



SPECIFICATIONS

UL Listing:

Suitable for wet locations. Suitable for mounting within 4' of the ground.

Finish:

White or bronze chip and fade resistant polyester powder coat finish

LED:

Multi-chip 6 and 13 Watt high-output long-life LED

Drivers:

13W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 700mA, 100-277VAC: 0.4 Amps, THD ≤ 20% Power Factor: 99.2%

26W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC: 0.4 Amps, THD ≤ 20%, Power Factor: 99.2%

FFLED39: (1) 13W Driver plus (1) 26W Driver. See 13W (page 16) and 26W Driver details.

FFLED78: (3) 26W Drivers. See 26W Driver details.

California Title 24:

RAB LED Floodlights comply with California Title 24 building and electrical codes.

Thermal Management:

Superior heat sinking with external Air-Flow fins (Patent Pending)

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F).

Green Technology:

Mercury and UV free, and are RoHS compliant.

Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations*.

Gaskets:

High-temperature silicone

Housing:

Precision die-cast aluminum housing and hood

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows ANSI Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Color Stability:

RAB LED performance exceeds industry standards for chromatic stability.

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Patents:

RAB LED Floodlight designs are protected by patents pending in U.S., Canada, China, and Taiwan.

*See TM-21 explanation on page 18.

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PERFORMANCE COMPARISON

	FFLED18*	FFLED39*	FXLED78 (Trunnion Mount shown)
LED Watts / Input Watts	18W / 22.4W	38W / 45W	78W / 91W
Lumen Output	1624	2991	5927
Equivalency	70W MH	150W MH	250W MH
Replacement Range	35-150W MH	100-175W MH	150-320W MH
Mounting Height	Ground - 15'	Ground - 20'	Ground - 35'
Weight	4.8 lbs.	12.5 lbs.	24 lbs.

*It is recommended that the FFLED18 and FFLED39 be mounted with the RAB XC1 Heavy Duty Cover and the RAB VXC.

CATALOG NUMBERS

Catalog #	LED Watts	Input Watts	Color Temp	CRI	Lumen Output	Lumens per Watt	NEMA Type	Voltage
FFLED18	18	22.4	Cool (5100K)	70	1624	73	7H x 6V	100-277V
FFLED18N	18	22.3	Neutral (4000K)	83	1270	57	7H x 6V	100-277V
FFLED18Y	18	22.5	Warm (3000K)	85	1075	48	7H x 6V	100-277V
FFLED39	38	45.0	Cool (5100K)	68	2991	66	7H x 6V	100-277V
FFLED39N	38	45.0	Neutral (4000K)	86	2379	51	7H x 6V	100-277V
FFLED39Y	38	45.0	Warm (3000K)	87	2081	46	7H x 6V	100-277V
FXLED78T*	78	91.0	Cool (5100K)	67	5927	65	6H x 5V	100-277V
FXLED78TN	78	92.0	Neutral (4000K)	86	4645	51	6H x 5V	100-277V
FXLED78TY	78	90.0	Warm (3000K)	87	4037	45	6H x 5V	100-277V
FXLED78SF**	78	91.0	Cool (5100K)	67	5927	65	6H x 5V	100-277V
FXLED78SFN	78	92.0	Neutral (4000K)	86	4645	51	6H x 5V	100-277V
FXLED78SFY	78	90.0	Warm (3000K)	87	4037	45	6H x 5V	100-277V

*T designates Trunnion Mount. **SF designates Slipfitter Mount.

Finishes: For White finish, add suffix W at the end of the Catalog number (Example: FXLED78TYW).

For Photocell option for FFLED18, 39 - add "/PC, PC2" after color suffix (Example: FFLED18/PC, FFLED39/PC2)

For Swivel/Photocell option for FXLED78SF add "/PCS" after color suffix (Example: FXLED78SF/PCS).

ACCESSORIES

Catalog

FFLED18/E 120V-277V Standard Emergency Battery Backup

FFLED18/EC 120V-277V Cold Weather Emergency Battery Backup

GDFLED18W Wire Guard

GDFLED18P Shield

GDFLED39W Wire Guard

GDFLED39P Shield

GDFLED78W Wire Guard

GDFLED78P Shield

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SUITABLE FOR WET LOCATIONS