ADVANCED HIGH CEILING

DUO 4 - Tunable White Version (ColorFlip™)

METEOR

Elegant Up and Downlight Luminaire
- ColorFlip™

Meteor Lighting's proprietary ColorFlipTM Tunable White solution, that results in superior efficacy and heat management. This product is compatible with all existing 0-10V and DMX control systems. Bringing human centric lighting to your spaces.

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

- Standard
(Please refer to Standard Version spec sheet)

Quantity		Type	
Project		Note	

Delivered Lumens*

ColorFlip™	2700K	3000K	3500K	4000K	4500K	5000K	5700K	6500K	*Lumen Multiplier
DMX CCT Signal (%)	0%	10%	25%	45%	60%	70%	85%	100%	40° 60° baseline 0.82
0-10V CCT Voltage	0	1	2.5	4.5	6	7	8.5	10	
50W Up: 25W	1930 lm	1985 lm	2040 lm	2095 lm	2150 lm	2144 lm	2136 lm	2130 lm	
50W Down: 25W	1930 lm	1985 lm	2040 lm	2095 lm	2150 lm	2144 lm	2136 lm	2130 lm	
30W Up: 15W	1490 lm	1528 lm	1567 lm	1607 lm	1645 lm	1647 lm	1648 lm	1650 lm	
30W Down: 15W	1490 lm	1528 lm	1567 lm	1607 lm	1645 lm	1647 lm	1648 lm	1650 lm	
CRI	85	86	87	88	89	88	87	86	

Electrical System
- 30W, 50W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Power Factor Greater than 0.9

LED Technology
- ColorFlip™ (Tuning White: 2700K ←→ 6500K)
- 85+ CRI
- Beam Angle:
  Down: 35°, 60°, WD
  Up: 35°, 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
- Superior 0-10V: dims to 1%
- DMX: high resolution dims to 0.1% (RJ45 only)
       (Supports ANSI E1.20 RDM protocol)
  Note: ONLY Single Dimming (Controls Up/Down Together)

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

ETL Listed c us
Intertek

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*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-TNW-U-DMXRS-6035-B-PL6

Model	Wattage			CCT / CRI		Voltage		Dimming	
DUO4						UNV			
DOU4	**30**	Downlight: 15W	Uplight: 15W	**TNW**	2700K-6500K	**U**	120-277V	**With Signal Wire**	
	50	Downlight: 25W	Uplight: 25W					**SPVS**	Superior 0-10V dims to 1% Single (Up/Down Together)
								DMXRS[1]	DMX dims to 0.1% Single (Up/Down Together)
								[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
35	35º	**35**	35º	**W**	White	**PL2RM** (2 or 4 or 6 or 8 or 10)	Power Line Mount Remote Power
60	60º	**60**	60º				
WD[1]	WIDE	**WD**[1]	WIDE				
[1] Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).							

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Dimensions

Ø6.77
2.95"

15.1"

Ø4.8"

Ø6.77"
0.84"

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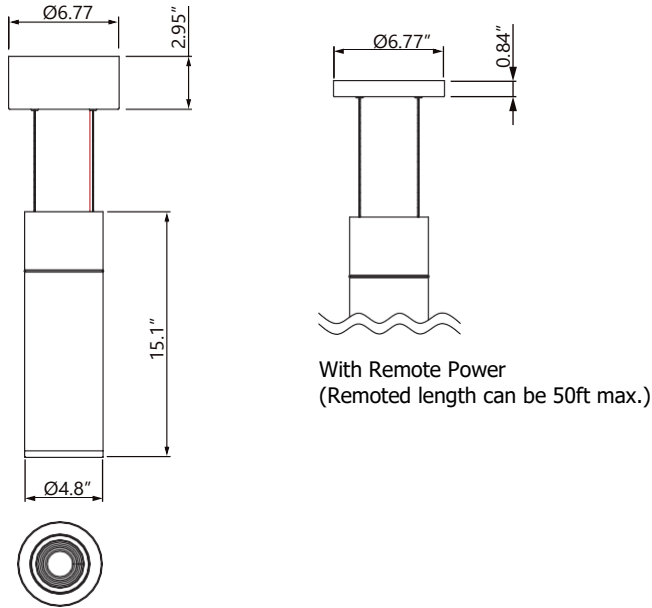
SPV / DMX
with signal wire.

DMX Requirements*

Each DUO4 DMX unit has TWO CHANNELS per fixture (1 to control intensity, 1 to control color). 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	
	Intensity Control (ex. X)	Color Control (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)
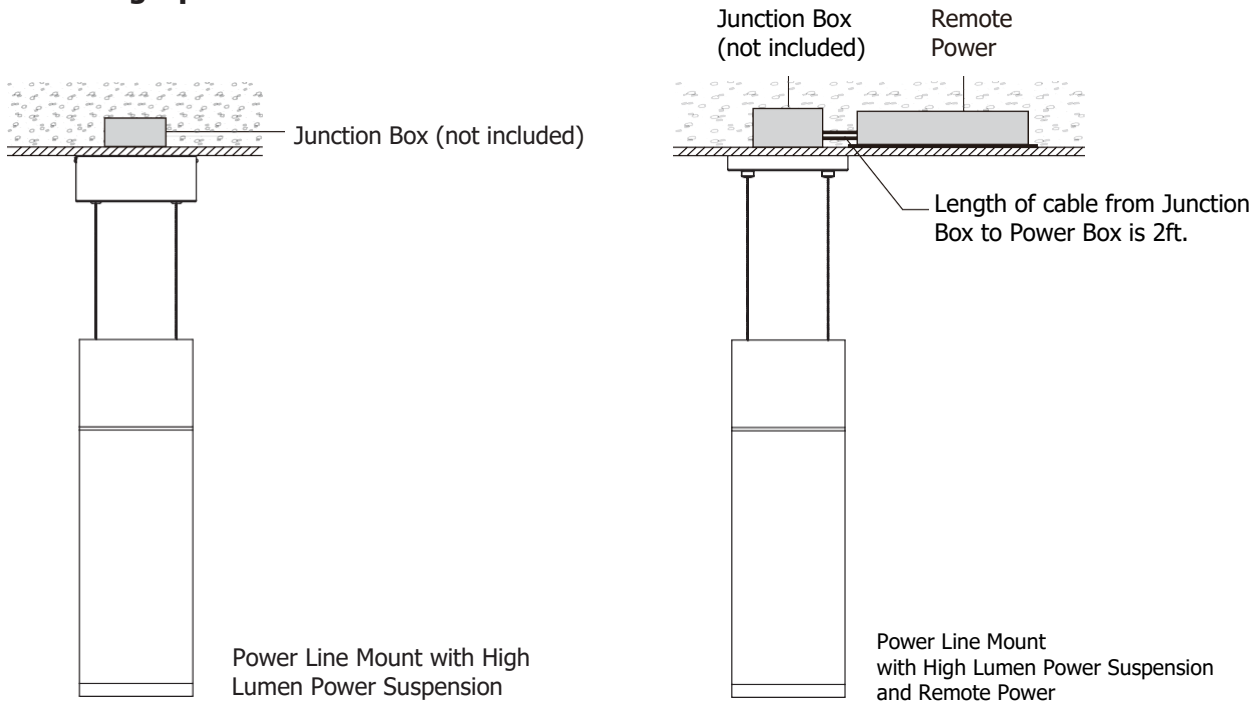
Compatible DMX Cabling List

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.
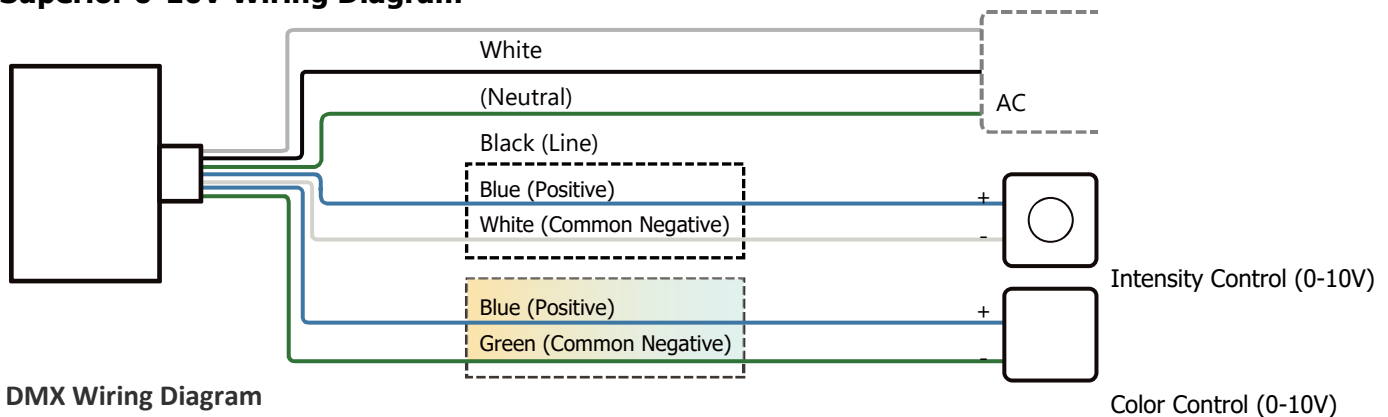
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Mounting Options

Junction Box (not included)

Junction Box (not included)

Remote Power

Length of cable from Junction Box to Power Box is 2ft.

Power Line Mount with High Lumen Power Suspension

Power Line Mount with High Lumen Power Suspension and Remote Power

Superior 0-10V Wiring Diagram

White

(Neutral)

AC

Black (Line)

Blue (Positive) +

White (Common Negative) -

Intensity Control (0-10V)

Blue (Positive) +

Green (Common Negative) -

Color Control (0-10V)

DMX Wiring Diagram

LED Fixture

DMX IN

DMX

DMX Address X (Intensity Control)

DMX Address X+1 (Color Control)

Next Fixture