

floodlights

18W floodlight

Multipurpose, mid-wattage flood, available with photocell and emergency battery back-up options. Available in optional DC voltage.



Performance

Equivalent Replaces 70W MH
35-150W MH

NEMA Type	7H x 6V		
Color Temperature (CCT)	3000K	4000K	5000K
Input Watts	23	23	23
Output Lumens	2042	2119	2310
Lumens Per Watt	88	92	100
Color Accuracy (CRI)	82	82	72

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, 700mA, Class 2 with 6 kV surge protection, 120V: 0.2A; 208V: 0.15A; 240V: 0.13A; 277V: 0.11A; 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 patented external Airflow fins to extend LED lifespan

Housing

Precision die-cast aluminum housing and hood

Reflector

Semi-specular anodized aluminum for smooth light distribution and low glare

Gaskets

High-temperature silicone

Precision optics

NEMA Type
7H x 6V distribution



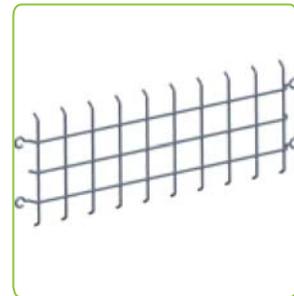
Keeps cool

Patented Airflow technology for superior cooling



Extra protection

Wire guard and polycarbonate shield options available



Ordering information

Product Family	Wattage	Color Temp	Voltage	Finish Color	Driver Options	Photocell Options
FFLED	18					
		Blank 5000K N 4000K Y 3000K	Blank 100-277V DC 10-30 VDC* <small>*DC models not UL listed</small>	Blank Bronze W White	/E 120V-277V Standard Emergency Battery Backup /EC 120V-277V Cold Weather Emergency Battery Backup	/PC 120V /PC2 277V /PCS 120V Swivel /PCS2 277V Swivel

Accessories

Catalog

GDFFLED18W

Wire Guard

GDFFLED18P

Shield

LFFLED18

Replacement lens
and doorframe

LFFLED18W

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.

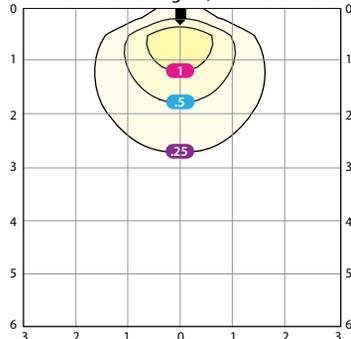
Product Family	Fixture	Filter Color	Frame Finish
CF	FF18		

B	Blue	A	Bronze
LB	Light Blue	W	White
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		

Photometrics

FFLED18

18W at 10' Mounting Ht., 30° Below Horizon



Mounting Height	8	10	12	15
Multiplier	1.6	1.0	0.7	0.4

Grid Scale:

Multiples of mounting height, values shown in footcandles

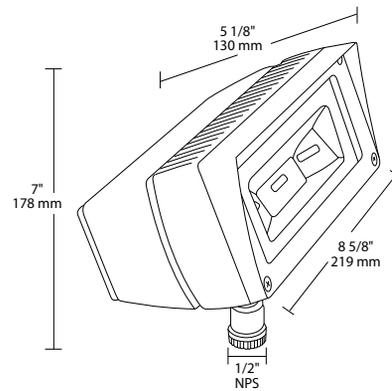
Recessed LED module and optimized reflector provide smooth light distribution with no hot spots and low glare.

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

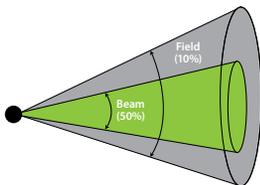
Photometric Report #ITL78799

Dimensions & weight

Weight: 4.8 lbs / 2.2 kg



Field & beam angles



FFLED18 - NEMA Type 7H x 6V

	Beam Angle (50%)	Field Angle (10%)
Horizontal	102°	151°
Vertical	66°	108°

Percentages represent percentage of maximum beam candlepower.



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