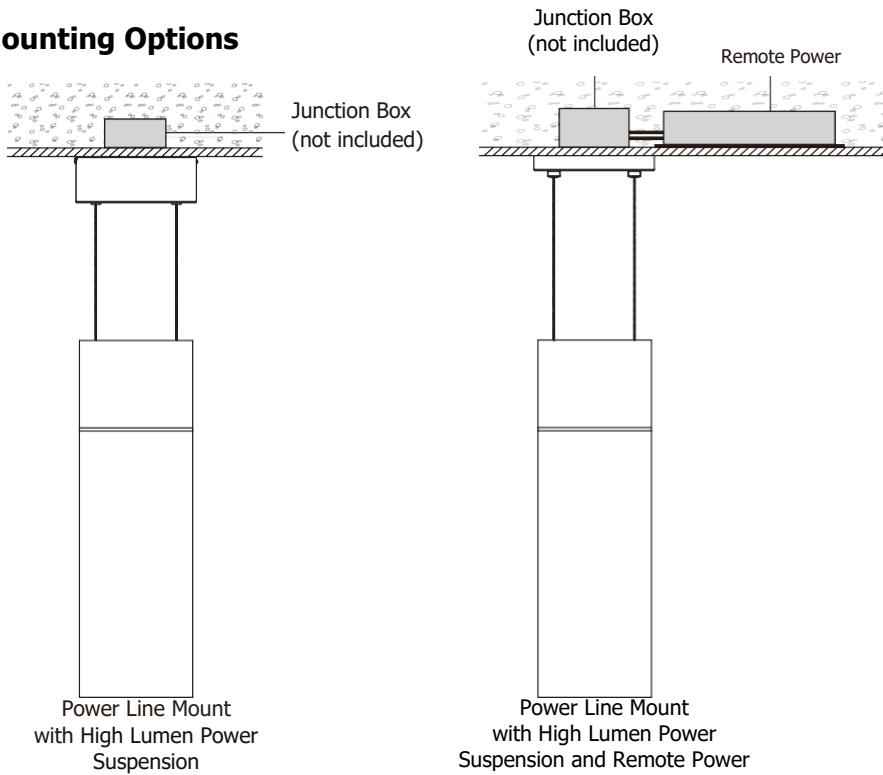
Dimensions



With Remote Power
(Remoted length can be 50ft max.)

DMX
with signal wire.

Mounting Options



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DMX Requirements*

The DUO 4W+RGB fixture with DMX is a **FOUR CHANNEL DMX unit**. When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.) 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).

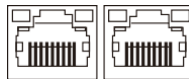
| Fixture | DMX Address | | | |
|---------|---------------------|-------------------------|------------------------|-------------------------|
| | Uplight | | | Downlight |
| | Red Control (ex. X) | Green Control (ex. X+1) | Blue Control (ex. X+2) | White Control (ex. X+3) |
| #1 | 1 | 2 | 3 | 4 |
| #2 | 5 | 6 | 7 | 8 |
| #3 | 9 | 10 | 11 | 12 |

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| 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.