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

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)

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:4.8" (122mm)
- Height: 15.1" (383mm)
- Material: 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 Listed

Intertek

*METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.

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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	**U**	120-277V	**With Signal Wire**	
				308	3000K / CRI85			**DMXRD¹** DMX dims to 0.1% Dual	
				358	3500K / CRI85			(Up/Down Separately)	
				408	4000K / CRI85				
				RGB				¹ Option only applies to RJ45 Sockets.	

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

Delivered Lumens*

Uplight	Color / Wattage	R	G	B
	25W	124 lm	821 lm	98 lm

Downlight	CCT / Wattage	2700K	3000K	3500K	4000K
	25W	1900 lm	2060 lm	2180 lm	2205 lm

*Tolerance±8%

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Dimensions

Ø6.77"

2.95"

Ø6.77"

0.84"

15.1"

Ø4.8"

DMX
with signal wire.
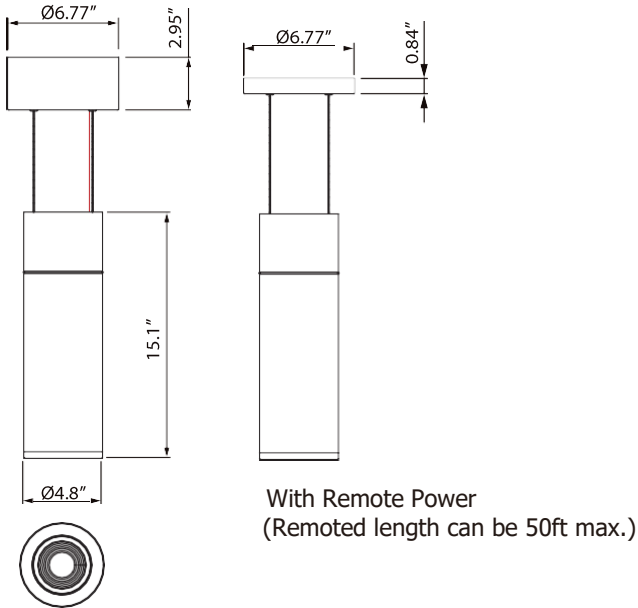
With Remote Power
(Remoted length can be 50ft max.)

Mounting Options

Junction Box
(not included)

Junction Box
(not included)

Remote Power

Power Line Mount
with High Lumen Power
Suspension

Power Line Mount
with High Lumen Power
Suspension and Remote Power

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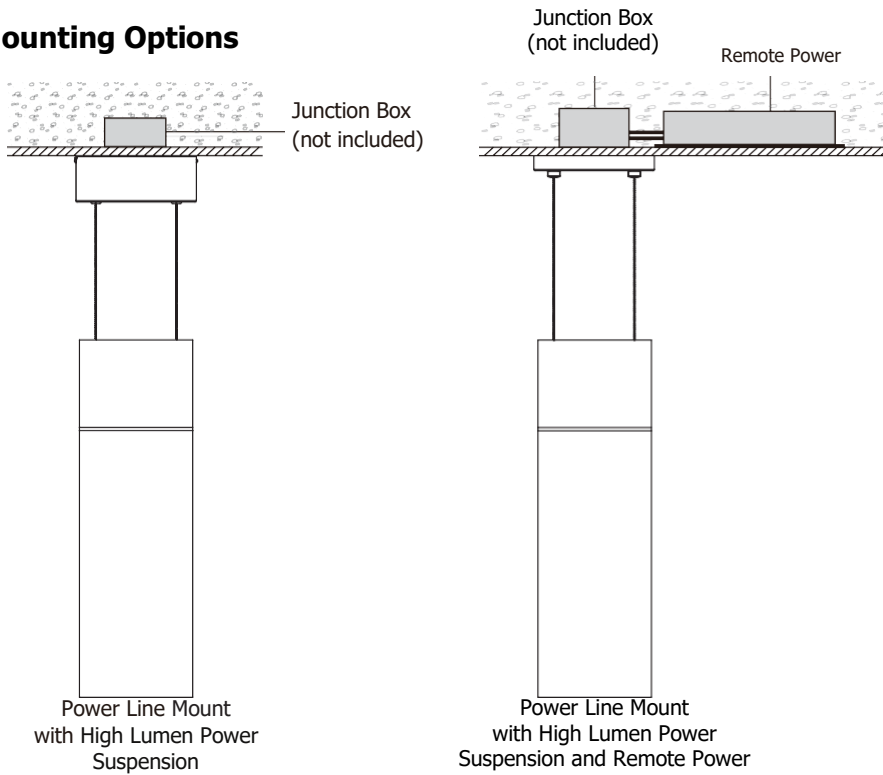
DMX Requirements*

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

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
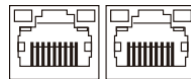
DMX IN   DMX OUT

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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