QUOVA PERFORMANCE STANDALONE WARM DIM 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

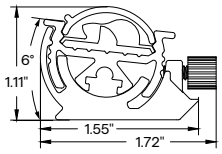
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Specification subject to change. Rev-11-09-26

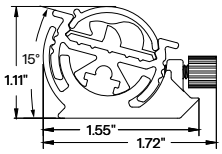
QUOVA PERFORMANCE STANDALONE WARM DIM APPLICATIONS

Knife Edge Cove Fixture

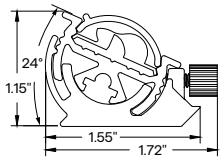
1 PRODUCT - DIMENSIONS



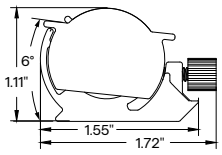
Profile of Light Module at 6 degrees



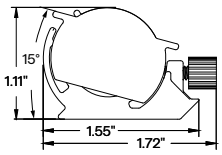
Profile of Light Module at 15 degrees



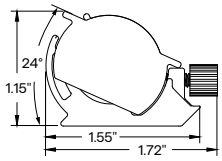
Profile of Light Module at 24 degrees



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

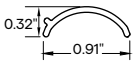


ASYM - Asymmetric lens

6 SECONDARY OPTIC

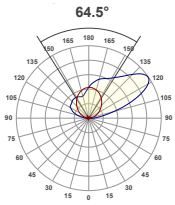


Frosted

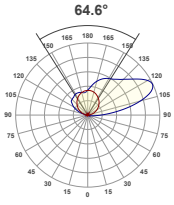


OPTICS

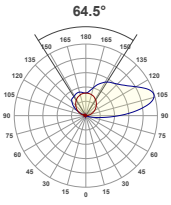
Nominal beam spreads shown, beam spread varies based on light engine.
For more detailed information, see photometric data.
Optics examples shown QV-P-STAND-DW-2.5HE-20/30-DRY-ASYM-**-**-**-**-**-**-**-**



ASYM at 6 degrees

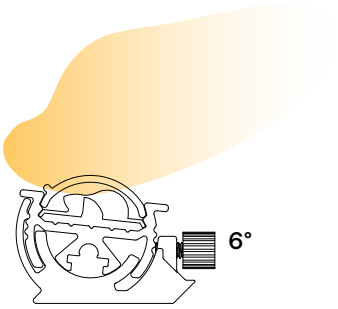


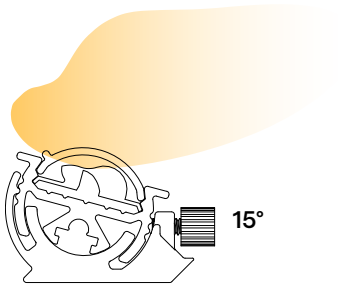
ASYM at 15 degrees

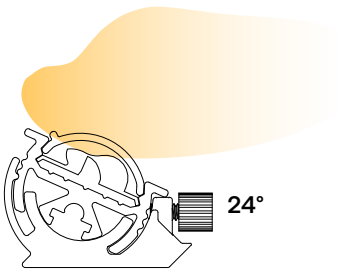


ASYM at 24 degrees

LIGHT MODULE CONFIGURATION OPTIONS







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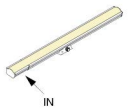
QUOVA PERFORMANCE STANDALONE WARM DIM APPLICATIONS

Knife Edge Cove Fixture

B7 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input)

S4A



Front Feed - Left Side

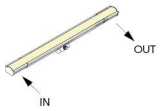
S4B



Front Feed - Right Side

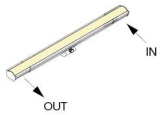
ASYMMETRIC ONLY PASS THROUGH (Input/Output)

P4A



Front Feed - Left Side

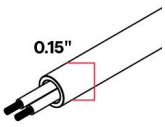
P4B



Front Feed - Right Side

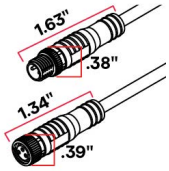
B8/B9 CONNECTOR/WIRE – IN/OUT

BW



Bare Wire 24"
22 AWG

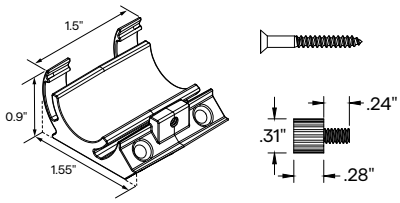
CON6/CON24



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

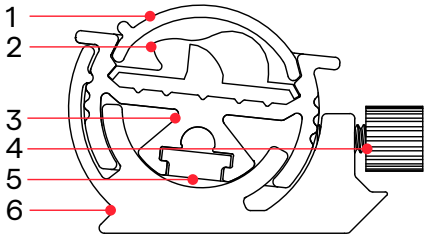
Satin

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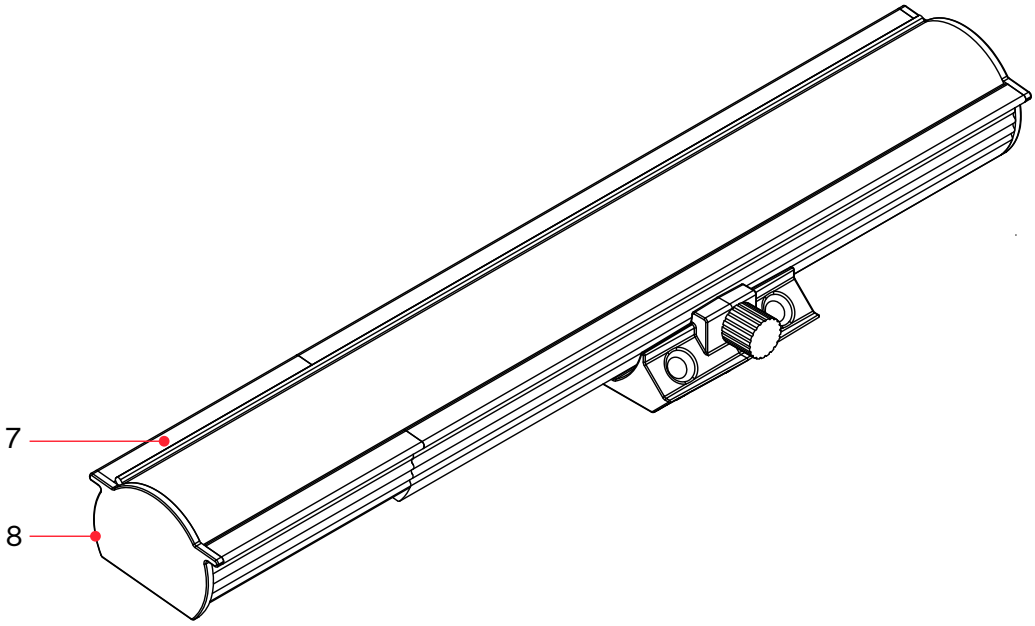
QUOVA PERFORMANCE STANDALONE WARM DIM APPLICATIONS

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

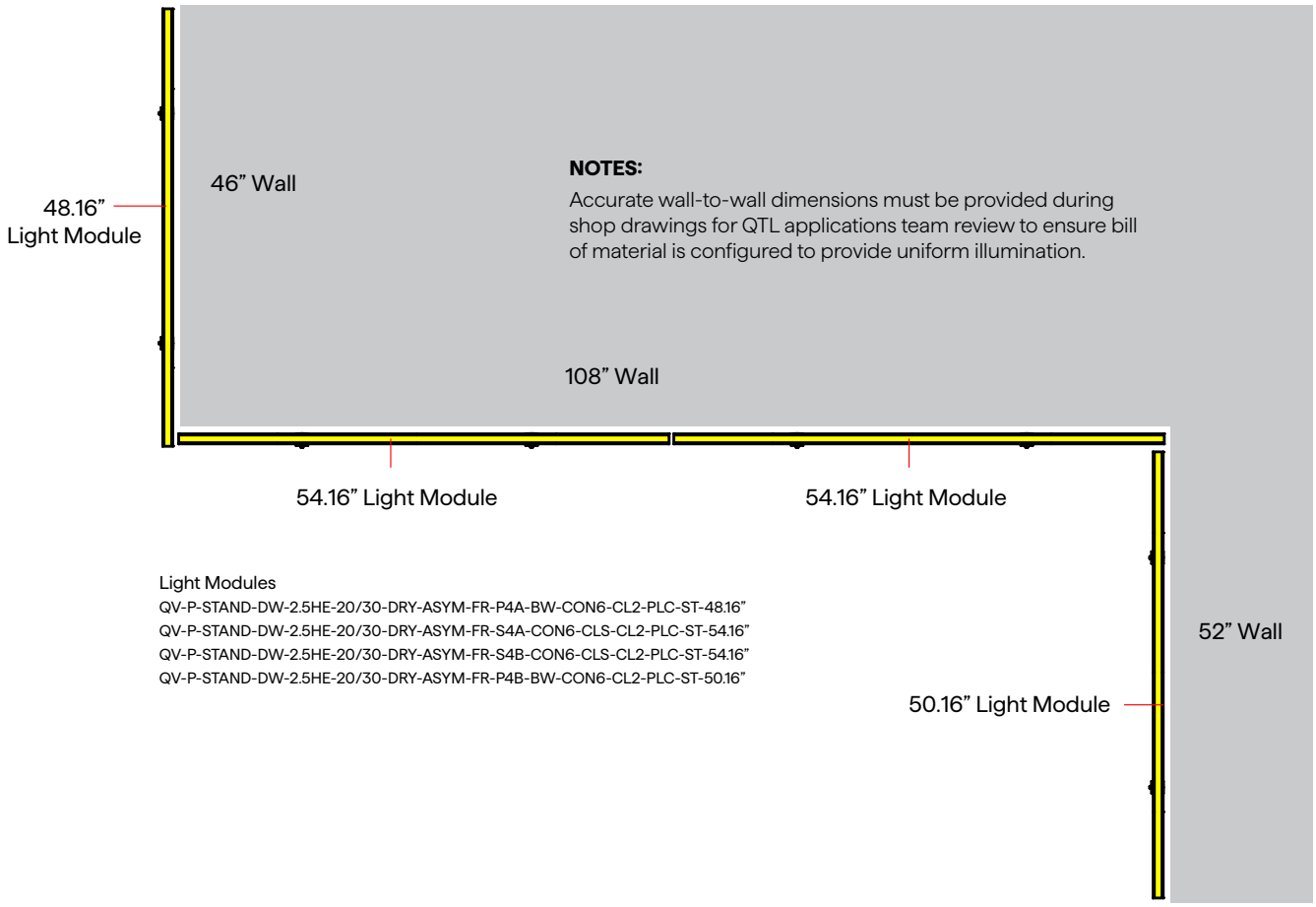
Without Dust Cover						
DW-HE	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
6°	128	98	194	98	284	98
15°	129	98	194	98	284	98
24°	128	98	194	98	283	98

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QUOVA PERFORMANCE STANDALONE WARM DIM APPLICATIONS

Knife Edge Cove Fixture

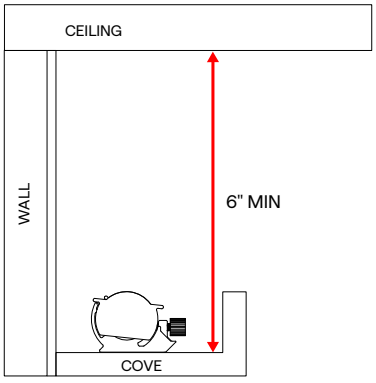
ORDER EXAMPLE



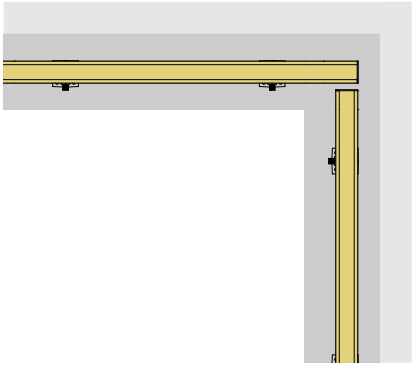
Light Modules

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 WARM DIM 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 Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle

DIMMING PROTOCOL	INDOOR
	DW-HE Warm Dim Applications
Phase	QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle

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QUOVA PERFORMANCE - STANDALONE

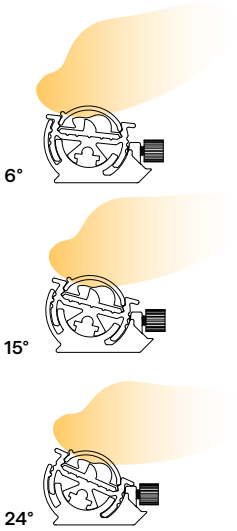
Performance Cove Fixture

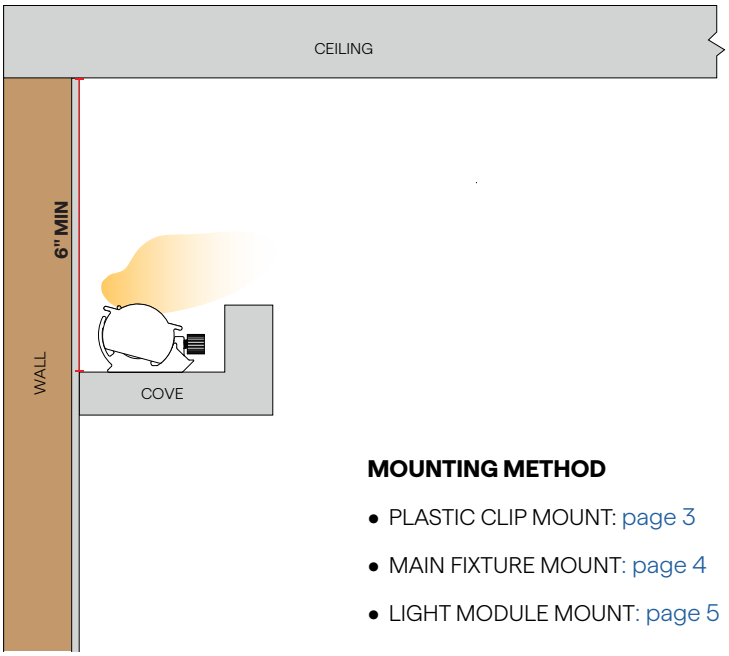
ATTENTION: Please read all instructions BEFORE installation

- 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





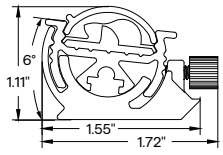
MOUNTING METHOD

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

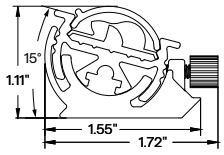
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QUOVA PERFORMANCE - STANDALONE

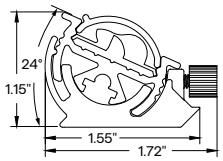
Performance Cove Fixture



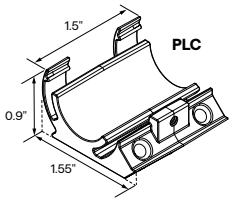
Profile of Light Module
at 6 degrees



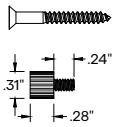
Profile of Light Module
at 15 degrees



Profile of Light Module
at 24 degrees



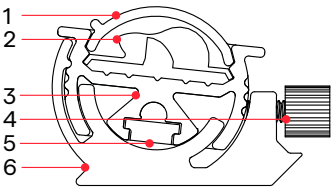
Light Module Mounting Clip
2 pcs for each fixture less than 5'
3 pcs for each fixture longer than 5'



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

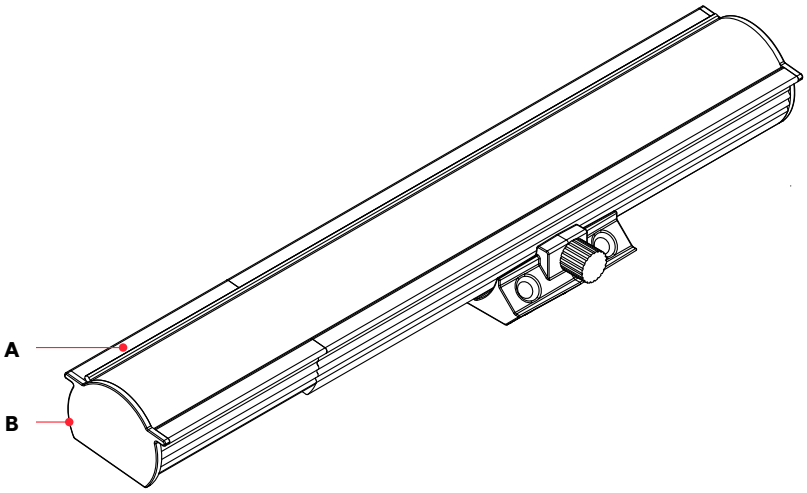
COMPONENTS & HARDWARE



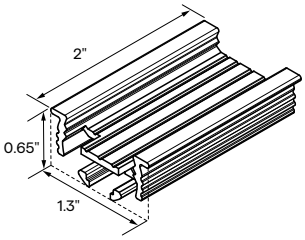
1. Secondary Optic (Dust Cover)
2. Optic
3. Light Module
4. Locking Screw
5. Inline Bracket
6. Plastic Clip

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

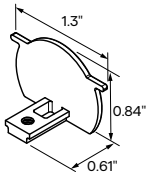
B - **Endcap**: used to close the end of the fixture housing extrusion



A - Seamless Connector



B - Endcap

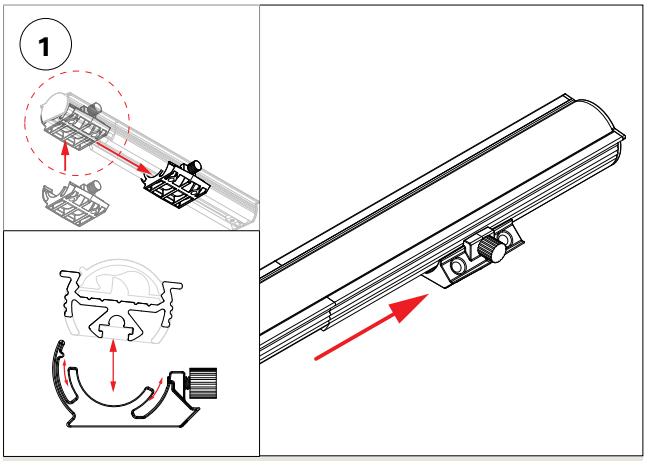


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QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

MOUNTING METHOD: **PLASTIC CLIPS**



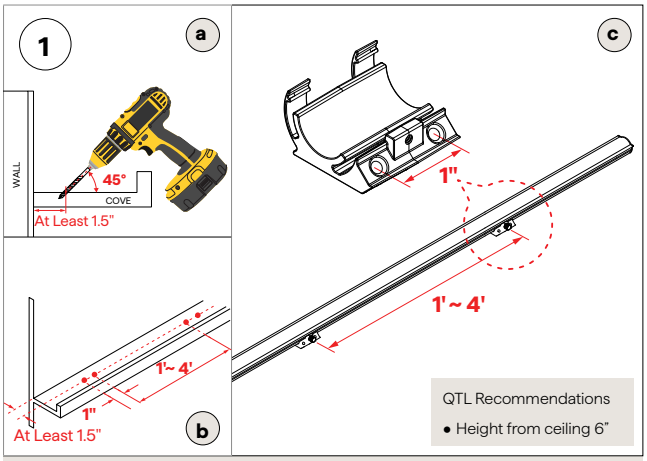
- Snap in plastic clips from the bottom of the seamless connector, then slide them to the fixture's main body.
- Insert 2 clips for fixtures shorter than 5',
  Insert 3 clips for fixtures longer than 5'

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QUOVA PERFORMANCE - STANDALONE

Performance Cove Fixture

MOUNTING METHOD: **MAIN FIXTURE MOUNT**

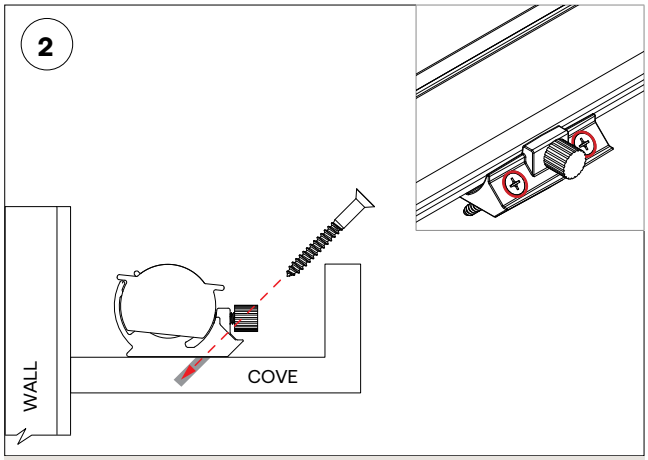


Pre-Drill Pilot Holes For #4 Screws:

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.

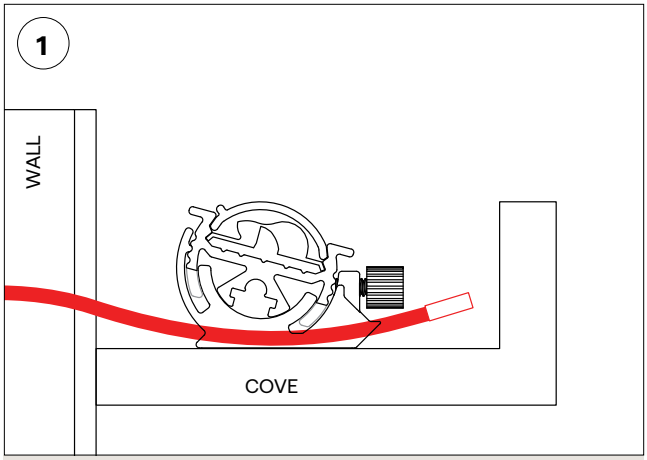
c: On the reference line, pre-drill two 45° pilot holes at a 1" spacing for each plastic clip.



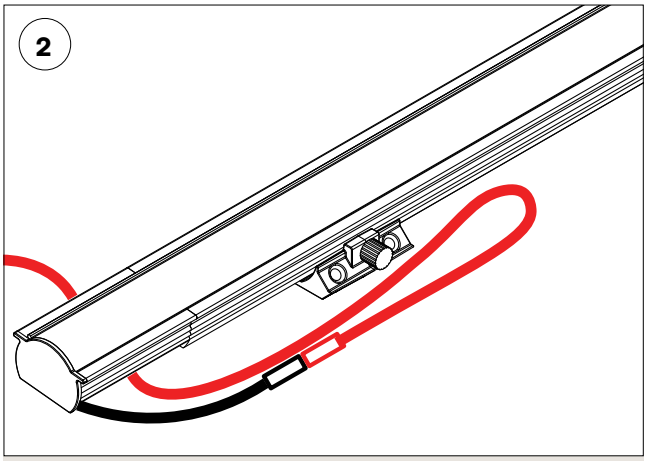
- Slide and move the plastic clip to match the pilot hole positions, then install mounting screws at 45° angle.

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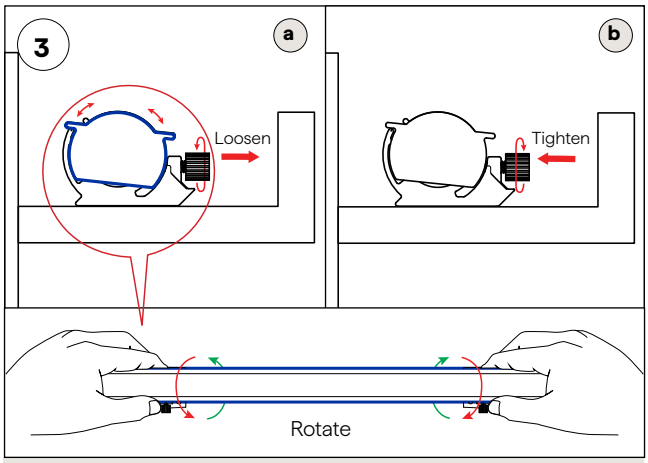
MOUNTING METHOD: **LIGHT MODULE MOUNT**



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



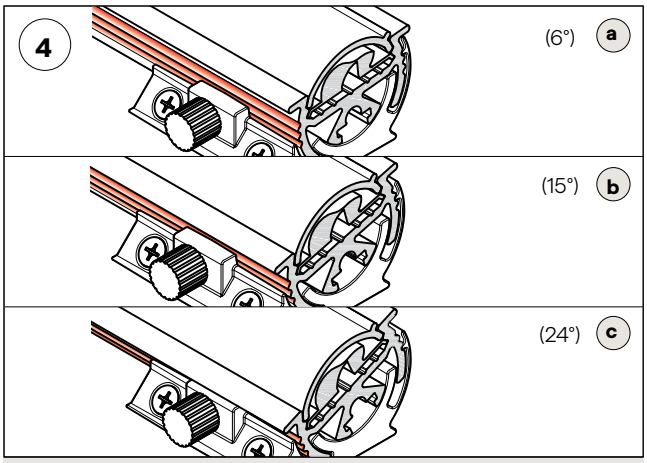
Make the wire connection to the light module wires.



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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