

DESCRIPTION

The Cirrus luminaire sets the standard in flexibility for architectural area lighting. The Cirrus luminaire is available in two sizes, so a single look can be carried through diverse areas of a project. Combined with three mounting varieties, ten optical packages and numerous colors, the Cirrus luminaire offers unparalleled variety in one family of fixtures. UL listed and CSA certified for wet locations.

The Cirrus luminaire offers features so versatile that it can be used in small areas such as walkways and large areas like parking lots, while maintaining a look of continuity throughout.

SPECIFICATION FEATURES

Construction

HOUSING: Spun-aluminum top is finished in polyester powder coat. Rounded shape reduces EPA and pole size requirements. **STRUCTURAL FRAME:** Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mountings and serves as a heat sink for cooler operation and longer ballast life. **DOOR:** Die-cast aluminum door frame has concealed hinges and is flush with the bottom of the housing. **POLES:** Round straight steel or aluminum poles with matched pole top and base cover available.

Electrical

BALLAST: Long life core-and-coil HID ballast is hard mounted for cooler operation. Pole mounted ballast assembly for luminous units only. **SOCKET:** Porcelain screw-shell socket fits mogul-base HID lamps. Medium-base lamps are standard for formed optics 150W and below and segmented optics up to 175W.

Optical

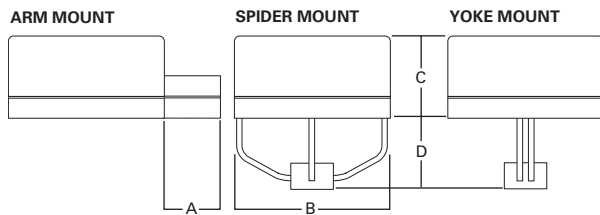
REFLECTOR: Controlled and fully rotatable optics offer ten distinct beam patterns. Precision hydroformed or premium segmented optical modules available. Hydroformed optical modules utilize highly specular

anodized aluminum for strong repeatable performance. Cirrus's premium segmented optical modules use reflective specular inserts assembled into a rigid cage assembly utilizing no rivets or attachment in the optical area that risk streaking or reduced performance. **LENS:** Thermal shock- and impact- resistant clear tempered flat glass.

Mounting

Variety of arm, spider, yoke or wall mounting configurations. Spider and yoke feature black polyester powder coat support pipes for a detailed, controlled appearance.

DIMENSIONS



DIMENSIONAL DATA

Product Family	A	B	C	D
CIS/CIG	6" [152mm]	20-1/2" [521mm]	10-1/4" [260mm]	11" [279mm]
CIM	7-1/2" [191mm]	24" [610mm]	12-1/8" [308mm]	12-5/8" [321mm]

WATTAGE TABLE

Fixture	Lamp Type	Wattage
CIS (Cirrus Small) ¹	Pulse Start Metal Halide (MP)	70, 100, 150, 175, 200W
	High Pressure Sodium (HPS)	70, 100, 150, 250W
	Metal Halide (MH)	175, 250W
CIM (Cirrus Medium)	Pulse Start Metal Halide (MP)	150, 175, 200, 250, 320, 350, 400, 750, 875, 1000W
	High Pressure Sodium (HPS)	150, 250, 400, 750W
	Metal Halide (MH)	175, 250, 400, 750W

NOTE: 1. 200W not available in Cirrus Small GlowTop (CIG).

Catalog #	Type
Project	
Comments	Date
Prepared by	



CI CIRRUS

70 - 1000W

Pulse Start Metal Halide

High Pressure Sodium

Metal Halide

ARCHITECTURAL
AREA LUMINAIRE

ENERGY DATA

Hi-Reactance Ballast Input Watts

70W HPS HPF (86 Watts)
70W MP HPF (94 Watts)
100W HPS HPF (115 Watts)
100W MP HPF (129 Watts)
150W HPS HPF (170 Watts)
150W MP HPF (185 Watts)

CWA Ballast Input Watts

175W MP HPF (198 Watts) ©
200W MP HPF (227 Watts) ©
250W HPS HPF (295 Watts)
250W MP HPF (283 Watts) ©
320W MP HPF (361 Watts) ©
350W MP HPF (397 Watts) ©
400W HPS HPF (457 Watts)
400W MP HPF (452 Watts) ©
750W HPS HPF (840 Watts)
750W MP HPF (820 Watts)
1000W HPS HPF (1100 Watts)
1000W MP HPF (1070 Watts)
1000W MH HPF (1080 Watts)

EPA

Effective Projected Area: (Sq. Ft.)

CIS/CIG

Arm Mount 1.1

Spider/Yoke Mount 1.6

CIM

Arm Mount 1.47

Spider/Yoke Mount 2.0

SHIPPING DATA

Approximate Net Weight:

65 lbs. (29 kgs.)

ORDERING INFORMATION

Sample Number: CIM-AM-400-MP-MT-5F-BK

Product Family	Mounting Method	Lamp Wattage ⁴		Lamp Type	Voltage ⁸	Distribution
CIS =Cirrus Small Solid Top CIG =Cirrus Small Luminous Top ^{1,2} CIM =Cirrus Medium Solid Top	AM =Arm Mount YM =Yoke Mount ³ SM =Spider Mount ³	MP 70 =70W 100 =100W 150 =150W 175 =175W 200 =200W 250 =250W 320 =320W 350 =350W 400 =400W 750 =750W 875 =875W 1000 =1000W ⁵	HPS 70 =70W 100 =100W 150 =150W 250 =250W 400 =400W 750 =750W 1000 =1000W ⁶ MH ⁷ 175 =175W 250 =250W 400 =400W 1000 =1000W ⁶	MP =Pulse Start Metal Halide HPS =High Pressure Sodium MH =Metal Halide ⁷	120 =120V 208 =208V 240 =240V 277 =277V 347 =347V 480 =480V MT =Multi-Tap ⁹ TT =Multi-Tap ⁹	Horizontal Lamp 1F =Type I Formed ¹⁰ 2F =Type II Formed 2S =Type II Segmented ^{5,11} 3F =Type III Formed 3S =Type III Segmented ^{5,11} 4S =Type IV Segmented ^{5,11} 5F =Type V Formed 5S =Type V Segmented ^{5,11} FT =Forward Throw SL =Spill Light Eliminator ⁵
Color ¹²	Options (Add as Suffix)			Accessories (Order Separately) ¹⁶		
AP =Grey BZ =Bronze BK =Black WH =White DP =Dark Platinum GM =Graphite Metallic	CEC =California Title 20 Compliant Ballast (Applies to 175-320W only) F =Single Fuse (120, 277 or 347V) FF =Double Fuse (208, 240 or 480V) L =Lamp Included P =Button Type Photocontrol (Specify Voltage) ^{13,14} R =NEMA Twistlock Photocontrol Receptacle ¹⁵ HS =House Side Shield VS =Vandal Shield ¹⁵			MA1001-XX =Wall Bracket for Solid Top MA1003-XX =Wall Bracket for Luminous Top ¹⁷ OA/RA1016 =NEMA Twistlock Photocontrol - Multi-Tap OA/RA1027 =NEMA Twistlock Photocontrol - 480V OA/RA1201 =NEMA Twistlock Photocontrol - 347V		

NOTES:

- Available in 120 or 277V only.
- Not available with segmented optics.
- Requires 4" round straight pole for CIS. 5" round straight pole for CIG and CIM.
- Wattage vary by lamp type, see wattage table. Offered standard with medium-base socket for 70-150W formed optics and 70-175W segmented optics. Standard with mogul-base socket for 175-1000W.
- Requires reduced envelope lamp.
- Not available in medium housing.
- 175, 250 and 400W MH available for non-US markets only.
- Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information.
- Multi-Tap ballast is 120/208/240/277V wired 277V. Triple-Tap ballast is 277/347/480V wired 347V.
- Medium housing fixture only.
- Maximum wattage on segmented optical distributions is 400W.
- Other finish colors available, including a full line of RAL color matches. Consult your Eaton's Cooper Lighting business representative.
- Not available for CIG.
- Not available in 480V.
- 400W Maximum.
- Replace XX with color suffix.
- Not for use with 250W HPS.