

QUOVA

KNIFE EDGE



QTL.lighting

- MICRO and STANDARD options create a cove for a variety of QTL fixtures or light engines.
- PERFORMANCE options proprietary asymmetric optic delivers industry-leading uniform illumination with up to 900 lm/ft and 450 cd peak intensity, ensuring superior light distribution from shallow coves.
- PERFORMANCE fixtures feature modular design with adjustable light direction and custom lengths to the nearest 2", providing flexibility for diverse architectural needs.
- Seamless feed details eliminate shadowing at pass-through points for uninterrupted, clean ceiling illumination.
- The fixture design provides complete visual cutoff while not clipping the beam, preventing glare and eliminating projected shadows.
- QUOVA can be installed early in the construction process, with light fixtures added after finishing work is complete. This allows for simple and fast installation.
- Pre-mitered, field assembled Inside/outside corners are available.
- Joiner brackets allow for easy alignment.

QUOVA

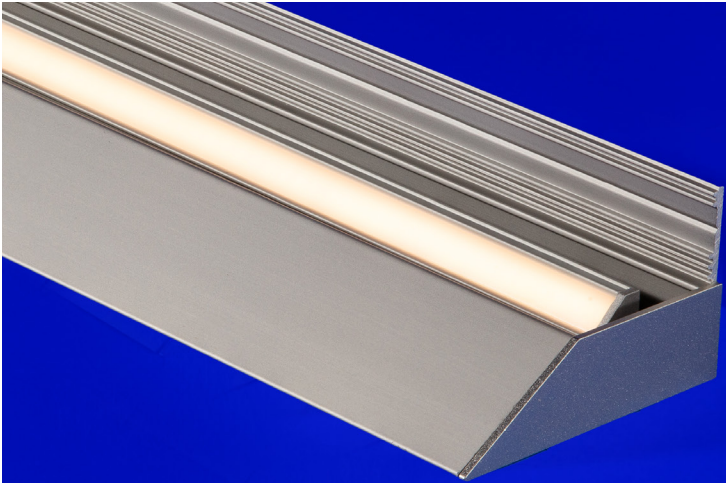
K N I F E E D G E

Declare.

Red List
Free



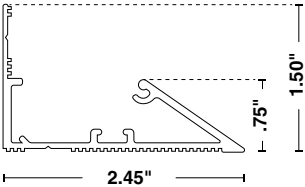
ABOUT
QUOVA



QUOVA MICRO

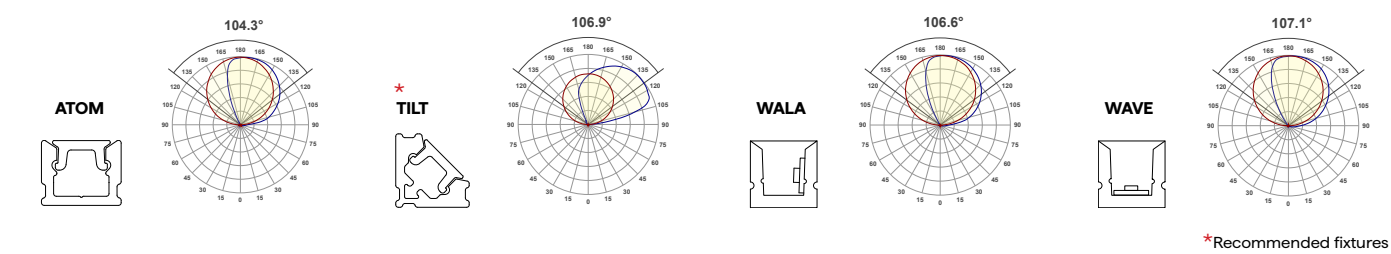
QUOVA MICRO is a remarkably small knife edge that acts as a carrier for Micro 5 LED fixtures and many LED strips with or without the LED SHIELD Accessory. Light engines are hidden within the small pre-made covers, eliminating glare. Carrier and light fixture components are assembled in the field, allowing for simple, fast, and tidy installations.





COMPATIBILITY

FIXTURES



LED STRIPS

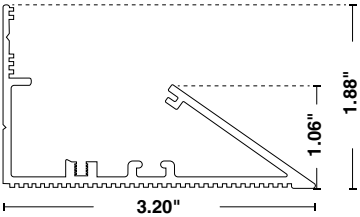
LED STRIPS No extrusion	STATIC WHITE (SW)	STATIC WHITE INDIVIDUALLY ADDRESSABLE (SW-IA)	STATIC WHITE STOCKING DISTRIBUTOR (SD-SW)	STATIC WHITE HIGH EFFICACY (SW-HE)	STATIC WHITE HIGH EFFICACY PLUS (SW-HE+)	DYNAMIC WHITE HIGH EFFICACY (DW-HE)	STATIC COLOR (SC)	WARM DIM (WD)	RGB	RGBW	RGBW HIGH EFFICACY (RGBW-HE)
	15W/ft 3.0W/ft 4.0W/ft 5.0W/ft 6.0W/ft	5.0W/ft	2.0W/ft 4.0W/ft 6.0W/ft	15W/ft 3.0W/ft 6.0W/ft 9.0W/ft	3.0W/ft 6.0W/ft	3.0W/ft 5.0W/ft 8.0W/ft	5.0W/ft	6.0W/ft	6.0W/ft	6.0W/ft	4.0W/ft 8.0W/ft
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SHIELD

SHIELD B Small	✓		✓				✓				
SHIELD B Medium		✓		✓	✓	✓		✓	✓		✓

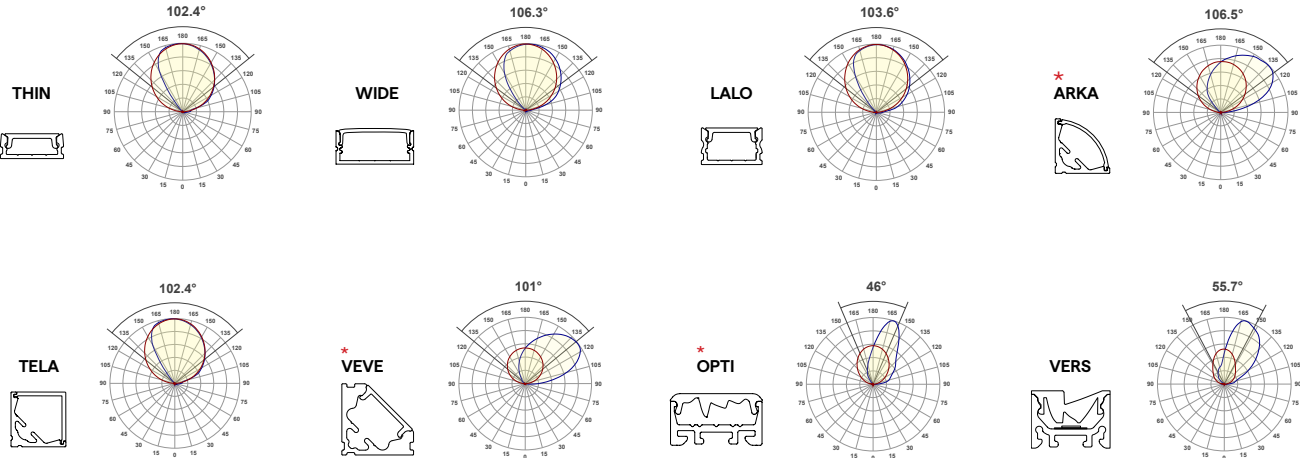


Product shown: QUOVA-MICRO



COMPATIBILITY

FIXTURES

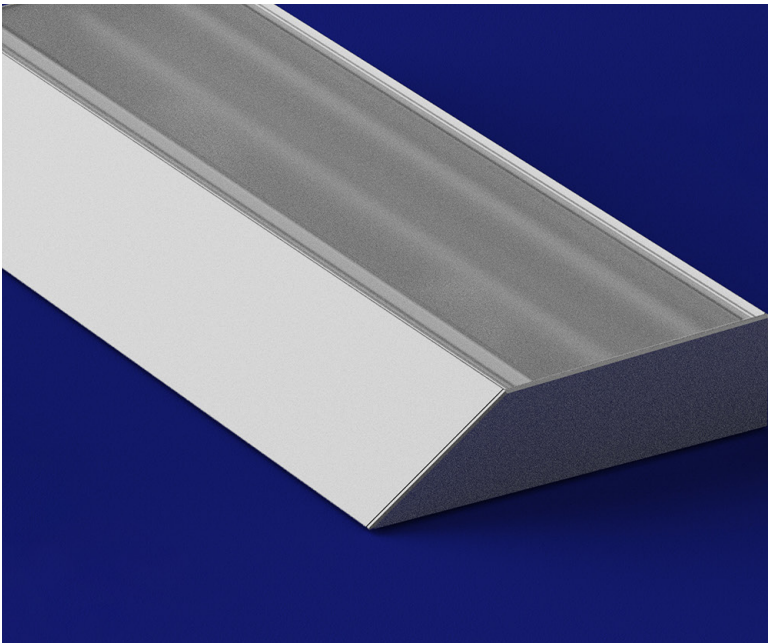


*Recommended fixtures



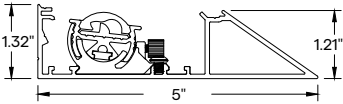
Product shown: QUOVA-STANDARD



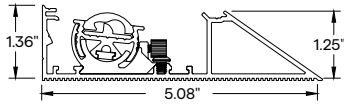


COMING SOON
QUOVA PERFORMANCE
SMOOTH & MUD-IN

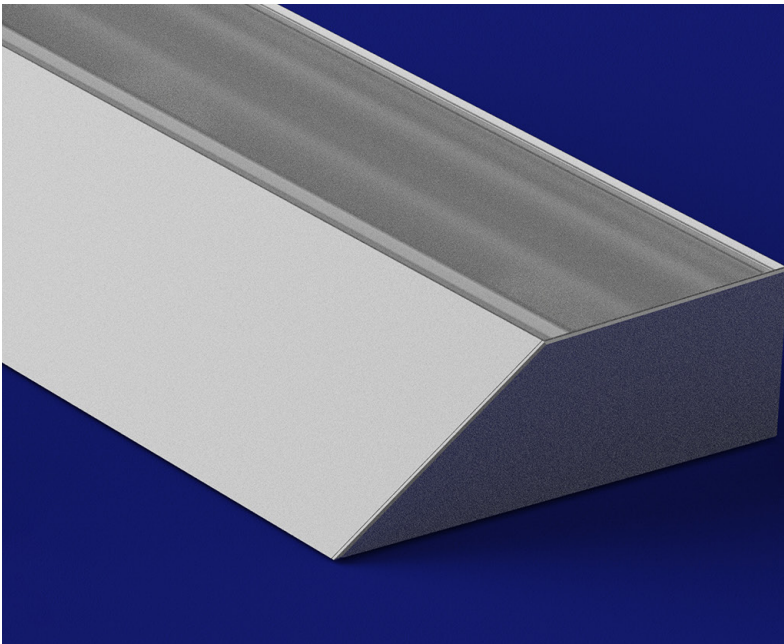
SMOOTH & MUD-IN is a pre-made cove lighting system with remote power, designed to create seamless, glare-free illumination. Its proprietary asymmetric optic delivers exceptional light distribution with a 6:1 setback ratio, while three aiming positions allow for precise light direction. The knife edge profile replaces traditional flat cove details, offering a sleek architectural solution where no previous cove existed.



Profile of Smooth Main Housing

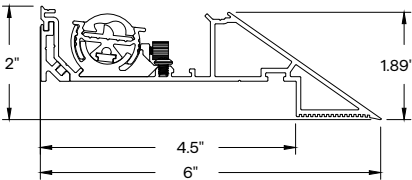


Profile of Mud in Main Housing

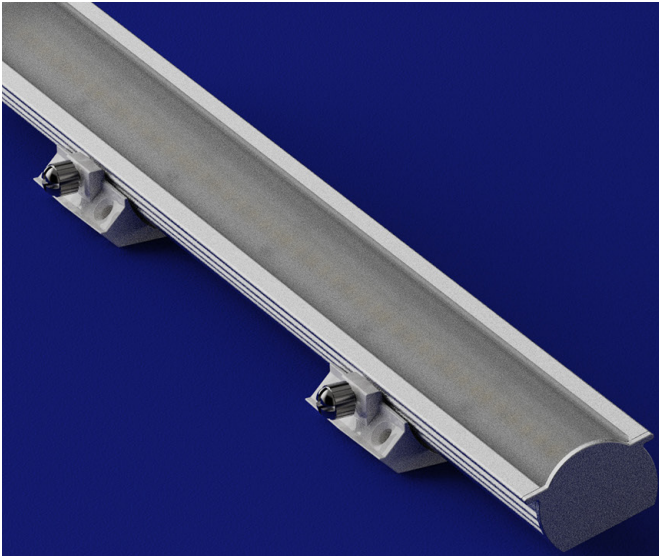


COMING SOON
QUOVA PERFORMANCE
FLOAT

FLOAT is a versatile pre-made cove lighting system with remote power, perfect for creating new coves in architectural spaces. Its modular design supports straightforward installation, while the knife edge detail offers a sharp, modern aesthetic. Ideal for building your own cove, this system ensures clean, uniform illumination without compromising design integrity.



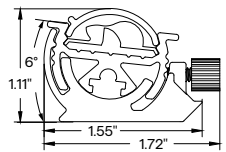
Product shown: QUOVA-SMOOTH



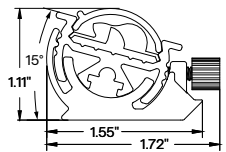
COMING SOON

QUOVA PERFORMANCE STANDALONE

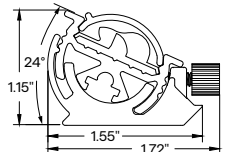
STANDALONE is designed for integration into pre-existing coves. Its internal light module, featuring a proprietary asymmetric optic, delivers high-intensity, uniform ceiling illumination. Three aiming positions allow for precise light adjustment, and its easy installation process ensures fast, hassle-free setup. This solution offers high-performance lighting in a compact, efficient design ideal for retrofitting projects.



Profile of Light Module at 6 degrees



Profile of Light Module at 15 degrees



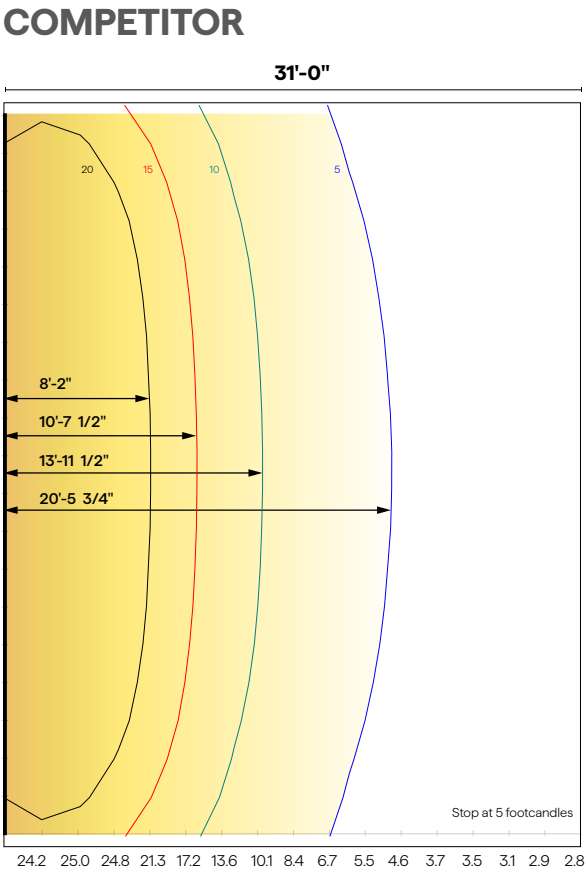
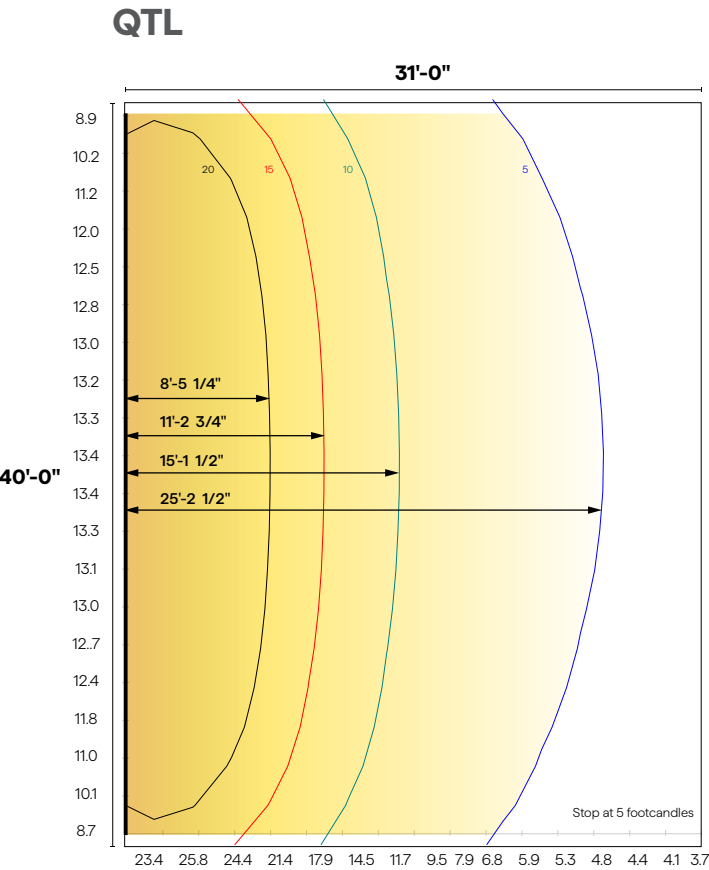
Profile of Light Module at 24 degrees



Product shown: QUOVA-SMOOTH

QUOVA PERFORMANCE AT WORKPLANE 2'-6" AFF

COVE LIGHT AT 12" BELOW CEILING



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

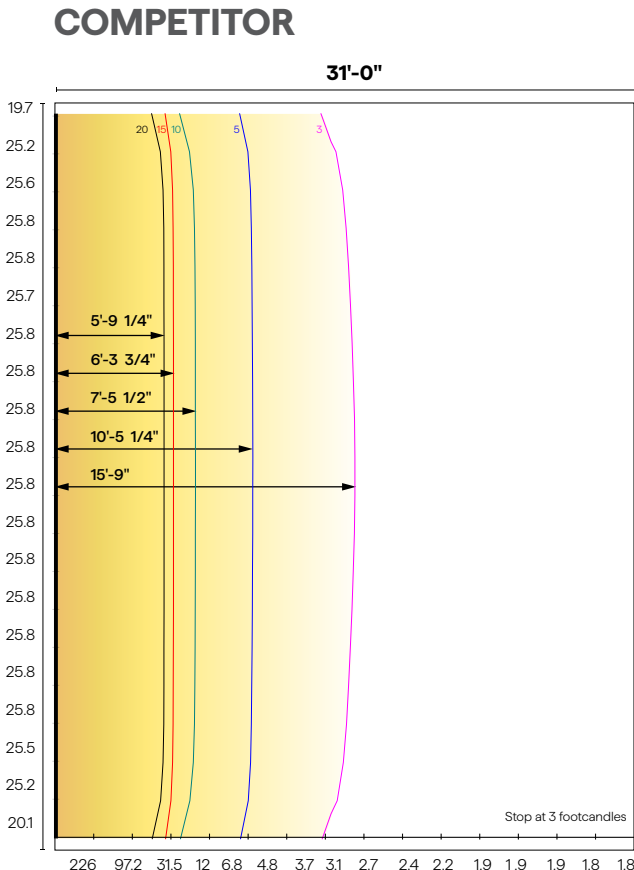
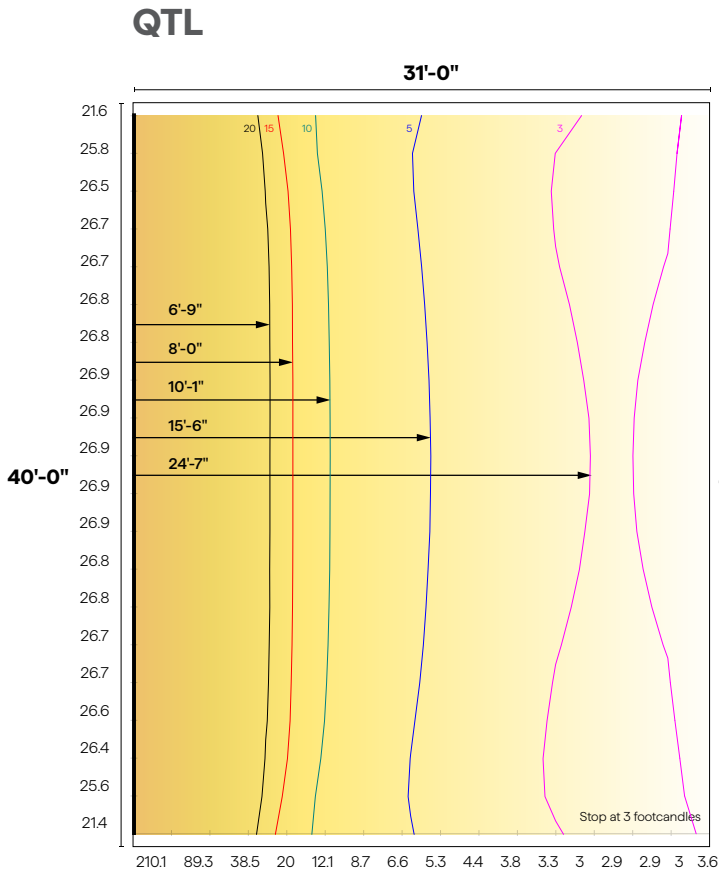
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Competitor_Workplane	Illuminance	Fc	11.23	29.4	2.3	4.88	12.78

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

QUOVA PERFORMANCE AT CEILING

COVE LIGHT AT 12" BELOW CEILING



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

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

