

elliptipar® with LED



**SOLVING** FOR LIGHT

elliptipar tambient



THE LIGHTING QUOTIENT®

www.TheLightingQuotient.com

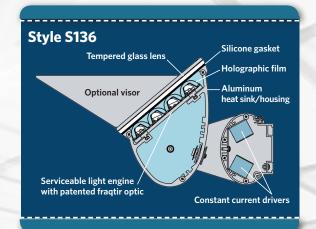
# 5136

# elliptipar with fraqtir LED

**//////** your 4-digit Quickfinder code at www.TheLightingQuotient.com

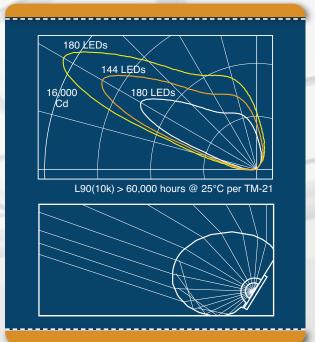
### elliptipar... there is no equal





- Patented fraqtir<sup>™</sup> optics elliptipar's premiere LED optical system – delivers light to the target, minimizing spill light and glare
- Asymmetric forward throw and wide lateral distribution – produces uniform illumination on surfaces, permitting larger on-center spacing
- High light output -24,800 lumens delivered based on 180 LED fixture @ 4000K/70+CRI
- Adjustable and lockable aiming aiming index allows constant aiming from fixture to fixture, locking set screw rertains position
- Constant current drivers 120-277V universal voltage input with several dimming protocols available and easily accesible for wiring and service
- 347V for Canada now available

- Mounting options surface, cantilever, 1-way, and 2-way uplight pendants
- Natatorium option provides indirect illumination for the space from the perimeter, elimintating glare for swimmers while facilitating access for cleaning
- Multiple color temperature and CRI choices 2700K, 3000K, 3500K, or 4000K at 70, 80 or 90+CRI
- Excellent lumen maintenance L90(10k)>60,000 hours @ 25°C per TM-21
- CSA certified for damp locations
- U.S. Patents 8,465,190, D468,473 S; foreign patents pending.



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THE LIGHTING QUOTIENT

114 Boston Post Road West Haven, CT 06516 203.931.4455 203.931.4464



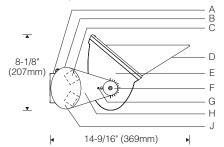


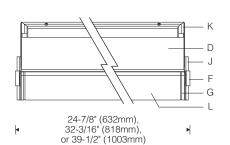


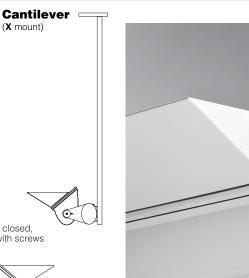




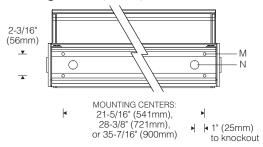
### S Mount 1/10 scale







### Mounting Plate (S mount)



Two-piece extruded aluminum heat sink/housing and light

Removable interior extrusion treated to maximize thermal

conductivity. Precision formed asymmetric optical light bar

of high temperature, water-clear acrylic. Tempered micro-

prismatic glass lens with elliptical distribution holographic

Painted surfaces – 6 stage pretreatment and electrostatically

applied thermoset polyester powder coating for a durable

abrasion, fade and corrosion resistant finish. Formed

All luminaire hardware is stainless steel.

Extruded aluminum heat sink/housing, yoke, door frame

and decorative end plates are finished in semigloss white.

diffuser; maximizes lateral distribution without disturbing

engine. Exterior heat sink anodized for maximum emissivity.

### Installation (S mount)

1. Secure mounting plate to wall



2. Hang fixture,

3. Hinge closed, secure with screws

(X mount)



### **Specifications**

- **A** Extruded aluminum mounting plate/driver cover
- B Extruded aluminum oval driver housing
- C Integral electronic driver

asymmetric forward throw.

Optic Assembly:

- **D** Formed aluminum cutoff visor
- E Die-cast aluminum end plates
- **F** Decorative knob
- G Locking set screw
- H Aluminum side arms
- J Aluminum oval end plates
- K Mitered extruded aluminum door frame with microprismatic tempered glass lens, silicone gasket
- L Extruded aluminum heat sink/ housing
- M 9/32" dia. mounting holes, **S** mount only
- N 7/8" dia. conduit entries, **S** mount only
- P Support structure and mounting fasteners by others

**S** mount – mounting plate/driver cover secures to wall. Uplight cantilever mounting assembly ordered separately:

(see Accessories); specify mounting 1.

### Electrical:

Use 90°C wire for supply connections. Integral electronic HPF constant current driver. For complete driver specifications, see website, reference document MA-1303.

CSA certified to UL1598, UL8750, CSA C22.2 for dry locations; specify **VP** option for damp locations. Where pendant or cantilever may be exposed to wind, consult factory.

### Mounting:

specify X mount. Upright one-way cluster pendant assembly ordered separately

Standard:

5 year warranty, maximum ambient temperature 40°C (104°F).

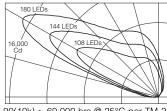
### **Features**

- Maintains over 90% of initial light output after 60,000 hours
- 2700K through 4000K at 70+, 80+ or 90+ CRI
- All aluminum and stainless steel construction
- Fully adjustable and lockable aiming with aiming index
- Universal voltage drivers and light engines are serviceable for replacement or upgrade

### **Performance**

fragtir technology uses a combination of refraction and total internal reflection. creating a distribution of light ideal for illuminating surfaces uniformly. Glare is minimized while light delivered to the target is maximized, resulting in high application efficiency.

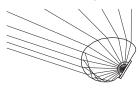
For photometric and lumen maintenance reports, visit thelightingquotient.com



SC

**15.0** 

L90(10k) > 60,000 hrs @ 25°C per TM-21









Finish:

aluminum visor.

# 

### 1 Source

**S** = Solid State (LED)

### 2 Style

**136** = Large surface Ovalinear<sup>®</sup> with integral driver

### 3 Drive Current/Length/No. of LEDs

Solid State LED with **fraqtir** optics. Choose drive current code/ number of LEDs in options below.

Lumen/Wattage Options					
LAMP CODE	FIXTURE LENGTH	INPUT WATTS	LUMENS	NUMBER OF LEDs	DRIVE CURRENT
6108	24-7/8"	215W	14898	108 LEDs	625mA
6144	32-3/16"	287W	19864	144 LEDs	625mA
6180	39-1/2"	359W	24830	180 LEDs	625mA

Based on 4000K, 70+CRI. Click here for scaled performance table.

### 4 Mounting

**S** = Wall (surface) mount, uplight only

X = For use with cantilever accessory (order separately), 24" luminaire only

Cluster pendant assemblies (order VPR pendant separately):

1 = One-way assembly, single housing

### 5 Finish

02 = Semigloss white finish

99 = Custom RAL or computer matched color to be specified; consult sales representative

### 6 Voltage/Driver

Electronic Driver Electronic Dimming Driver\*

8 = 120-277V M = 120-277V3 = 347V K = 347V

\*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

### **7** Option (see Accessories Section for specifications)

**V0** = Cutoff visor included, no other options

**VP** = Natatorium (pool) use

VX = For modification not listed, include detailed description. Consult factory prior to specification

Note: Cutoff visor included unless specified otherwise.

### **8** Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

### 9 Color Temperature

**27** = 2700K, 80+ CRI **2H** = 2700K, 90+ CRI **30** = 3000K, 80+ CRI **3H** = 3000K, 90+ CRI

35 = 3500K, 80 + CRI

**40** = 4000K, 80+ CRI **4L** = 4000K, 70+ CRI

Additional CCT and CRI options are available; consult factory.

### 10 Dimming\*\*

00 = Non-dimming

**ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

EL = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, 0-10V controls by others

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

\*\*Dimming range refers to % power input, % light output will vary.

# Refer to Driver Information document MA-1303

**Note:** Number of drivers varies with number of LEDs, drive current and driver type.



\*\* See www.lightingfacts.com/products.for.details

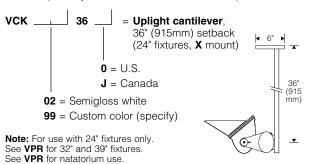
Registration Number: 3HVJ-KZ7X1C (10/9/2015)

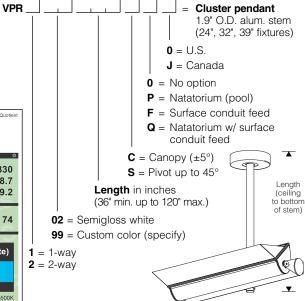
Model Number: S136-6180-S-02-8-V0-0-4L-00

### Accessories

Type:

Order separately. See Accessories Section for specifications.





### 180 LEDs @ 625mA

(4000K/70+CRI) shown.

The external shapes of the housings are trademarks of Sylvan R. Shemitz Designs, LLC dba **The Lighting Quotient**, makers of **elliptipar**, **tambient** and **fraqtir**.



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