



iQ LED FLEX SERIES IP67  
**FLEX MEZA**  
 WET RATED



The FLEX Series is the ideal LED for architectural spaces where the light will be in direct view. As the name implies, these LED lights are flexible and can be easily molded into different curvatures. The enclosure and the lens allow for a perfect monochromatic light source with no hot spots. All of Q-Tran's FLEX Series lights are made with high quality SMD LED chips, are UV and flame resistant, and are extremely energy efficient. The FLEX Meza is available in white in a variety of different color temperatures; 2700K, 3000K, 3500K and 4000K. Perfect replacement for glass Neon such as indoor, outdoor, signage & architecture.

<b>iQ67</b>	-		-	<b>FMZ</b>	-	<b>80</b>	-	<b>3.3</b>	-	
iQ series		Color Temp		Flex series		CRI		Watts Per FT		Length

**iQ67-27-FMZ-80-3.3**

Max Run / Reel Length: 30ft | Color Temp: 2700K | Voltage: 24VDC  
 CRI: 80+ | Watts Per Ft: 3.3 | FMZ=Flex Meza

**iQ67-30-FMZ-80-3.3**

Max Run / Reel Length: 30ft | Color Temp: 3000K | Voltage: 24VDC  
 CRI: 80+ | Watts Per Ft: 3.3 | FMZ=Flex Meza | Lumens per foot: 171

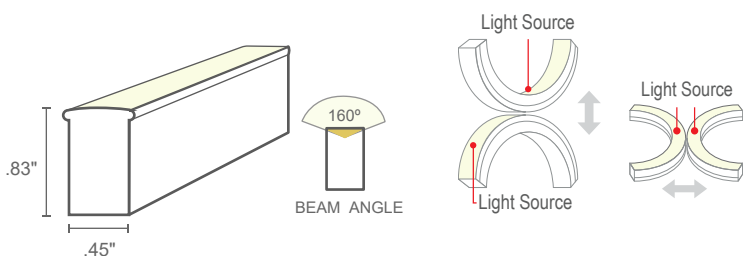
**iQ67-35-FMZ-80-3.3**

Max Run / Reel Length: 30ft | Color Temp: 3500K | Voltage: 24VDC  
 CRI: 80+ | Watts Per Ft: 3.3 | FMZ=Flex Meza

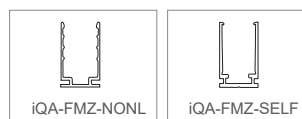
**iQ67-40-FMZ-80-3.3**

Max Run / Reel Length: 30ft | Color Temp: 4000K | Voltage: 24VDC  
 CRI: 80+ | Watts Per Ft: 3.3 | FMZ=Flex Meza | Lumens per foot: 142

**STANDARD DIMENSION**



**COMPATIBLE EXTRUSIONS**



**FEATURES**

- IK08 rated
- High quality SMD LED chip
- Ambient temperature: -4°F ~ +113°F
- UV & Flame resistant construction
- Uniform & Even light source w/no LED "hotspots"
- 4.72" min. bending diameter
- Run lengths up to 60 feet\*

\*For runs greater than 30 feet, 2 independent 100W drivers are required. One powering and wired to each end.

- Environmentally friendly & energy efficient
- UL 2108 – Low Voltage Lighting Systems
- UL 1598 – Luminaires
- 2 year warranty

**NOTE:** The warranty is only valid if compatible power supplies are used.

**COMPATIBLE POWER SUPPLIES**

**Interior Applications**

- Q6M-DC+CAP
- QTM-eLED, QTM-DC+CAP
- iQ-PH

**Exterior Applications**

- QOM-eLED, QOM-DC+CAP
- Q-SET-eLED
- iQ-PH

**CUTTING INSTRUCTIONS:**

This flex light can be cut on the dotted line mapped on the unit at every 3.94".



2019 0606 - V01

PROJECT NAME	DATE	COMPANY	TYPE	NOTE

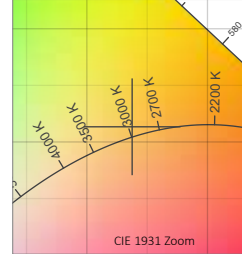
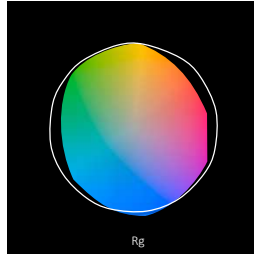
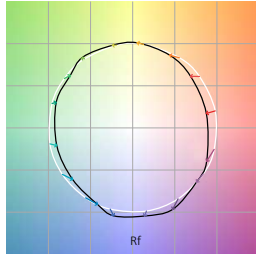


# FLEX SERIES IP67 COLOR DATA

## 3000K

3068 K

**CRI:** 81.3  
**CRI R9:** 10.0  
**TM30 Rf:** 82.0  
**TM30 Rg:** 95.7  
**CQS:** 81.4  
**X:** 0.438  
**Y:** 0.413  
**U:** 0.247  
**V:** 0.350  
**Auv:** 0.0036



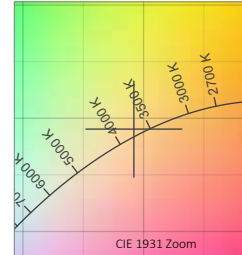
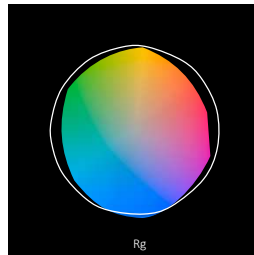
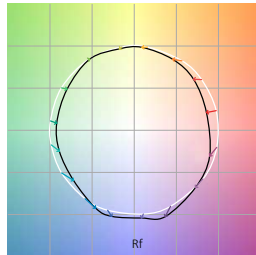
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
79.1	87.1	94.6	80.2	77.9	82.7	86.3	62.6	10.0	69.9	78.1	57.4	80.6	96.6	72.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
79.4	96.0	79.2	76.3	79.8	80.2	81.6	86.6	96.0	88.0	85.4	83.9	83.1	71.6	74.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77.9	79.3	74.7	86.1	90.0	92.3	85.3	90.7	86.0	74.1	73.5	84.1	88.5	80.1	78.3	76.1

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	78	-11%	-1%
2	79	-9%	6%
3	75	-4%	11%
4	86	0%	8%
5	90	1%	5%
6	92	3%	-2%
7	85	-4%	-7%
8	91	-5%	-2%
9	86	-8%	4%
10	74	-7%	12%
11	73	-1%	16%
12	84	7%	6%
13	89	5%	-3%
14	80	7%	-12%
15	78	-1%	-12%
16	76	-6%	-16%

## 4000K

3811 K

**CRI:** 81.9  
**CRI R9:** 10.8  
**TM30 Rf:** 81.2  
**TM30 Rg:** 93.7  
**CQS:** 81.7  
**X:** 0.392  
**Y:** 0.390  
**U:** 0.227  
**V:** 0.339  
**Auv:** 0.0031



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
79.6	88.1	94.5	79.4	78.6	83.1	87.0	65.1	10.8	71.4	76.8	55.9	81.6	96.9	73.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
81.7	97.6	79.0	73.5	77.8	79.6	82.7	88.0	97.3	88.9	85.2	84.0	83.5	72.8	76.3	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77.1	81.0	76.6	85.6	88.7	93.2	87.9	85.5	81.3	69.9	72.8	81.7	89.8	80.3	77.8	75.2

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	77	-12%	0%
2	81	-8%	6%
3	77	-5%	10%
4	86	-2%	6%
5	89	-2%	3%
6	93	0%	-2%
7	88	-6%	-2%
8	86	-8%	1%
9	81	-8%	9%
10	70	-7%	15%
11	73	2%	17%
12	82	6%	6%
13	90	4%	-3%
14	80	7%	-12%
15	78	-2%	-13%
16	75	-6%	-12%

**NOTES:**

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance



FLEX SERIES IP67

# COMPATIBLE EXTRUSIONS

## iQA-FMZ-NONL: Non-Self-locking aluminum profile

Technical drawing of the iQA-FMZ-NONL aluminum profile. It includes three views: a side view showing a length of 7.85" and a screw hole with a diameter of 0.27" and a depth of 0.72"; a bottom view showing a length of 7.85" and a total length of 19.75"; and a Flex LED view showing a length of 4" and a screw hole with a diameter of 0.27". Dimensions for the profile are: 0.52" (top flange), 0.78" (total height), 0.86" (bottom flange), 0.48" (top flange thickness), 0.32" (bottom flange thickness), and 0.54" (bottom flange width).

<b>Length</b>	: 1.5, 19.75, 39.5, 79 in
<b>Dimension</b>	: 0.54 x 0.86 x 0.52 in
<b>Material</b>	: Anodized Aluminum
<b>Fits</b>	: Flex Meza, Flex Round
<b>Screws</b>	: 0.72 x 0.27 in

## iQA-FMZ-SELF: Self-locking aluminum profile (Used with clip)

Technical drawing of the iQA-FMZ-SELF aluminum profile. It includes a side view showing a length of 39.5" and a screw hole with a diameter of 0.27" and a depth of 0.72". Dimensions for the profile are: 0.67" (top flange), 0.82" (total height), 0.93" (bottom flange), 0.54" (top flange thickness), 0.41" (bottom flange thickness), and 0.65" (bottom flange width). The drawing also shows the profile being assembled with clips, with dimensions for the clips: 0.78" (clip height), 0.67" (clip width), 0.49" (clip depth), and 0.55" (clip thickness).

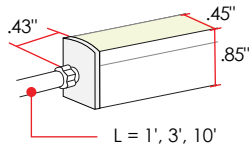
<b>Length</b>	: 1.5, 19.75, 39.5, 79 in
<b>Dimension</b>	: 0.65 x 0.93 x 0.67 in
<b>Material</b>	: Anodized Aluminum
<b>Fits</b>	: Flex Meza, Flex Round
<b>Screws</b>	: 0.72 x 0.27 in



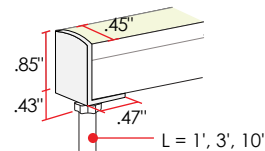
FLEX SERIES IP67

# TYPES OF CONNECTOR

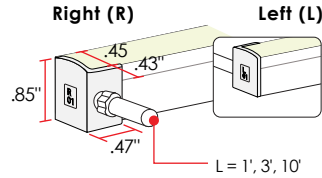
## INJECTION-MOLDED CONNECTOR



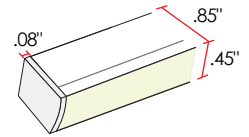
**FMZ - IMFC -**   
FRONT L = 1', 3', 10'



**FMZ - IMBC -**   
BACK L = 1', 3', 10'

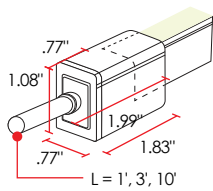


**FMZ - IMSC -**  -   
SIDE L or R L = 1', 3', 10'

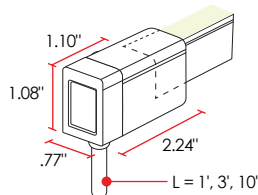


**FMZ - IMEC**  
END CAP

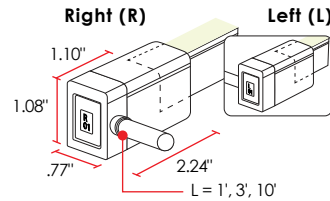
## SNAP CONNECTOR



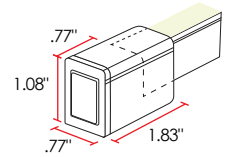
**FMZ - SNFC -**   
FRONT L = 1', 3', 10'



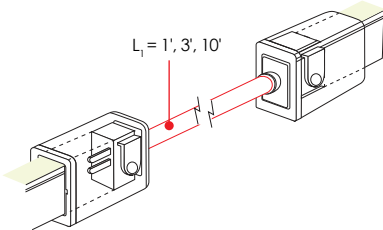
**FMZ - SNBC -**   
BACK L = 1', 3', 10'



**FMZ - SNSC -**  -   
SIDE L or R L = 1', 3', 10'



**FMZ - SNEC**  
END CAP



**FMZ - SNJC -**   
JUMPER L = 1', 3', 10'