DUO 4 MINI

ELEGANT 4 INCH
UP AND DOWN LUMINAIRE

Housing
Diameter : Ø4.8" | Height : 9" | Weight : 7.5 lbs

Material
Housing : Extruded Aluminum
Lens : Clear polycarbonate

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

Lumen Output
Downlight : 1,250 lm (15W)
Uplight : 1,250 lm (15W)

Dimming
Superior 0-10V : Dims to 1%
TRC : Linear line-voltage phase control, dims to 1%
LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
DMX : High resolution dims to 0.1% (RJ45 only)
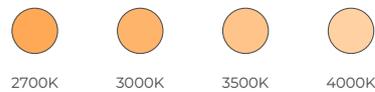(Supports ANSI E1.20 RDM protocol)

Color Quality	Rated Life
CRI 85, CRI 93	UGR ≤ 19	> 100,000 Hours (L70)

Finish

Black   White

Color Temperature

2700K   3000K   3500K   4000K

Optics

20° DOWN	30° DOWN	45° DOWN	35° UP	60° UP/DOWN	WIDE UP/DOWN

Mounting

Power Line   Power Line Remote Power

Warranty
5 Year limited warranty

Listing

cETLus LISTED
Intertek
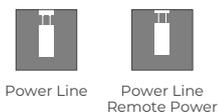
Revolutionary Mounting System

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.

METEOR
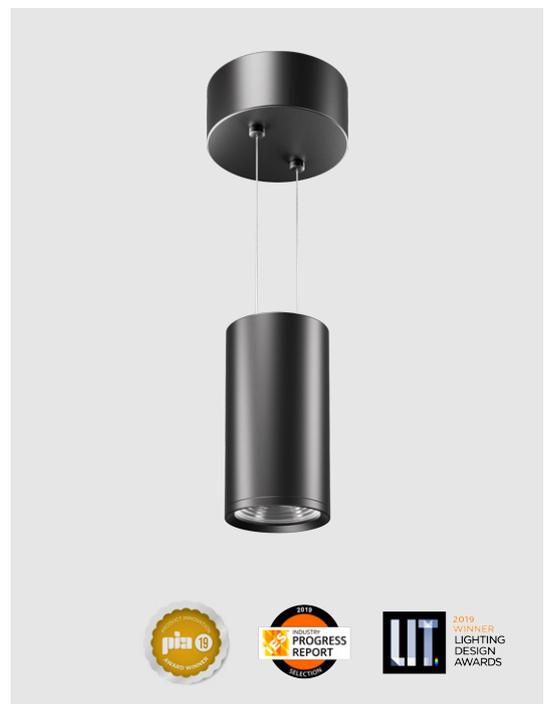
SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

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

DUO4M	MODEL	**DUO 4 MINI**		
30	WATTAGE	**30** Downlight: 15W Uplight: 15W		
	CCT / CRI	**278** 2700K / CRI 85 **309** 3000K / CRI 93	**279** 2700K / CRI 93 **359** 3500K / CRI 93	**308** 3000K / CRI 85 **408** 4000K / CRI 85
UNV	VOLTAGE	**UNV** 120 – 277V		
	DIMMING¹	**NOD** Non-Dimming **LDE1** Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	**SPVS** Superior 0-10V dims to 1% Single (Up/Down Together) **DMXR** DMX dims to 0.1% (RJ45 Sockets)	**TRC¹** Linear line-voltage phase control, dims to 1%

BEAM ANGLE

Downlight

20 20°	**30** 30°	**45** 45°
60 60°	**WD²** Wide	

Uplight

35 35°	**60** 60°	**WD²** 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.)
	ACCESSORIES	**EMP** Remote Emergency Pack	

↻ CLEAR FORM

¹ *TRC is only compatible with 120V*

² *Please factor in change in lumen output of -20% with WD*

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

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DUO 4 MINI
ELEGANT 4 INCH
UP AND DOWN LUMINAIRE

METEOR

TECHNICAL DETAILS

Electrical

- Downlight : 1,250 lm (15W)
- Uplight : 1,250 lm (15W)
- 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 BSL20B2UEK55C1I1

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 : 20°, 30°, 45°, 60°, WD
- Beam Angle Up : 35°, 60°, WD

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V : dims to 1%
  Single Dimming (Controls Up/Down Together)
- TRC : Linear line-voltage phase control, dims to 1% (120V only)
- LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
- DMX : high resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Housing

- Diameter : Ø4.8"
- Height : 9"
- Material : Extruded Aluminum
- Weight : 7.5 lbs
- Canopy Height : 2.9"

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*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
30W UP (15W)	1,110lm	1,160lm	1,195lm	1,250lm
30W DOWN (15W)	1,110lm	1,160lm	1,195lm	1,250lm

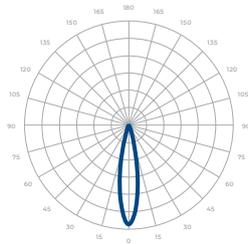| Current Consumption		
WATTAGE / VOLT	120V	277V
30W	0.28A	0.12A

*Tolerance ±8%

*For specifications requiring a CRI of 93, apply a 0.8 multiplier to the lumen output values listed.

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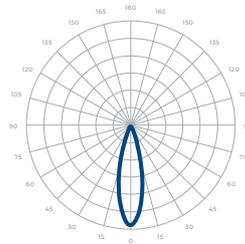
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PHOTOMETRICS

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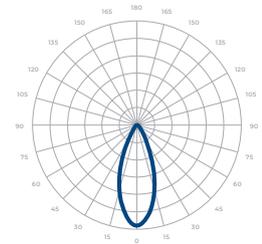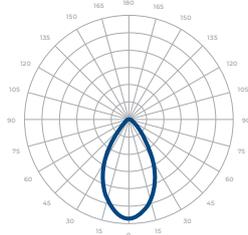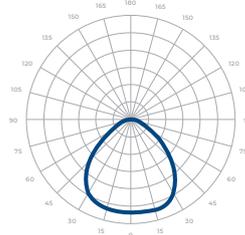
Downlight :

20°

30°

45°

60°

WIDE

Uplight :

35°

60°

WIDE

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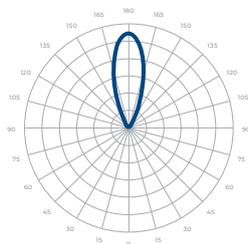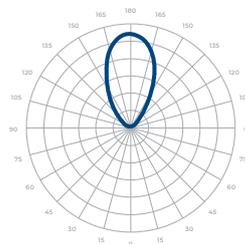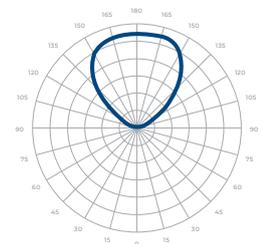
DMX REQUIREMENTS

The Duo 4 Mini 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	-

DMX IN ⎯⎯ ⎯⎯ DMX OUT

RJ45 Sockets
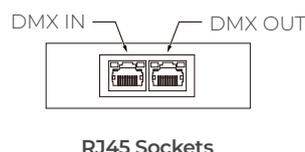
COMPATIBLE DMX CABLING LIST

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.

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

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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

Ø6.77"
2.95"
9"
Ø4.8"

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

Ø6.77"
0.84"
9"
Ø4.8"

Remote Emergency Pack

1.16"
15.34"
1.37" 2.25"
15"

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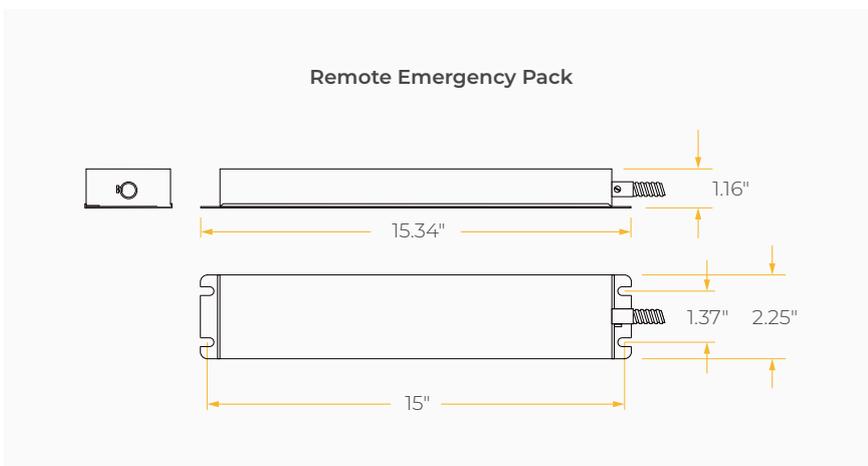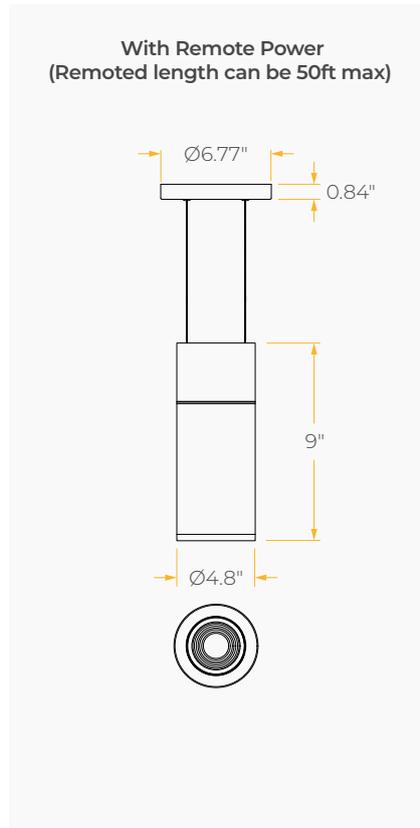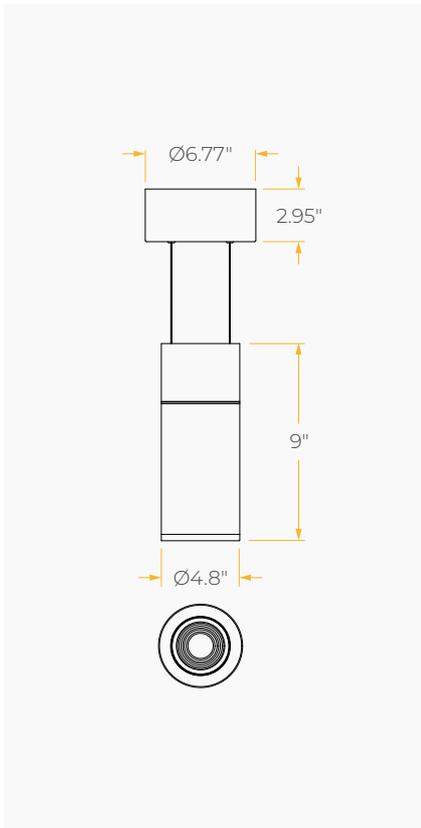
MOUNTING OPTIONS*

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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