

Product Description:

The CAPRICORN-2 Series delivers exceptional thermal control and uses a die-cast aluminum housing with a calculated life span of over 100,000 hours. This luminaire has been lab tested nationally in accordance with IES standards and is highly resistant to shock and vibration. This luminaire can be applied for parking lots, street lighting, storage lighting, and walkway lighting.

Features:

- **Warranty:** 5 Years
- **LED Driver:** Meanwell / Sosen
- **LED Source:** Osram
- **Operating Temperature:** -22°F ~ 122°F
- **Pole Connector (I.D.) :** 3 inches (standard) / 2.37 inches*
- **Housing Material:** Die cast aluminum with excellent thermal control
- **Surge Protection :** 10kV or 20kV available



3-Arm Center Mount



**1-Arm Side Mount
(Small Sizes Only)**

Technical Data:

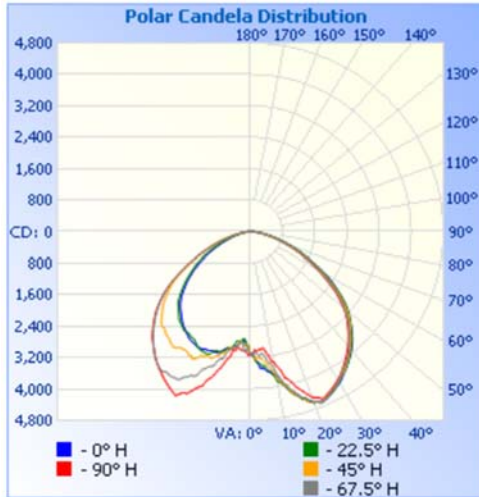
Certifications	UL
CRI	≥ 70
IP Rating	IP65
CCT	3000K ~ 5700K
Input Voltage	120-277V, 200-480V

Specifications:

Fixture Model	Total Lumens (3000K)	Efficacy (lm/w)	Metal Halide Replacement	Dimensions (inches)	Weight (lbs)	Voltage & Dimming Options
CAPRICORN-2-SM-30W	3,742.5 lm	124.7 lm/W	100W	Φ15 x 21 H	15.4	120-277V (dimming available)
CAPRICORN-2-SM-50W	5,990.3 lm	119.8 lm/W	100-150W			120-277V (dimming available) 200-480V (non-dimmable)
CAPRICORN-2-SM-70W	9,512.4 lm	135.8 lm/W	150-200W			120-277V (dimming available) 200-480V (non-dimmable)
CAPRICORN-2-SM-100W	12,457.6 lm	124.5 lm/W	300-400W			120-277V (dimming available)
CAPRICORN-2-LG-50W	5,487.1 lm	109.7 lm/W	100-150W	Φ17.5 x 26 H	17.4	120-277V (dimming available)
CAPRICORN-2-LG-75W	8,147.0 lm	108.6 lm/W	150-200W			120-277V (non-dimmable)
CAPRICORN-2-LG-100W	11,264.0 lm	112.6 lm/W	300-350W			120-277V (dimming available) 200-480V (dimming available)
CAPRICORN-2-LG-150W	18,740.1 lm	124.9 lm/W	400-600W			120-277V (dimming available)

Photometrics:

CAPRICORN-2-SM-100W / 30K / 120°



Illuminance at a Distance

	Center Beam fc	Beam Width	
5.0ft	125 fc	13.0 ft	14.0 ft
10.0ft	31.2 fc	26.0 ft	28.0 ft
15.0ft	13.9 fc	39.0 ft	42.0 ft
20.0ft	7.81 fc	51.9 ft	56.0 ft
25.0ft	5.00 fc	64.9 ft	70.0 ft
30.0ft	3.47 fc	77.9 ft	83.9 ft

■ Vert. Spread: 104.8°
■ Horiz. Spread: 108.9°



3A: 3-Arm Center Mount



1A: 1-Arm Side Mount
CAPRICORN-2 SM models only

Ordering Guide:

CAPRICORN-2-SM-30W / 120-277V	BL	40K	120°	3IN	3A	DM
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Wattage:

- CAPRICORN-2-SM- 30W / 120-277V
- CAPRICORN-2-SM- 50W / 120-277V
- CAPRICORN-2-SM- 70W / 120-277V
- CAPRICORN-2-SM-100W / 120-277V

- CAPRICORN-2-LG- 50W / 120-277V (non-dimmable)
- CAPRICORN-2-LG- 75W / 120-277V
- CAPRICORN-2-LG-100W / 120-277V
- CAPRICORN-2-LG-150W / 120-277V

- CAPRICORN-2-SM- 50W / 200-480V (non-dimmable)
- CAPRICORN-2-SM- 70W / 200-480V (non-dimmable)
- CAPRICORN-2-LG-100W / 200-480V

Color:

BL: Black
(RAL:9004)

CCT:

- 30K
- 40K
- 50K
- 57K

Beam Angle:

120°

Pole Connector (ID):

- 3IN:** 3" (standard)
- 2.37IN:** 2.37"

Mount:

- (see above)
- 3A:** 3-Arm (SM & LG)
- 1A:** 1-Arm (SM only)

Optional Accessories*:

- SC:** Shorting Cap
 - 3PC:** 3-Pin Photocell
 - 3PCR:** 3-Pin Receptacle
 - 7PC:** 7-Pin Photocell
 - 7PCR:** 7-Pin Receptacle
 - 10kV** Surge Protection
 - 20kV** Surge Protection
 - DM:** 1-10V
- Dimming not available for:*
Capricorn-2-LG-50W/120-277V
Capricorn-2-SM-50W/200-480V
Capricorn-2-SM-70W/200-480V

* Additional Costs May Apply