

# ORION 4

SPECIFICATION SHEET

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

> 60,000 Hours (L70)

## Finish



Black



White

## Color Temperature



2700K



3000K



3500K



4000K

## Optics



35°



45°



60°



Wide

## Mounting



Power Line  
Mount



Stem  
Mount



Cord  
Mount



Surface  
Mount

## 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

meteor-lighting.com

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**SPECIFICATION**

<b>PROJECT NAME</b>	<b>DATE</b>
<input type="text"/>	<input type="text"/>
<b>CATALOG #</b>	<b>QUANTITY</b>
<input type="text"/>	<input type="text"/>

<b>OR4</b>	<b>MODEL</b>	<b>ORION 4</b>		
<input type="text"/>	<b>WATTAGE</b>	<b>15</b> 15W <b>45</b> 45W	<b>25</b> 25W	<b>35</b> 35W
<input type="text"/>	<b>CCT / CRI</b>	<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>	<b>VOLTAGE</b>	<b>UNV</b> 120-277V		
<input type="text"/>	<b>DIMMING</b>	<b>STV</b> Standard 0-10V dims to 10% <b>LDE1</b> Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	<b>SPV</b> Superior 0-10V dims to 1% <b>TRC</b> Linear line-voltage phase control, dims to 1%	<b>DMX(RJ45)</b> <sup>1</sup> DMX dims to 0.1% (RJ45 Sockets)
<input type="text"/>	<b>BEAM ANGLE</b>	<b>35</b> 35° <b>WD</b> <sup>3</sup> Wide	<b>45</b> 45°	<b>60</b> 60°
<input type="text"/>	<b>FINISH</b> <sup>4</sup>	<b>BLK</b> Matte Black	<b>WHT</b> Matte White	
<input type="text"/>	<b>TRIM FINISH</b>	<b>BLK</b> Matte Black	<b>SLV</b> Matte Silver	
<input type="text"/>	<b>MOUNTING</b>	<b>PL2</b> Power Line Mount 2ft <b>PL8</b> Power Line Mount 8ft <b>ST2</b> Stem 2ft	<b>PL4</b> Power Line Mount 4ft <b>PL10</b> Power Line Mount 10ft <b>ST4</b> Stem 4ft	<b>PL6</b> Power Line Mount 6ft <b>CM10</b> Cord Mount 10ft <b>SUM</b> <sup>5</sup> Surface Mount
<b>RM</b>	<b>ACCESSORIES</b>	<b>RM</b> <sup>6</sup> Remote Power		

<sup>1</sup> Option is only compatible with remote power  
<sup>2</sup> Option is only compatible with 120V  
<sup>3</sup> Please factor in change in lumen output of -20% with WD  
<sup>4</sup> All finishes come with standard black trim  
<sup>5</sup> Option is not compatible with remote power  
<sup>6</sup> Remote power comes with a shallow canopy

**TECHNICAL DETAILS**

**Electrical**

- 1,300 lm (15W)
- 2,200 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 4KV
- 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 @ 60,000 Hrs

**Optics**

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

**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%

**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

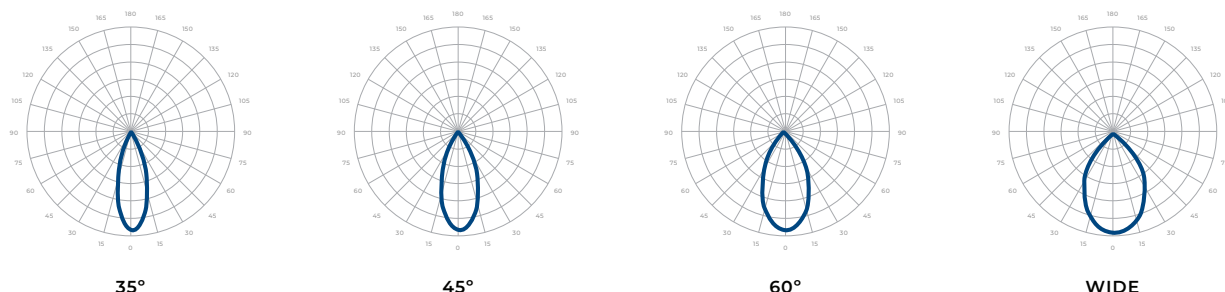
**PERFORMANCE SUMMARY\***

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

\* Beam Angle 35° Tolerance ±8%

### PHOTOMETRICS

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



### DMX REQUIREMENTS

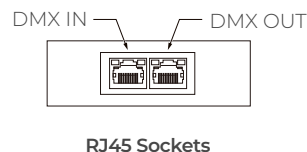
The Orion 4 LED fixture with DMX is a **single channel DMX** unit.

When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provide RJ45 Socket to connect.

The final fixture should be terminated by the use of DMX Terminator (by others).

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 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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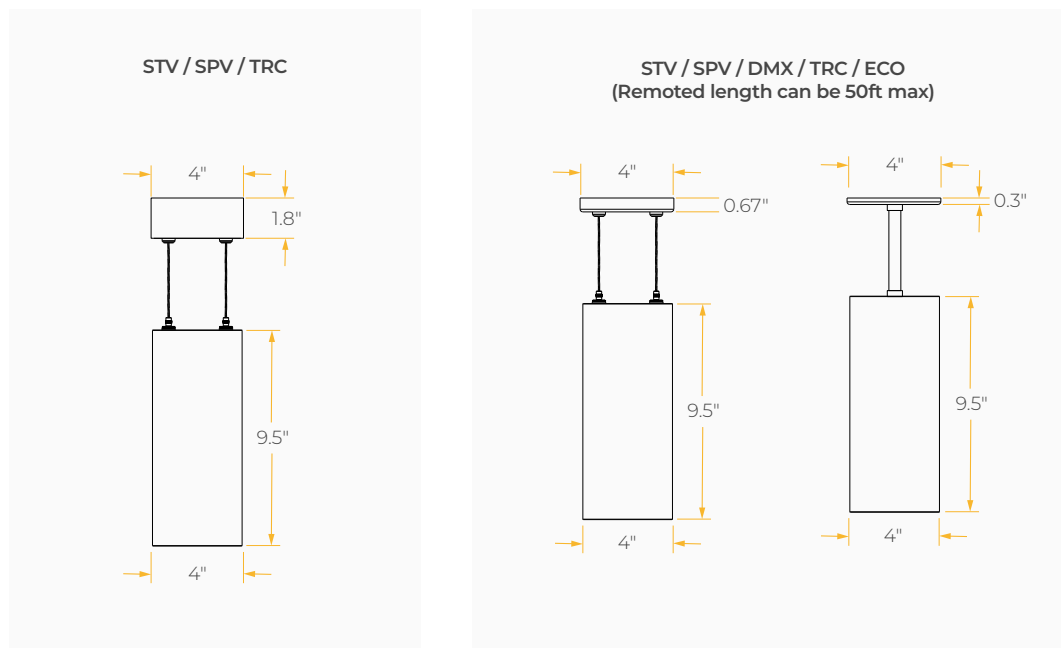
**COMPATIBLE LDE1 DIMMER LIST**

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			

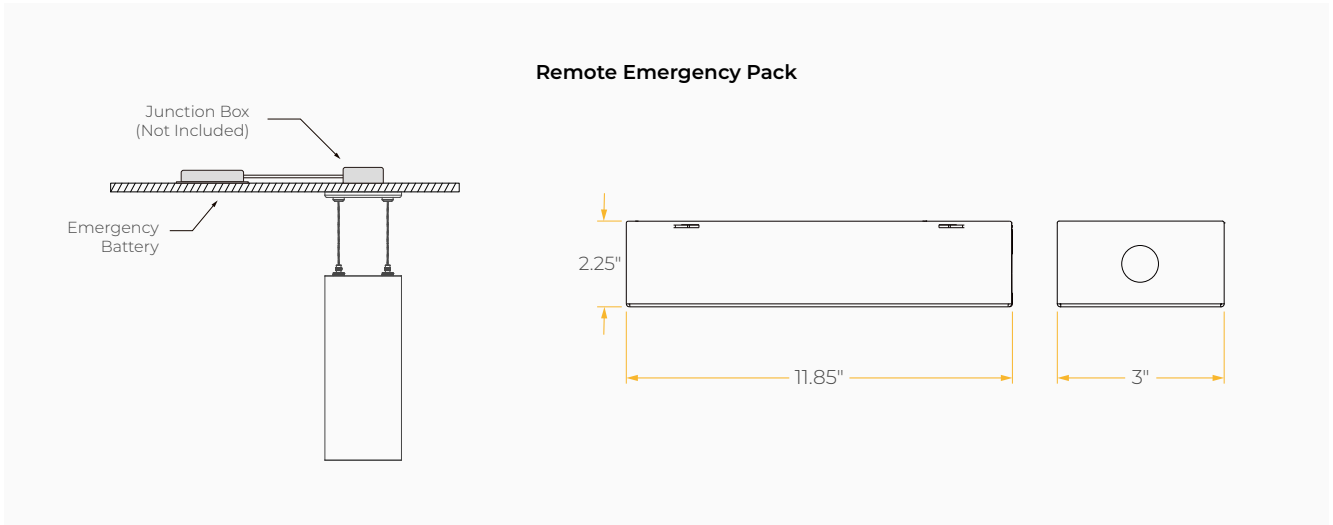
**COMPATIBLE TRC DIMMER LIST**

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**

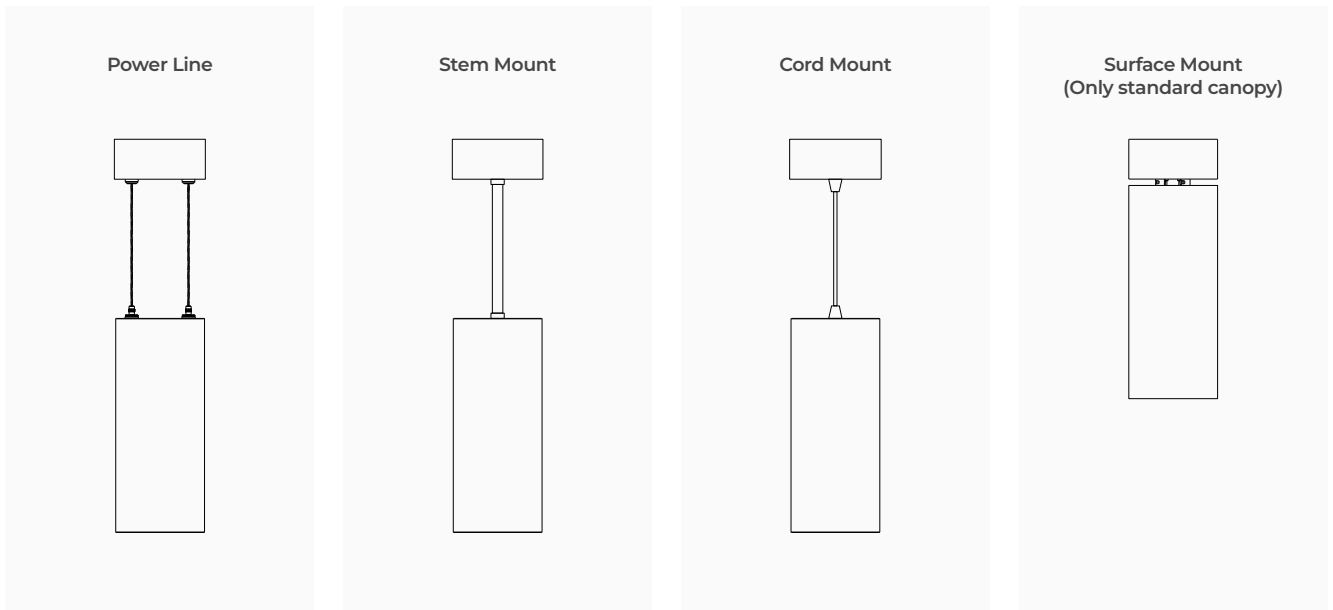


**DIMENSIONS**



**MOUNTING OPTIONS**

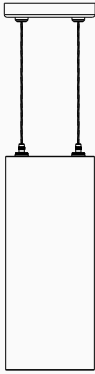
*\*Standard Driver-In Canopy Mounting Options*



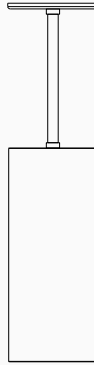
**REMOTE POWER CANOPY MOUNTING OPTIONS**

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Power Line



Stem Mount



Cord Mount

