

DUO 4 - Standard



Elegant Up and Downlight Luminaire

4-inch direct/indirect luminaire with clean aesthetics and no visible power cord. A revolutionary and intuitive design making it a decorative element that adds a touch of class.

- Tunable White
(Please refer to Tunable White Version spec sheet)

Quantity	Type
Project	Note

Electrical System

- 3000 lm (30W) Uplight: 15W / Downlight: 15W
- 4410 lm (50W) Uplight: 25W / Downlight: 25W
- 6510 lm (75W) Uplight: 25W / Downlight: 50W
- 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

- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle:
Down: 15°, 25°, 35°, 60°, WD
Up: 35°, 60°, WD
- UGR ≤19
- Rated Life > 60,000 Hours (L70)

Mounting

- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft (Canopy Height: 2.95")
- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with Remote Power (Canopy Height: 0.84")

Warranty

- 5-year limited warranty

Advanced Dimming

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

Without Signal Wire

- Non-Dimming
- 30W / 50W only:**
- LTE: Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
- LDE1: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (UNV only)

With Signal Wire

- Superior 0-10V: dims to 1%
Single Dimming (Controls Up/Down Together)
Dual Dimming (Controls Up/Down Separately)
- DMX: high resolution dims to 0.1% (RJ45 only)
(Supports ANSI E1.20 RDM protocol)
Single Dimming (Controls Up/Down Together)
Dual Dimming (Controls Up/Down Separately)

Listing

- ETL Listed



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How to Specify:

Ordering Example: DUO4-50-408-U-DMXRD-6035-B-PL6

4-5 weeks lead time on over 75% of specifications.

Model	Wattage		CCT / CRI		Voltage	Dimming
DUO4					UNV	
DOU4	30	Downlight: 15W Uplight: 15W	278	2700K / CRI85	U 120-277V	Without Signal Wire
	50	Downlight: 25W Uplight: 25W	308	3000K / CRI85		NOD Non-Dimming
	75	Downlight: 50W Uplight: 25W	358	3500K / CRI85		LTE¹ Hi-Lume 1% 2-wire LED Driver (120V forward phase only)
			408	4000K / CRI85		LDE1¹ Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (UNV only)
			279	2700K / CRI93		With Signal Wire
			309	3000K / CRI93		SPVS Superior 0-10V dims to 1% Single (Up/Down Together)
			359	3500K / CRI93		SPVD Superior 0-10V dims to 1% Dual (Up/Down Separately)
					DMXRS² DMX dims to 0.1% Single (Up/Down Together)	
					DMXRD² DMX dims to 0.1% Dual (Up/Down Separately)	

¹ Option is only compatible with 30W/50W
² Option only applies to RJ45 Sockets.

Beam Angle

Finish

Mounting

Downlight		Uplight		Finish		Mounting	
15	15°	35	35°	B	Black	PL2	(2 or 4 or 6 or 8 or 10) Power Line Mount
25	25°	60	60°	W	White	PL2RM	(2 or 4 or 6 or 8 or 10) Power Line Mount Remote Power
35	35	WD¹	WIDE			EMP	Remote Emergency Pack
60	60						
WD	WIDE						

B
Black

W
White

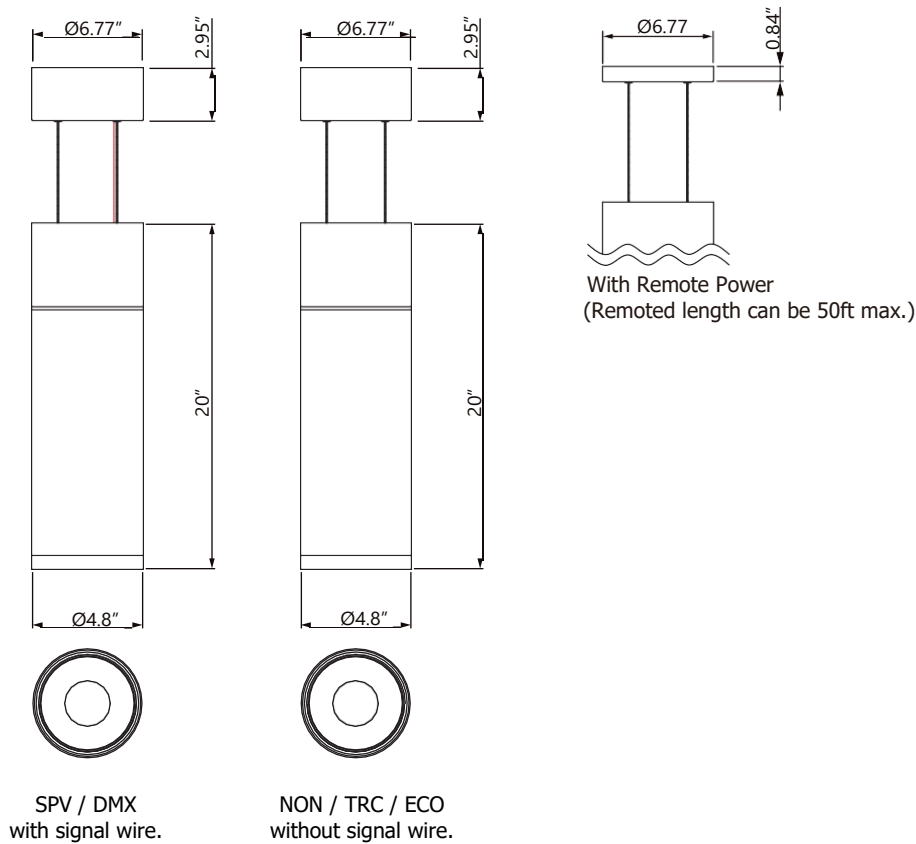
¹ Please factor in change in lumen output with diffuser (-20% with WD; -12% with other degrees).

Delivered Lumens*

Wattage \ CCT	30W		50W		75W	
	UP (15W)	DOWN (15W)	UP (25W)	DOWN (25W)	UP (25W)	DOWN (50W)
4000K	1460 lm	1460 lm	2180 lm	2180 lm	2180 lm	4210 lm
3500K	1380 lm	1380 lm	2060 lm	2060 lm	2060 lm	3980 lm
3000K	1338 lm	1338 lm	1990 lm	1990 lm	1990 lm	3720 lm
2700K	1500 lm	1500 lm	2205 lm	2205 lm	2205 lm	4305 lm

*Tolerance± 8%

Dimensions



DMX Requirements*

Each DUO 4 DMX unit has TWO CHANNEL per fixture (1 to control uplight, 1 to control downlight). 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.

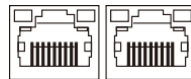
Fixture	DMX Address	
	Uplight (ex. X)	Downlight (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

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).

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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Mounting Options

