# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

For more information on the quality and care TCP can deliver, call us at 800.324.1496 or visit tcpi.com

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TCP®

# Q Series Aisle Light

Product Specifications

The Q Series Aisle Light by TCP incorporates the special needs of grocery and high-end shopping applications into the fixture design. The 24° angle between light bars provides a 144° beam angle, uplight to reduce "cave effect", and a delivered light focused on the product display. Incorporating customer values into the design, the aisle light includes a 97+ CRI with balanced R9 values and uniform spectrum to drastically bump up the visual color realization of products on display while customers enjoy their experience with a feeling of sunlight.

## Reasons to choose the Q Series Aisle Light from TCP

- TCP Quick Connect system*
- High CRI options available
- Uniform spectrum - removal of blue peak from spectrum content
- Uplight - no cave effect
- V-shape directs light where you need it most - on the product
- 144° light spread

*Scan me with your phone to see the Aisle Light in action!

## Ideal Applications

- High-end retail settings
- Grocery stores
- Architectural applications
- Commercial & Industrial
- Warehouses

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c UL US LISTED DLC QPL LISTED 5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

## Specifications

Input Line Voltage ..... 120-277 VAC
Input Line Frequency..... 50/60Hz
Wattage..... 35/45/55/110W
Lumens (80 CRI)..... 4725/6075/7425/14850L
Lumens (90 CRI, R9>50) ..... 4025/5175/6325/12650L
Lumens per Watt (80 CRI) ..... >135 LPW
Lumens per Watt (90 CRI) ..... >115 LPW
Rated Life..... 50,000 hours
Minimum Starting Temperature ..... 20°C (-4°F)
Maximum Operating Temperature..... 50°C (122°F)
CRI..... >80 or >90
Power Factor ..... >0.9
THD..... <20%
Ratings ..... cULus, damp location rated
Controls..... 0-10V dimming (standard)

## Features

- Lens wrap-around design provides uplight to reduce cave effect
- Lightweight, quick install construction
- Standard frosted lens for glare control
- No shadows - smooth, even lighting
- Damp location rated
- 0-10V smooth, no-flicker dimming
- Operating temperature: -4°F to 122°F
- Long 50,000 hour rated life
- Includes 6' quick connect 5-wire power cord
- 179° field angle

| Item Number | |
|---|---|
| Notes | Type |



**Listings**

cULus Listed
RoHS Compliant
DLC 5.1 Standard

**Warranty**

Five year limited warranty against defects in manufacturing.

## Hardware Included

- 10' Cable Hanger
- 6' TCP Quick Connect 5-wire cord

## Installation

Hang from a structural support. Before installation, please consult your local ordinances and building codes.

# Catalog Ordering Matrix

Example: QAL4UZDA29V440K

| FAMILY | LENGTH | VOLTAGE | CONTROLS | LUMEN PACKAGE (Power)[1],[2] | COLOR RENDERING INDEX | LIGHT BAR ANGLE | CCT | COLOR OPTION | FACTORY INSTALLED OPTIONS | FACTORY INSTALLED CONTROLS |
|---|---|---|---|---|---|---|---|---|---|---|
| **QAL –** Q Series Aisle Light | **4 –** 4 foot | **U –** 120-277V | **ZD –** 0-10V Dimming | **A2 –** 4725L (35W)<br>**A3 –** 6075L (45W)<br>**A4 –** 7425L (55W)*<br>**A8 –** 14850L (110W) | **Blank –** 80+ CRI | **V4 –** 12° | **35K –** 3500K<br>**40K –** 4000K<br>**50K –** 5000K | **Blank –** White<br>**BK –** Black[3] | **Blank –** No Add-on<br>**B –** Battery Backup | **Blank –** No controls |
| | | | | **A2 –** 4025L (35W)<br>**A3 –** 5175L (45W)<br>**A4 –** 6325L (55W)*<br>**A8 –** 12650 (110W) | **9 –** 90+ CRI, R9>50 | | | | | |

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end use application
[2] Actual wattage may differ by +/- 10%.
[3] Black and other special colors are a special order. Please contact your TCP representative for lead time
* 55W unit is wattage selectable: 35/45/55W

## Field Installed Accessories

- Q5DAISY4FT - Quick connect 5-wire daisy chain cable
- QTLSMOUNT1 - Surface Mount Kit

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TCP Q Series Aisle Light

## High Wall Wash Applications



Q Aisle Light hung along wall. Eliminates cave effect in the upper corners of the room.

The Q Aisle Light can be used in a wide variety of applications such as retail shopping and grocery. The 144° beam spread eliminates cave effect all the way up to the corners of the room.

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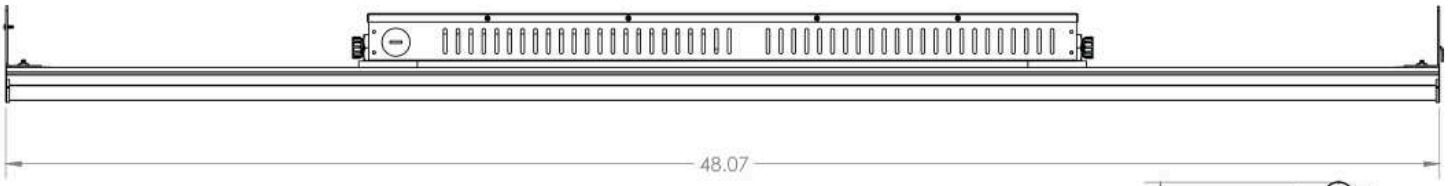
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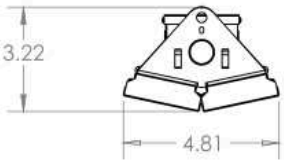
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# Q Series Aisle Light

## Wireline Dimensions




Weight = 6.50 lbs



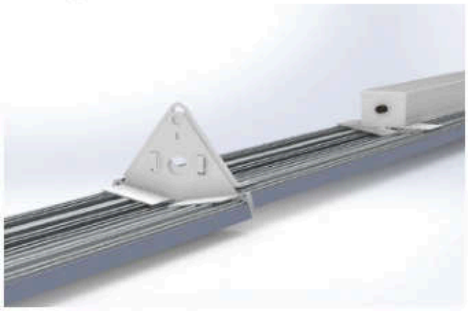

## TCP Quick Connect System

### Step 1:



Align male and female ends of the quick connect triangles

### Step 2:



Slide together to fasten

### Step 3:



Fasten locking screw until tight

### Step 4:



Mechanical connection complete

### Step 5:



Use Q5DAISY4FT TCP Quick Connect cable to daisy chain units together

### Complete:



***NOTE:***

Electrical Daisy Chain Capabilities using Q5DAISY4FT:
55W model = 15 units in series
110W model = 8 units in series

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# Q Series Aisle Light

## 90+ CRI to boost colors of shelf product

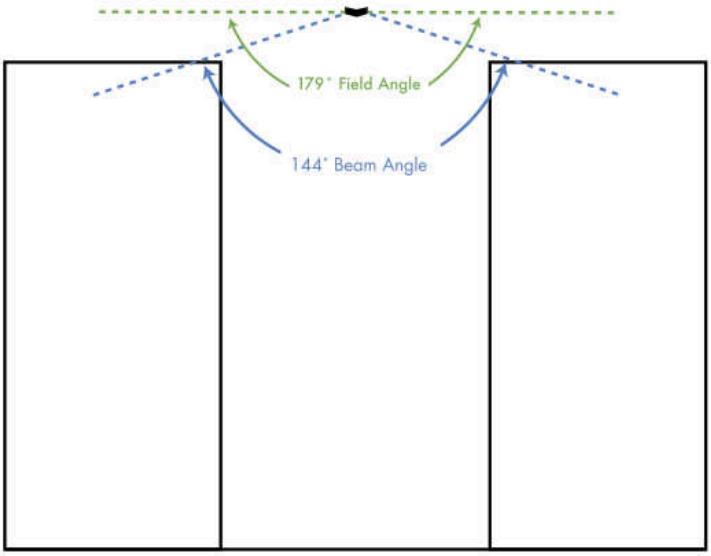


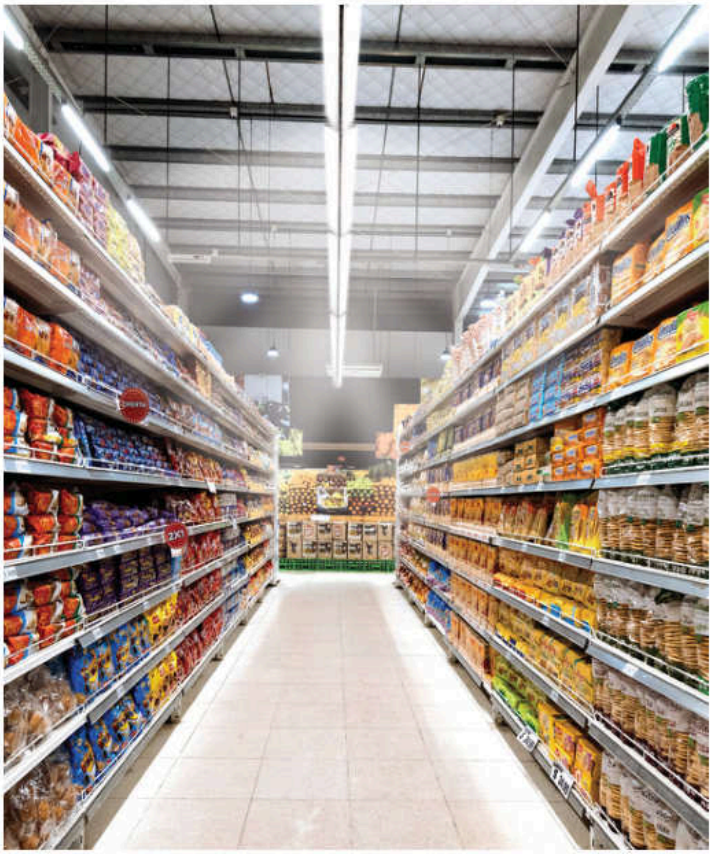
CRI >80



CRI >90

## 12 degree tilt results in a 144 degree beam angle



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