ORION 4

ARCHITECTURAL ROUND CYLINDER FEATURING POWER LINE TECHNOLOGY

Housing
Diameter : Ø4" | Height : 9.5" | Weight : 8 lbs

Material
Housing : Extruded Aluminum
Reflector : Flow Forming Aluminum

Power Input
15W, 25W, 35W, 45W | 120V-277V

Lumen Output
1,300 lm (15W), 2,200 lm (25W), 3,150 lm (35W), 4,000 lm (45W)

Dimming
Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
LDE1 : Hi-Lume 1% EcoSystem
TRC : Linear line-voltage phase control, dims to 1% (120V only)

Color Quality
CRI 85, CRI 93

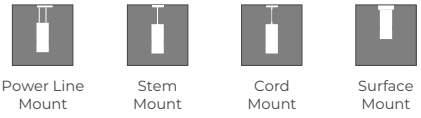
Rated Life
> 100,000 Hours (L70)

Finish

Color Temperature

Optics

Mounting



Warranty
5 Year limited warranty

Listing

Sleek Form Cylinder

A 4-inch aperture luminaire that features a low-profile housing with regressed optics for excellent glare control. Capable of delivering up to 4,000 lm, it features a wide variety of mounting options, including Meteor's proprietary Powerline™ system for a clean and aesthetic option to elevate and illuminate beautiful spaces.

METEOR

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FEATURING POWER LINE TECHNOLOGY

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

OR4-15-278-UNV-STV-35-BLK-BLK-PL2-NO

QUANTITY

OR4	MODEL	ORION 4		
15	WATTAGE	◉ 15 15W ○ 45 45W	○ 25 25W	○ 35 35W
278	CCT / CRI	◉ 278 2700K / CRI 85 ○ 309 3000K / CRI 93 ○ 408 4000K / CRI 85	○ 279 2700K / CRI 93 ○ 358 3500K / CRI 85	○ 308 3000K / CRI 85 ○ 359 3500K / CRI 93
UNV	VOLTAGE	◉ UNV 120-277V		
STV	DIMMING	◉ STV Standard 0-10V dims to 10% ○ LDE1[1] Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	○ SPV Superior 0-10V dims to 1% ○ TRC[2] Linear line-voltage phase control, dims to 1%	○ DMX(RJ45)[1] DMX dims to 0.1% (RJ45 Sockets)
35	BEAM ANGLE	◉ 35 35° ○ WD[3] Wide	○ 45 45°	○ 60 60°
BLK	FINISH	◉ BLK Matte Black	○ WHT Matte White	
BLK	TRIM FINISH	◉ BLK Matte Black	○ SLV Matte Silver	
PL2	MOUNTING	◉ PL2 (2 / 4 / 6 / 8 / 10) Power Line Mount (2, 4, 6, 8, and 10 ft.) ○ SUM[4] Surface Mount	○ ST2 Stem 2ft ○	○ ST4 Stem 4ft
NO	ACCESSORIES	◉ NO No Accessories	○ RM[5] Remote Power	○ FCS Field Cut Stem Adapter Kit

[1] *Option is only compatible with remote power*
[2] *Option is only compatible with 120V*
[3] *Please factor in change in lumen output of -20% with WD*
[4] *Option is compatible with standard canopy*
[5] *Remote power comes with a shallow canopy*

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.

TECHNICAL DETAILS

Electrical

- 1,330 lm (15W)
- 2,160 lm (25W)
- 3,150 lm (35W)
- 4,000 lm (45W)
- Power Input: 120V or 277V
- Operating Temperature: 14°F~104°F
- Surge Protection: Built-in is 2KV
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 35°, 45°, 60°, WD

Advanced Dimming

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

Housing

- Diameter: Ø4"
- Height : 9.5"
- Weight : 8 lbs
- Material : Extruded Aluminum

Mounting

- Power Line Mount 2ft, 4ft, 6ft, 8ft, 10ft with High Lumen Power Suspension
- Stem 2ft or 4ft
- Cord Mount 10ft
- Surface Mount

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- FCC
- CE

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
15W	1,200lm	1,260lm	1,300lm	1,330lm
25W	1,950lm	2,030lm	2,100lm	2,160lm
35W	2,850lm	2,910lm	3,060lm	3,150lm
45W	3,550lm	3,700lm	3,820lm	4,000lm

Current Consumption		
WATTAGE / VOLT	120V	277V
15W	0.14A	0.06A
25W	0.23A	0.1A
35W	0.32A	0.14A
45W	0.41A	0.18A

** Beam Angle 35° Tolerance ±8%*

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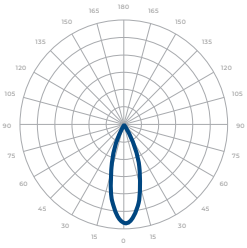
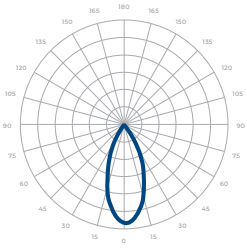
PHOTOMETRICS

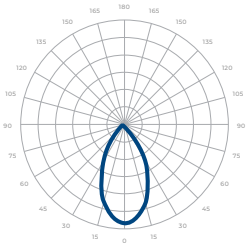
Below is a typical photometric representation of the Orion 4 fixture. Please download IES files to ensure exact photometric value.



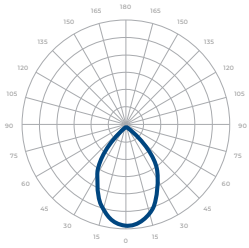
35°



45°



60°



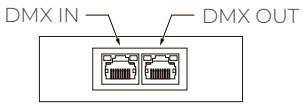
WIDE

DMX REQUIREMENTS

The Orion 4 fixture with DMX is a **single 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.

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	-



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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COMPATIBLE LDE1 DIMMER LIST

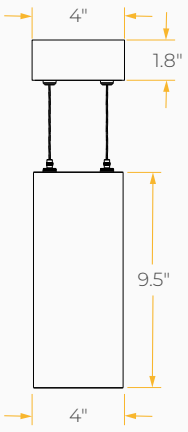
LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

COMPATIBLE TRC DIMMER LIST

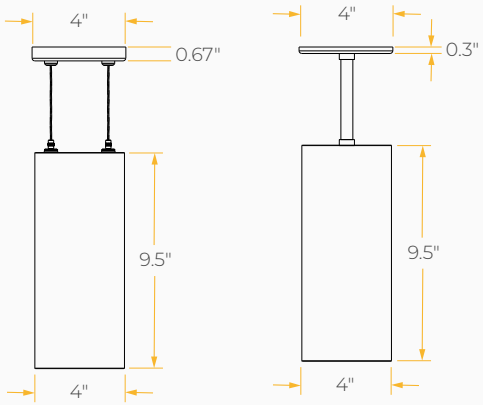
PART NO.					
Lutron S-603PG	**Lutron** DVCL-153P	**Lutron** DVLV-600P	**Lutron** TGCL-153P	**Lutron** S-600P	**Lutron** DVELV-303P
Lutron SELV-300P	**Lutron** TG-600P	**Lutron** DVLV-600P	**Lutron** LG-600P	**Lutron** CT-103P	**Lutron** MAELV-600
Lutron FAELV-500	**Leviton** IPI06-1LZ	**Leviton** 6631-2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

DIMENSIONS

STV / SPV / TRC



STV / SPV / DMX / TRC / ECO
(Remoted length can be 50ft max)



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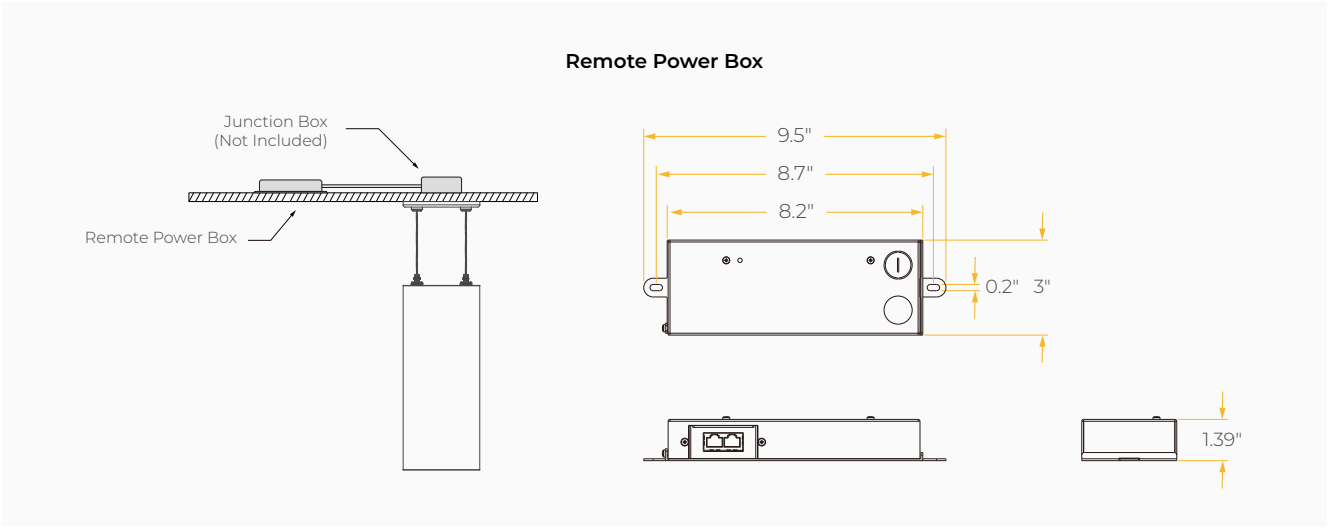
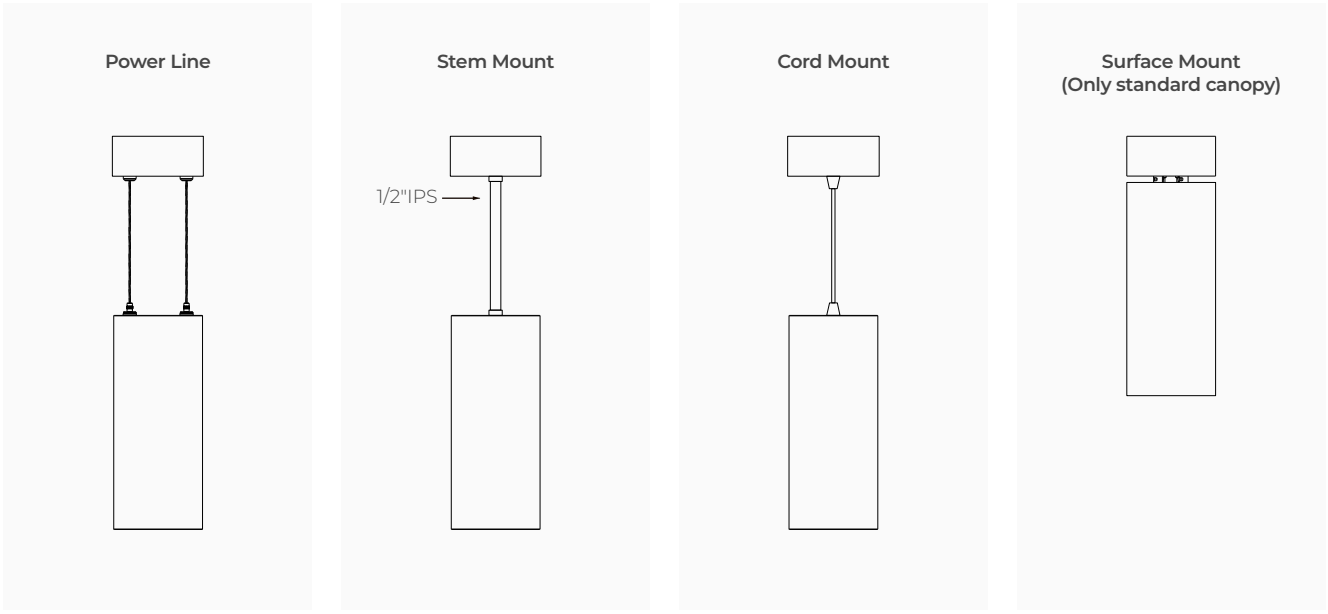
DIMENSIONS



MOUNTING OPTIONS

**Standard Driver-In Canopy Mounting Options*



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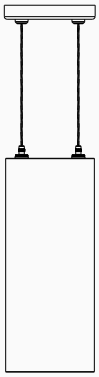
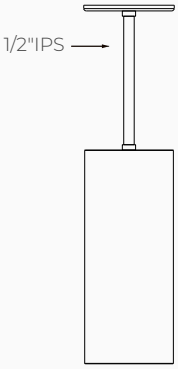
REMOTE POWER CANOPY MOUNTING OPTIONS

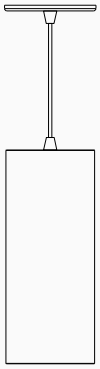
Power Line



Stem Mount



Cord Mount



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