



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.

iQ67	-		-	FMZ	-	80	-	3.3	-	
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

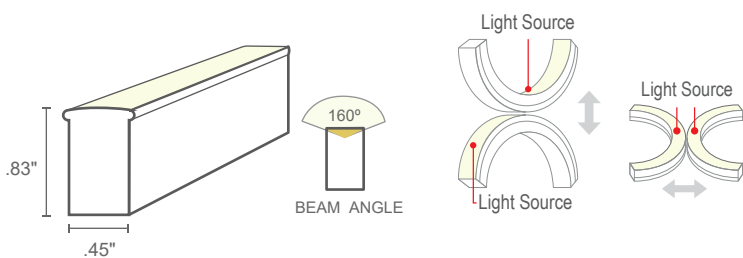
iQ67-35-FMZ-80-3.3

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

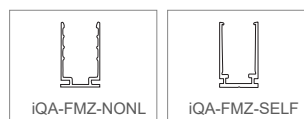
iQ67-40-FMZ-80-3.3

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

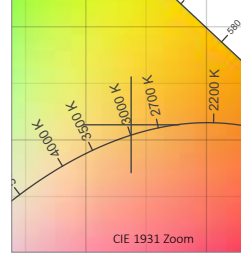
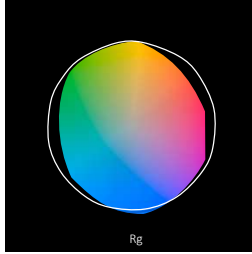
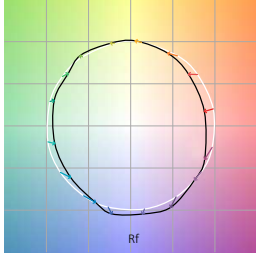


FLEX SERIES IP67 COLOR DATA

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



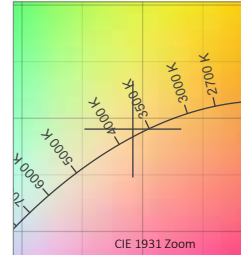
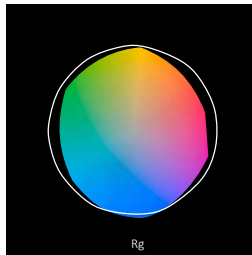
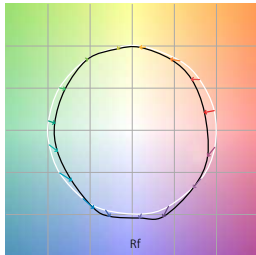
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
79.1	87.1	94.6	80.2	77.9	82.7	86.3	62.6	10.0	69.9	78.1	57.4	80.6	96.6	72.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
79.4	96.0	79.2	76.3	79.8	80.2	81.6	86.6	96.0	88.0	85.4	83.9	83.1	71.6	74.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	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 _f	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 _f	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 7.85" length and a 0.54" width; a bottom view showing a 19.75" length and a 7.85" width; and a Flex LED view showing a 4" length. A callout shows a screw with dimensions 0.27" and 0.72". Another callout shows the profile's cross-section with dimensions 0.52", 0.78", 0.86", 0.48", 0.32", and 0.54". A 3D perspective view of the profile is shown on the right.

Length	: 1.5, 19.75, 39.5, 79 in
Dimension	: 0.54 x 0.86 x 0.52 in
Material	: Anodized Aluminum
Fits	: Flex Meza, Flex Round
Screws	: 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 39.5" length and a 0.65" width. A callout shows the profile's cross-section with dimensions 0.67", 0.82", 0.93", 0.54", 0.41", and 0.65". A 3D perspective view of the profile with a clip is shown on the right. An assembly diagram shows the profile being secured with clips, with dimensions 0.78", 0.67", 0.49", and 0.55" shown for the clip assembly.

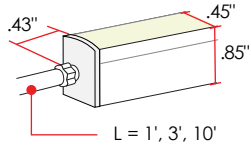
Length	: 1.5, 19.75, 39.5, 79 in
Dimension	: 0.65 x 0.93 x 0.67 in
Material	: Anodized Aluminum
Fits	: Flex Meza, Flex Round
Screws	: 0.72 x 0.27 in



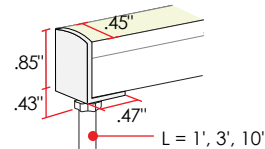
FLEX SERIES IP67

TYPES OF CONNECTOR

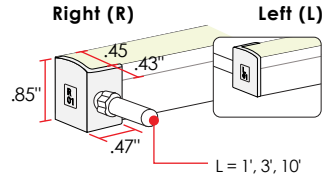
INJECTION-MOLDED CONNECTOR



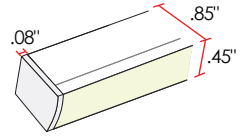
FMZ - IMFC -
FRONT L = 1', 3', 10'



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

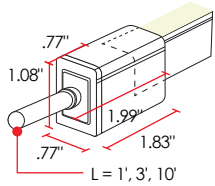


FMZ - IMSC - -
SIDE L or R L = 1', 3', 10'

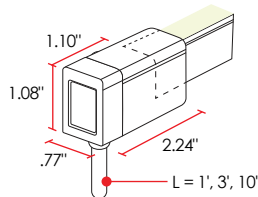


FMZ - IMEC
END CAP

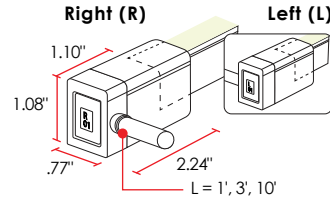
SNAP CONNECTOR



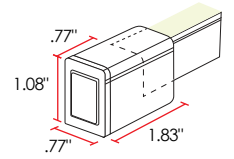
FMZ - SNFC -
FRONT L = 1', 3', 10'



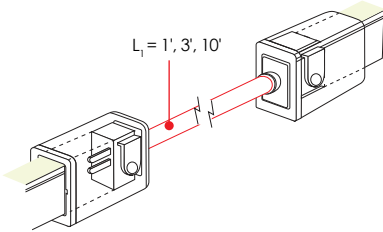
FMZ - SNBC -
BACK L = 1', 3', 10'



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



FMZ - SNEC
END CAP



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