

# 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
Project	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



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## How To Specify:

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

Model	Wattage	CCT / CRI	Voltage	Dimming
<input type="text" value="DUO6"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
DUO6	50 Downlight: 25W Uplight: 25W	278 2700K / CRI85	U 120-277V	With Signal Wire
Duo 6	75 Downlight: 50W Uplight: 25W	308 3000K / CRI85		DMXRD <sup>1</sup> DMX dims to 0.1% Dual (Up/Down Separately)
	95 Downlight: 70W Uplight: 25W	358 3500K / CRI85		
		408 4000K / CRI85		
		----- RGB		

<sup>1</sup> Option only applies to RJ45 Sockets.

## Beam Angle

Downlight:

60 60°  
WD<sup>1</sup> WIDE

Uplight:

60 60°  
WD<sup>1</sup> WIDE

## Finish

B Black  
W White



## Mounting

PL2 (2 or 4 or 6 or 8 or 10) Power Line Mount  
PL2RM (2 or 4 or 6 or 8 or 10) Power Line Mount Remote Power

<sup>1</sup> Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

## Delivered Lumens\*

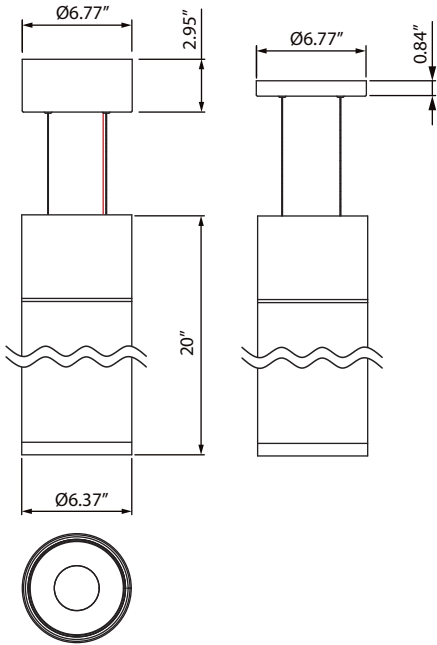
Uplight	Color	R		G		B	
	Wattage	124 lm		821 lm		98 lm	
Downlight	CCT	2700K	3000K	3500K	4000K		
	Wattage	25W	50W	70W		1900 lm	2205 lm
			3720 lm	6230 lm	2180 lm	4210 lm	4305 lm
			5745 lm	6390 lm	6390 lm	6475 lm	6475 lm

\*Tolerance: 8%

# DUO 6 - RGB Uplight



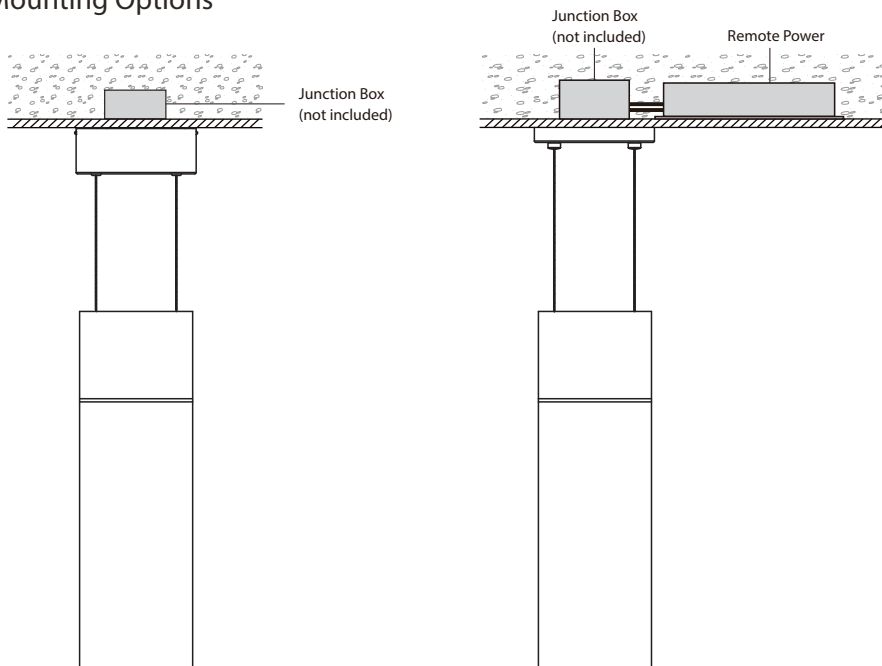
## Dimensions



DMX  
with signal wire.

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

## Mounting Options



Power Line Mount  
with High Lumen Power Suspension

Power Line Mount  
with High Lumen Power Suspension  
and Remote Power

# DUO 6 - RGB Uplight



## 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

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	-

