ADVANCED HIGH CEILING

DUO 6 - Standard

METEOR

Elegant Up and Downlight Luminaire

6-inch direct/indirect luminaire performing up to 8,810 lumens combined. This luminaire has clean aesthetics and no visible power cord. A revolutionary and intuitive design making it a decorative element that adds a touch of class.

Quantity		Type	
Project		Note	

Electrical System
- 2800 lm (30W) Uplight: 15W / Downlight: 15W
- 4670 lm (50W) Uplight: 25W / Downlight: 25W
- 7005 lm (75W) Uplight: 25W / Downlight: 50W
- 8810 lm (95W) Uplight: 25W / Downlight: 70W
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: 2.5KV
- Power Factor Greater than 0.9

LED Technology
- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle:
  Down: 40°, 60°, WD
  Up: 40°, 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)
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)

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 (Canopy Height: 2.95")
- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with 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: DUO6-50-408-U-DMXRD-6040-B-PL6

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

Model	Wattage			CCT / CRI		Voltage		Dimming	
DUO6						UNV			
DUO6	**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			**LTE**[1]	Hi-Lume 1% 2-wire LED Driver
	95	Downlight: 70W	Uplight: 25W	**408**	4000K / CRI85				(120V forward phase only)
				279	2700K / CRI93			**LDE1**[1]	Hi-Lume 1% EcoSystem LED Driver
				309	3000K / CRI93				with Soft-on, Fade-to-Black (UNV only)
				359	2500K / CRI93			**With Signal Wire**	
								SPVS	Superior 0-10V dims to 1% Single (Up/Down Together)
								SPVD	Superior 0-10V dims to 1% Dual (Up/Down Separately)
								DMXRS[2]	DMX dims to 0.1% Single (Up/Down Together)
								DMXRD[2]	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	
40	40º	**40**	40º	**B**	Black	**PL2** (2 or 4 or 6 or 8 or 10)	Power Line Mount
60	60º	**60**	60º	**W**	White	**PL2RM** (2 or 4 or 6 or 8 or 10)	Power Line Mount Remote Power
WD[1]	WIDE	**WD**[1]	WIDE			**EMP**	Remote Emergency Pack

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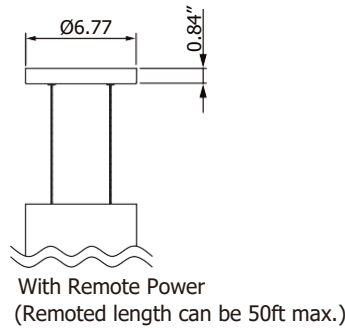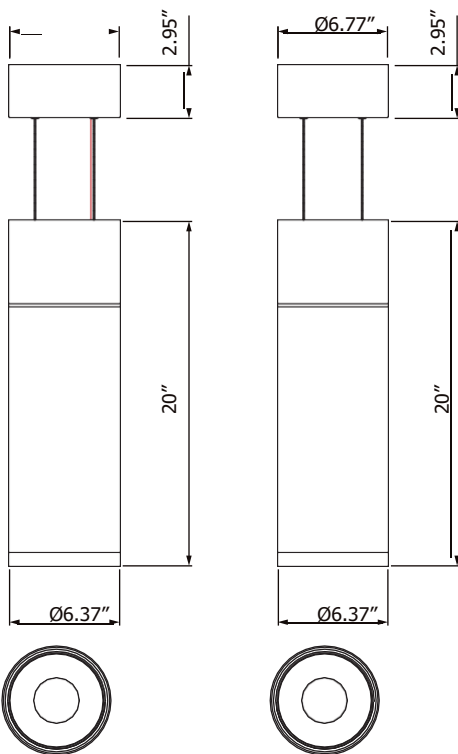
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Delivered Lumens*

Wattage / CCT	30W		50W		75W		95W	
	UP (15W)	DOWN (15W)	UP (25W)	DOWN (25W)	UP (25W)	DOWN (50W)	UP (25W)	DOWN (70W)
4000K	1400 lm	1400 lm	2335 lm	2335 lm	2335 lm	4670 lm	2335 lm	6475 lm
3500K	1380 lm	1380 lm	2305 lm	2305 lm	2305 lm	4610 lm	2305 lm	6390 lm
3000K	1345 lm	1345 lm	2245 lm	2245 lm	2245 lm	4495 lm	2245 lm	6230 lm
2700K	1240 lm	1240 lm	2070 lm	2070 lm	2070 lm	4145 lm	2070 lm	5745 lm

*Tolerance± 8%

Dimensions

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

SPV / DMX
with signal wire.

NON / TRC / ECO
without signal wire.

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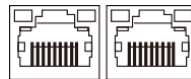# DUO 6 - Standard

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DMX Requirements*

Each DUO 6 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

Junction Box (not included)

Power Line Mount with High
Lumen Power Suspension

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
and Remote Power