# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

## Knife Edge Cove Fixture



- Fixture designed for pre-exisiting coves
- Proprietary asymmetric optic delivers exceptional illumination across the ceiling with strong peak intensity
- Fine-tune the light direction with three aiming positions
- Easy to install

| 1 PRODUCT | 2 WATTS/FT | 3 CCT | 4 RATED | 5 OPTICS | 6 SECONDARY OPTICS | 7 WIRE INPUT/ OUTPUT | 8 CONNECTOR /WIRE IN | 9 CONNECTOR /WIRE OUT | 10 WIRE TYPE | 11 MOUNTING | 12 FINISH | 13 LENGTH (IN) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QV-P-STAND-DW | | | DRY | ASYM | | | | | | PLC | ST | |

Sample Part Number: **QV-P-STAND-DW-2.5HE-20/27-DRY-ASYM-N/A-S4B-CON6-CLS-CL2-PLC-ST-36.16"**

### 1 PRODUCT

**QV-P-STAND-DW**
Constant Voltage

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

### 2 WATTS/FT

**1.5HE** 1.5W/ft HE
**2.5HE** 3.0W/ft HE
**4.0HE** 4.0W/ft HE

### 3 CCT

**18/30** 1800K/3000K
**18/35** 1800K/3500K
**20/27** 2000K/2700K
**20/30** 2000K/3000K
**24/40** 2400K/4000K
**27/40** 2700K/4000K
**27/55** 2700K/5500K

### 4 RATED

**DRY** IP20

### 5 OPTICS

**ASYM** Asymmetric

### 6 SECONDARY OPTICS

**N/A** No Secondary Optic
**FR** Frosted

### 7 WIRE INPUT/OUTPUT

**S4A** Single (Input only) - Front Feed-Left Side
**S4B** Single (Input only) - Front Feed-Right Side

**P4A** Pass Through (Input/output) - Front Feed-Left Side
**P4B** Pass Through (Input/output) - Front Feed-Right Side

### 8 CONNECTOR/WIRE IN

**BW** Bare Wire (Standard 24")
**CON6** Connector 6"
**CON24** Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

**BW** Bare Wire (Standard 24")
**CON6** Connector 6"
**CON24** Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

### 9 CONNECTOR/WIRE OUT

**CLS** Closed End (No Feed)

**BW** Bare Wire (Standard 24")
**CON6** Connector 6"
**CON24** Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

### 10 WIRE TYPE

**CL2** Class2
**CL2P** Plenum Rated

CL2P only available with bare wire leads (BW)

### 11 MOUNTING

**PLC** Plastic Clip

### 12 FINISH

**ST** Satin

### 13 LENGTH (IN)

**12.16"-98.16"**

2" increments
Lengths for modules should be an even number and end in 0.16" to allow for end caps.
Fixture length min 12", Tolerance +0 – 1/8".
Consult factory for lengths under 12"

Ordering options continued on next page

5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies

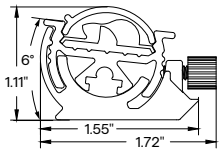
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Specification subject to change. Rev-11-09-26

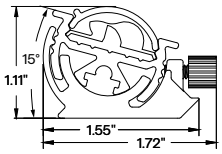
# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

Knife Edge Cove Fixture

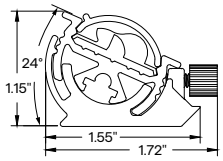
## 1 PRODUCT - DIMENSIONS



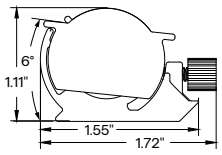

Profile of Light Module at 6 degrees



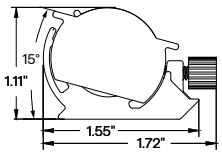

Profile of Light Module at 15 degrees



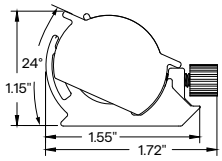

Profile of Light Module at 24 degrees




Profile of Light Module at 6 degrees with End Cap




Profile of Light Module at 15 degrees with End Cap




Profile of Light Module at 24 degrees with End Cap

## 5 OPTICS

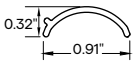


ASYM - Asymmetric lens

## 6 SECONDARY OPTIC

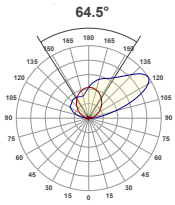


Frosted

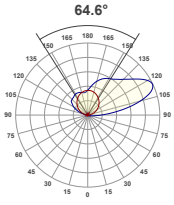



## OPTICS

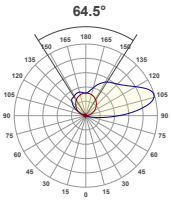
Nominal beam spreads shown, beam spread varies based on light engine.
For more detailed information, see photometric data.
Optics examples shown QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-**-**-**-**-**-**-**-**




ASYM at 6 degrees

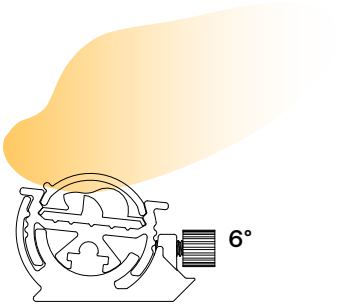


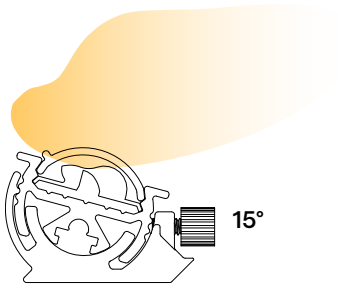

ASYM at 15 degrees

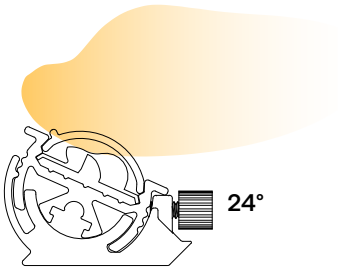



ASYM at 24 degrees

## LIGHT MODULE CONFIGURATION OPTIONS




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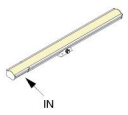
# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

Knife Edge Cove Fixture

## B7 WIRE INPUT/OUTPUT

**ASYMMETRIC ONLY SINGLE (Input)**

**S4A**




Front Feed - Left Side

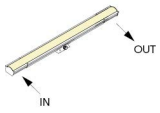
**S4B**




Front Feed - Right Side

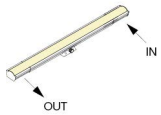
**ASYMMETRIC ONLY PASS THROUGH (Input/Output)**

**P4A**




Front Feed - Left Side

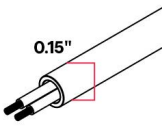
**P4B**




Front Feed - Right Side

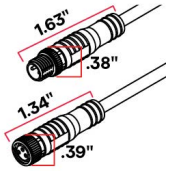
## B8/B9 CONNECTOR/WIRE – IN/OUT

**BW**




Bare Wire 24"
22 AWG

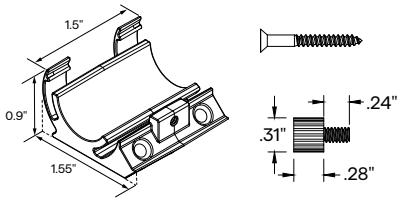
**CON6/CON24**




6" or 24" Overall
Wire Connector | 22 AWG
UL Listed

## 11 LIGHT MODULE MOUNTING

**PLC**




Standalone Mounting Screw
No.4 x 1" Long, Phillips Flat Head Wood Screw
Offered 2 per Plastic Clip

Knurled Head Thumb Screw
Pre-installed to Plastic Clip

Light Module Mounting Clip
2 pcs for each fixture less than 5'
3 pcs for each fixture longer than 5'

## 12 FINISH

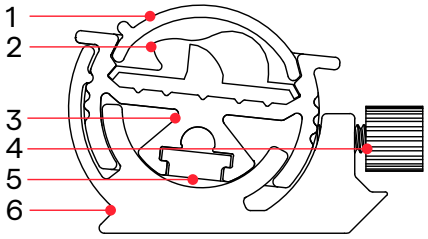
Satin

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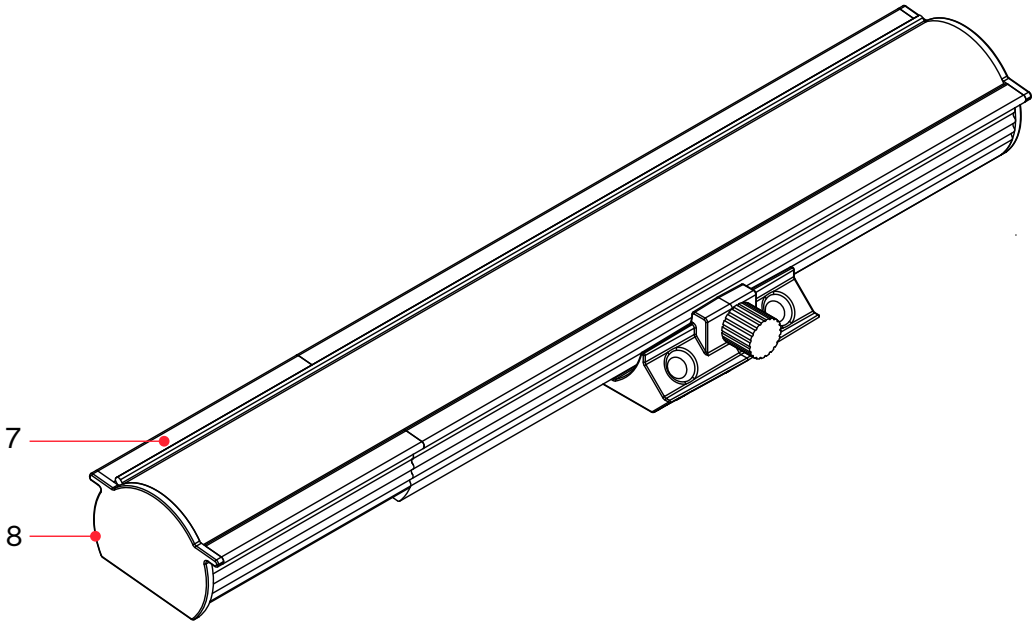
# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

Knife Edge Cove Fixture

## ASSEMBLY




1. Secondary Optic (Dust Cover)
2. Optic
3. Light Module
4. Locking Screw
5. Inline Bracket
6. Plastic Clip
7. Seamless Connector
8. Endcap




## TECHNICAL INFORMATION

[Calculated L70 = 70000 hrs]
Tested with QV-P-STAND-**-**-20/30-DRY-ASYM

| With Dust Cover | | | | | | |
|---|---|---|---|---|---|---|
| DW-HE | 1.5HE W/FT | | 2.5HE W/FT | | 4.0HE W/FT | |
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| 6° | 118 | 98 | 178 | 98 | 259 | 98 |
| 15° | 118 | 98 | 178 | 98 | 259 | 98 |
| 24° | 117 | 98 | 178 | 98 | 258 | 98 |

| DW-HE CCT Multiplier | |
|---|---|
| 2000K | 0.86 |
| 2700K | 0.99 |
| 3000K | 1.00 |
| 4000K | 1.08 |
| 5500K | 1.14 |

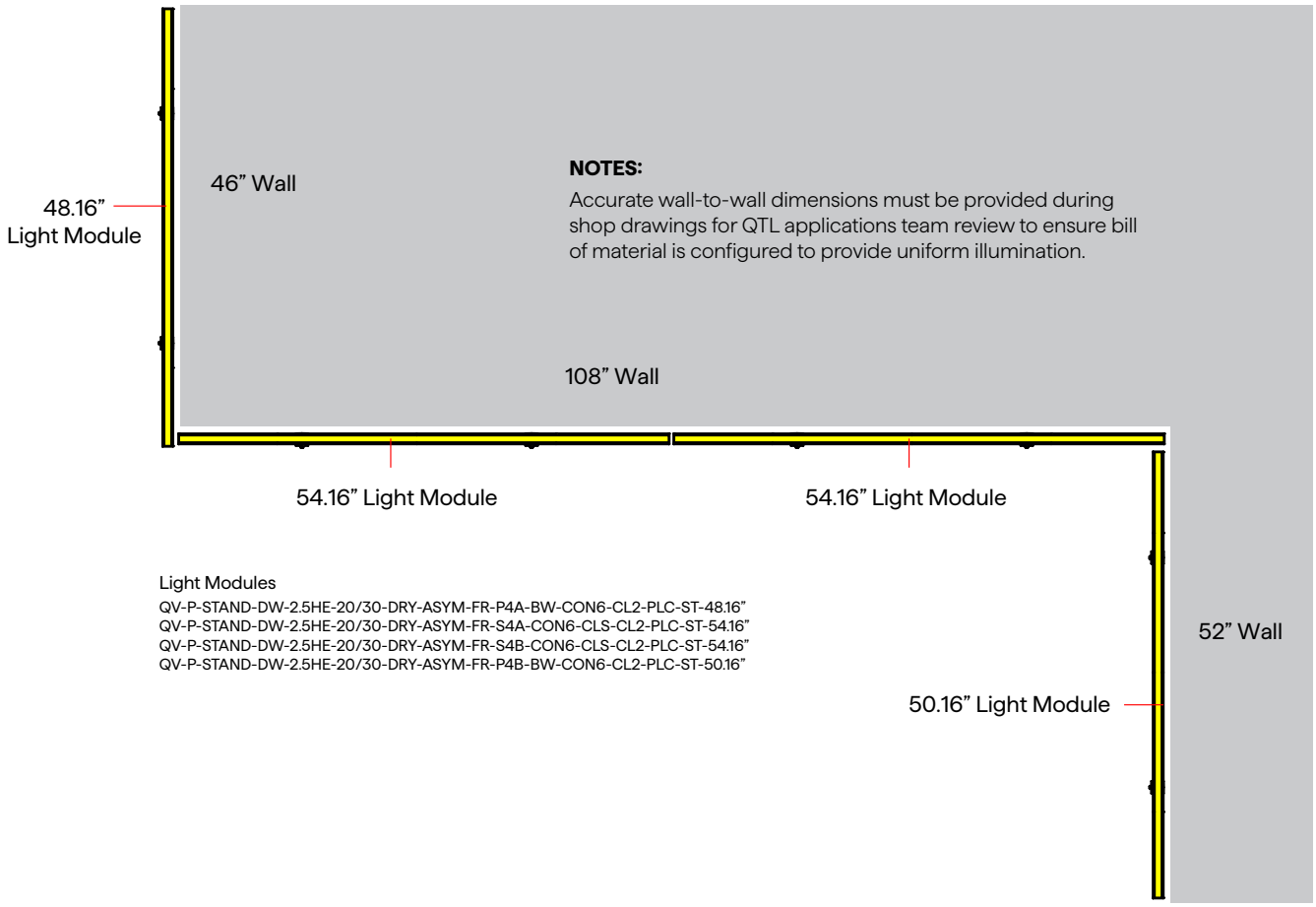
| Without Dust Cover | | | | | | |
|---|---|---|---|---|---|---|
| DW-HE | 1.5HE W/FT | | 2.5HE W/FT | | 4.0HE W/FT | |
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| 6° | 128 | 98 | 194 | 98 | 284 | 98 |
| 15° | 129 | 98 | 194 | 98 | 284 | 98 |
| 24° | 128 | 98 | 194 | 98 | 283 | 98 |

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# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

Knife Edge Cove Fixture

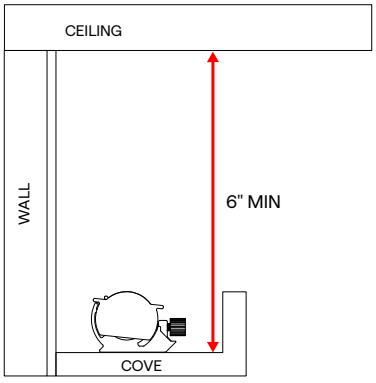
## ORDER EXAMPLE



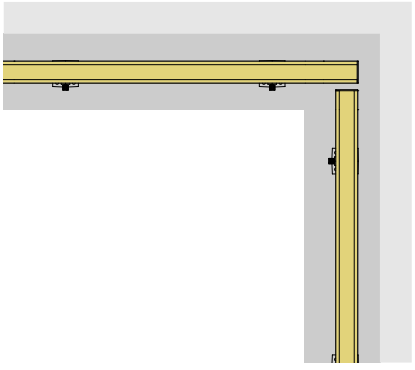

Light Modules

QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-FR-P4A-BW-CON6-CL2-PLC-ST-48.16”
QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-FR-S4A-CON6-CLS-CL2-PLC-ST-54.16”
QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-FR-S4B-CON6-CLS-CL2-PLC-ST-54.16”
QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-FR-P4B-BW-CON6-CL2-PLC-ST-50.16”

## QTL RECOMMENDATIONS




For optimal lighting we suggest installing fixture 6"MIN from the height of the ceiling



Recommend fixtures meeting end-to-side in corners (Top View)

| Maximum Recommended Length Table | |
|---|---|
| Constant Voltage | |
| Wattage | Max Run (in) |
| 1.5HE | 768 |
| 2.5HE | 384 |
| 4.0HE | 128 |

*Maximum length assuming 96W class 2 power supply

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# QUOVA PERFORMANCE STANDALONE TUNABLE APPLICATIONS

Knife Edge Cove Fixture

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR |
|---|---|
| | DW-HE Tunable Applications |
| 0.1% | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW<br>QZ-DMX |
| 1% | QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with TW App Dongle |

| DIMMING PROTOCOL | INDOOR |
|---|---|
| | DW-HE Tunable Applications |
| 0-10V | QT-CAB-eLED+TW<br>QTM-eLED+TW |
| Lutron Athena | QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8-AWN |
| **DMX**<br>LED wattage must be doubled for DW-HE products | QZ-DMX |
| **DALI-2: DT6**<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6 |
| **DALI-2: DT8**<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QZ-DALI-DT8 |
| SCENE App Dimmed | Non-Dim Power Supply with TW App Dongle |

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# QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

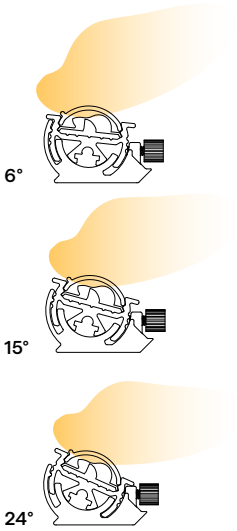
**ATTENTION: Please read all instructions BEFORE installation**

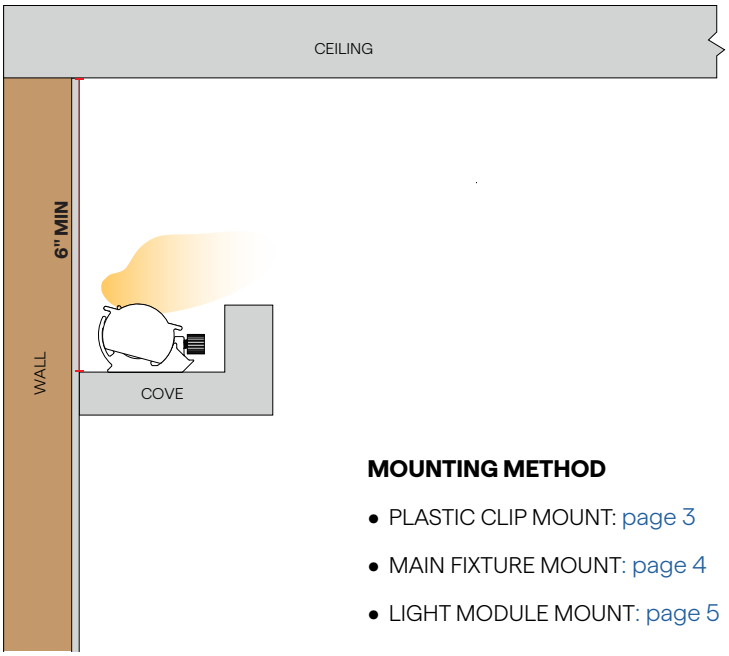
- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Compatible for use with QTL power supplies
- Fixture with pre-installed rotatable Plastic Clip, to be installed in existing coves
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.



## METHODS OF INSTALLATION

LIGHT MODULE CONFIGURATION OPTIONS



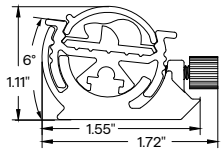

### MOUNTING METHOD

- PLASTIC CLIP MOUNT: page 3
- MAIN FIXTURE MOUNT: page 4
- LIGHT MODULE MOUNT: page 5

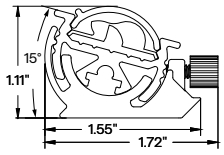
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# QUOVA PERFORMANCE - STANDALONE

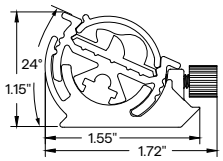
Performance Cove Fixture



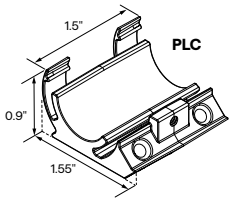

Profile of Light Module
at 6 degrees



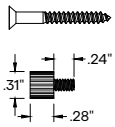

Profile of Light Module
at 15 degrees




Profile of Light Module
at 24 degrees



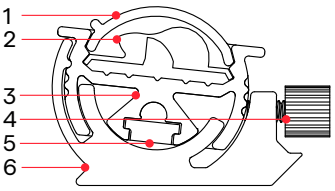

Light Module Mounting Clip
2 pcs for each fixture less than 5'
3 pcs for each fixture longer than 5'




Standalone Mounting Screw
No.4 x 1" Long, Phillips Flat
Head Wood Screw
Offered 2 per Plastic Clip

Knurled Head Thumb Screw
Pre-installed to Plastic Clip

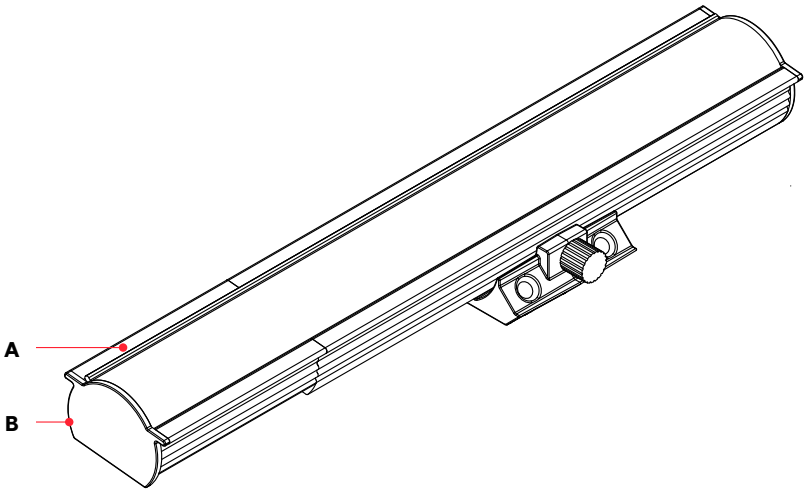
## COMPONENTS & HARDWARE



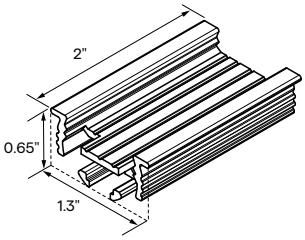

1. Secondary Optic (Dust Cover)
2. Optic
3. Light Module
4. Locking Screw
5. Inline Bracket
6. Plastic Clip

**A** - **Seamless Connector**: Use at the end of fixture for wires to come out and pass through below the fixture

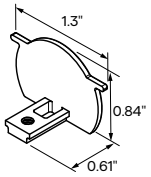
**B** - **Endcap**: used to close the end of the fixture housing extrusion




**A** - Seamless Connector




**B** - Endcap



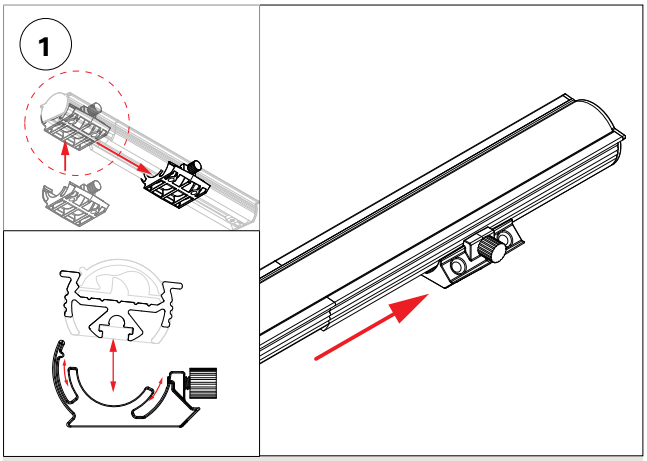



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# QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

MOUNTING METHOD: **PLASTIC CLIPS**




- Snap in plastic clips from the bottom of the seamless connector, then slide them to the fixture's main body.
- Insert 2 clips for fixtures shorter than 5',
  Insert 3 clips for fixtures longer than 5'

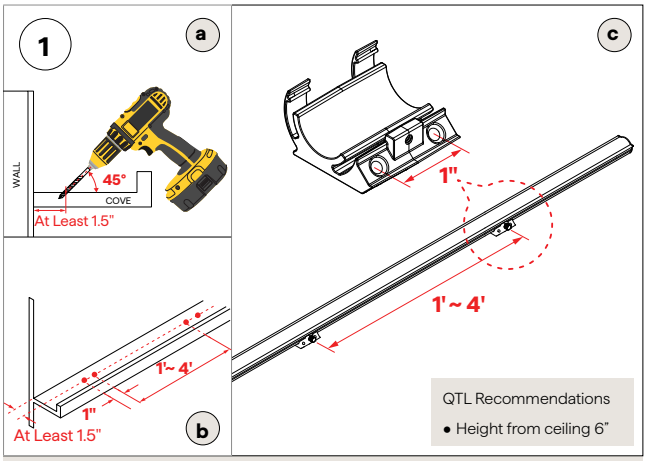


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# QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

MOUNTING METHOD: **MAIN FIXTURE MOUNT**

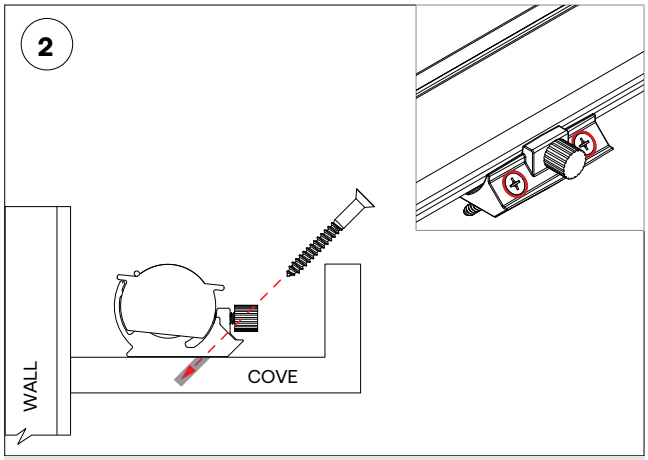



**Pre-Drill Pilot Holes For #4 Screws:**

**a:** Draw a reference line to be at least 1.5" Far from the back wall.

**b:** Plastic clips should be between 1' and 4' from each other and located towards the center of the fixture length.

**c:** On the reference line, pre-drill two 45° pilot holes at a 1" spacing for each plastic clip.

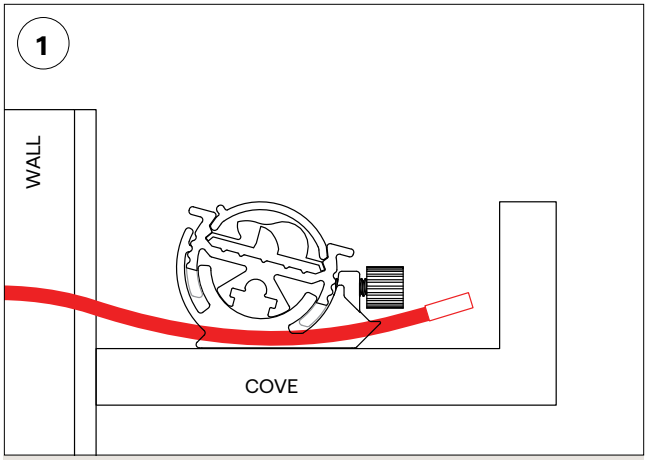



- Slide and move the plastic clip to match the pilot hole positions, then install mounting screws at 45° angle.

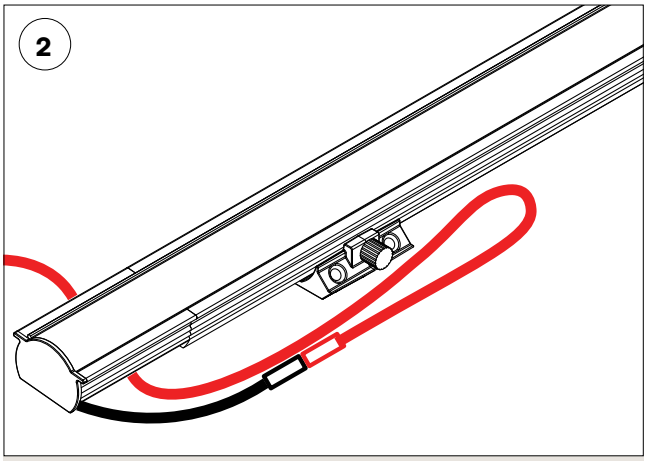


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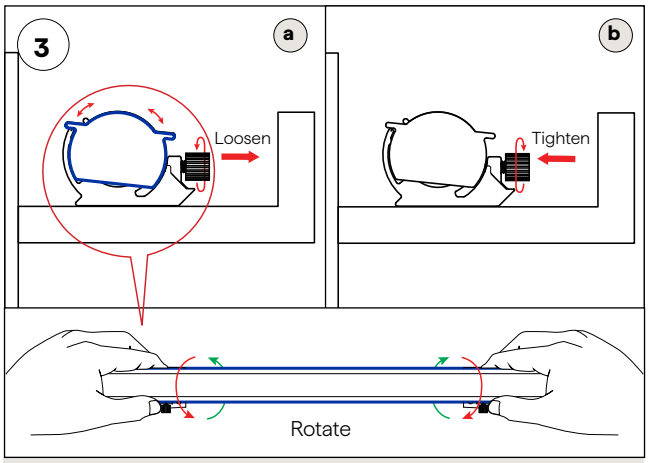
MOUNTING METHOD: **LIGHT MODULE MOUNT**




Run the power supply wire **only under** the seamless connector.



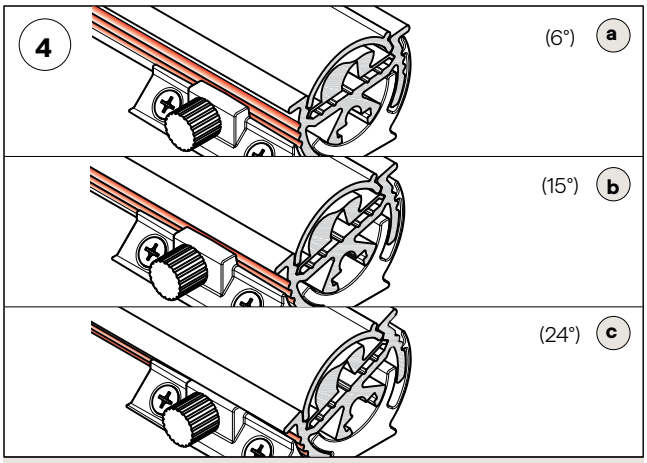

Make the wire connection to the light module wires.




**Adjust Rotate Angles:**

**a.** Loosen the thumb screw and press on the inner fixture's flanges to rotate.

**b.** Tighten the thumb screw to lock the fixture.




**Adjust the light module to the desired position:**
Using The Plastic Clip's shoulder and the Light Module's grooves as visual reference

**a.** Light module at 6 degrees (6°).

**b.** Light module at 15 degrees (15°).

**c.** Light module at 24 degrees (24°).



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