DUO 6

ELEGANT 6 INCH
UP AND DOWN LUMINAIRE

Housing
Diameter : Ø6.37" | Height : 20" | Weight : 15.2 lbs

Material
Housing: High Pressure Die-Cast Aluminum
Lens: Clear polycarbonate

Power Input
50W, 75W, 95W | 120-277V

Lumen Output
Uplight: 1,040 lm (25W/RGB)
Downlight: 2,205 lm (25W), 4,305 lm (50W), 6,075 lm (70W)

Dimming
DMX: High resolution dims to 0.1% (RJ45 only)
(Supports ANSI E1.20 RDM protocol)
Dual Dimming (Controls Up/Down Separately)

Color Quality	**Rated Life**
CRI 85, CRI 93	UGR ≤ 19	> 60,000 Hours (L70)

Finish

Black   White

Color Temperature

2700K   3000K   3500K   4000K

Optics

60°
UP/DOWN

WIDE
UP/DOWN

Mounting

Power Line

Power Line
Remote Power

Warranty
5 Year limited warranty

Listing

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LISTED
Intertek

Revolutionary Mounting System

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.

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

DUO6	**MODEL**	**DUO 6**		
	WATTAGE	**50** Downlight: 25W Uplight: 25W	**75** Downlight: 50W Uplight: 25W	**95** Downlight: 70W Uplight: 25W
	CCT / CRI	*Downlight* **278** 2700K / CRI 85 **408** 4000K / CRI 85	**308** 3000K / CRI 85	**358** 3500K / CRI 85
RGB		*Uplight* **RGB**		
UNV	**VOLTAGE**	**UNV** 120 – 277V		
DMXRD	**DIMMING**	*With Signal Wire* **DMXRD**[1] DMX dims to 0.1% Dual (Up/Down Separately)		
	BEAM ANGLE	*Downlight* **60** 60°	**WD**[2] Wide	
		Uplight **60** 60°	**WD**[2] Wide	
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**PL2 (2 / 4 / 6 / 8 / 10)** Power Line Mount (2, 4, 6, 8, and 10 ft.)	**PL2RM (2 / 4 / 6 / 8 / 10)** Power Line Mount with Remote Power (2, 4, 6, 8, and 10 ft.)	

[1] Option only applies to RJ45 Socket
[2] Please factor in change in lumen output with WD -20%

SPECIFICATION SHEET / RGB UPLIGHT

DUO 6 ELEGANT 6 INCH UP AND DOWN LUMINAIRE

METEOR

TECHNICAL DETAILS

Electrical
- Uplight: 1,040 lm (25W/RGB)
- Downlight: 2,205 lm (25W), 4,305 lm (50W), 6,075 lm (70W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°F
- Surge Protection: Built-in is 2.5KV
- Power Factor Greater than 0.9

LED Features
- Color Temperature: 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- UGR ≤ 19
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 Hrs

Optics
- Precision molded high transmittance clear lenses
- Beam Angle: Up&Down: 60°, WD

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: Ø6.37"
- Height: 20"
- Material: High Pressure Die-Cast 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")

Warranty
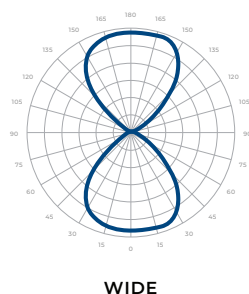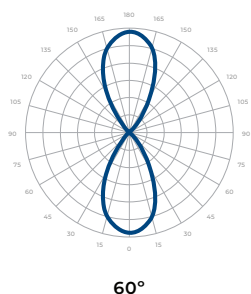- 5-year limited warranty

Listing
- ETL Listed

PERFORMANCE SUMMARY*

Delivered Lumens			
Uplight (25W)	R	G	B
	125lm	820lm	100lm
50W DOWNLIGHT (25W)	2700K	3000K	3500K	4000K
	1,900lm	2,060lm	2,180lm	2,205lm
75W DOWNLIGHT (50W)	2700K	3000K	3500K	4000K
	3,720lm	3,980lm	4,210lm	4,305lm
95W DOWNLIGHT (70W)	2700K	3000K	3500K	4000K
	5,745lm	6,230lm	6,390lm	6,475lm

Current Consumption		
WATTAGE / VOLT	120V	277V
30W	0.28A	0.12A
50W	0.46A	0.20A
75W	0.69A	0.30A
95W	0.87A	0.38A

* Tolerance ±8%

meteor-lighting.com   1300 John Reed Court, Unit B, City of Industry, California 91745 E: tech@meteor-lighting.com T: 213-255-2060

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PHOTOMETRICS

Below is a typical photometric representation of the Duo 6 fixture. Please download IES files to ensure exact photometric value.
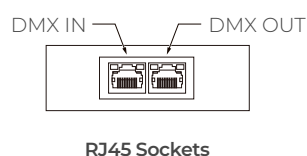

60°

WIDE

DMX REQUIREMENTS

The Duo 6 W+RGB fixture with DMX is a **four channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

	DMX Address			
Fixture	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 fixture can be connected with RJ45 sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

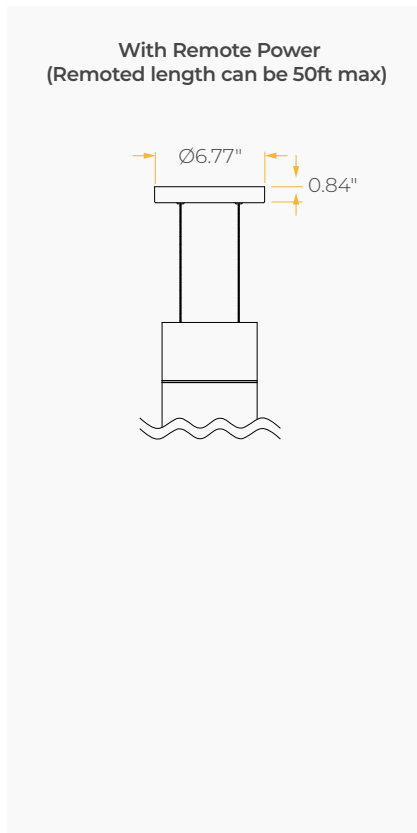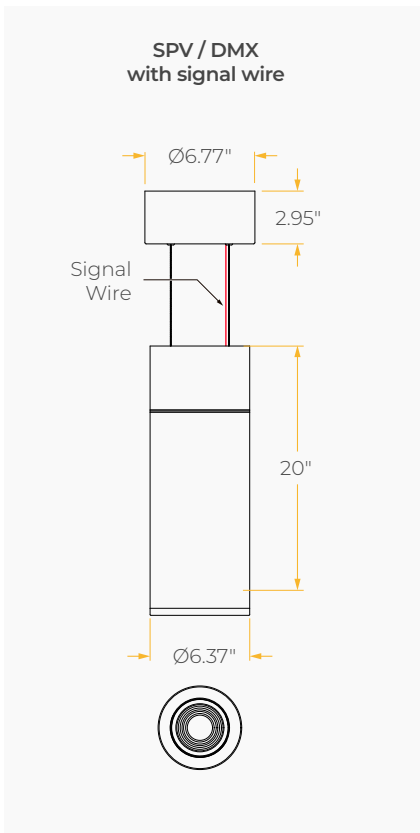| CONNECTION	RJ45 (CAT5e)
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)
Signal -	ORANGE (PIN 2)
Signal +	WHITE/ORANGE (PIN 1)
Spare	-
Spare	-

DMX IN — — DMX OUT

RJ45 Sockets

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 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

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Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

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DIMENSIONS

SPV / DMX
with signal wire

Ø6.77"

2.95"

Signal Wire

20"

Ø6.37"

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

Ø6.77"

0.84"

MOUNTING OPTIONS*

Juntion Box not included

Power Line Mount with
High Lumen Power Suspension

Junction Box

Power Line Mount with High Lumen
Power Suspension and Remote Power

Junction Box

Remote Power

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