# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

## 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-SW | | | DRY | ASYM | | | | | | PLC | ST | |

Sample Part Number: **QV-P-STAND-SW-9.0HE-30-DRY-ASYM-N/A-S4B-CON6-CLS-CL2-PLC-ST-36.16"**

### 1 PRODUCT

**QV-P-STAND-SW**
Constant Voltage
1 STEP

### 2 WATTS/FT

| | |
|---|---|
| **1.5HE** | 1.5W/ft HE |
| **3.0HE** | 3.0W/ft HE |
| **6.0HE** | 6.0W/ft HE |
| **9.0HE** | 9.0W/ft HE |

### 3 CCT

| | |
|---|---|
| **18** | 1800K |
| **20** | 2000K |
| **22** | 2200K |
| **24** | 2400K |
| **27** | 2700K |
| **30** | 3000K |
| **35** | 3500K |
| **40** | 4000K |

95+ CRI on 22-40K CCTs
90+ CRI on 20K CCT

### 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

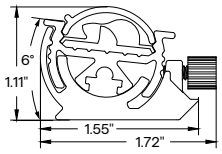
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Specification subject to change. Rev-11-09-26

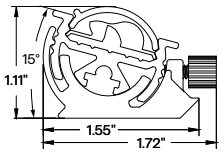
# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

Knife Edge Cove Fixture

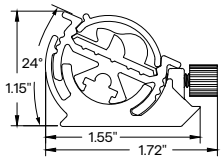
## 1 PRODUCT - DIMENSIONS



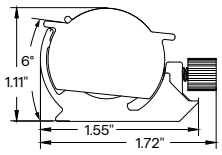

Profile of Light Module at 6 degrees



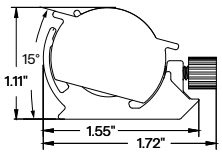

Profile of Light Module at 15 degrees



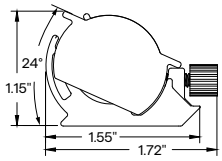

Profile of Light Module at 24 degrees




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

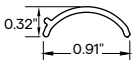


ASYM - Asymmetric lens

## 6 SECONDARY OPTIC

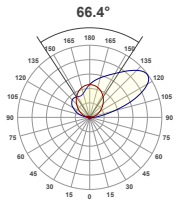


Frosted

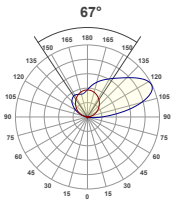



## OPTICS

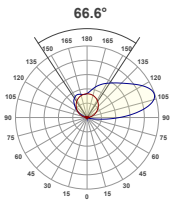
Nominal beam spreads shown, beam spread varies based on light engine.
For more detailed information, see photometric data.
Optics examples shown QV-P-STAND-SW-6.0HE-30-DRY-ASYM-**-**-**-**-**-**-**-**




ASYM at 6 degrees

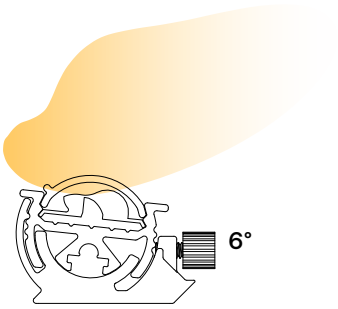


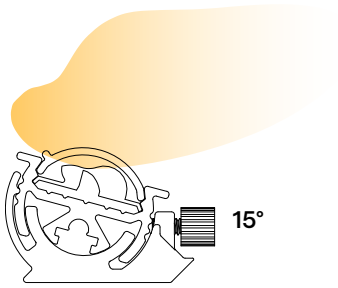

ASYM at 15 degrees

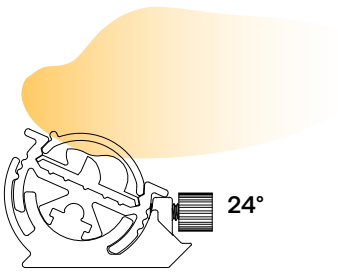



ASYM at 24 degrees

## LIGHT MODULE CONFIGURATION OPTIONS




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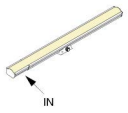
# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

Knife Edge Cove Fixture

## B7 WIRE INPUT/OUTPUT

**ASYMMETRIC ONLY SINGLE (Input)**

**S4A**




Front Feed - Left Side

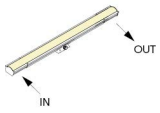
**S4B**




Front Feed - Right Side

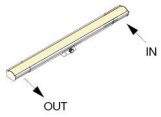
**ASYMMETRIC ONLY PASS THROUGH (Input/Output)**

**P4A**




Front Feed - Left Side

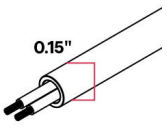
**P4B**




Front Feed - Right Side

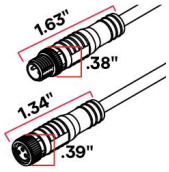
## B8/B9 CONNECTOR/WIRE – IN/OUT

**BW**




Bare Wire 24"
22 AWG

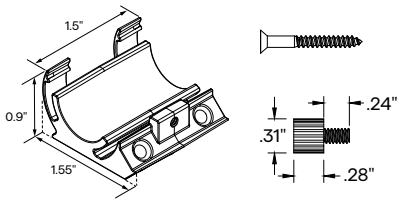
**CON6/CON24**




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

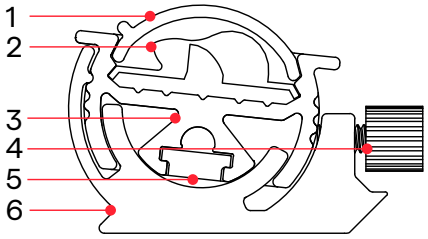
Satin

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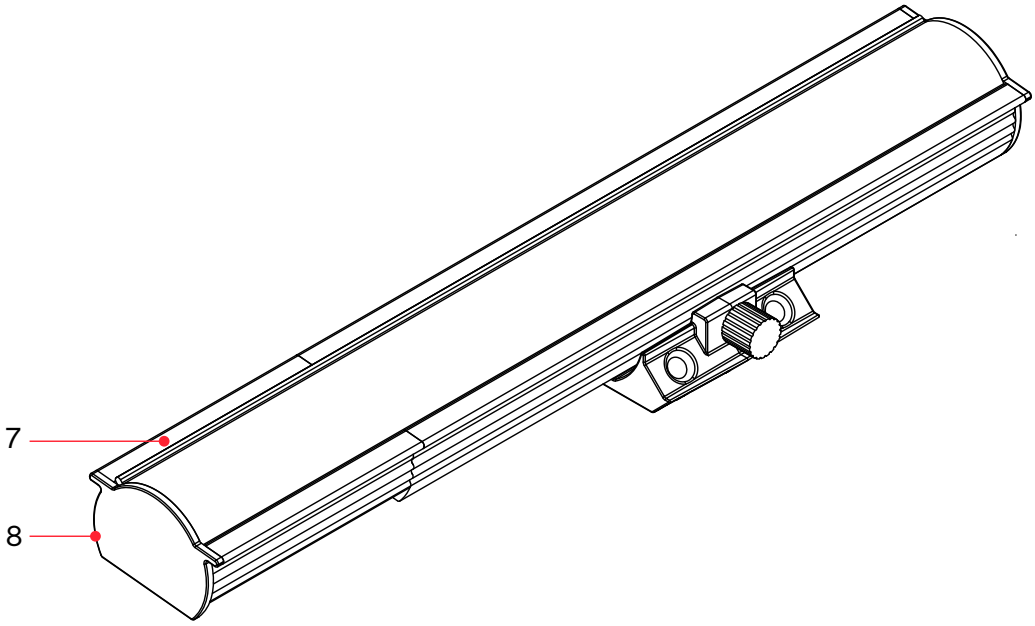
# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

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-SW-30-DRY-ASYM-**-**-**-**-**-**-**-**

| With Dust Cover | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SW-HE | 1.5HE W/FT | | 3.0HE W/FT | | 6.0HE W/FT | | 9.0HE W/FT | |
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| 6° | 129 | 98 | 237 | 98 | 527 | 98 | 744 | 98 |
| 15° | 129 | 98 | 242 | 98 | 525 | 98 | 746 | 98 |
| 24° | 129 | 98 | 241 | 98 | 523 | 98 | 742 | 98 |

| Without Dust Cover | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SW-HE | 1.5HE W/FT | | 3.0HE W/FT | | 6.0HE W/FT | | 9.0HE W/FT | |
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| 6° | 141 | 98 | 269 | 98 | 577 | 98 | 808 | 98 |
| 15° | 140 | 98 | 265 | 98 | 573 | 98 | 819 | 98 |
| 24° | 139 | 98 | 266 | 98 | 571 | 98 | 817 | 98 |

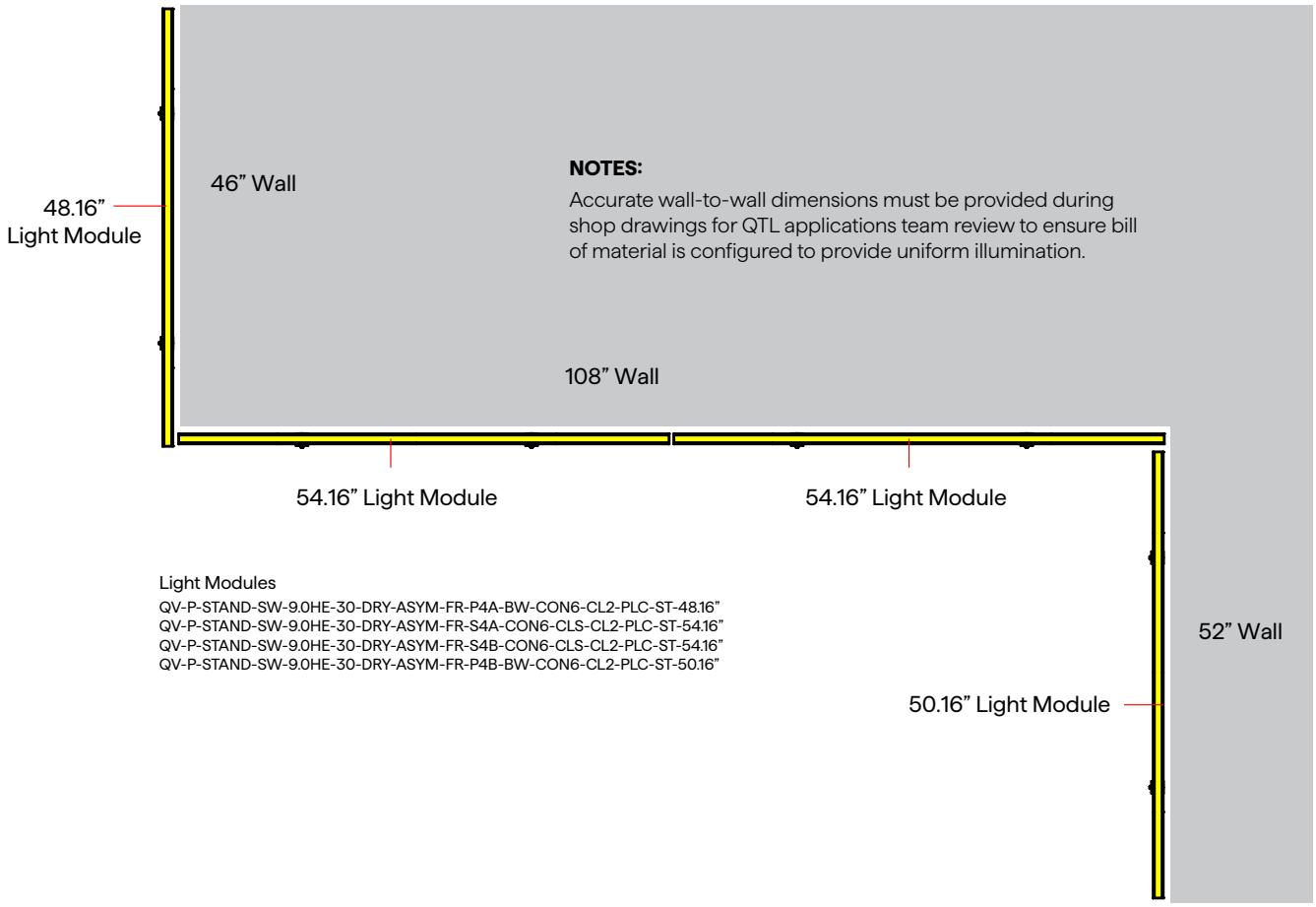
| SW-HE CCT Multiplier | |
|---|---|
| 1800K | ** |
| 2000K | 0.87 |
| 2200K | 0.88 |
| 2400K | 0.93 |
| 2700K | 0.99 |
| 3000K | 1.00 |
| 3500K | 1.08 |
| 4000K | 1.09 |

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# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

Knife Edge Cove Fixture

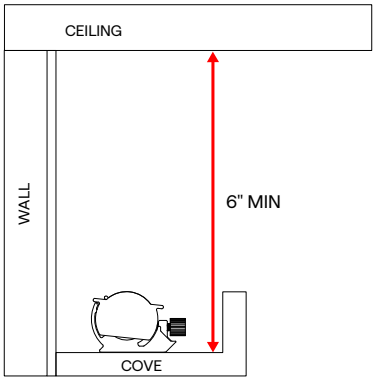
## ORDER EXAMPLE



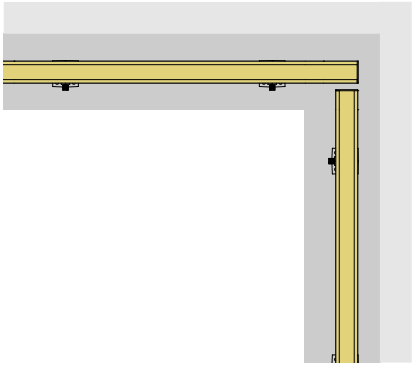

Light Modules

QV-P-STAND-SW-9.0HE-30-DRY-ASYM-FR-P4A-BW-CON6-CL2-PLC-ST-48.16”
QV-P-STAND-SW-9.0HE-30-DRY-ASYM-FR-S4A-CON6-CLS-CL2-PLC-ST-54.16”
QV-P-STAND-SW-9.0HE-30-DRY-ASYM-FR-S4B-CON6-CLS-CL2-PLC-ST-54.16”
QV-P-STAND-SW-9.0HE-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 |
| 3.0HE | 384 |
| 6.0HE | 192 |
| 9.0HE | 128 |

*Maximum length assuming 96W class 2 power supply

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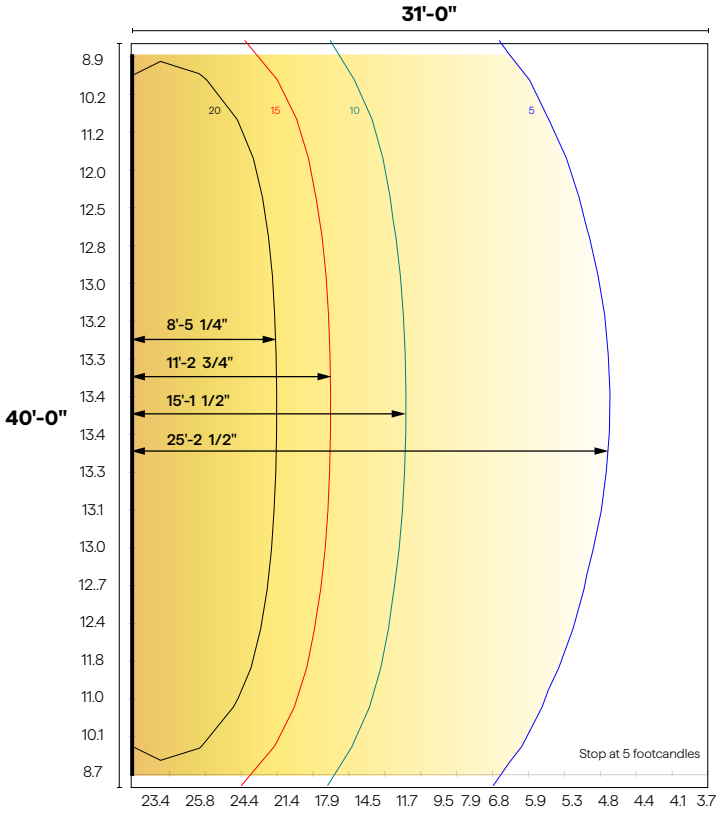
# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

Knife Edge Cove Fixture

## COVE LIGHT AT 12″ BELOW CEILING

## PERFORMANCE AT WORKPLANE 2’-6” AFF

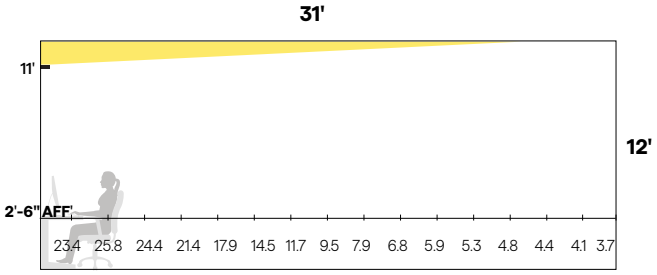
QV-P-STAND-SW-9.0HE-30-DRY-ASYM-N/A-24°




| Calculation Summary | | | | | | | |
|---|---|---|---|---|---|---|---|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| Quova-24_Workplane | Illuminance | Fc | 12.02 | 28.8 | 3.0 | 4.01 | 9.60 |

**Reflectance and dimensions:**

- Floor (0.2)
- Walls (0.5)
- Ceiling (0.8)
- Ceiling Height: 12'-0"
- Mounting Height: 11'-0"
- Point Spacing: 2'-0"
- Calculation Points Location: Workplane 2'-6" AFF




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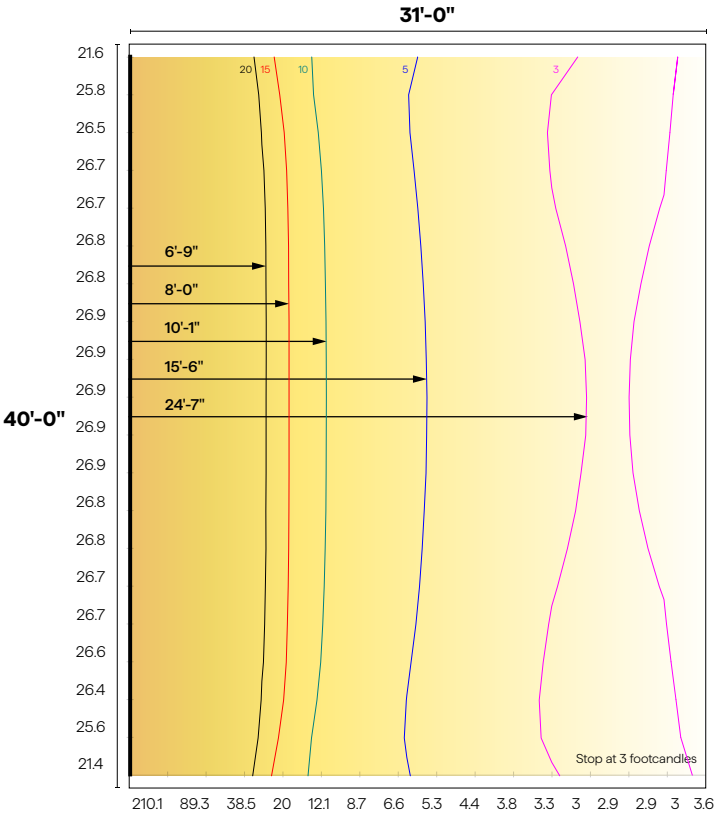
# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

Knife Edge Cove Fixture

## COVE LIGHT AT 12″ BELOW CEILING

## PERFORMANCE AT CEILING

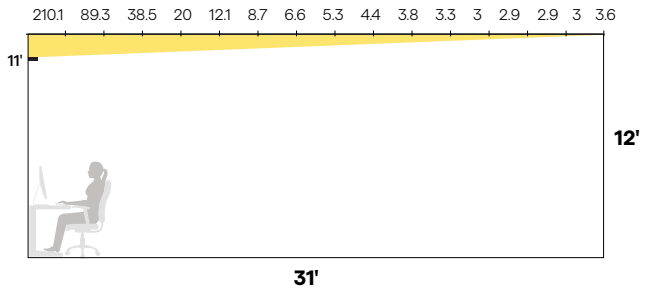
QV-P-STAND-SW-9.0HE-30-DRY-ASYM-N/A-24°




| Calculation Summary | | | | | | | |
|---|---|---|---|---|---|---|---|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| Quova-24_Ceiling | Illuminance | Fc | 26.1 | 215.2 | 2.7 | 9.7 | 79.7 |

**Reflectance and dimensions:**

- Floor (0.2)
- Walls (0.5)
- Ceiling (0.8)
- Ceiling Height: 12'-0"
- Mounting Height: 11'-0"
- Point Spacing: 2'-0"
- Calculation Points Location: Ceiling




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# QUOVA PERFORMANCE STANDALONE STATIC WHITE HIGH EFFICACY

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 |
|---|---|
| | SW24/5.0, SW-HE, SW-HE+ |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH+QD1 |
| 0.1% | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP |
| 1% | Q-DIM<br>QTM-eLED(E)<br>QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle |

| DIMMING PROTOCOL | INDOOR |
|---|---|
| | SW24/5.0, SW-HE, SW-HE+ |
| Non-Dim | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND |
| Phase | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH+QD1 |
| 0-10V | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP |
| Lutron Athena | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN |
| ECO System | QTM-eLED(E) |
| DMX | QZ-DMX |
| DALI-2: DT6 | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle |

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# QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

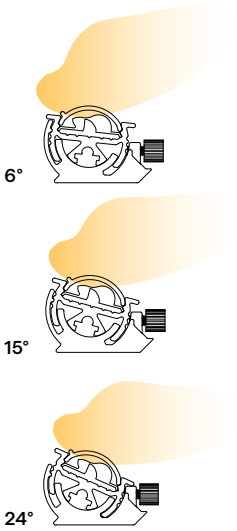
**ATTENTION: Please read all instructions BEFORE installation**

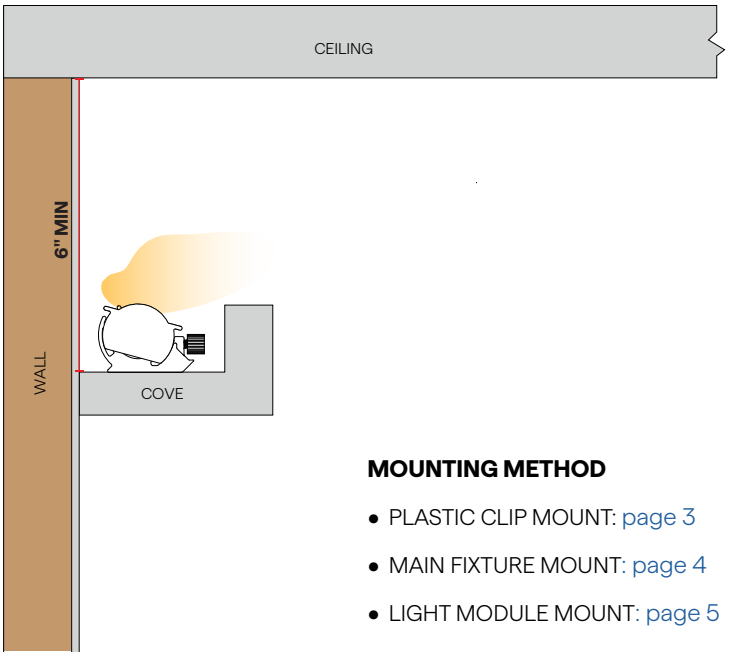
- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Compatible for use with QTL power supplies
- Fixture with pre-installed rotatable Plastic Clip, to be installed in existing coves
- Input Voltage: 24VDC
- Diagrams for representation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



## METHODS OF INSTALLATION

LIGHT MODULE CONFIGURATION OPTIONS



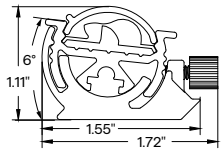

### MOUNTING METHOD

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

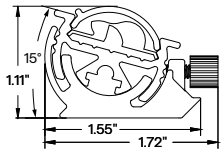
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# QUOVA PERFORMANCE - STANDALONE

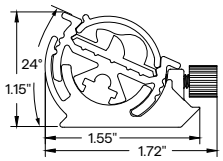
Performance Cove Fixture



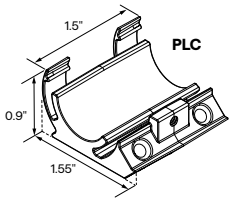

Profile of Light Module
at 6 degrees



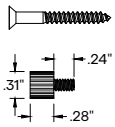

Profile of Light Module
at 15 degrees




Profile of Light Module
at 24 degrees



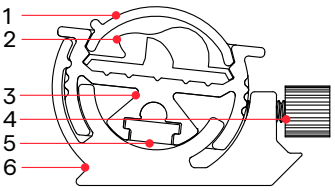

Light Module Mounting Clip
2 pcs for each fixture less than 5'
3 pcs for each fixture longer than 5'




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

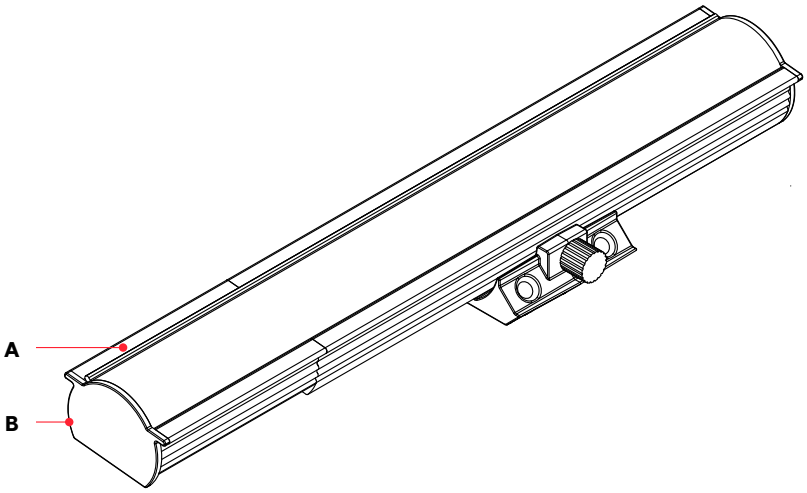
## COMPONENTS & HARDWARE



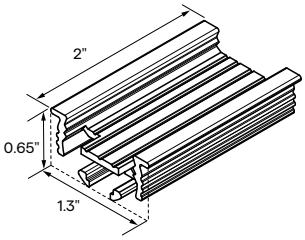

1. Secondary Optic (Dust Cover)
2. Optic
3. Light Module
4. Locking Screw
5. Inline Bracket
6. Plastic Clip

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

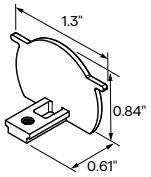
**B** - **Endcap**: used to close the end of the fixture housing extrusion




**A** - Seamless Connector




**B** - Endcap



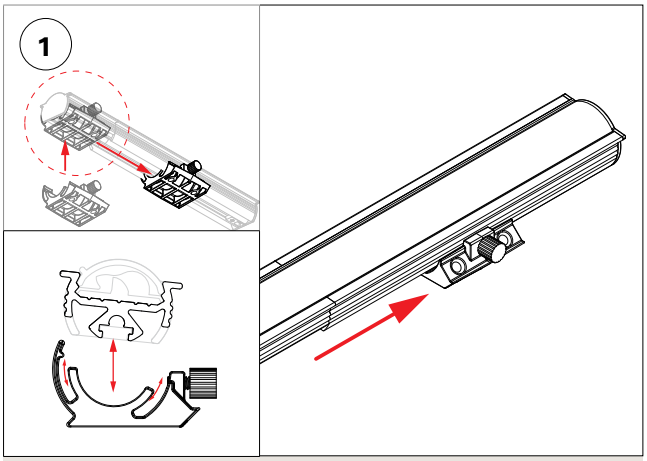



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# QUOVA PERFORMANCE - STANDALONE

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'

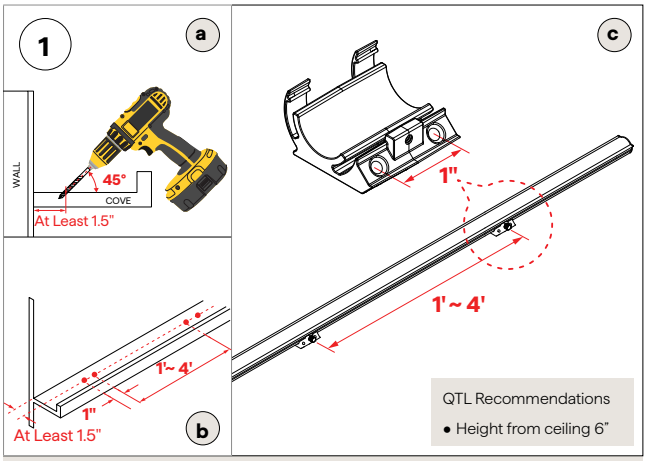


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# QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

MOUNTING METHOD: **MAIN FIXTURE MOUNT**

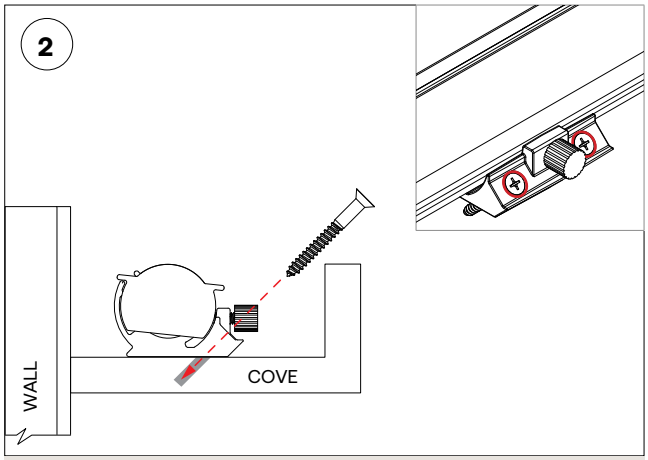



**Pre-Drill Pilot Holes For #4 Screws:**

**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.

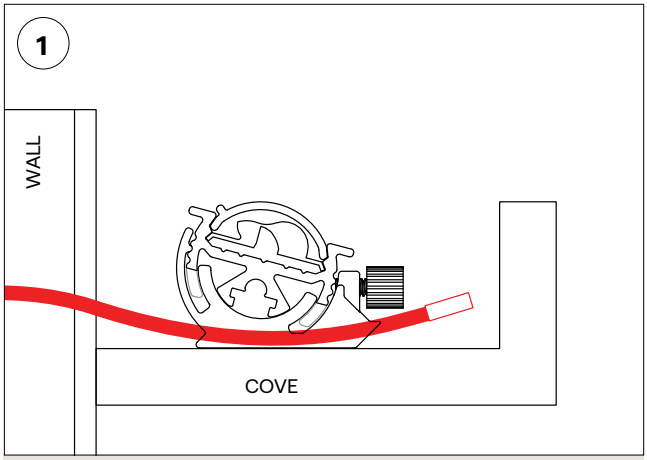



- Slide and move the plastic clip to match the pilot hole positions, then install mounting screws at 45° angle.

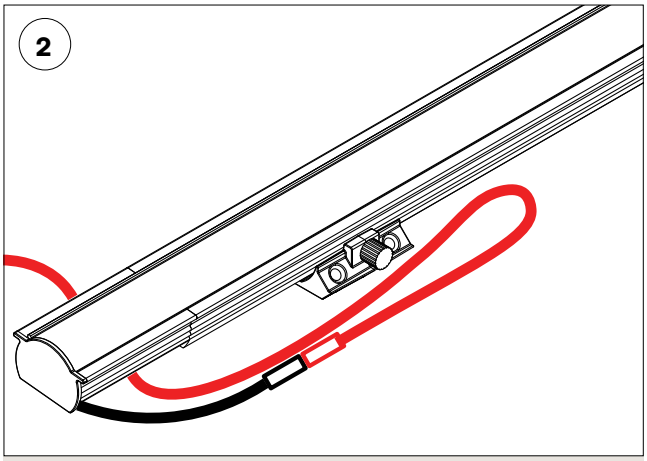


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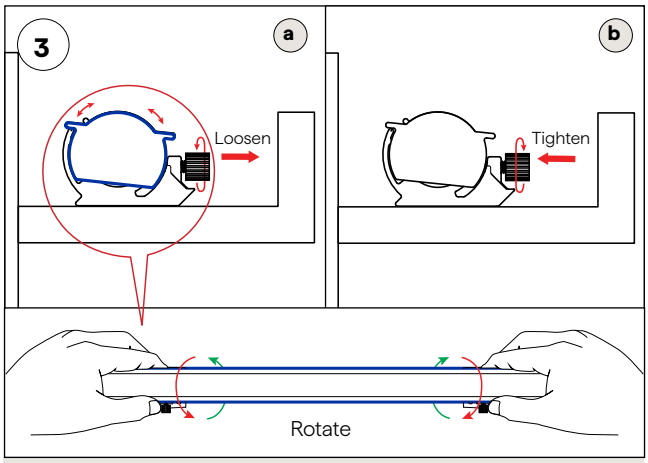
MOUNTING METHOD: **LIGHT MODULE MOUNT**




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



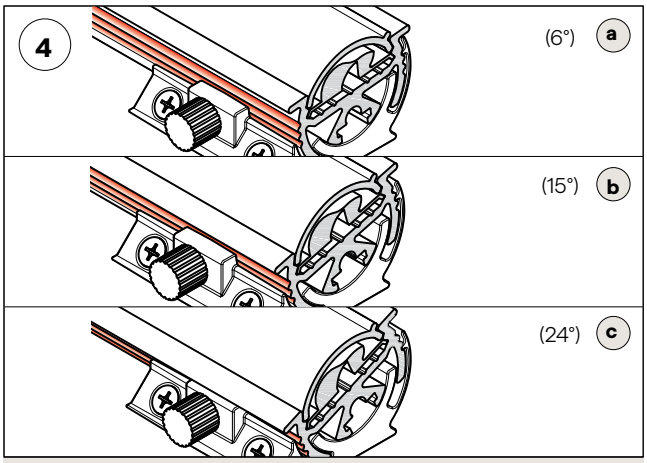

Make the wire connection to the light module wires.




**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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