

Enough light to flood a dam.

LED floodlight system
replaces up to 1000W metal halide.



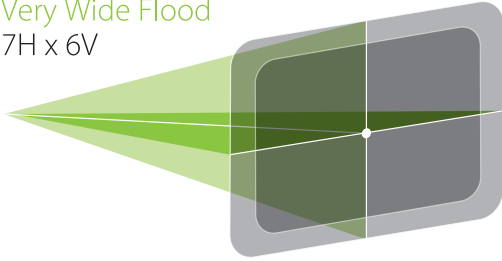
RAB[®]
LIGHTING
RABWEB.COM • 888 722-1000

FXLED® 200 & 300

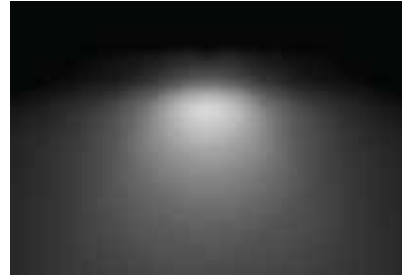
- 200W replaces 400 MH floodlights;
300W replaces 1000W MH floodlights
- NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V,
5H x 5V and 3H x 3V
- Slipfitter and trunnion mounting available
- Bi-level operation and 0-10V dimming (optional)
- 100,000-hour LED lifespan
- 5-year No Compromise Warranty

Distributions - NEMA Types

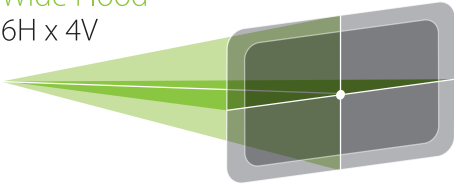
Very Wide Flood
7H x 6V



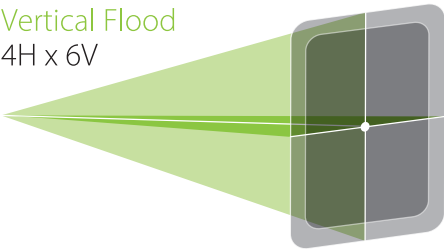
35' mounting height, 60° uptilt



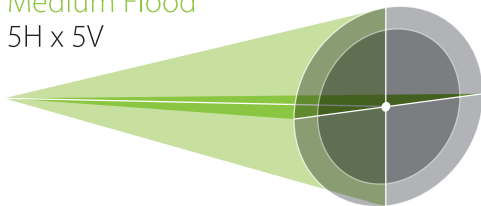
Wide Flood
6H x 4V



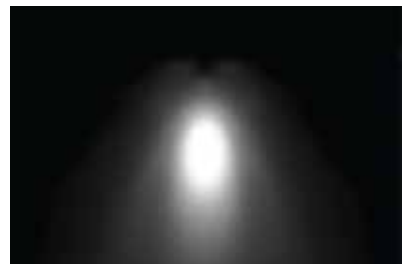
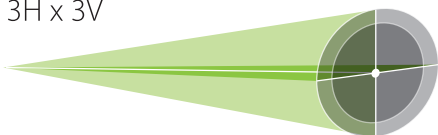
Vertical Flood
4H x 6V



Medium Flood
5H x 5V



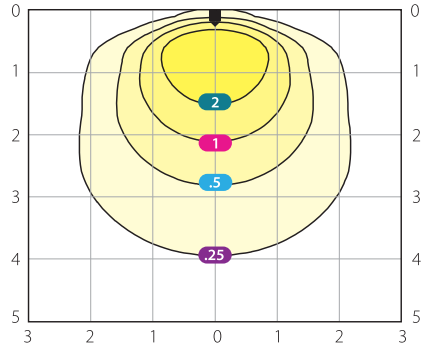
Medium Narrow Spot
3H x 3V



Photometrics

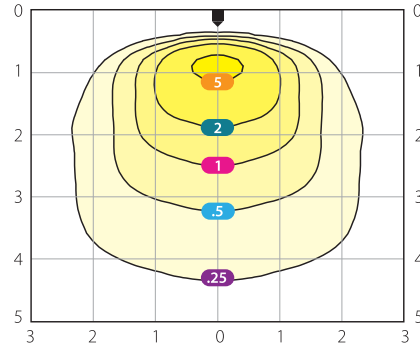
FXLED™ 200W - NEMA Type 7H x 6V

35' Mounting Height, 60° Uptilt



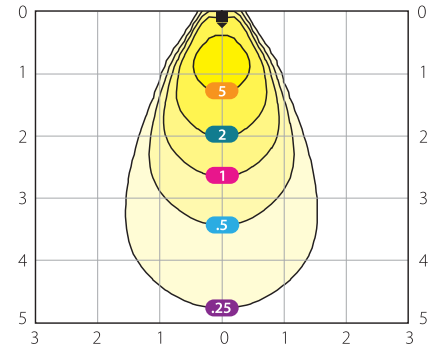
FXLED™ 200W - NEMA Type 6H x 4V

35' Mounting Height, 60° Uptilt



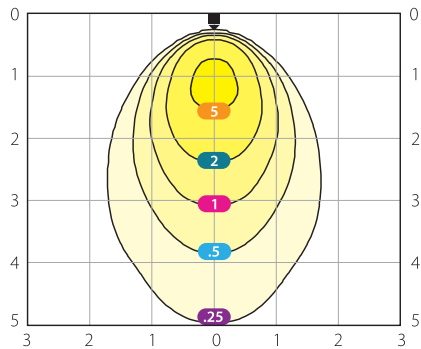
FXLED™ 200W - NEMA Type 4H x 6V

35' Mounting Height, 60° Uptilt



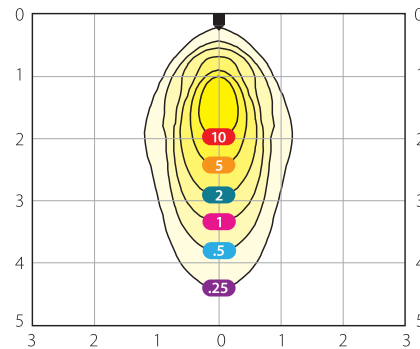
FXLED™ 200W - NEMA Type 5H x 5V

35' Mounting Height, 60° Uptilt



FXLED™ 200W - NEMA Type 3H x 3V

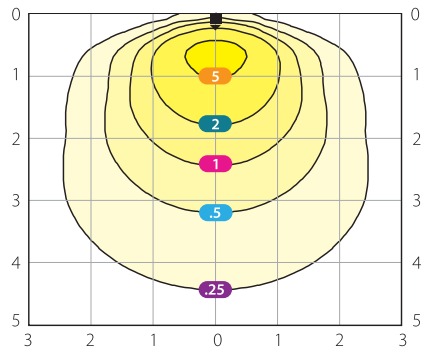
35' Mounting Height, 60° Uptilt



Grid scale: multiples of mounting height
Values Shown in Footcandles
Photometric Reports #ITL83944, #ITL84147, #ITL84145,
#ITL84146 and #ITL84144

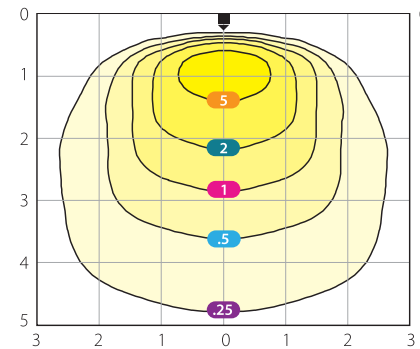
FXLED™ 300W - NEMA Type 7H x 6V

35' Mounting Height, 60° Uptilt



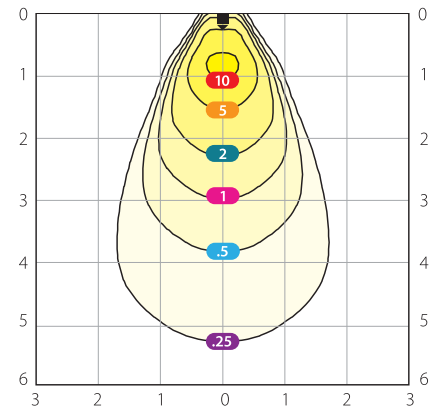
FXLED™ 300W - NEMA Type 6H x 4V

35' Mounting Height, 60° Uptilt



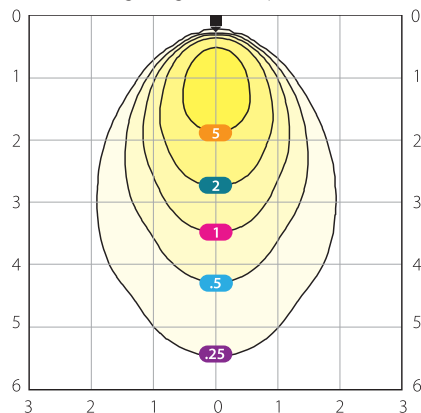
FXLED™ 300W - NEMA Type 4H x 6V

35' Mounting Height, 60° Uptilt



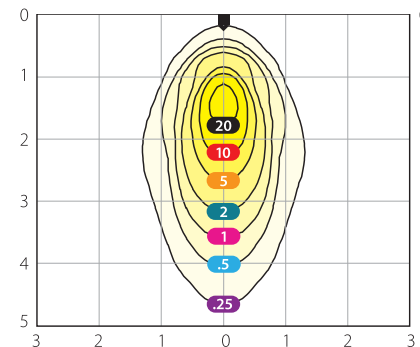
FXLED™ 300W - NEMA Type 5H x 5V

35' Mounting Height, 60° Uptilt



FXLED™ 300W - NEMA Type 3H x 3V

35' Mounting Height, 60° Uptilt



Grid scale: multiples of mounting height
Values Shown in Footcandles
Photometric Reports #ITL83947, #ITL84159, #ITL84157,
#ITL84158 and #ITL84156

Specifications

UL Listing: Suitable for wet locations. Suitable for ground mounting.

LEDs: Multi-chip, high-output, long-life LEDs

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

Drivers:

300W: Constant Current, 1050mA, 50/60 Hz, 120-277V or 347-480V with 4kV surge protection, 120V: 2.69A, 208V: 1.57A, 240V: 1.36A, 277V: 1.18A, 480V: 0.70A, THD < 20%, Power Factor: 99%

200W: Constant Current, 700mA, 50/60 Hz, 120-277V or 347-480V with 4 kV surge protection, 120V: 1.72A, 208V: 1.03A, 240V: 0.89A, 277V: 0.77A, 480V: 0.45A, THD <20%, Power Factor: 99%

FXLED® 300W

NEMA Type	7H x 6V	6H x 4V	5H x 5V
Color Temperature (CCT)	5000K	5000K	5000K
Input Watts	315	316	316
Output Lumens	38,292	37,265	34,862
Lumens Per Watt	122	118	110

NEMA Type	4H x 6V	3H x 3V
Color Temperature (CCT)	5000K	5000K
Input Watts	317	318
Output Lumens	34,000	34,936
Lumens Per Watt	107	110

FXLED® 200W

NEMA Type	7H x 6V	6H x 4V	5H x 5V
Color Temperature (CCT)	5000K	5000K	5000K
Input Watts	205	203	205
Output Lumens	27,005	25,988	24,616
Lumens Per Watt	132	128	120

NEMA Type	4H x 6V	3H x 3V
Color Temperature (CCT)	5000K	5000K
Input Watts	203	203
Output Lumens	24,457	24,430
Lumens Per Watt	120	120

Bi-Level Operation (optional): Allows 50% and 100% output modes

Dimming: Available as On/Off or with 0-10V dimming driver

Cold Weather Starting: The minimum starting temperature is -40°C.

Housing: Die-cast aluminum housing and door frame

Reflector: Specular and semi-specular vacuum metalized polycarbonate

NEMA Type: 7H x 6V, 6H x 4V, 5H x 5V, 4H x 6V and 3H x 3V are available

IP Rating: Ingress protection rating of IP66 for dust and water

Mounting: Slipfitter or trunnion with stainless steel hardware

Gaskets: High-temperature silicone gaskets

Color Consistency: 7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability: LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications

for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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.

California Title 24: FXLED200/300 slipfitter models with bi-level operation or 0-10V dimming comply with 2013 California Title 24 building and electrical codes as commercial outdoor pole-mounted fixtures >75 Watts mounted up to 24 feet when used with a RAB photo/motion control.

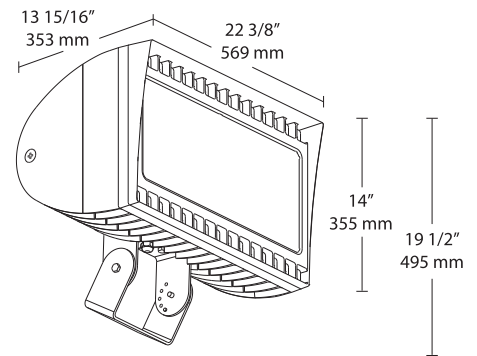
FXLED200/300 trunnion models with 0-10V dimming comply with 2013 California Title 24 building and electrical codes as commercial outdoor non-pole-mounted fixtures >30 Watts mounted up to 24 feet when used with a RAB photo/motion control.

**Values shown for cool temperature. For other performance, please visit rabweb.com.*

Dimensions and weights

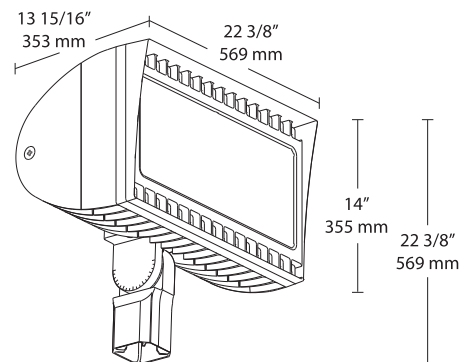
Trunnion Mount:

Weight: 66 lbs
EPA: 4.0



Slipfitter:

Weight: 66 lbs
EPA: 4.0



Ordering information

Product Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Photocell Options
FXLED	200 200W 300 300W	SF Slipfitter T Trunnion	Blank 5000K N 4000K Y 3000K	Blank 7H x 6V B64 6H x 4V B55 5H x 5V B33 3H x 3V B46 4H x 6V	Blank Bronze W White	/480 480V /BL Bi-Level* /D10 0-10V Dimming	/PCT 120-277V Twistlock /PCT4 480V Twistlock

*Slipfitter models only