LUMARK®

DESCRIPTION

The Lumark Falcon is a stylish and rugged luminaire that combines value and performance with a soft, architecturally appealing form. This soft rounded corner, die-cast construction is excellent for applications that have a high visibility and where a uniform beam distribution is desired. The Falcon floodlight can be wall or pole mounted, making it ideal for all commercial, industrial and residential low wattage floodlighting applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
DOOR + LATCH: Tempered glass lens is impact and thermal shock resistant. Easily released die-cast aluminum doorframe with stainless steel tool-less latch allows easy access for re-lamping. Enclosure latch can be secured with a single point stainless steel screw, provided, or with optional vandal resistant head. HOUSING: Die-cast aluminum housing is finished in weather and abrasion resistant dark bronze polyester powder coat paint. Optional colors are available. GASKET: Full-circumference silicone gasket seals out external contaminants.

Electrical
SOCKET: Pulse rated, 4KV, medium-base porcelain lamp socket standard for HID. Electronic compact 4-pin fluorescent sockets standard for CF lamp options.

Optical
REFLECTOR: Formed aluminum hammered reflector optimized for beam efficiency and control.

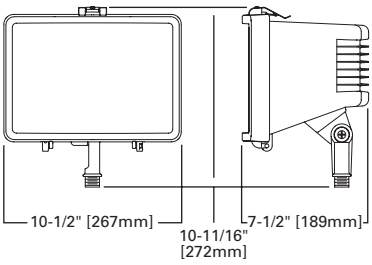
Mounting
Adjustable ANSI rated stem mounting arm fits 1/2" NPS outlet box cover. (RBC round outlet box cover not included, order separately). Optional heavy-gauge steel adjustable trunnion mounting provides additional durability when required.

SF FALCON

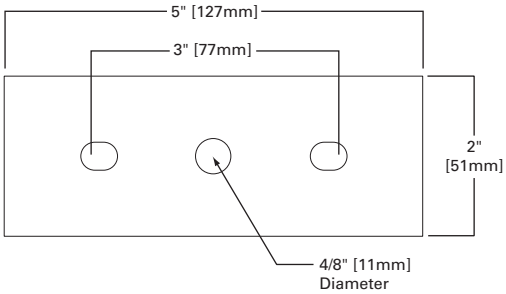
35 - 150W
Pulse Start Metal Halide
High Pressure Sodium
42W
Compact Fluorescent

LOW WATTAGE FLOODLIGHT

DIMENSIONS



TRUNNION-MOUNT DRILLING DIMENSIONS



WATTAGE CHART

Lamp Type	Wattage
Pulse Start Metal Halide (MP)	50, 70, 100, 150W
High Pressure Sodium (HP)	35, 50, 70, 100, 150W
Compact Fluorescent (CF)	(1) 42W

VOLTAGE CHART

MT=Multi-Tap	120/208/240/277V (wired 277V)
TT=Triple-Tap*	120/277/347V (wired 347V)
E=Electronic Ballast (CF only)	120-277V (wired 277V, 50/60Hz)

* Canada only.

TECHNICAL DATA

U.L. Wet Location Listed
25°C Maximum Ambient Temperature
External Supply Wiring 60°C Minimum

ENERGY DATA

Reactor Ballast Input Watts
35W HPS NPF (46 Watts)
50W HPS NPF (58 Watts)
70W HPS NPF (82 Watts)
100W HPS NPF (115 Watts)
150W HPS NPF (175 Watts)
High Reactance Ballast Input Watts
50W MP HPF (72 Watts)
70W MP HPF (90 Watts)
100W MP HPF (129 Watts)
150W MP HPF (185 Watts)
Electronic Ballast Input Watts
42W CF HPF (46 Watts)

SHIPPING DATA

Approximate Net Weight:
18 lbs. (8 kgs.)

Cooper Lighting
by EATON

ADH082290
2015-02-13 11:21:31

STOCK SAMPLE NUMBER: HIGH PRESSURE SODIUM AND PULSE START METAL HALIDE (LAMP INCLUDED)

Sample Number: MPSF10K-MT

Lamp Type	Series	Lamp Options [2]	Mounting	Wiring Options	Accessories (Order Separately) [5]
HP=High Pressure Sodium **MP**=Pulse Start Metal Halide [1]	**SF**=Falcon	**35**=35W [3, 4] **50**=50W **70**=70W **10**=100W **15**=150W [1]	**K**=Knuckle Mount **T**=Trunnion Mount	**[BLANK]**=Standard **MT**=Multi-Tap	**TYS-XX**=Trunnion or Yoke Slipfitter for 2-3/8", 3" or 3-1/2" O.D. Tenon **FA5-XX**=2" Slipfitter for Trunnion Fixture **RAB-XX**=Right Angle Pipe Bracket for Slipfitter **SAB-XX**=Steel Angle Bracket for Trunnion **PM/MT**=Field Installed Photocontrol **RBC-XX**=Round Outlet Box Cover **TRSD-6/32**=Tamper Resistant Screwdriver **SF/TR**=Tamper Resistant Screw **SF/V-XX**=Visor **SPK**=Landscape Post (Standard Color Dark Grey)

NOTES: 1 150W Pulse Start Metal Halide available in high power factor ballast only. High power factor ballast is required on all MP products. **2** All HID lamps are medium base. **3** High pressure sodium only. **4** 120V only. **5** Order accessories as separate items for field installation. Replace XX with color designation. Refer to In-Stock Guide for availability.

STOCK SAMPLE NUMBER: COMPACT FLUORESCENT (LAMP INCLUDED)

Sample Number: CFSF-K-42-E-LL

Lamp Type/Series	Mounting	Lamp Options	Wiring Options	Lamp Included	Accessories (Order Separately) [2]
CFSF=Compact Fluorescent Falcon	**K**=Knuckle Mount	**42**=42W	**E**=Electronic [1]	**LL**=Lamp Included	**TYS-XX**=Trunnion or Yoke Slipfitter for 2-3/8", 3" or 3-1/2" O.D. Tenon **FA5-XX**=2" Slipfitter for Trunnion Fixture **RAB-XX**=Right Angle Pipe Bracket for Slipfitter **SAB-XX**=Steel Angle Bracket for Trunnion **PM/MT**=Field Installed Photocontrol **RBC-XX**=Round Outlet Box Cover **TRSD-6/32**=Tamper Resistant Screwdriver **SF/TR**=Tamper Resistant Screw **SF/V-XX**=Visor **SPK**=Landscape Post (Standard Color Dark Grey)

NOTES: 1 Compact flourescent lamps only. In cold temperatures, compact fluorescent lamps produce lower illumination levels. **2** Order accessories as separate items for field installation. Replace XX with color designation. Refer to In-Stock Guide for availability.

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SPECIFICATION FEATURES

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DOOR + LATCH: Tempered glass lens is impact and thermal shock resistant. Easily released die-cast aluminum doorframe with stainless steel tool-less latch allows easy access for re-lamping. Enclosure latch can be secured with a single point stainless steel screw, provided, or with optional vandal resistant head. HOUSING: Die-cast aluminum housing is finished in weather and abrasion resistant dark bronze polyester powder coat paint. Optional colors are available. GASKET: Full-circumference silicone gasket seals out external contaminants.

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SOCKET: Pulse rated, 4KV, medium-base porcelain lamp socket standard for HID. Electronic compact 4-pin fluorescent sockets standard for CF lamp options.

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REFLECTOR: Formed aluminum hammered reflector optimized for beam efficiency and control.

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SF FALCON

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Pulse Start Metal Halide
High Pressure Sodium
42W
Compact Fluorescent

LOW WATTAGE FLOODLIGHT

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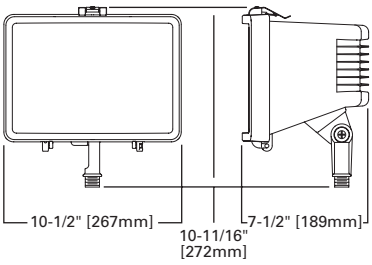

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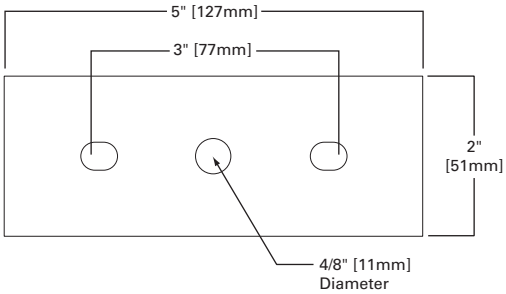

WATTAGE CHART

Lamp Type	Wattage
Pulse Start Metal Halide (MP)	50, 70, 100, 150W
High Pressure Sodium (HP)	35, 50, 70, 100, 150W
Compact Fluorescent (CF)	(1) 42W

VOLTAGE CHART

MT=Multi-Tap	120/208/240/277V (wired 277V)
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HP=High Pressure Sodium **MP**=Pulse Start Metal Halide [1]	**SF**=Falcon	**35**=35W [3, 4] **50**=50W **70**=70W **10**=100W **15**=150W [1]	**K**=Knuckle Mount **T**=Trunnion Mount	**[BLANK]**=Standard **MT**=Multi-Tap	**TYS-XX**=Trunnion or Yoke Slipfitter for 2-3/8", 3" or 3-1/2" O.D. Tenon **FA5-XX**=2" Slipfitter for Trunnion Fixture **RAB-XX**=Right Angle Pipe Bracket for Slipfitter **SAB-XX**=Steel Angle Bracket for Trunnion **PM/MT**=Field Installed Photocontrol **RBC-XX**=Round Outlet Box Cover **TRSD-6/32**=Tamper Resistant Screwdriver **SF/TR**=Tamper Resistant Screw **SF/V-XX**=Visor **SPK**=Landscape Post (Standard Color Dark Grey)

NOTES: 1 150W Pulse Start Metal Halide available in high power factor ballast only. High power factor ballast is required on all MP products. **2** All HID lamps are medium base. **3** High pressure sodium only. **4** 120V only. **5** Order accessories as separate items for field installation. Replace XX with color designation. Refer to In-Stock Guide for availability.

STOCK SAMPLE NUMBER: COMPACT FLUORESCENT (LAMP INCLUDED)

Sample Number: CFSF-K-42-E-LL

Lamp Type/Series	Mounting	Lamp Options	Wiring Options	Lamp Included	Accessories (Order Separately) [2]
CFSF=Compact Fluorescent Falcon	**K**=Knuckle Mount	**42**=42W	**E**=Electronic [1]	**LL**=Lamp Included	**TYS-XX**=Trunnion or Yoke Slipfitter for 2-3/8", 3" or 3-1/2" O.D. Tenon **FA5-XX**=2" Slipfitter for Trunnion Fixture **RAB-XX**=Right Angle Pipe Bracket for Slipfitter **SAB-XX**=Steel Angle Bracket for Trunnion **PM/MT**=Field Installed Photocontrol **RBC-XX**=Round Outlet Box Cover **TRSD-6/32**=Tamper Resistant Screwdriver **SF/TR**=Tamper Resistant Screw **SF/V-XX**=Visor **SPK**=Landscape Post (Standard Color Dark Grey)

NOTES: 1 Compact flourescent lamps only. In cold temperatures, compact fluorescent lamps produce lower illumination levels. **2** Order accessories as separate items for field installation. Replace XX with color designation. Refer to In-Stock Guide for availability.