

Night Falcon low wattage LED floodlight

Technical bulletin

Lumark

Designed for versatility and value.

Combining value and performance in a compact, robust design, the Night Falcon low wattage LED floodlight delivers superior uniformity and excellent illumination to the targeted application. With energy savings greater than 83 percent, the Night Falcon low wattage LED floodlight replaces 70-150W metal halide fixtures in floodlighting applications such as building facade lighting, sign lighting, landscape lighting and general security lighting in both commercial and industrial applications.



Uniform illumination

The Night Falcon low wattage LED floodlight offers both a wide and spot distribution for maximum efficiency and application spacing.

Built to last

The rugged, die-cast housing is IP66 rated for exceptional durability and long term reliability, along with lumen maintenance greater than 93 percent at 50,000 hours, the low wattage LED floodlight is built for years of maintenance-free service.

Mount. Aim. Done.

The Night Falcon low wattage LED floodlight is built with the installer in mind. Available in knuckle, trunnion and slipfitter mounting configurations, and weighing less than 14 pounds, this fixture provides you with design flexibility while simplifying installation.

Construction

- Heavy-duty, die-cast aluminum housing and driver door
- UL/cUL listed for wet locations
- -40°C to 40°C operation
- High ambient (50°C) temperature available
- IP66 vibration rated
- 1.5G vibration rated for knuckle and slipfitter mount. 3G vibration rated for trunnion mount

Optical

- Lumen packages of 2,719 and 5,976 delivered lumens
- NEMA 6H x 6V wide and 3H x 3V spot distributions available
- 20W and 52W models
- Standard 4000K CCT, minimum 70 CRI
- Optional 3000K, 5000K and 5700K CCT

Electrical

- Standard with 0-10V dimming
- 120-277V 50/60Hz, 347V/60Hz or 480V/60Hz operation available
- Optional 10kV MOV surge protection available

Controls

- Button type photocontrol (optional)
- NEMA 3-PIN or 7-PIN twistlock receptacle (available with extended back box)

Mounting

- Heavy-duty, die-cast aluminum knuckle mount fits 1/2" NPT outlet box cover
- 3/16" galvanized steel trunnion mount with a 16/3 SOW cord
- Die-cast aluminum slipfitter fits 2-3/8" O.D. tenon

Accessories

- Vandal shield, wire guard or visors available

Warranty

- Five-year warranty



Designed to maximize heat dissipation (Shown with optional button photocontrol)

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EATON

Powering Business Worldwide

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Stock Ordering Information

Catalog Number	Description	Lumens (lm)	Wattage	HID Wattage Equivalent
NFFLD-S-C15-KNC-UNV	NFFLD-S, 52W, 4000K, 120-277V, 6H x 6V, knuckle, carbon bronze	5,976	52W	150W
NFFLD-S-C15-T-UNV	NFFLD-S, 52W, 4000K, 120-277V, 6H x 6V, trunnion, carbon bronze	5,976	52W	150W
NFFLD-S-C70-KNC-UNV	NFFLD-S, 20W, 4000K, 120-277V, 6H x 6V, knuckle, carbon bronze	2,719	20W	70W
NFFLD-S-C70-T-UNV	NFFLD-S, 20W, 4000K, 120-277V, 6H x 6V, trunnion, carbon bronze	2,719	20W	70W
NFFLD-S-C15-KNC-347	NFFLD-S, 52W, 4000K, 347V, 6H x 6V, knuckle, carbon bronze	5,976	52W	150W
NFFLD-S-C15-T-347	NFFLD-S, 52W, 4000K, 347V, 6H x 6V, trunnion, carbon bronze	5,976	52W	150W
NFFLD-S-C15-KNC-UNV-PC1	NFFLD-S, 52W, 4000K, 120-277V, 6H x 6V, knuckle, 120V button photocontrol, carbon bronze	5,976	52W	150W
NFFLD-S-C15-T-UNV-PC1	NFFLD-S, 52W, 4000K, 120-277V, 6H x 6V, trunnion, 120V button photocontrol, carbon bronze	5,976	52W	150W
NFFLD-S-C70-T-UNV-PC1	NFFLD-S, 20W, 4000K, 120-277V, 6H x 6V, trunnion, 120V button photocontrol, carbon bronze	2,719	20W	70W
NFFLD-S-C70-KNC-UNV-PC1	NFFLD-S, 20W, 4000K, 120-277V, 6H x 6V, knuckle, 120V button photocontrol, carbon bronze	2,719	20W	70W
NFFLD-S-C70-KNC-347	NFFLD-S, 20W, 4000K, 347V, 6H x 6V, knuckle, carbon bronze	2,719	20W	70W
NFFLD-S-C70-T-347	NFFLD-S, 20W, 4000K, 347V, 6H x 6V, trunnion, carbon bronze	2,719	20W	70W

* Limited quantities of select stock configurations will be available at launch in Peachtree City, Georgia. Additional configurations will be added during ramp-up.



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