



iQLED TAPE LIGHT **5050 CHIP SERIES**

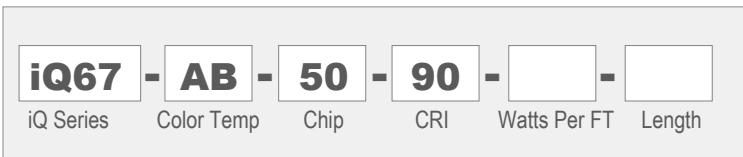
# iQ67 2.6 & 4.4 W/ft AMBER.

WET RATED



TURTLE FRIENDLY

iQ67 LED Flexible Tape Light is rated for Wet Locations and is not submersible. It is available in Amber. iQ67 LED Flexible Tape Light is available in 2.6 or 4.4 watts per foot, 24VDC. This product will fulfill many outdoor applications where Turtle Friendly lighting is required., can be cut to length in the field or cut to length at the Q-Tran factory. The lumen output of this LED makes it perfect for most exterior or interior application where a coated LED is required.



## FEATURES

- LED life time - 40,000 hours
- Operating temperature: -4°F ~ +113°F
- Suitable for dry, damp or wet locations
- Non-Ferrous Material
- 3.94" & 6.57" cut points
- Field cuttable
- 3 year warranty

## iQ67-AB-50-2.6

Max Run / Reel Length: 35ft\* | Color: AB (AMBER) | Voltage: 24VDC  
CRI: 79+ | LM: 79 | WattsPer Ft: 2.6 | Wave length: 585 - 595 nm  
Lumens Per Ft: 31

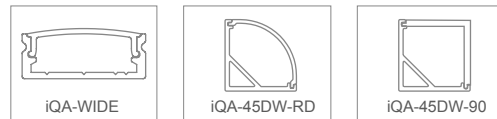
## iQ67-AB-50-4.4

Max Run / Reel Length: 21ft\* | Color: AB (AMBER) | Voltage: 24VDC  
CRI: 90+ | LM: 79 | WattsPer Ft: 4.4 | Wave length: 585 - 595 nm  
Lumens Per Ft: 51

\*Maximum length for one run of iQ67 LED 2.6 & 4.4. Individual Power supply cut sheets will provide max distance/loads per power supply.

**NOTE:** Q-Tran offers multiple LED Chip offerings based upon size and pitch, each utilizing its own binning. Utilization of multiple outputs within the same chip family will ensure lawless color matching and similar overall diffusion.

## COMPATIBLE EXTRUSIONS



**NOTE:** Can be used in wet locations.

## COMPATIBLE POWER SUPPLIES

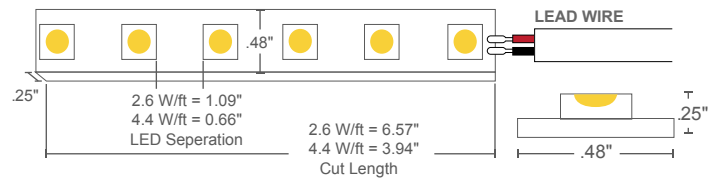
### Interior Applications

- QJB & QJBL
- Q6M-DC & DC+CAP
- QTM-eLED, QTM-DC & DC+CAP
- iQ-PH

### Exterior Applications

- QOM-eLED, QOM-DC & DC+CAP
- Q-SET-eLED & Q-SET-mLED
- Q-HEX-Mini-DC
- iQ-PH

## DIMENSIONS



**NOTE:** Cut marks of LED tape allows for changes in the field.

**2.6 watts per foot= cut every 6.57"**

**4.4 watts per foot= cut every 3.94"**

Lead wire comes standard on all LEDs in 18" (20/2 AWG)



2016.V02

PROJECT NAME	DATE	COMPANY	TYPE	NOTE



# iQLED PHOTOMETRIC

## iQ67 2.6&4.4 W/Ft

### iQ67-AB-50-2.6

Light efficiency:

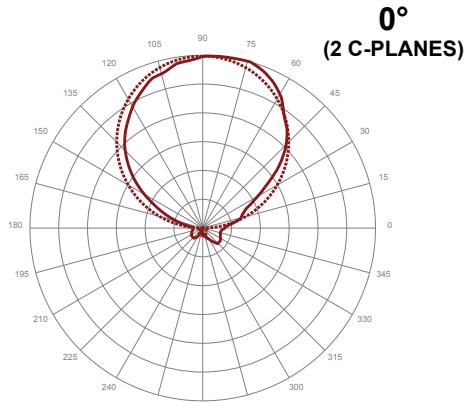
12 Lumen/Watt

Light quality:

CRI : -11.9

Color temperature:

1790 K



Electrical Test Condition for 1 foot

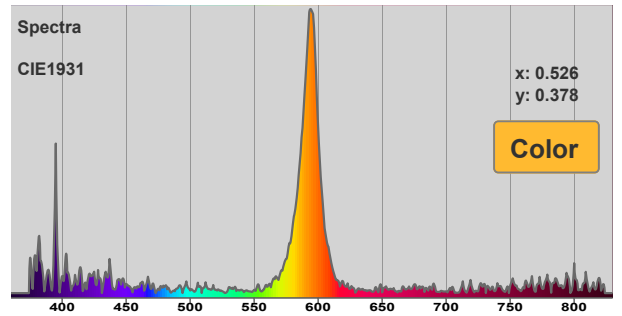
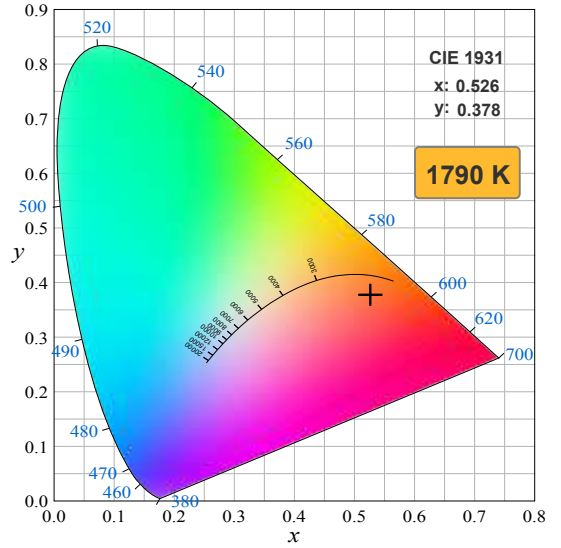
**Output:** 31 lm/ft **Peak:** 9.3 cd **Power:** 2.6 W/ft **0V @ 0A**

#### BEAM DETAILS

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120°cone	Intensity ratio in 90°cone
0°	0°	0°	0.0%	0.0%

#### COLOR PARAMETERS

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
1790 K	-11.9	-373.4	0	0	0.0	0.5	0.4	0	0	0



### iQ67-AB-50-4.4

Light efficiency:

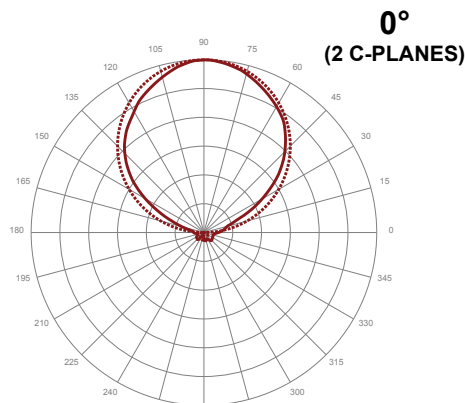
12 Lumen/Watt

Light quality:

CRI : -8.3

Color temperature:

1675 K



Electrical Test Condition for 1 foot

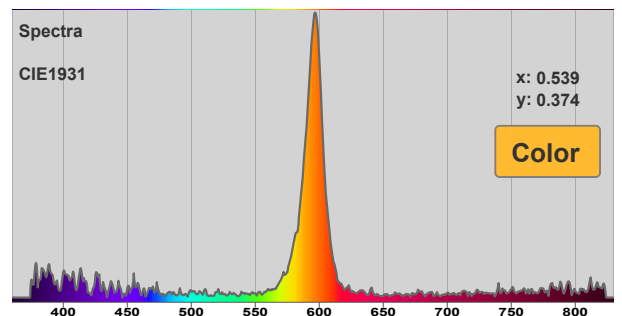
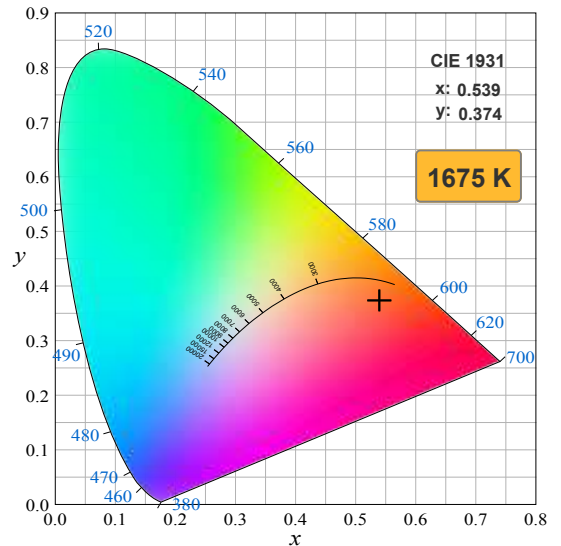
**Output:** 51 lm/ft **Peak:** 16.3 cd **Power:** 4.4 W/ft **0V @ 0A**

#### BEAM DETAILS

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120°cone	Intensity ratio in 90°cone
0°	0°	0°	0.0%	0.0%

#### COLOR PARAMETERS

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
1675 K	-8.3	-358.4	0	0	0.0	0.5	0.4	0	0	0





# iQLED PHOTOMETRIC

## iQ67 4.4 W/Ft

### iQ67-AB-50-4.4-iQA-45DW-90-DF

0°  
(2 C-PLANES)

Light efficiency:

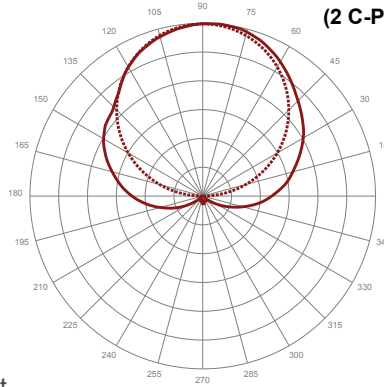
9 Lumen/Watt

Light quality:

CRI : -16.4

Color temperature:

1527 K



Electrical Test Condition for 1 foot

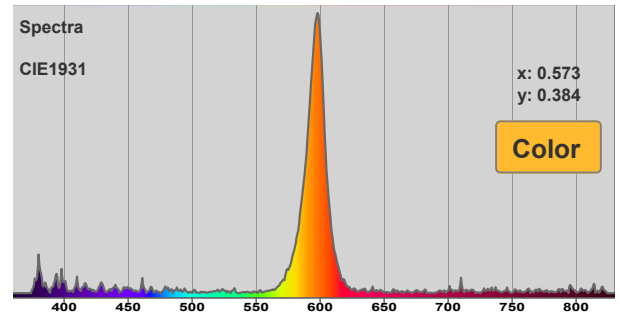
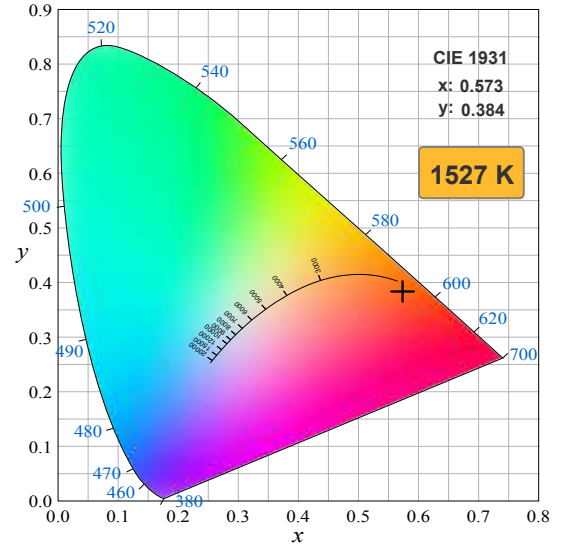
**Output:** 38 lm/ft **Peak:** 9.1 cd **Power:** 4.4 W/ft **0V @ 0A**

#### BEAM DETAILS

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120°cone	Intensity ratio in 90°cone
0°	0°	0°	0.0%	0.0%

#### COLOR PARAMETERS

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
1527 K	-16.4	-371.5	0	0	0.0	0.6	0.4	0	0	0

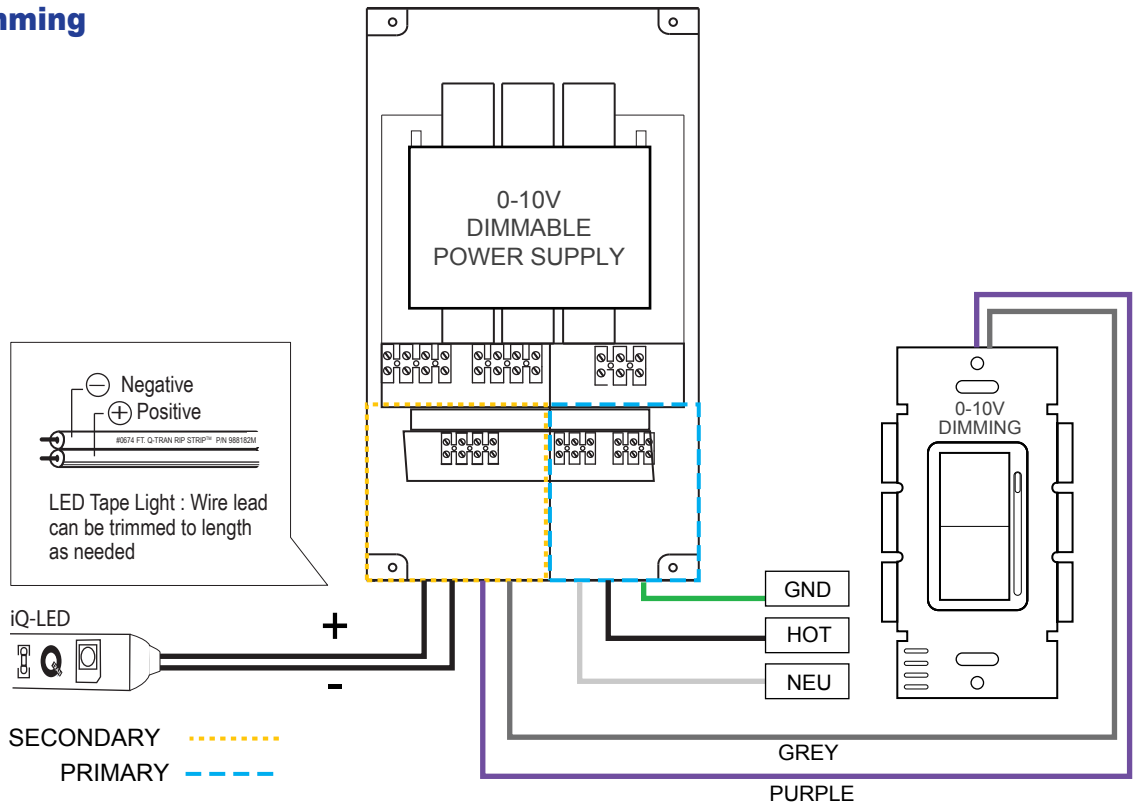




# iQ LED TAPE LIGHT COMPATIBLE POWER SUPPLIES

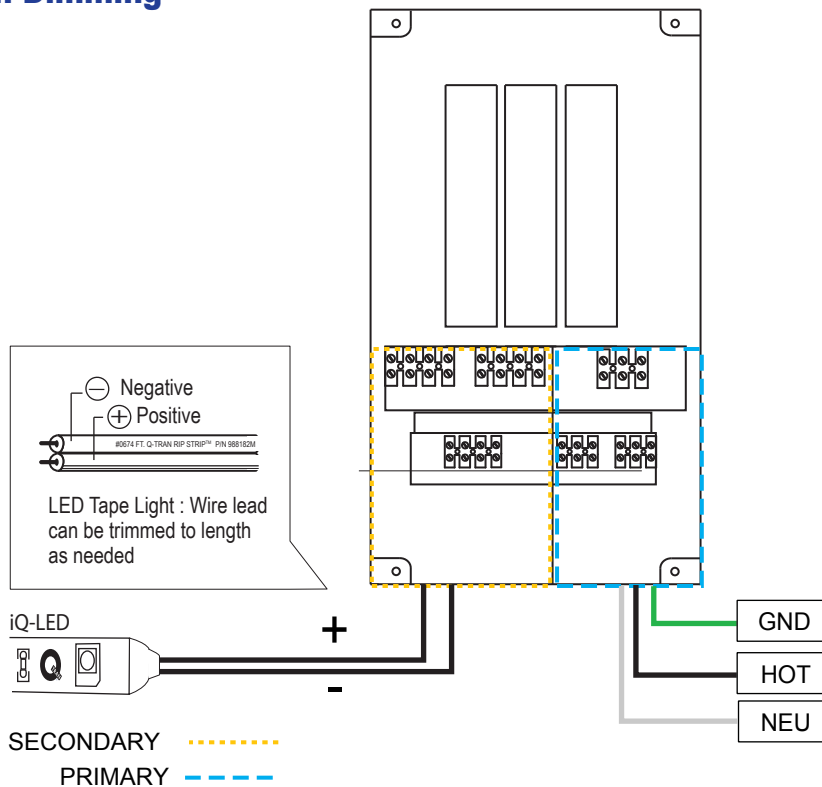
## Electronic 0-10V Dimming

**QTM** for interior  
**QOM** for exterior



## Electronic Driver Non-Dimming

**QTM** for interior  
**QOM** for exterior

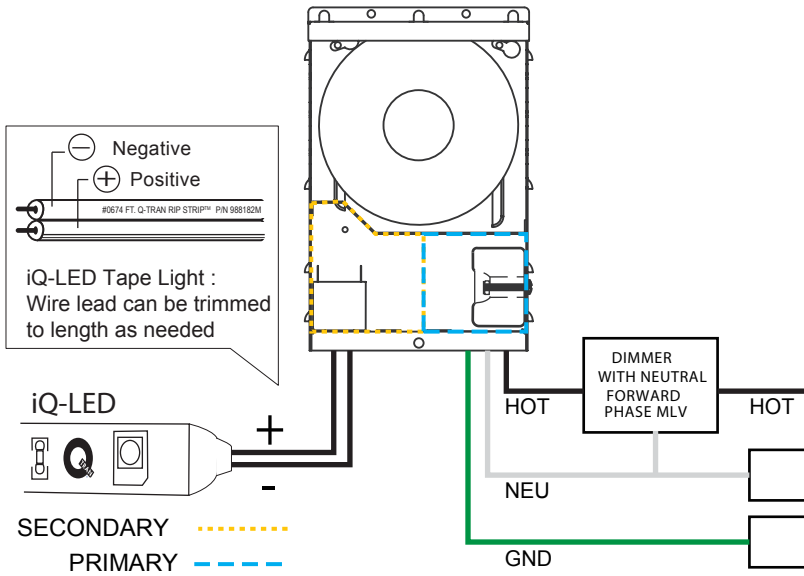




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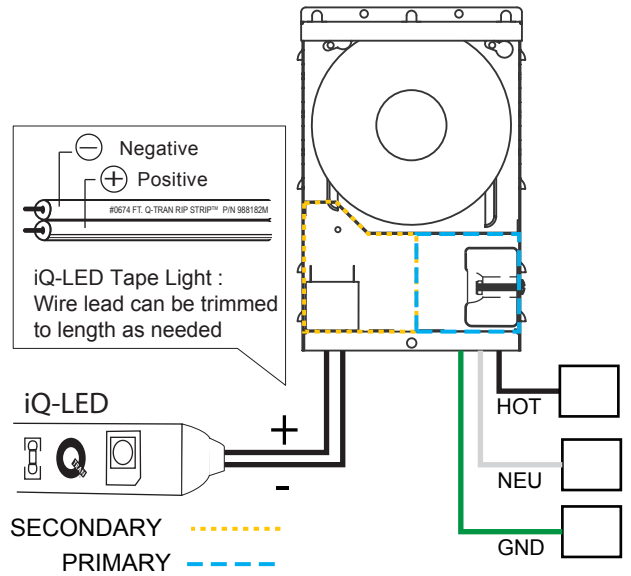
## Magnetic with Dimmer DC or DC+CAP

QT & Q6 for interior  
QOM for exterior



## Magnetic without Dimmer DC or DC+CAP

QT & Q6 for interior  
QOM for exterior



## Phase Controlled Dimming

iQ-PH-80

