DUO 4

ELEGANT 4 INCH
UP AND DOWN LUMINAIRE

Housing
Diameter : Ø4.8" | Height : 15.1" | Weight : 8.5 lbs

Material
Housing : Extruded Aluminum
Lens : Clear polycarbonate

Power Input
Downlight : 15W, 25W | 120-277V
Uplight : 15W, 25W | 120-277V

Lumen Output
Downlight : 1,650 lm (15W), 2,150 lm (25W)
Uplight : 1,650 lm (15W), 2,150 lm (25W)

Dimming
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1% (RJ45 only)
(Supports ANSI E1.20 RDM protocol)

Color Quality
CRI 85+ | UGR ≤ 19

Rated Life
> 100,000 Hours (L70)

Finish
Black
White

Color Temperature
TNW ColorFlip™ Tunable White
2700K ↔ 6500K

Optics
60°
UP/DOWN

Wide
UP/DOWN

Mounting
Power Line

Power Line
Remote Power

### Warranty
5 Year limited warranty

Listing
c ETL us
Intertek

Revolutionary Mounting System

Perfect for highlighting beautiful ceiling spaces, the embedded Powerline™ System offers a highly aesthetic fixture, with a less than 1-inch canopy option for that truly quiet ceiling design.

Available in a range of dimming capabilities including DMX, this added technology does not compromise the look and feel of the luminaire and is done through a hidden signal wire that can also offer separate uplight and downlight dimming controls.

pia 19

2019 INDUSTRY PROGRESS REPORT SELECTION

LIT 2019 WINNER LIGHTING DESIGN AWARDS

METEOR
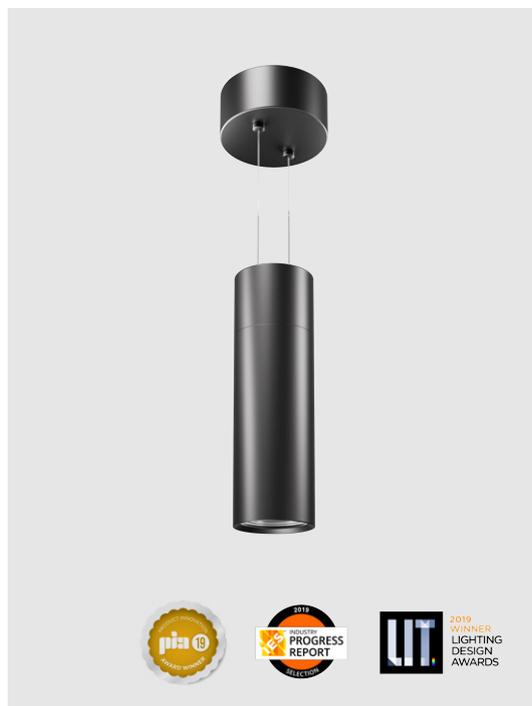
SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

	MODEL	DUO 4	
DUO4	MODEL	**DUO 4**	
	WATTAGE	**30** Downlight: 15W Uplight: 15W	**50** Downlight: 25W Uplight: 25W
TNW	CCT / CRI	**TNW** 2700K – 6500K	
UNV	VOLTAGE	**UNV** 120 – 277V	
	DIMMING	*With Signal Wire* **SPVS** Superior 0-10V dims to 1% Single (Up/Down Together)	**DMXRS**[1] DMX dims to 0.1% Single (Up/Down Together)
	BEAM ANGLE	*Downlight* **60** 60° *Uplight* **60** 60°	**WD**[2] Wide **WD**[2] Wide
	FINISH	**BLK** Black	**WHT** White
	MOUNTING	**PL#(2/4/6/8/10)**[3] Power Line Mount (2, 4, 6, 8, and 10 ft.)	**PL#RM(2/4/6/8/10)**[3] Power Line Mount with Remote Power (2, 4, 6, 8, and 10 ft.)

↻ **CLEAR FORM**

[1] *DMXR connects with RJ45 Sockets*

[2] *WD option reduces delivered lumens by ~20%*

[3] *Replace "#" with the required length designation. ex: PL2, PL4*

meteor-lighting.com   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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DUO 4
ELEGANT 4 INCH
UP AND DOWN LUMINAIRE

METEOR

TECHNICAL DETAILS

Electrical

- Downlight : 1,650 lm (15W), 2,150 lm (25W)
- Uplight : 1,650 lm (15W), 2,150 lm (25W)
- 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

- ColorFlip™ Tunable White 2700K ↔ 6500K
- CRI 85+
- UGR ≤ 19
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

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

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 : Ø4.8"
- Height : 15.1"
- Material : Extruded 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 Damp Location Listed

PERFORMANCE SUMMARY*

ColorFlip™	2700K	3000K	3500K	4000K	4500K	5000K	5700K	6500K
DMX CCT SIGNAL (%)	0%	10%	25%	45%	60%	70%	85%	100%
0-10V CCT VOLTAGE	0	1	2.5	4.5	6	7	8.5	10
30W UP (15W)	1,490lm	1,530lm	1,570lm	1,610lm	1,645lm	1,650lm	1,650lm	1,650lm
30W DOWN (15W)	1,490lm	1,530lm	1,570lm	1,610lm	1,645lm	1,650lm	1,650lm	1,650lm
50W UP (25W)	1,930lm	1,985lm	2,040lm	2,095lm	2,150lm	2,145lm	2,135lm	2,130lm
50W DOWN (25W)	1,930lm	1,985lm	2,040lm	2,095lm	2,150lm	2,145lm	2,135lm	2,130lm
CRI	85	86	87	88	89	88	87	86

Lumen Multiplier 40° 60° baseline 0.82

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PERFORMANCE SUMMARY

Current Consumption		
WATTAGE / VOLT	120V	277V
30W	0.28A	0.12A
50W	0.46A	0.20A

PHOTOMETRICS

Below is a typical photometric representation of the Duo 4 fixture. Please download IES files to ensure exact photometric value.
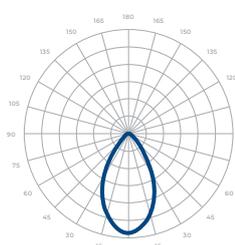
60°
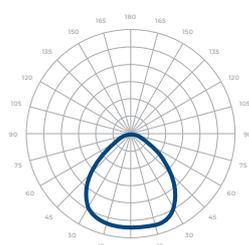
WIDE

DMX REQUIREMENTS

The Duo 4 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). 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	**Intensity Control (ex. X)**	**Color Control (ex. X+1)**
#1	1	2
#2	3	4
#3	5	6

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DMX REQUIREMENTS

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.

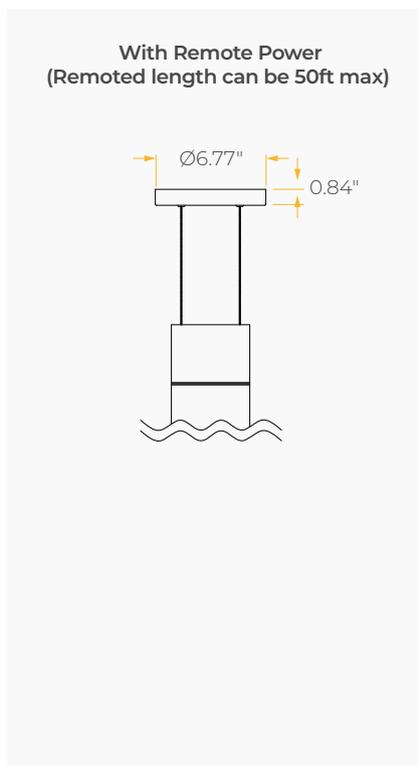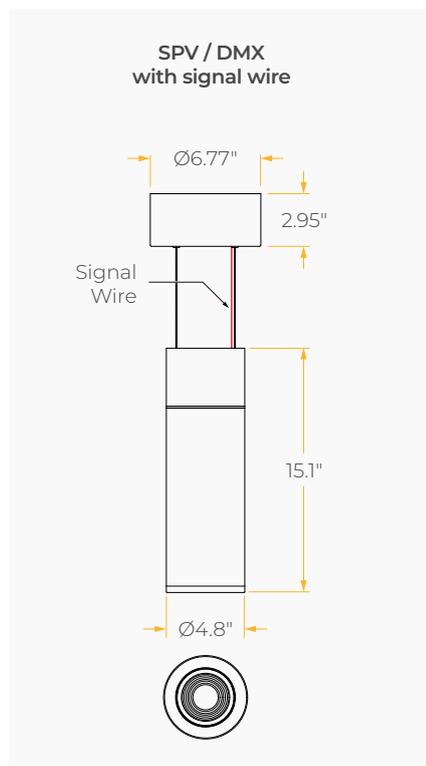| CONNECTION	RJ45 (CAT5e)
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)
Signal -	ORANGE (PIN 2)
Signal +	WHITE/ORANGE (PIN 1)
Spare	-
Spare	-

DMX IN — — DMX OUT

RJ45 Sockets
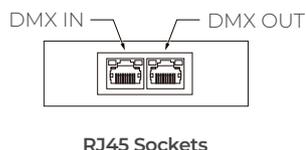
COMPATIBLE DMX CABLING LIST

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.

DIMENSIONS

SPV / DMX
with signal wire

Ø6.77"
2.95"
Signal Wire
15.1"
Ø4.8"

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

Ø6.77"
0.84"

DUO 4 ELEGANT 4 INCH
UP AND DOWN LUMINAIRE

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

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