

# 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.

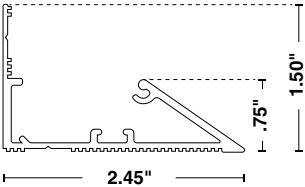
QUOVA

K N I F E E D G E

Declare.

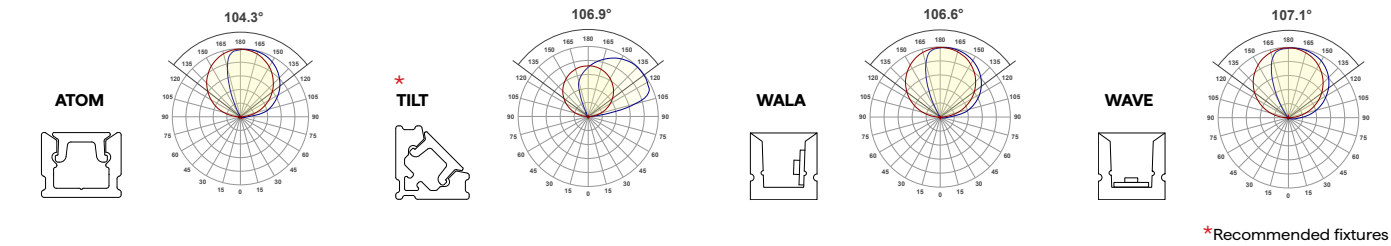






## COMPATIBILITY

### 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
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

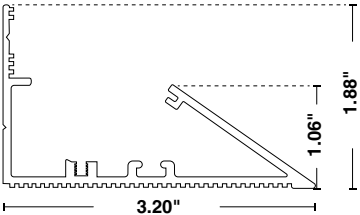
### SHIELD

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



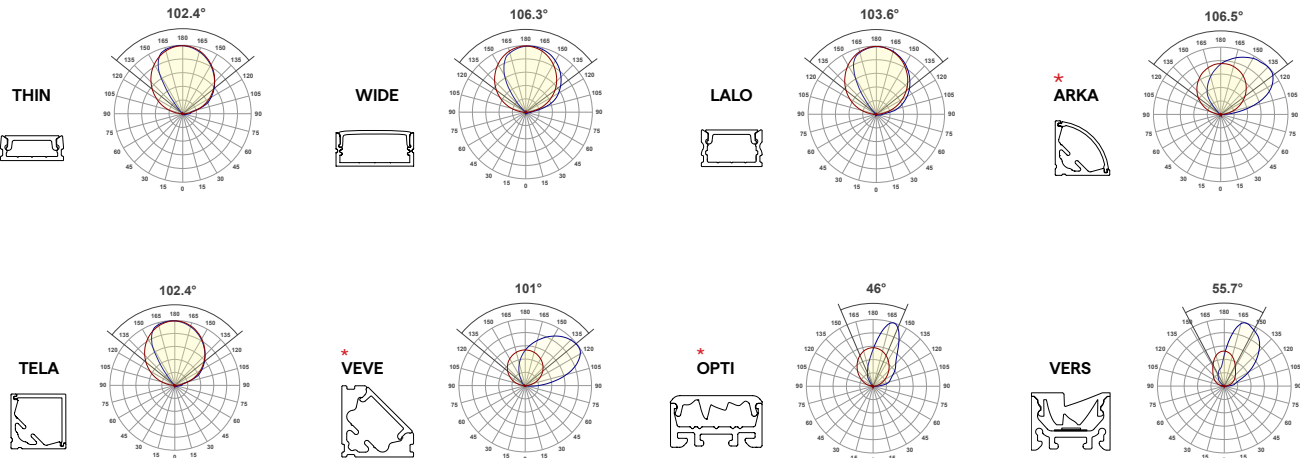
Product shown: QUOVA-MICRO





## COMPATIBILITY

### FIXTURES



\*Recommended fixtures

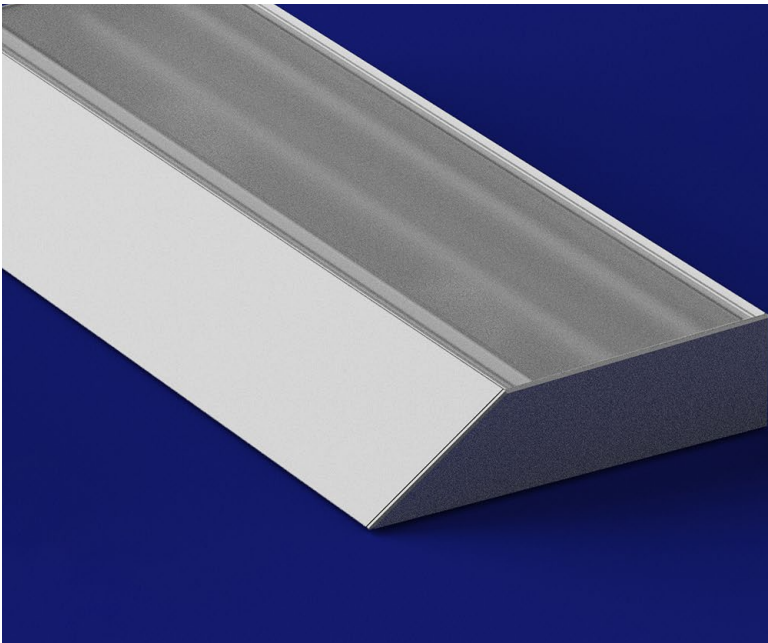


Product shown: QUOVA-STANDARD



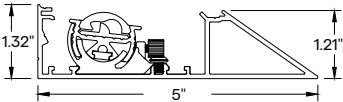




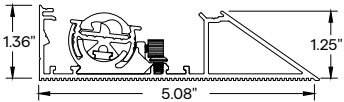


### COMING SOON QUOVA PERFORMANCE SMOOTH & MUD-IN

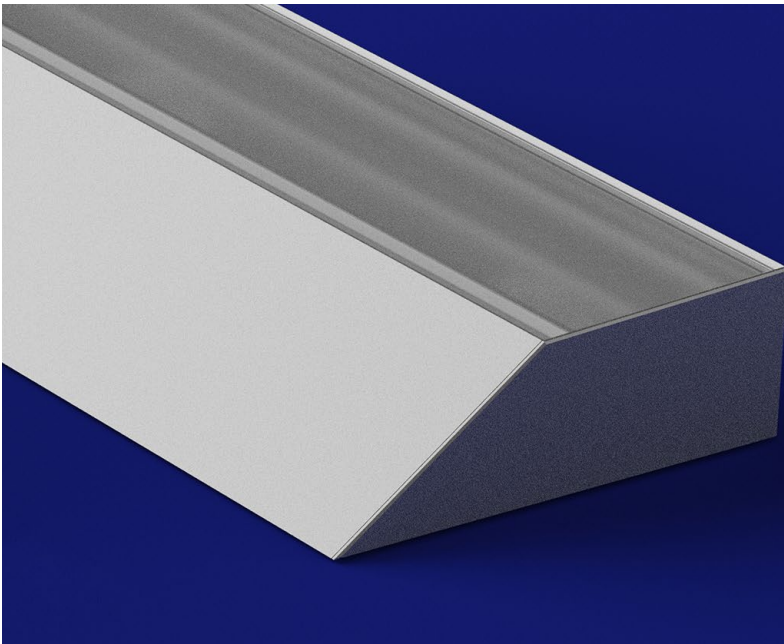
SMOOTH & MUD-IN is a pre-made cove lighting system with remote power, designed to create seamless, glare-free illumination. Its proprietary asymmetric optic delivers exceptional light distribution with a 6:1 setback ratio, while three aiming positions allow for precise light direction. The knife edge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



Profile of Smooth Main Housing

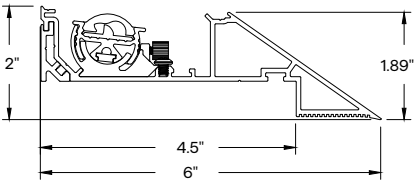


Profile of Mud in Main Housing



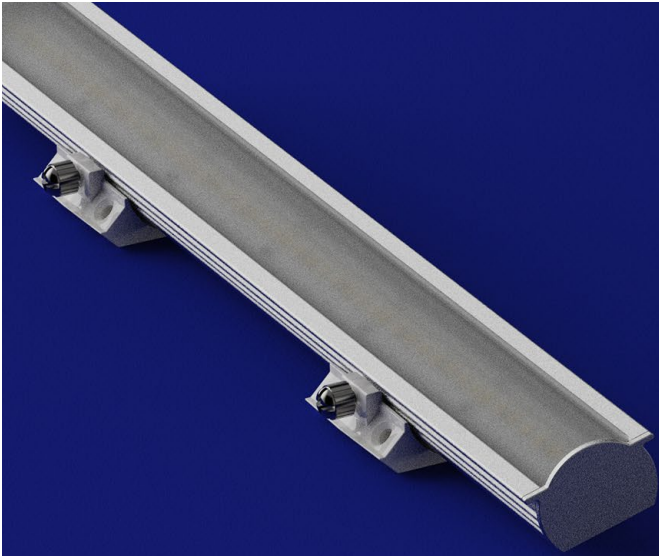
### COMING SOON QUOVA PERFORMANCE FLOAT

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.



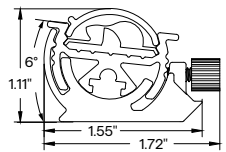
Product shown: QUOVA-PERFORMANCE SMOOTH



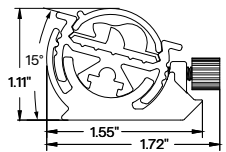


**COMING SOON**  
**QUOVA PERFORMANCE**  
**STANDALONE**

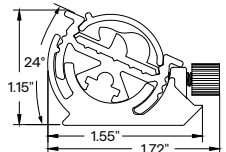
STANDALONE is designed for integration into pre-existing coves. Its internal light module, featuring a proprietary asymmetric optic, delivers high-intensity, uniform ceiling illumination. Three aiming positions allow for precise light adjustment, and its easy installation process ensures fast, hassle-free 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



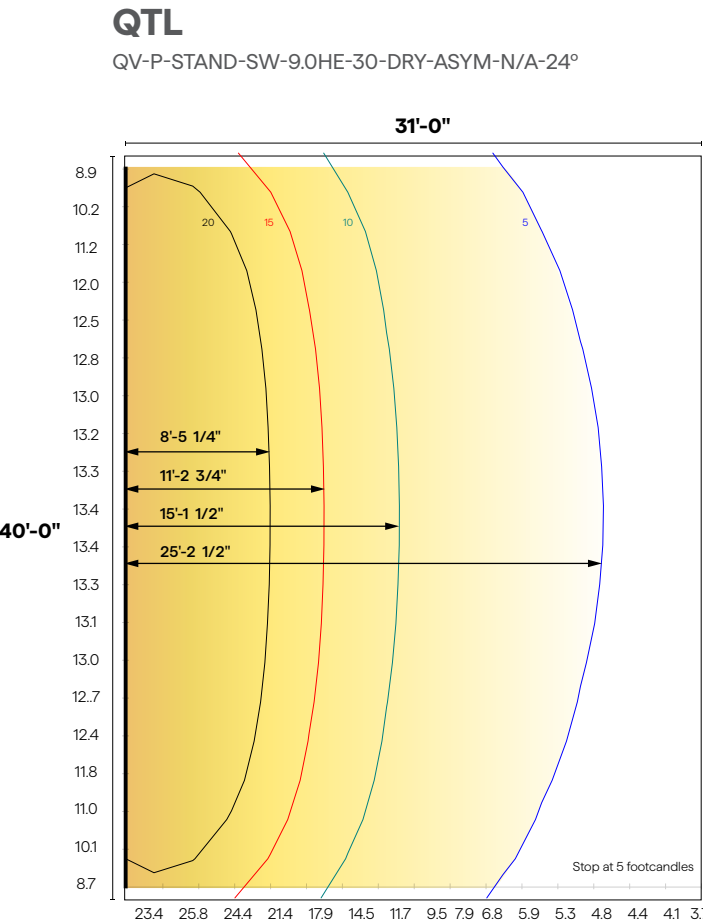
Profile of Light Module  
at 24 degrees



Product shown: QUOVA-PERFORMANCE STANDALONE

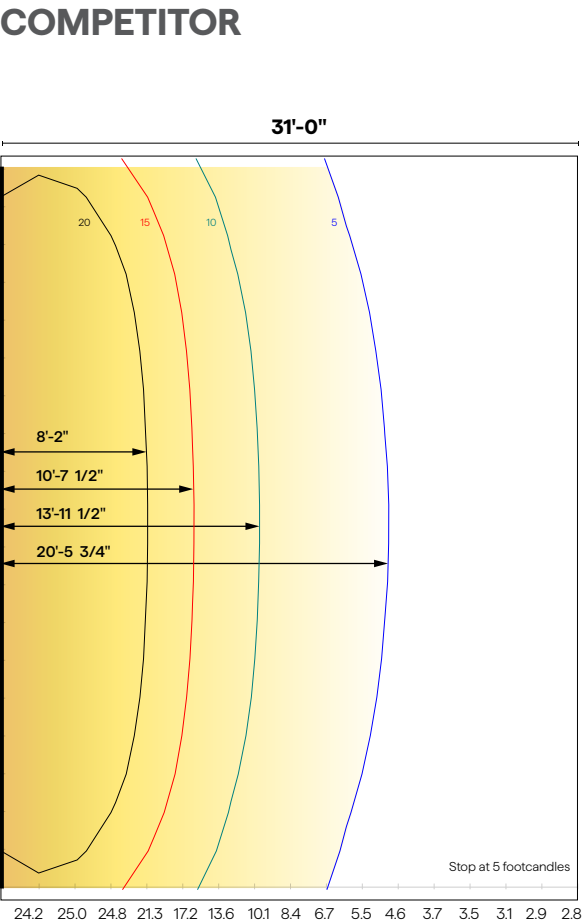
QUOVA PERFORMANCE AT WORKPLANE 2'-6" AFF

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

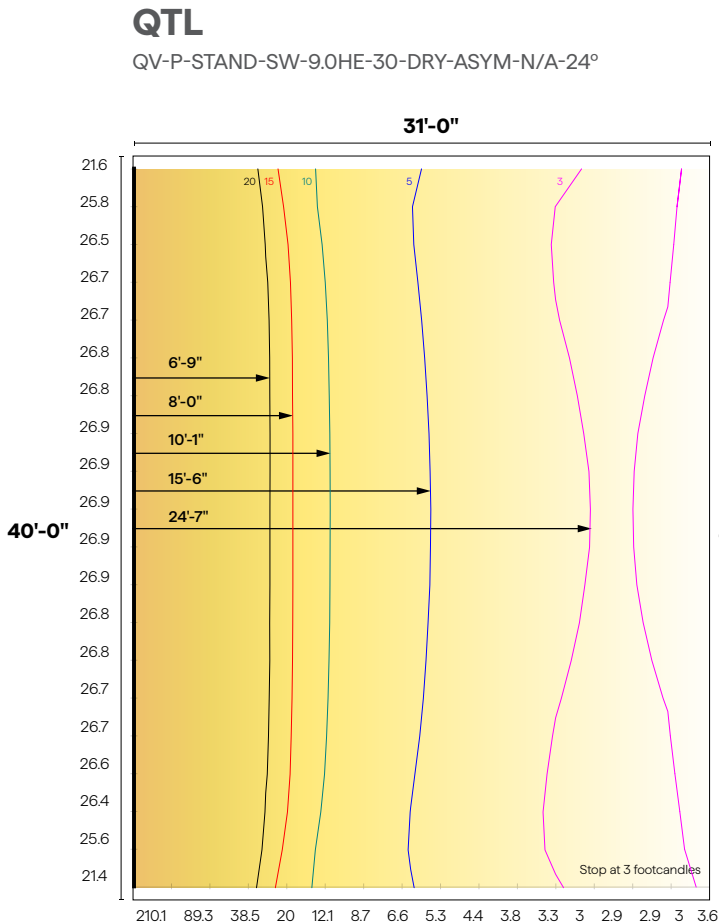


Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Competitor_Workplane	Illuminance	Fc	11.23	29.4	2.3	4.88	12.78

- 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

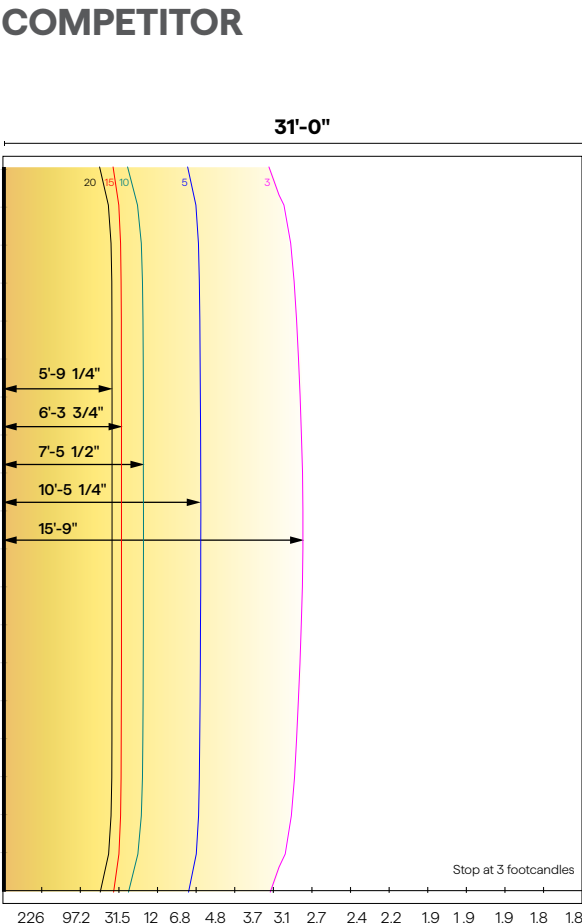
QUOVA PERFORMANCE AT CEILING

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



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Competitor_Ceiling	Illuminance	Fc	25.1	232.7	1.4	17.9	166.2

- 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

