QTL Series Aisle Light
Product Specifications

The QTL 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, up-light 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 QTL 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

c (UL) US LISTED   DLC QPL   5 YEAR WARRANTY

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 – QTL Series Aisle Light	**4 –** 4 foot	**U –** 120-277V	**ZD –** 0-10V Dimming	**A2 –** 4725L (35W) **A3 –** 6075L (45W) **A4 –** 7425L (55W)* **A8 –** 14850L (110W)	**Blank –** 80+ CRI	**V4 –** 12°	**35K –** 3500K **40K –** 4000K **50K –** 5000K	**Blank –** White **BK –** Black[3]	**Blank –** No Add-on **B –** Battery Backup	**Blank –** No controls
				A2 – 4025L (35W) **A3 –** 5175L (45W) **A4 –** 6325L (55W)* **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
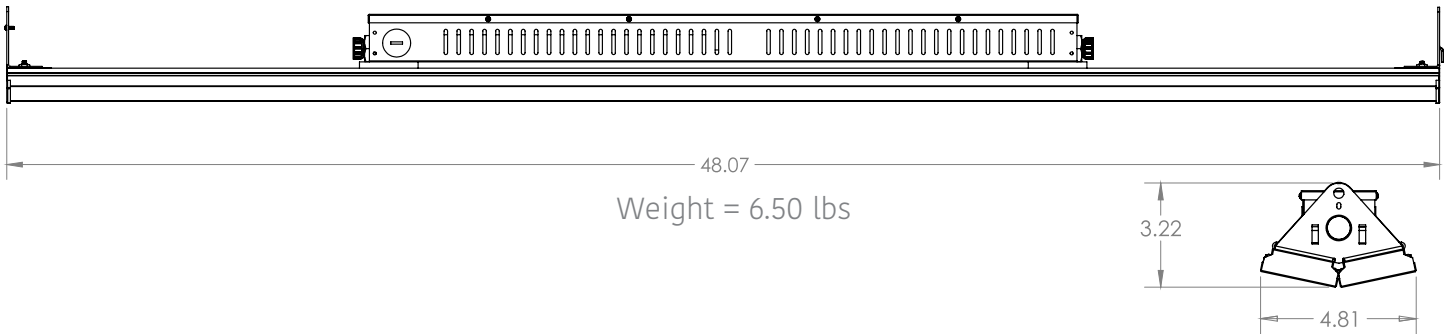- QTLSMOUNT1 - Surface Mount Kit
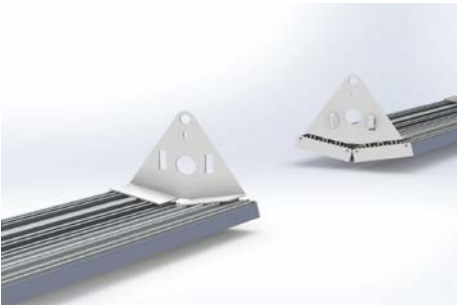
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DLC QPL LISTED

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.
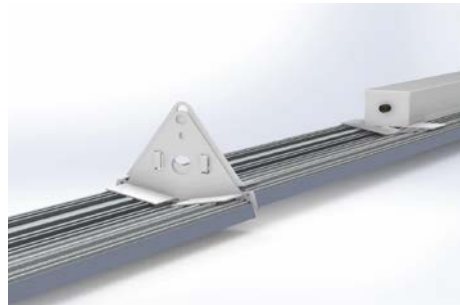
Wireline Dimensions

48.07

Weight = 6.50 lbs

3.22

4.81

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

TCP®

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c(UL)us LISTED   DLC   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.

90+ CRI to boost colors of shelf product

CRI >80

CRI >90

12 degree tilt results in a 144 degree beam angle

179° Field Angle

144° Beam Angle

c(UL)us LISTED   DLC QPL LISTED   5 YEAR WARRANTY
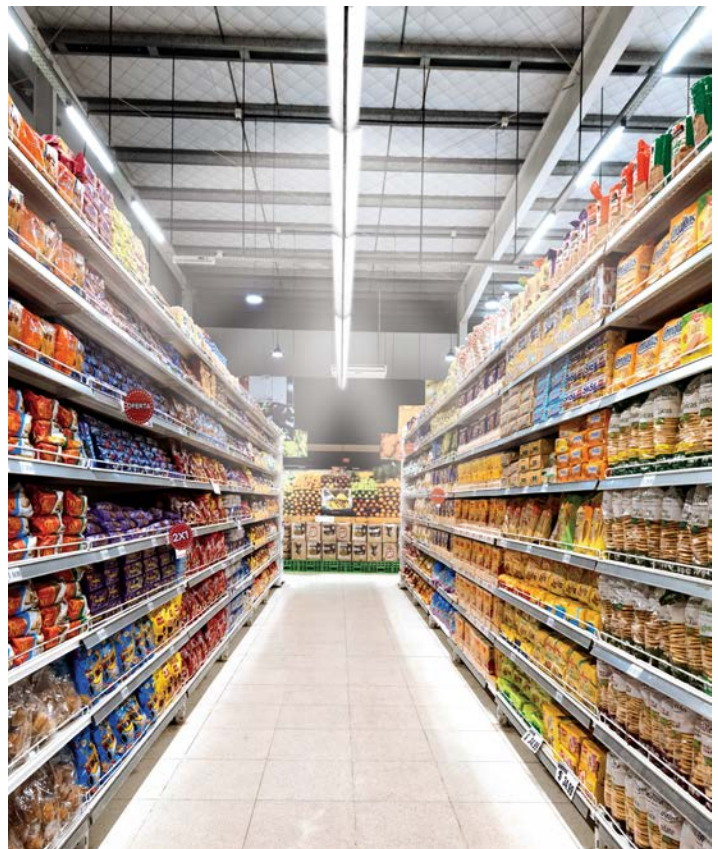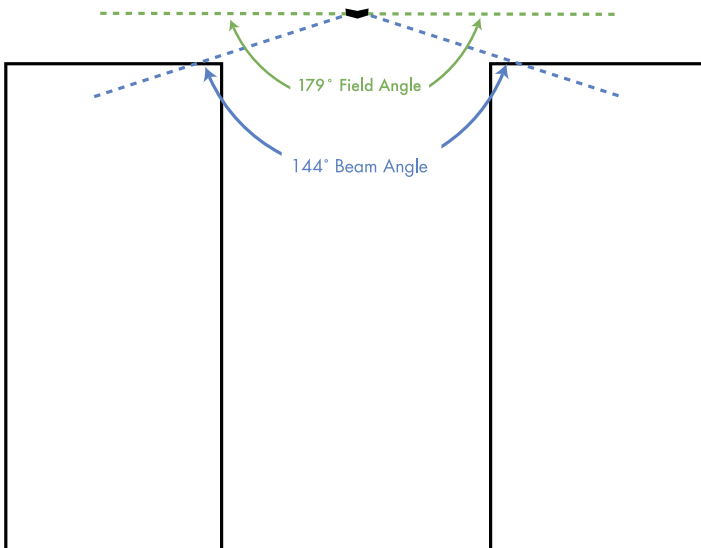
High Wall Wash Applications

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

The QTL 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.

c ®UL ®US LISTED

DLC™ QPL LISTED

5 YEAR WARRANTY

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

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Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:

TCP®
we know light.™