

ADVANCED HIGH CEILING

# DUO 6 - 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 |
|----------|------|
| Projec   | Note |

### Electrical System

- Uplight: 1040 lm / 25W (RGB)
- Downlight: 2205 lm / 25W  
4305 lm / 50W  
6075 lm / 70W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: 2.5KV
- Power Factor Greater than 0.9

### 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: 60°, WD
- Up: 60°, WD
- UGR ≤19
- Rated Life > 60,000 Hours (L70)

### 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)

### 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 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

### Listing

- ETL Listed





# DUO 6 - RGB Uplight



## How to Specify:

Ordering Example: **DUO6-50-408RGB-U-DMXRD-6060-B-PL6**

| Model | Wattage   | CCT / CRI  | Voltage           | Dimming   |
|-------|---|--|-------------------|---|
| DUO6  |   |  | UNV               |   |
| DUO6  | <b>50</b> Downlight: 25W Uplight: 25W<br><b>75</b> Downlight: 50W Uplight: 25W<br><b>95</b> Downlight: 70W Uplight: 25W | <b>278</b> 2700K / CRI85<br><b>308</b> 3000K / CRI85<br><b>358</b> 3500K / CRI85<br><b>408</b> 4000K / CRI85<br><b>RGB</b> | <b>U</b> 120-277V | <b>With Signal Wire</b><br><b>DMXRD<sup>1</sup></b> DMX dims to 0.1% Dual (Up/Down Separately)<br><br><sup>1</sup> Option only applies to RJ45 Sockets. |

| Beam Angle   |                            |          |       | Finish   |                               | Mounting |  |
|--|----------------------------|----------|-------|--|-------------------------------|----------|--|
| <b>Downlight</b>   | <b>Uplight</b>             | <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 |          |       |  |                               |          |  |
| <sup>1</sup> Please factor in change in lumen output with diuuser (-20% with WD; -12% with other degrees). |                            |          |       |  <br>B W |                               |          |  |

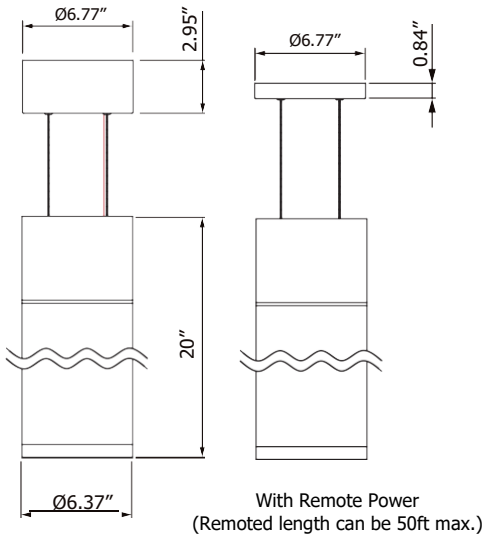
## Delivered Lumens\*

| 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 |       |  |
|           | 25W     |  | 3720 lm | 3980 lm | 4210 lm | 4305 lm |       |  |
|           | 50W     |  | 5745 lm | 6230 lm | 6390 lm | 6475 lm |       |  |
| 70W       |         |  |         |         |         |         |       |  |

\*Tolerance±8%

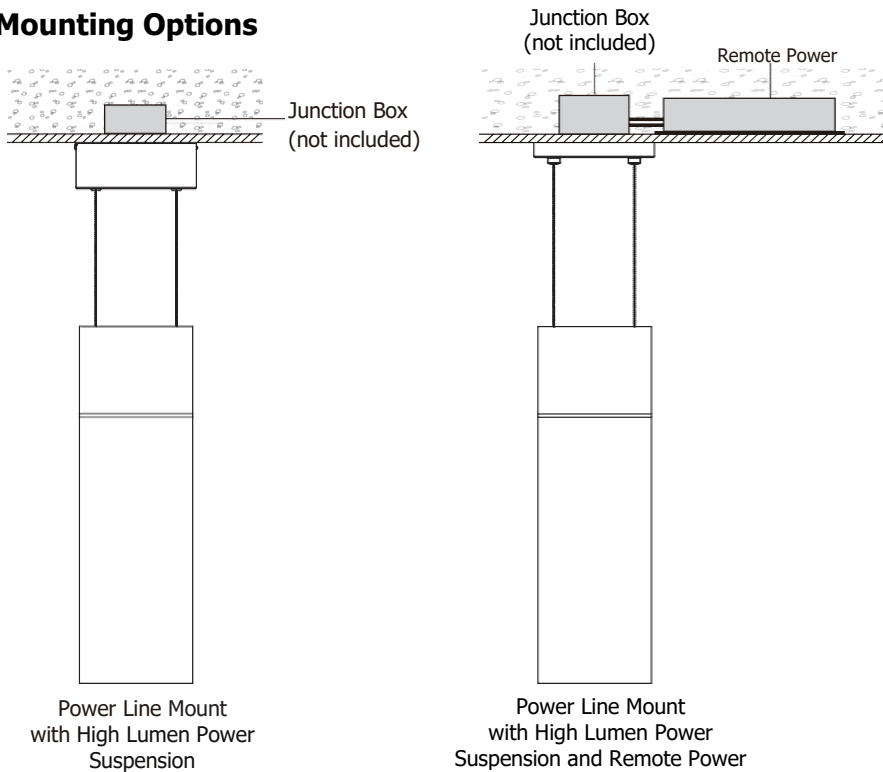
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## Dimensions



SPV / DMX  
with signal wire.

## Mounting Options



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## DMX Requirements\*

The DUO 6W+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).

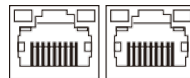
| Fixture | DMX Address         |                         |                        |                         |
|---------|---------------------|-------------------------|------------------------|-------------------------|
|         | Uplight             |                         |                        | 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