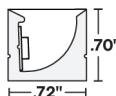




# Q-CAP KURV™ RGBW HIGH EFFICACY

## 24VDC Flexible Fixtures



- Flexible encapsulated fixture
- Side bend
- 6" bend radius
- Interior and exterior rated (not including FC)
- Seven different mounting options
- Available in a seamless configuration for a continuous line of light
- Utilize clear endcaps for continuous runs
- Do not cut Non-Field Cuttable Q-CAP flexible fixtures
- IK10 impact rated

### ORDERING PROCESS

**A** Specify Non-Field Cuttable Q-CAP

**B** (Optional) Specify field cuttable 4' piece - used to adjust total run length in the field (dry applications only)

### A. NON-FIELD CUTTABLE Q-CAP

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
PRODUCT	MOUNTING	RATED	CCT	WATTAGE	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	END CAPS	LENGTH (IN)	EXACT/ OPTIMAL
KURV-RGBW				4.0HE							

Sample Part Number: KURV-RGBW-PPS-2-DRY-RGBW-30-4.0HE-ENC/TL-P1-BW-BW-N/A-48"-E

<b>A1</b> <b>PRODUCT</b>  KURV-RGBW  See last page for compatible power supplies.	<b>A2</b> <b>MOUNTING</b>  RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel PPS-2 PVC Clip PPS-96 PVC Channel PPS-LP-2 PVC Low Profile Clip PPS-LP-96 PVC Low Profile Channel WSC White Snug Clip BN-SB-SST-16' 16' BENDIT Side Stainless Steel Channel BN-SB-SST-32' 32' BENDIT Side Stainless Steel Channel BN-SB-WH-16' 16' BENDIT Side White Stainless Channel BN-SB-WH-32' 32' BENDIT Side White Stainless Channel  White snug clip only for indirect cove use, not intended for hanging fixtures upside down.  PPS mounting clip recommended for seamless applications	<b>A3</b> <b>RATED</b>  DRY IP20 WET IP67	<b>A4</b> <b>CCT</b>  RGBW-27 RGBW-2700K RGBW-30 RGBW-3000K RGBW-35 RGBW-3500K RGBW-40 RGBW-4000K	<b>A5</b> <b>WATTAGE</b>  4.0HE 4.0WHE-SO SO: Standard Output
<b>A6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>A7</b> <b>WIRE INPUT/OUTPUT</b>  S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed S6 Single 6 (Input only) - Seamless Feed  P1 Pass Through 1 (Input/Output) - End Feed P2 Pass Through 2 (Input/Output) - Bottom Feed P3 Pass Through 3 (Input/Output) - Left Side Feed P4 Pass Through 4 (Input/Output) - Right Side Feed P5 Pass Through 5 (Input/Output) - Seamless Feed P6 Pass Through 6 (Input/Output) - Seamless Feed	<b>A8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"  BW: Standard length is 24", Max length is 120'. Request custom length by writing in part number next to BW (example: BW48)	<b>A9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)	
<b>A10</b> <b>END CAPS</b>  Single CL Clear WH White  Pass Through N/A Not Applicable	<b>A11</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 191" not including end caps. Contact us for lengths under 12". Available in 2" increments.	<b>A12</b> <b>EXACT/OPTIMAL</b>  O Optimal Illumination E Exact Specified Length  Exact fixtures are the exact length specified +0 - 1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.		

5 year warranty | Side Bend | Data subject to change, all data has +/- 5% tolerance | Ambient or mounting surface must not be lower than -4°F or higher than 125°F | Patent # D863646 S, 10,619,828 B2 | Only FC fixtures are Field-Cuttable per installation instructions | Field Cuttable is not returnable or refundable after it has been cut



# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

## B. FIELD CUTTABLE Q-CAP

B1 PRODUCT	B2 MOUNTING	B3 RATED	B4 CCT	B5 WATTAGE	B6 LENS	B7 WIRE INPUT/OUTPUT	B8 CONNECTOR/WIRE IN	B9 CONNECTOR/WIRE OUT	B10 END CAPS	B11 LENGTH (IN)	B12 EXACT/ OPTIMAL
KURV-FC-RGBW		DRY		4.0HE				N/A	CL	48"	N/A

Sample Part Number: KURV-RGBW-PPS-2-DRY-RGBW-30-4.0HE-ENC/TL-P1-BW-BW-N/A-48"-E

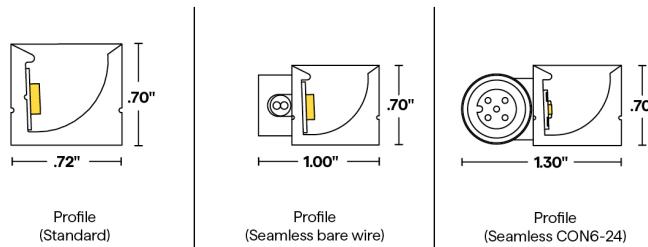
<b>B1</b> <b>PRODUCT</b>  KURV-FC-RGBW  See last page for compatible power supplies.	<b>B2</b> <b>MOUNTING</b>  RLC Rigid Lock Channel MC Magnetic Clip SGC Side Graze Channel PPS-2 PVC Clip PPS-96 PVC Channel PPS-LP-2 PVC Low Profile Clip PPS-LP-96 PVC Low Profile Channel WSC White Snug Clip BN-SB-SST-16' 16' BENDIT Side Stainless Steel Channel BN-SB-SST-32' 32' BENDIT Side Stainless Steel Channel BN-SB-WH-16' 16' BENDIT Side White Stainless Channel BN-SB-WH-32' 32' BENDIT Side White Stainless Channel  White snug clip only for indirect cove use, not intended for hanging fixtures upside down.  PPS mounting clip recommended for seamless applications	<b>B3</b> <b>RATED</b>  DRY IP20	<b>B4</b> <b>CCT</b>  RGBW-27 RGBW-2700K RGBW-30 RGBW-3000K RGBW-35 RGBW-3500K RGBW-40 RGBW-4000K	<b>B5</b> <b>WATTAGE</b>  4.0HE 4.0WHE-SO  SO: Standard Output
<b>B6</b> <b>LENS</b>  ENC/CL Encapsulated in Clear ENC/TL Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages	<b>B7</b> <b>WIRE INPUT/OUTPUT</b>  S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed S5 Single 5 (Input only) - Seamless Feed S6 Single 6 (Input only) - Seamless Feed	<b>B8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"  ▶	<b>B9</b> <b>CONNECTOR/WIRE OUT</b>  N/A Closed End (No feed)  ▶	
<b>B10</b> <b>END CAPS</b>  CL Clear  Due to cutting, white endcaps are not available.	<b>B11</b> <b>LENGTH (IN)</b>  48" Nominal  Starting Run length is 48.55" for S1, S5, S6 and 48.75" for S2, S3, S4 Each cut point subtracts from the Starting Run Length 6.0 has a 2" cut point S2, S3, & S4 can be cut down to as little as 2.75" S1 can be cut down to as little as 2.55" S5 & S6 can be cut down to as little as 6.55"	<b>B12</b> <b>EXACT/OPTIMAL</b>  N/A		
Single ▶				



# Q-CAP KURV™ RGBW HIGH EFFICACY

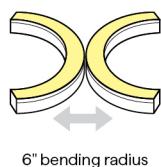
## 24VDC Flexible Fixtures

### 1 PRODUCT - DIMENSIONS



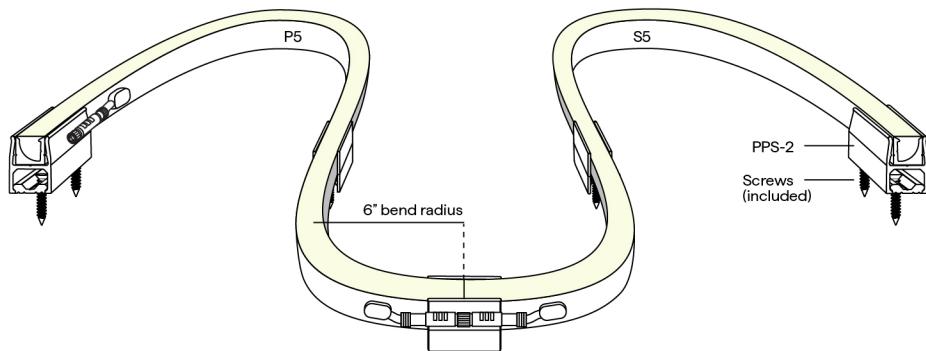
### BEND RADIUS

#### Side Bend



6" bending radius

### FLEXIBILITY



### 2 MOUNTING

#### WSC

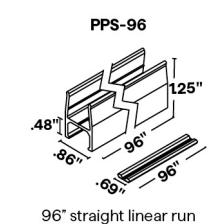




# Q-CAP KURV™ RGBW HIGH EFFICACY

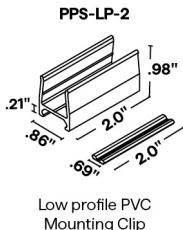
24VDC Flexible Fixtures

## MOUNTING CONTINUED

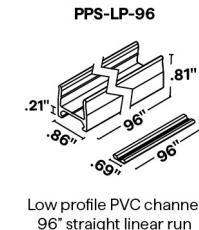


To order separately use KURV-PPS-96

Each clip comes with a #8" flat screw

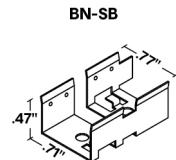


To order separately use KURV-PPS-LP-2



To order separately use KURV-PPS-LP-96

Each clip comes with a #8" flat screw



Horizontal Stainless Steel Flexible Channel

Continuous mounting solution for flexible fixtures, 16' or 32' field cuttable lengths

To order separately use either  
STND-QCAP-BN-SB-SST-16',  
STND-QCAP-BN-SB-SST-32',  
STND-QCAP-BN-SB-WH-16', or  
STND-QCAP-BN-SB-WH-32'

64 #4-40 1/2" screws provided per  
16'

## 4 / 5 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with KURV-RGBW-WSC-DRY

CCT	4.0HE W/FT Total Load 3.0W/FT Per Channel					
	ENC/CL	ENC/TL	ENC/CL	ENC/TL	Circuit	Wattage
Red	33	630	25	629	0.77	
Green	108	519	78	519	1.12	
Blue	27	466	20	464	1.1	

CCT	10W/FT Per Channel					
	ENC/CL	ENC/TL	ENC/CL	ENC/TL	Circuit	Wattage
2700K	57	98	48	97	0.86	
3000K	61	97	44	96	0.86	
3500K	68	96	55	97	0.86	
4000K	65	95	57	96	0.86	

## BUG RATING

WATTAGE	B	U	G
4.0(ALL CCTs & COLORS)	B0	U1	G0

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation



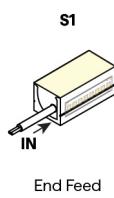
ENC/TL - Translucent encapsulation

## TEMPERATURE RATINGS

4.0 HE W/FT	
Min	Max
Ambient Operating Temp - Surface	-4°F 115°F
Storage Temp	-4°F 176°F
Installation Temp	50°F 100°F

## 7 WIRE INPUT/OUTPUT

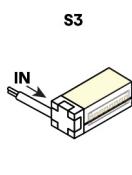
SINGLE (Input only)



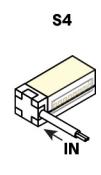
End Feed



Bottom Feed

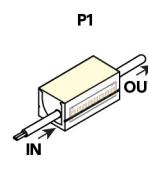


Side Feed - Left

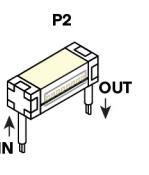


Side Feed - Right

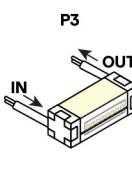
PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



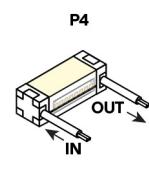
End Feed



Bottom Feed



Side Feed - Left



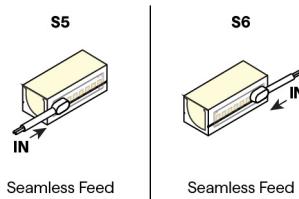
Side Feed - Right



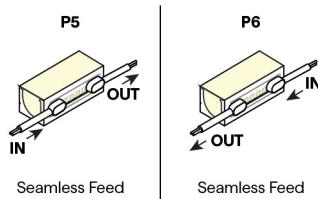
# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

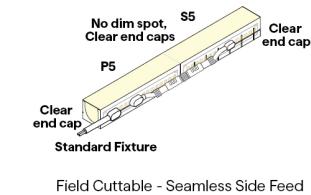
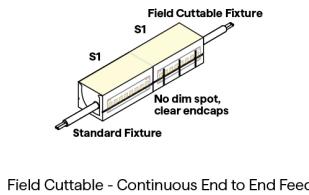
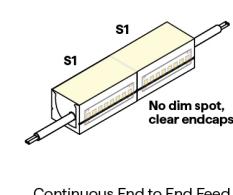
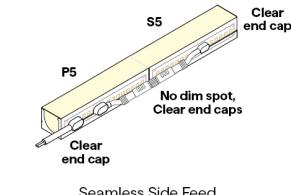
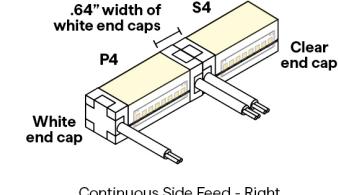
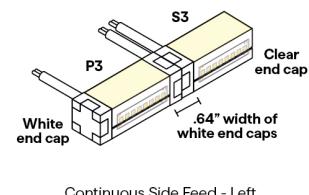
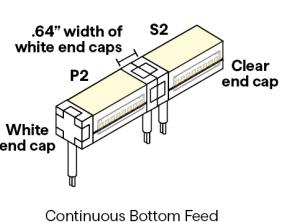
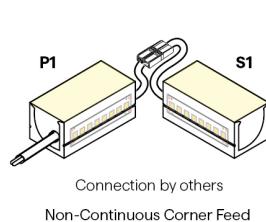
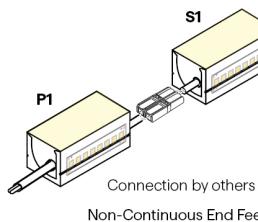
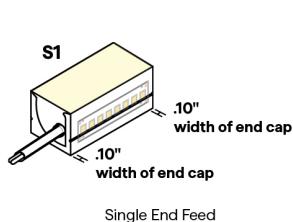
SEAMLESS SINGLE (Input only)



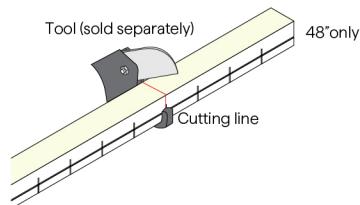
SEAMLESS PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



## CONFIGURATION OPTIONS



## FIELD CUTTABLE MARKING



Field cuttable fixtures are sold in 4' increments and go at the end of a run, allowing for easy field adjustment



**Note:** Only FC fixtures are field cuttable — Do not attempt to cut non FC fixtures.  
Cut only on the marked cut lines. Only cut from non-feed end. Do not attempt to cut while power is on.

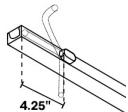


# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

## SEAMLESS

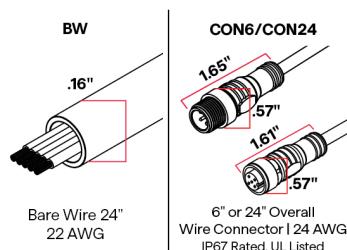
Shown with bare wire, connectors vary



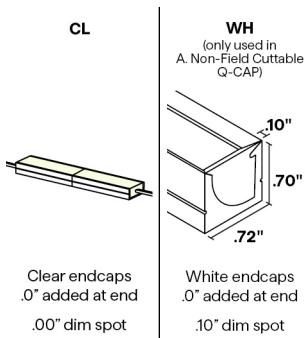
Omnidirectional  
wireways  
S5, S6, P5, P6

## 8 / 9 CONNECTOR/WIRE – IN/OUT

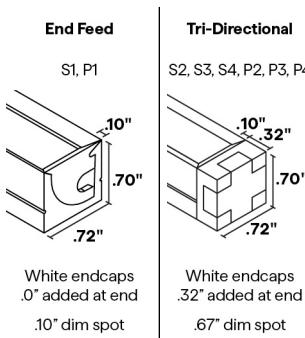
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out, and WH for End Caps



## 10 END CAPS (NO FEED)

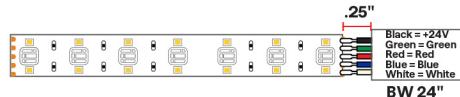


## END CAPS (WITH FEED)



## 11 LENGTH - WIRING DETAIL

4.0HEW | Available in 2" increments 12"-191"

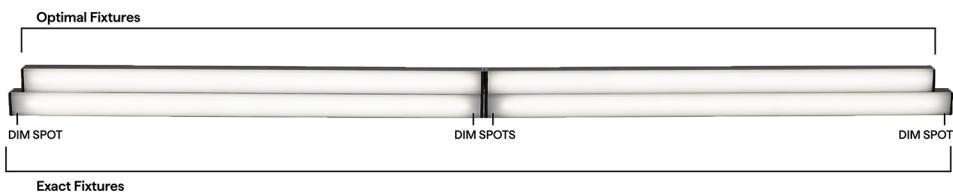


## 12 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.





# Q-CAP KURV™ RGBW HIGH EFFICACY

24VDC Flexible Fixtures

## RGBW-HE LENGTHS BY INCH

Available in any length in between 12" and 191", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture with S1 wireway
12"	1"
13"	.5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 S1	S2 & S3 & S4			P1	P2 & P3 & P4			S5 & S6 & P5 & P6	
12"	10.68"		10.98"		11.10"		11.85"		10.20"	
13"	12.68"		12.98"		11.10"		11.85"		12.20"	
14"	12.68"		12.98"		13.10"		13.85"		12.20"	
15"	14.68"		14.98"		13.10"		13.85"		14.20"	
16"	14.68"		14.98"		15.10"		15.85"		14.20"	
17"	16.68"		16.98"		15.10"		15.85"		16.20"	
18"	16.68"		16.98"		17.10"		17.85"		16.20"	
19"	18.68"		18.98"		17.10"		17.85"		18.20"	
20"	18.68"		18.98"		19.10"		19.85"		18.20"	
21"	20.68"		20.98"		19.10"		19.85"		20.20"	
22"	20.68"		20.98"		21.10"		21.85"		20.20"	
23"	22.68"		22.98"		23.10"		21.85"		22.20"	
24"	22.68"		22.98"		23.10"		23.85"		22.20"	
36"	34.68"		34.98"		35.10"		35.85"		34.20"	
48"	46.68"		46.98"		47.10"		47.85"		46.20"	
60"	58.68"		58.98"		59.10"		59.85"		58.20"	
72"	70.68"		70.98"		71.10"		71.85"		70.20"	
84"	82.68"		82.98"		83.10"		83.85"		82.20"	
96"	94.68"		94.98"		95.10"		95.85"		94.20"	

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGBW App Dongle	

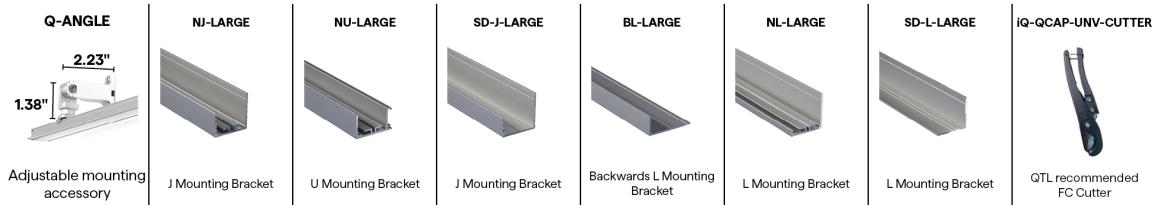
DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	



# Q-CAP KURV™ RGBW HIGH EFFICACY

## 24VDC Flexible Fixtures

### COMPATIBLE MOUNTING ACCESSORIES



### COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

### COMPATIBLE APPS

#### NFC APP



Read and write DMX addresses and adjust voltage