

floodlights

39W floodlight

Better uniformity than an equivalent 150W MH. Ideal for illuminating building façades, signs and landscapes.



Performance

Equivalent 150W MH
Replaces 100-175W MH

NEMA Type	7H x 6V		
Color Temperature (CCT)	3000K	4000K	5000K
Input Watts	42	42	42
Output Lumens	5509	5651	5666
Lumens Per Watt	131	134	136
Color Accuracy (CRI)	70	71	71

NEMA Type	5H x 5V		
Color Temperature (CCT)	3000K	4000K	5000K
Input Watts	42	42	42
Output Lumens	4572	4690	4703
Lumens Per Watt	108	111	113
Color Accuracy (CRI)	70	71	71

NEMA Type	4H x 4V		
Color Temperature (CCT)	3000K	4000K	5000K
Input Watts	42	42	42
Output Lumens	4780	4904	4916
Lumens Per Watt	114	117	118
Color Accuracy (CRI)	71	71	71

Specifications

UL Listing

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

Lifespan

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

Drivers

Constant Current, 720mA, Class 2 with 6 kV surge protection, 120V: 0.35A; 208V: 0.20A; 240V: 0.18A; 277V: 0.15A; 50/60 Hz, THD ≤20%, Power Factor: 99%

Cold Weather Starting

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

Ambient Temperature

Suitable for use in 40°C (104°F)

Thermal Management

Superior heat dissipation with external patented Airflow fins to extend LED lifespan

Housing

Precision die-cast aluminum housing and hood

Reflector

Specular vacuum metalized polycarbonate for smooth light distribution and low glare

Gaskets

High-temperature silicone

Precision optics

NEMA Type 7H x 6V, 5H x 5V and 4H x 4V distribution available



Keeps cool

Patented Airflow technology for superior cooling



Mounting options

Slipfitter and trunnion options available



Ordering information

Product Family	Wattage	Mounting	Color Temp	NEMA Type	Finish Color	Driver Options	Photocell Options
FFLED	39						
		Blank Arm SF Slipfitter T Trunnion	Blank 5000K N 4000K Y 3000K	Blank 7H x 6V B55 5H x 5V B44 4H x 4V	Blank Bronze W White	/480 480V /D10 0 - 10V dimming	/PC 120V /PC2 277V /PCS 120V Swivel /PCS2 277V Swivel /PCS4 480V Swivel

Accessories

Catalog

GDFLED39W

Wire Guard

GDFLED39P

Shield

LFLED39

Replacement lens and doorframe

LFLED39W

Replacement lens and doorframe, White

Color lens



With 11 color choices available that create a smooth, uniform effect, RAB's lenses are an affordable option for coloring your world.

Product Family

CF

Fixture

FF80

Filter Color

B Blue
LB Light Blue
G Green
MG Medium Green
LG Light Green
R Ruby Red
MR Cherry Red
MA Medium Amber
LA Light Amber
PP Pale Purple
Y Yellow

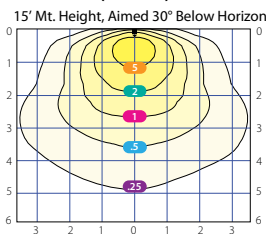
Frame Finish

A Bronze
W White

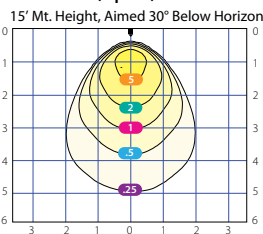
Photometrics

Dimensions & weight

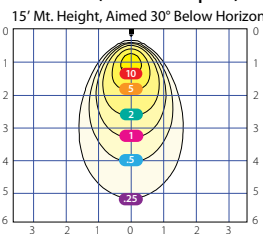
FFLED39 7H x 6V (Flood)



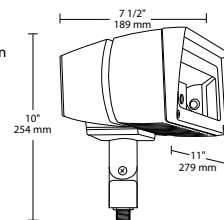
FFLED39B55 5H x 5V (Spot)



FFLED39B44 4H x 4V (Narrow Spot)

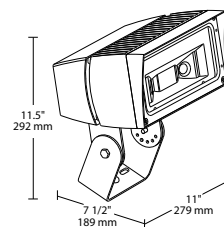


Standard swivel arm - Weight: 12.5 lbs / 5.7 kg



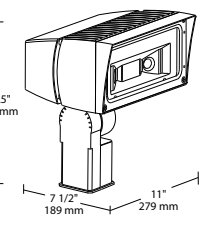
Optional trunnion mount

Weight: 6.7 lbs / 3.0 kg



Optional slipfitter mount

Weight: 6.7 lbs / 3.0 kg



Grid Scale:

Multiples of Mounting Height, Values shown in Footcandles. Recessed LED module and optimized reflector provide smooth light distribution with no hot spots and low glare.

RAB lighting design engineers can create a custom lighting layout for your job. For Free.

Photometric Report #ITL79398, #ITL82217, #ITL82235

Field & beam angles

FFLED39 (Flood) - NEMA Type 7H x 6V

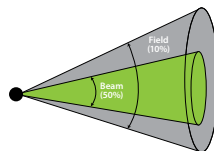
	Beam Angle (50%)	Field Angle (10%)
Horizontal	131°	157°
Vertical	70°	112°

FFLED39B44 (Nar. Spot) - NEMA Type 4H x 4V

	Beam Angle (50%)	Field Angle (10%)
Horizontal	45°	65°
Vertical	44°	65°

FFLED39B55 (Spot) - NEMA Type 5H x 5V

	Beam Angle (50%)	Field Angle (10%)
Horizontal	56°	78°
Vertical	54°	77°



Percentages represent percentage of maximum beam candlepower.



SUITABLE FOR WET LOCATIONS



5-Year
No Compromise
Warranty



Please visit rabweb.com to see which models are DLC or DLC Premium listed.