

# 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, 50W | 120-277V

Uplight: 15W, 25W | 120-277V

### Lumen Output

Downlight: 1,500 lm (15W), 2,205 lm (25W), 4,305 lm (50W)

Uplight: 1,500 lm (15W), 2,205 lm (25W)

### Dimming

TRC: Linear line-voltage phase control, dims to 1%

LDE1: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black

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, CRI 93 | UGR ≤ 19

### Rated Life

> 100,000 Hours (L70)

### Finish



Black

White

### Color Temperature



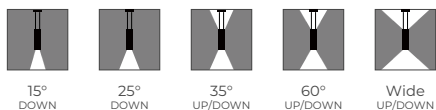
2700K

3000K

3500K

4000K

### Optics



15°  
DOWN

25°  
DOWN

35°  
UP/DOWN

60°  
UP/DOWN

Wide  
UP/DOWN

### Mounting



Power Line

Power Line  
Remote Power

### Warranty

5 Year limited warranty

### Listing



# METEOR

## SPECIFICATION SHEET

## 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.



[meteor-lighting.com](http://meteor-lighting.com)

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DUO 4 ELEGANT 4 INCH  
UP AND DOWN LUMINAIRE

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## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>DUO4</b>	MODEL	<b>DUO 4</b>		
	WATTAGE	<b>30</b> Downlight: 15W Uplight: 15W	<b>50</b> Downlight: 25W Uplight: 25W	<b>75</b> Downlight: 50W Uplight: 25W
	CCT / CRI	<b>278</b> 2700K / CRI 85 <b>309</b> 3000K / CRI 93 <b>408</b> 4000K / CRI 85	<b>279</b> 2700K / CRI 93 <b>358</b> 3500K / CRI 85	<b>308</b> 3000K / CRI 85 <b>359</b> 3500K / CRI 93
<b>UNV</b>	VOLTAGE	<b>UNV</b> 120 – 277V		
	DIMMING	<p><b>Without Signal Wire</b></p> <p><b>NOD</b> Non-Dimming</p> <p><b>TRC<sup>1</sup></b> Linear line-voltage phase control, dims to 1%</p> <p><b>LDE1<sup>2</sup></b> Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black</p> <hr/> <p><b>With Signal Wire</b></p> <p><b>SPVS</b> Superior 0-10V dims to 1% Single (Up/Down Together)</p> <p><b>SPVD</b> Superior 0-10V dims to 1% Dual (Up/Down Separately)</p> <p><b>DMXRD<sup>3</sup></b> DMX dims to 0.1% Dual (Up/Down Separately)</p> <p><b>DMXRS<sup>3</sup></b> DMX dims to 0.1% Single (Up/Down Together)</p>		
	BEAM ANGLE	<p><b>Downlight</b></p> <p><b>15</b> 15°</p> <p><b>60</b> 60°</p> <p><b>25</b> 25°</p> <p><b>WD<sup>4</sup></b> Wide</p> <hr/> <p><b>Uplight</b></p> <p><b>35</b> 35°</p> <p><b>60</b> 60°</p> <p><b>WD<sup>4</sup></b> Wide</p>		
	FINISH	<b>BLK</b> Black	<b>WHT</b> White	
	MOUNTING	<b>PL2 ( 2 / 4 / 6 / 8 / 10 )</b> Power Line Mount (2, 4, 6, 8, and 10 ft.)	<b>PL2RM ( 2 / 4 / 6 / 8 / 10 )</b> Power Line Mount with Remote Power (2, 4, 6, 8, and 10 ft.)	
	ACCESSORIES	<b>NO</b> No Accessories	<b>EMP</b> Remote Emergency Pack	

<sup>1</sup> Option is only compatible with 120V and 30W<sup>2</sup> Option is only compatible with 30W, 50W<sup>3</sup> Option only applies to RJ45 Sockets<sup>4</sup> Please factor in change in lumen output of -20% with WD

**TECHNICAL DETAILS**

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**Electrical**

- Downlight: 1,500 lm (15W), 2,205 lm (25W), 4,305 lm (50W)
- Uplight: 1,500 lm (15W), 2,205 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
- Remote Emergency Pack: Bodine BSL20B2UEK55C111

**LED Features**

- Color Temperature: 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- 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: 15°, 25°, 35°, 60°, WD
- Beam Angle Up: 35°, 60°, WD

**Advanced Dimming**

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

**Without Signal Wire**

- TRC: Linear line-voltage phase control, dims to 1% (120V only)
- LDEI: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black

**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: 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 (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 Damp Location Listed
- CE
- FCC

## SPECIFICATION SHEET

# DUO 4

ELEGANT 4 INCH  
UP AND DOWN LUMINAIRE

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## PERFORMANCE SUMMARY\*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
<b>30W</b> UP (15W)	1,340lm	1,380lm	1,460lm	1,500lm
<b>30W</b> DOWN (15W)	1,340lm	1,380lm	1,460lm	1,500lm
<b>50W</b> UP (25W)	1,990lm	2,060lm	2,180lm	2,205lm
<b>50W</b> DOWN (25W)	1,990lm	2,060lm	2,180lm	2,205lm
<b>75W</b> UP (25W)	1,990lm	2,060lm	2,180lm	2,205lm
<b>75W</b> DOWN (50W)	3,720lm	3,980lm	4,210lm	4,305lm

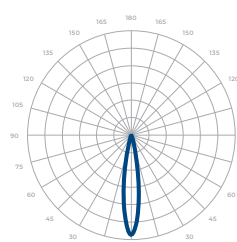
Current Consumption		
WATTAGE / VOLT	120V	277V
<b>30W</b>	0.28A	0.12A
<b>50W</b>	0.46A	0.20A
<b>75W</b>	0.69A	0.30A

\*Tolerance  $\pm 8\%$

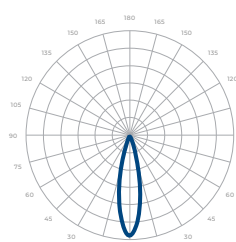
## PHOTOMETRICS

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

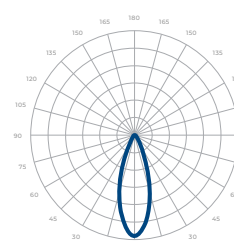
Downlight:



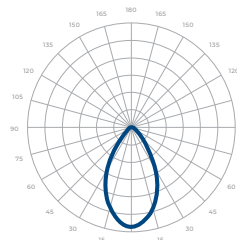
15°



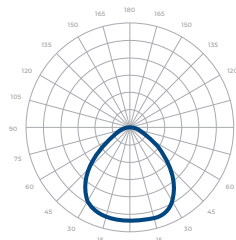
25°



35°

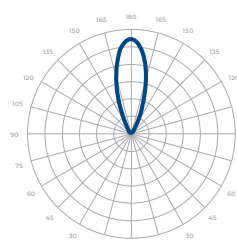


60°

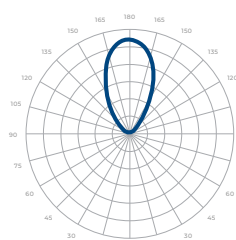


WIDE

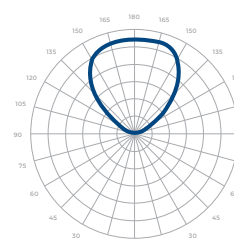
Uplight:



35°



60°



WIDE

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UP AND DOWN LUMINAIRE

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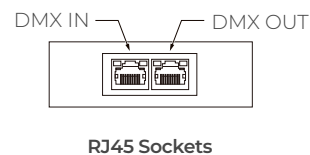
## DMX REQUIREMENTS

The Duo 4 fixture with DMX unit has **two channels** per fixture (1 to control uplight, 1 to control downlight). 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	Uplight (ex. X)	Downlight (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

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	-



## 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.

## COMPATIBLE TRC DIMMER LIST

PART NO.					
Lutron S-603PG	Lutron DVCL-153P	Lutron DVLV-600P	Lutron TGCL-153P	Lutron S-600P	Lutron DVELV-303P
Lutron SELV-300P	Lutron TG-600P	Lutron DVLV-600P	Lutron LG-600P	Lutron CT-103P	Lutron MAELV-600
Lutron FAELV-500	Leviton IPI06-1LZ	Leviton 6631-2	Leviton VPE06	Leviton 6683-IW	Leviton 6161
Leviton 6633-P	Leviton IPE04	Cooper DLC03P	Cooper SLC03P	Cooper DAL06P	Lightolier ZP260QEW

## SPECIFICATION SHEET

# DUO 4

ELEGANT 4 INCH  
UP AND DOWN LUMINAIRE

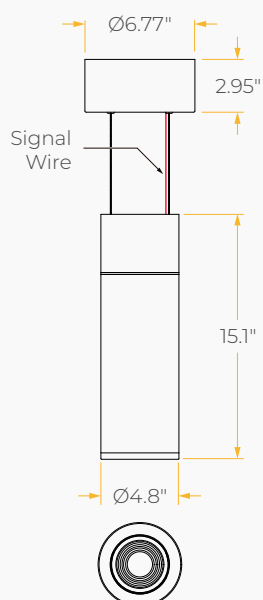
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## COMPATIBLE LDE1 DIMMER LIST

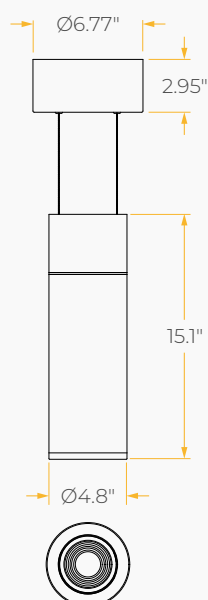
LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-__2C
QP2-__4C	QP2-__6C	QP2-__8C	LQSE-2ECO-D			

## DIMENSIONS

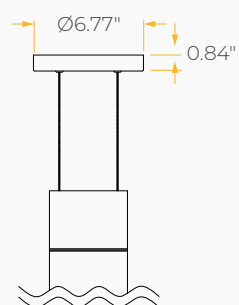
SPV / DMX  
with signal wire



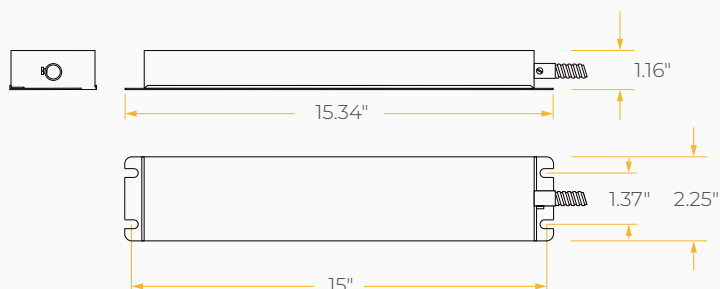
NON / TRC / ECO  
without signal wire



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



Remote Emergency Pack



## SPECIFICATION SHEET

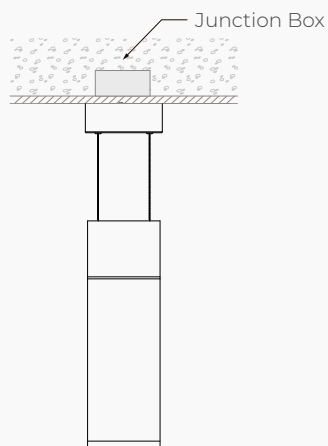
**DUO 4** ELEGANT 4 INCH  
UP AND DOWN LUMINAIRE

**METEOR**

### MOUNTING OPTIONS\*

*\*Junction Box not included*

**Power Line Mount with  
High Lumen Power Suspension**



**Power Line Mount with High Lumen  
Power Suspension and Remote Power**

