

## LED Flood Light LOW POWER



### Small Body, High Quality Light

Topaz's Low Power Flood Light is designed with a sturdy die-cast aluminum housing and IK10 impact rated polycarbonate lens to withstand extreme conditions. With two available mounting options, this fixture is ideal for a variety of applications such as pedestrian walkways, building facades and illuminating signage or monuments. With a low-maintenance 50,000 hour functional life, this luminaire saves labor and energy costs.

### FEATURES

- NEMA distribution 7H x 7V, provides very wide distribution of 160°H x 140°V
- Die-cast aluminum housing with thermal management and IK10 impact rated polycarbonate lens
- Knuckle and yoke mounting models available
- Suitable for mounting heights 15 to 20 feet
- Includes 12-inch power leads (knuckle mount) or 4-foot power cord (yoke mount)
- Intergrated knockout for optional photocell<sup>1</sup>

### SUGGESTED APPLICATIONS

- Pedestrian walkways, area of security
- Building façades
- Signage, monuments



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### GENERAL SPECIFICATIONS

**Input Voltage, Frequency:** 120-277V, 50/60Hz  
**Power Factor, THD %:** >0.9, <20%  
**Dimmable:** 1-10V\*  
**Surge Protection Rating:**  
15W: 1kV  
30W & 50W: 3kV  
**Efficacy:** Up to 120 LPW

**Minimum CRI:** 80  
**Beam Angle:** 115°H x 90°V  
**Field Angle:** 160°H x 140°V  
**BUG Rating:**  
15W & 30W: B1-U2-G1  
50W: B2-U3-G2  
**Functional Life (L70):** 50,000 hours

**Location Rating:** Wet  
**IP Rating:** IP65  
**EPA Rating:**  
15W Knuckle: 0.15ft<sup>2</sup>  
30W Knuckle: 0.25ft<sup>2</sup>  
50W Knuckle: 0.40ft<sup>2</sup>  
50W Yoke: 0.37ft<sup>2</sup>  
**Ambient Operating Temperature:** -40°F to 113°F

### ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens	Wattage	Input Current 120V/277V	CCT	NEMA Distribution	DLC ID*
F-FL/15/40K/KN/BZ-87	70267	751338036208	1,800	15W	0.14/0.06A	4000K	7H x 7V	PL0GVM8K30KW
F-FL/15/50K/KN/BZ-87	70263	751338036123	1,800	15W	0.14/0.06A	5000K	7H x 7V	PLS3QS5N5KE0
F-FL/30/40K/KN/BZ-87	70268	751338036215	3,600	30W	0.28/0.12A	4000K	7H x 7V	PLJC4H87O6QG
F-FL/30/50K/KN/BZ-87	70264	751338036130	3,600	30W	0.28/0.12A	5000K	7H x 7V	PLEZDN18JHD6
F-FL/50/40K/KN/BZ-87	70269	751338036222	6,000	50W	0.46/0.20A	4000K	7H x 7V	PL4K7850M6IA
F-FL/50/50K/KN/BZ-87	70265	751338036147	6,000	50W	0.46/0.20A	5000K	7H x 7V	PLZU3W51FYPF
F-FL/50/40K/TR/BZ-87	70270	751338036239	6,000	50W	0.46/0.20A	4000K	7H x 7V	PL4K7850M6IA
F-FL/50/50K/TR/BZ-87	70266	751338036239	6,000	50W	0.46/0.20A	4000K	7H x 7V	PLZU3W51FYPF

### NOMENCLATURE

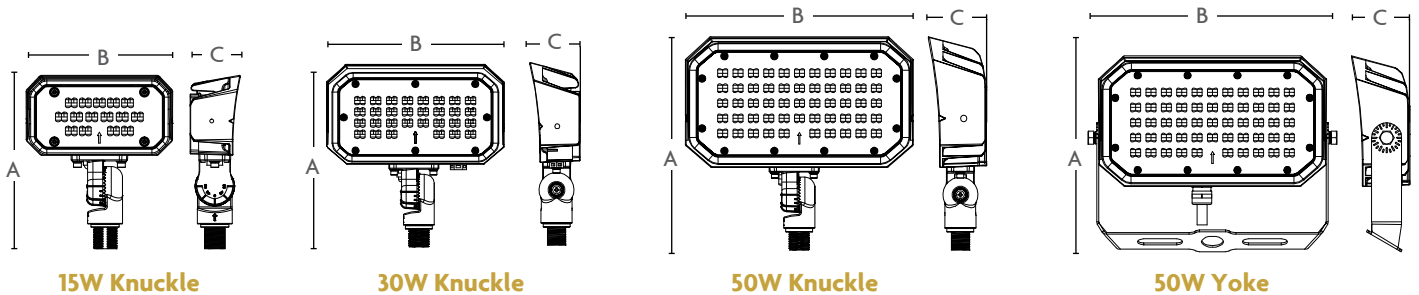
Example: F-FL/15/40K/KN/BZ-87  
F-FL = Fixture Flood Light / 15 = 15 Watts / 40K = 4000K / KN = Knuckle Mount / BZ = Bronze Finish  
30 = 30 Watts / 50K = 5000K / TR = Yoke Mount  
50 = 50 Watts

### ENERGY SAVINGS

Catalog Number	LED Wattage	HID Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
<b>Based on 12 hours/day and \$0.11/kWh</b>					
F-FL/15/xxK/KN/BZ-87	15W	50-70W	55W	\$26	\$132
F-FL/30/xxK/KN/BZ-87	30W	70-150W	120W	\$58	\$289
F-FL/50/xxK/xx/BZ-87	50W	150W	100W	\$48	\$241

### PRODUCT DIMENSIONS / LINE DRAWING

Catalog Number	(A)	(B)	(C)	Weight
F-FL/15/xxK/KN/BZ-87	6.1"	5.1"	1.8"	1.12 Lbs.
F-FL/30/xxK/KN/BZ-87	7.2"	7.0"	2.0"	1.63 Lbs.
F-FL/50/xxK/KN/BZ-87	8.4"	9.0"	2.3"	2.86 Lbs.
F-FL/50/xxK/TR/BZ-87	7.7"	9.8"	2.3"	3.08 Lbs.



#### NOTES:

\*Excludes 15W

\*DLC Primary Use Designation: Architectural Flood and Spot Luminaires

Specifications subject to change without prior notice. Replacement wattage shown depends on application and fixture.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Dimming with standard 0-10V control system or wall dimmers such as Leviton IP710, DS710 or Lutron DVST1.

Dimming complies with IEC60929 Annex E. Fixture may not be compatible with all dimmers. Visit [www.topaz-usa.com](http://www.topaz-usa.com) for up-to-date dimmer compatibility information.

**WARNING:** Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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