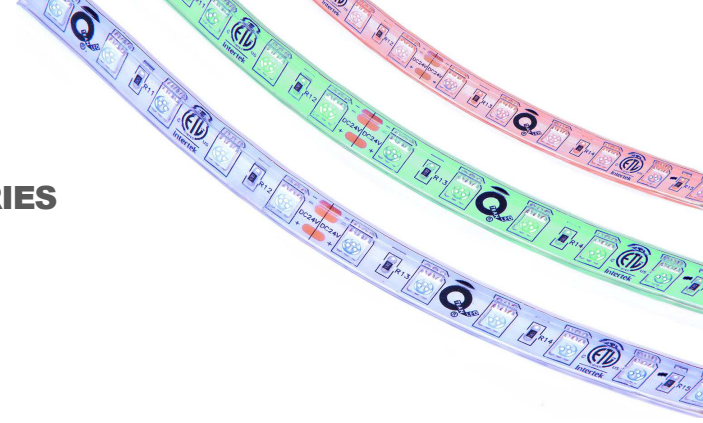




iQLED TAPE LIGHT **5050 CHIP SERIES**

iQ67 4.4 W/ft

STATIC COLOR: WET RATED



iQ67 is available in static color. The term “Static” refers to ability of each color produce only one of the three primary colors (Red, Blue, Green) instead of all three; or a spectrum of color hues associated with RGB (Example iQ67 Red, iQ67 Blue, iQ67 Green). This easy to install, flexible product is suitable for indoor, dry locations and can be cut to specification at Q-Tran. Changes can also be made in the field. iQ67 LED Flexible Tape Light is available in 4.4 watts per foot, is 24VDC.

iQ67 - - **50** - **4.4** -

iQ Series Color Chip Watts Per FT Length

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" cut points
- Field cuttable
- 3 year Warranty

iQ67-RD-50-4.4

Max Run / Reel Length: 21ft* | Color: RED (RD) | Voltage: 24VDC
Watts Per Ft: 4.4 | Wave length: 620-630 nm

iQ67-GR-50-4.4

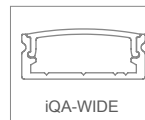
Max Run / Reel Length: 21ft* | Color: GREEN (GR) | Voltage: 24VDC
Watts Per Ft: 4.4 | Wave length: 515-525 nm

iQ67-BL-50-4.4

Max Run / Reel Length: 21ft* | Color: BLUE (BL) | Voltage: 24VDC
Watts Per Ft: 4.4 | Wave length: 465-475 nm | Lumens Per Ft: 56

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

COMPATIBLE EXTRUSIONS



NOTE: Can be used in wet locations.

COMPATIBLE POWER SUPPLIES

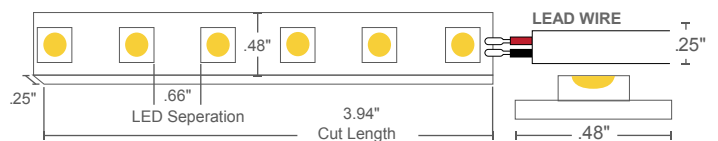
Interior Applications

- QJB-DC
- QJBL-DC
- QJBL-DC+CAP
- Q6S-DC
- Q6M-DC+CAP
- QTM-DC
- QTM-DC+CAP
- QTM-eLED
- QTM-eLED(L)
- QTM-eLED(E)
- iQ-PH

Exterior Applications

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

DIMENSIONS



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 flawless color matching and similar overall diffusion.
• Field modifications of factory installed LEDs are not covered under Q-Tran warranty.



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

4.4 watts per foot = cut every 3.94"

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

2017.V02

PROJECT NAME	DATE	COMPANY	TYPE	NOTE



iQ LED PHOTOMETRIC

iQ67 FOOT W/Ft

iQ67-BL-50-4.4

Light efficiency:

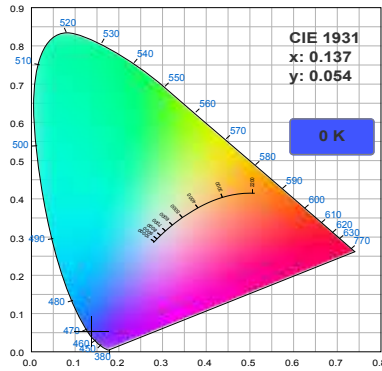
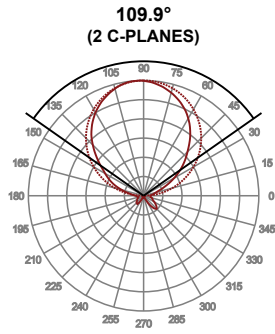
13 Lumen/Watt

CRI:

0.0

Color temperature:

0K



Electrical Test Condition for 1 foot

Output: 56.1 lm/ft **Peak:** 18.1 cd **Power:** 4.4 W/ft **24V@ 0.18A**

COLOR PARAMETERS

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.137	0.054	0.162	0.097	n/a

CRI R Values, only R1-R8 are used to calculate final CRI value

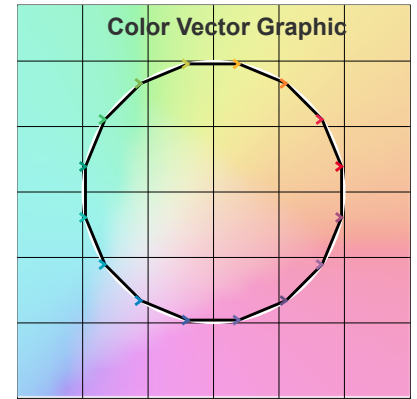
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

BEAM DETAILS

Beam angle 50%	Field angle 50%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
109.9°	199.4°	242.5°	0.7%	0.5%

Beam Intensities in Footcandles (from 1-20m)

3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
1.7	0.4	0.2	0.1	0.1	0	0	0	0	0



Hue Bin	R _f	Graphics Shift	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

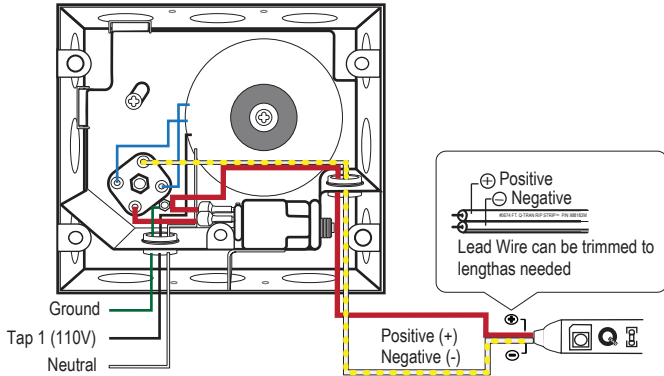
iQ LED TAPE LIGHT COMPATIBLE POWER SUPPLIES

- All DC and mLED Power supplies should be de-rated by 20%**
- DC and mLED power supplies may produce flicker when dimming. For optimal dimming performance, use the iQ-PH or DC+CAP products.

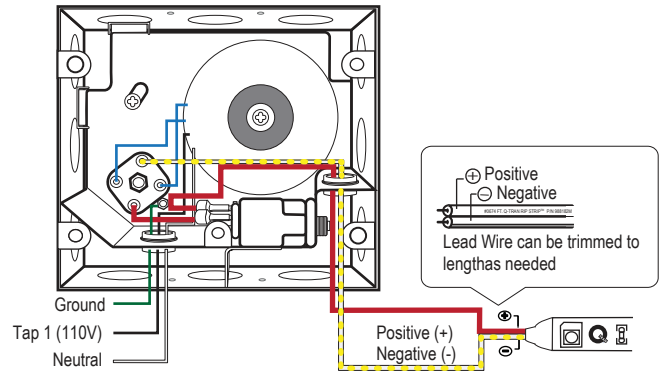
JUNCTION BOX

QJB

QJB-20DC-120/12**

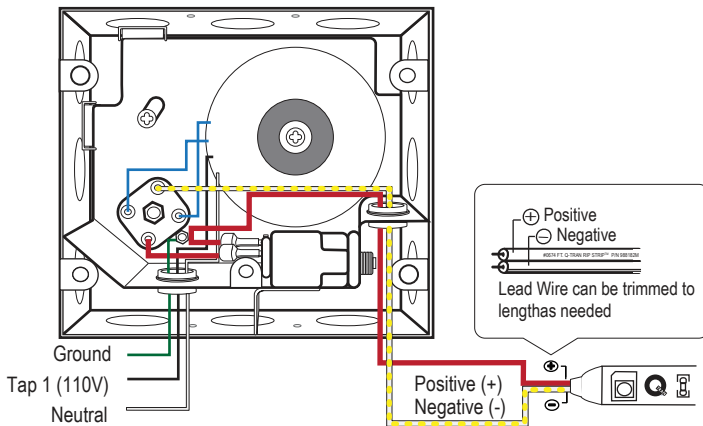


QJB-20DC-120/24**

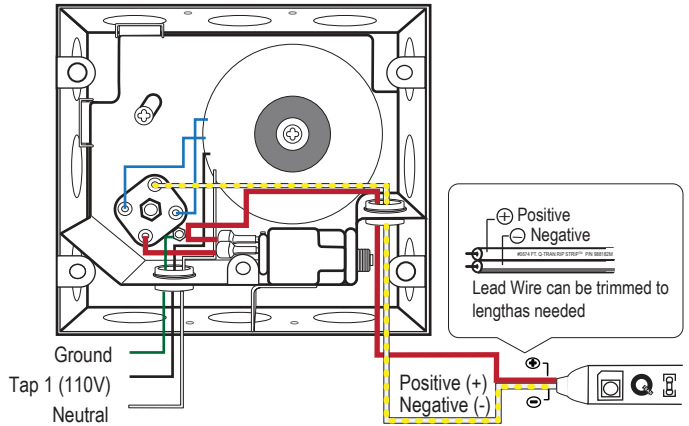


QJBL

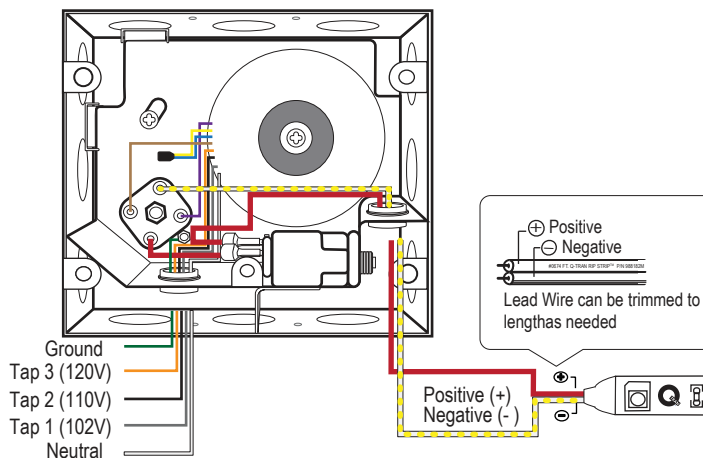
QJBL-20DC-120/12**



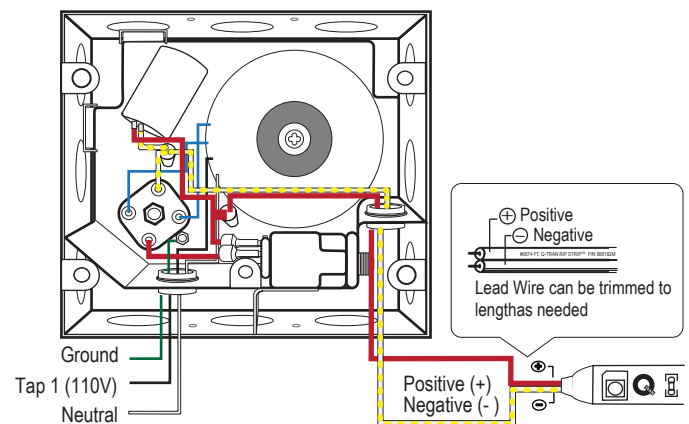
QJBL-20DC-120/24**



QJBL-40DC-120/24**



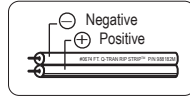
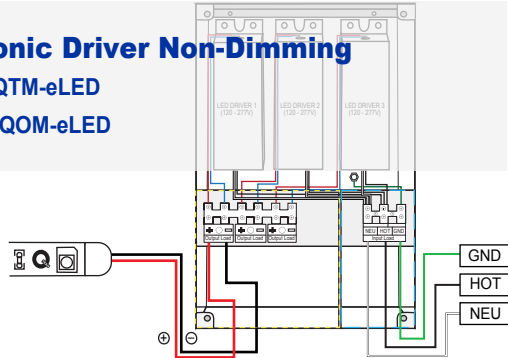
QJBL-20DC+CAP-120/24



Electronic Driver Non-Dimming

Interior: QTM-eLED

Exterior: QOM-eLED

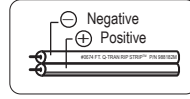
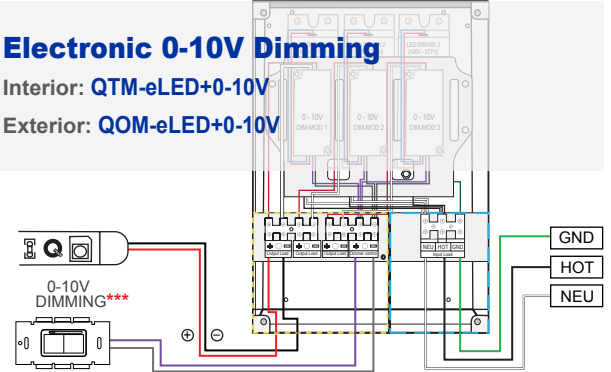


SECONDARY
PRIMARY - - - - -

Electronic 0-10V Dimming

Interior: QTM-eLED+0-10V

Exterior: QOM-eLED+0-10V

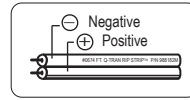
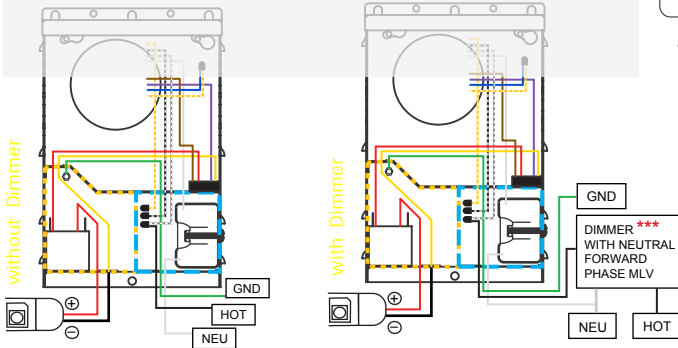


SECONDARY
PRIMARY - - - - -

Magnetic Interior: Q6S-DC or QTM-DC

(DC)**

Exterior: QOM-DC

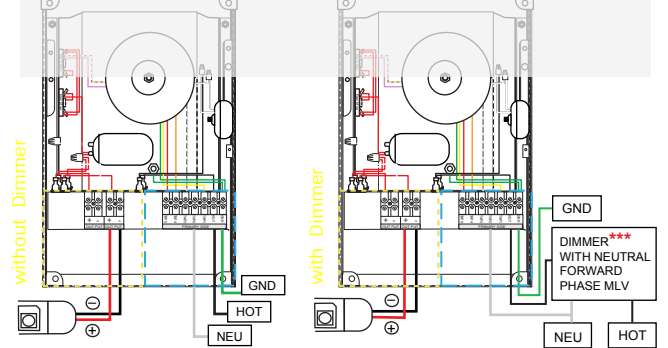


SECONDARY
PRIMARY - - - - -

Magnetic Interior: Q6M-DC+CAP or QTM-DC+CAP

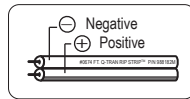
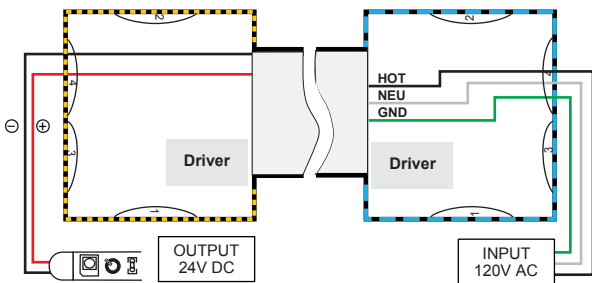
(DC+CAP)

Exterior: QOM-DC+CAP



Phase Controlled Dimming

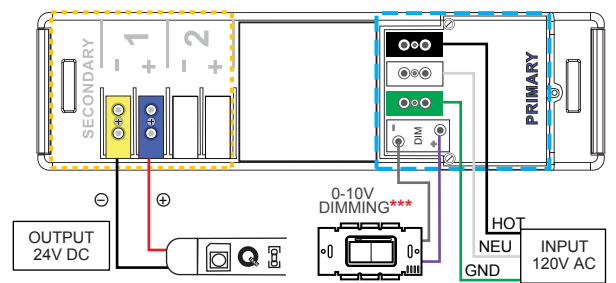
Interior and Exterior: iQ-PH



SECONDARY
PRIMARY - - - - -

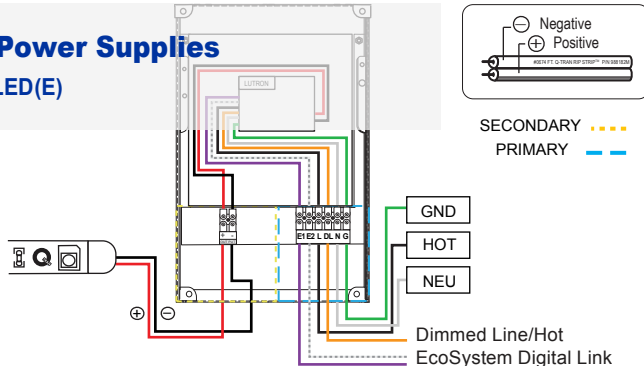
Electronic with 0-10V Dimming options

Exterior: Q-SET-eLED+0-10V



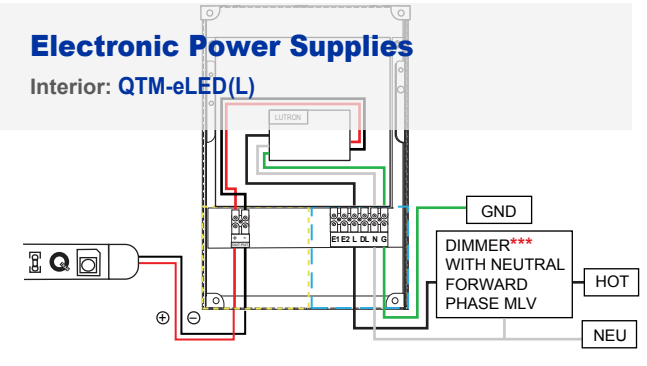
Electronic Power Supplies

Interior: QTM-eLED(E)



Electronic Power Supplies

Interior: QTM-eLED(L)



***Customer provided