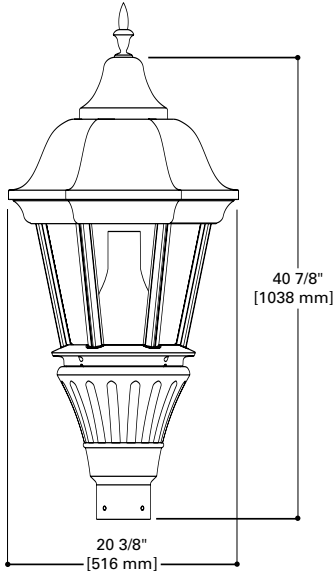




CASCADE
DECORATIVE LUMINAIRE

DIMENSIONS



SPECIFICATION FEATURES

A...Top and Finial

Six-sided cast aluminum top provided with spun aluminum top access cover for toolless lamp replacement. Various cast aluminum finials available.

B...Reflector

Highly specular multi-faceted reflector system provides a Type III or V Cutoff Distribution. The vertical lamp position maximizes light output, ensures a uniform distribution and minimizes direct glare.

C...Globe

Six sided thermoformed acrylic lens is standard.

D...Decorative Chimney

Decorative spun aluminum chimney provided with brushed aluminum finish.

E...Cage Assemblies

Six (6) uprights are manufactured of cast aluminum and attached to the cage ring via four (4) allen head stainless steel fasteners. Cage is attached to the top casting via four (4) stainless steel set screws. Finish colors match housing color choice.

F...Electrical

Ballast assembly is mounted on a removable tray with quick disconnects for ease of installation and maintenance. Plug-in starter is standard for all HPS systems. Terminal block is hard mounted to the casting and can be easily accessed through the door's wide entryway.

G...Housing

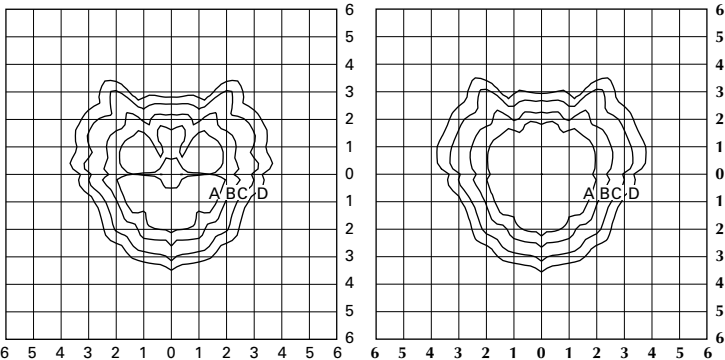
Heavy duty-cast aluminum housing for up to 250W Metal Halide or 250W High Pressure Sodium systems. Optional NEMA photocontrol receptacle is provided with toolless access for ease of maintenance. Standard color include black, bronze, grey, white, hartford green, dark platinum and graphite metallic. RAL and custom color matches available. Consult your Cooper Lighting Representative.

H...Mounting

Post-Top mount fits 3" O.D. tenons. Four (4) allen head stainless steel fasteners standard.



PHOTOMETRICS



Footcandle Table

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting heights.

Mounting Height	Footcandle Values for Isofootcandle Lines			
	A	B	C	D
10'	2.25	1.12	0.45	0.22
15'	1.00	0.50	0.20	0.10
20'	0.56	0.28	0.11	0.05

CAC-175-MH-120-3C-X-BK
15' Mounting Height
175-Watt MH, Type III Acrylic Refractor
14,000-Lumen Clear ED-28 Lamp

CAC-150-HPS-120-3C-X-BK
15' Mounting Height
150-Watt HPS, Type 3 Acrylic Refractor
16,000-Lumen Clear ED-23.5 Lamp

FINIAL OPTIONS



ORDERING INFORMATION

SAMPLE NUMBER: CAC-150-HPS-277-3C-X-BK-L

<p>Product Family CAC=Cascade with Classical Base CAA=Cascade with Acorn Base CAR=Cascade with Architectural Base</p>	<p>Lamp Wattage¹ 50=50W 70=70W 100=100W 150=150W 175=175W 250=250W</p>	<p>Lamp Type MH=Metal Halide HPS=High Pressure Sodium</p>	<p>Voltage 120=120V 208=208V 240=240V 277=277V 347=347V 480=480V DT=Dual-Tap Wired 277V² MT=Multi-Tap Wired 277V² TT=Triple-Tap Wired 347V²</p>	<p>Refractor Type 3C=Type III Cutoff 5C=Type V Cutoff</p>	<p>Finial Type M=Modern A=Architectural N=Nostalgic X=None</p>	<p>Color Option (add as suffix. Must specify color)³ BK=Black AP=Grey BZ=Bronze WH=White GN=Hartford Green DP=Dark Platinum GM=Graphite Metallic</p>	<p>Options (add as suffix) F=Single Fuse (120, 277 or 347V. Specify Voltage) FF=Double Fuse (208, 240 or 480V. Specify Voltage) CC=Matte Black Finish Chimney R=Internal NEMA Twistlock Photocontrol L=Lamp Included</p>	<p>Accessories (order separately) OA/RA1016=NEMA Photocontrol— Multi-Tap OA/RA1027=NEMA Photocontrol— 480V OA/RA1207=NEMA Photocontrol— 347V</p>

NOTES: 1 Medium-base lamps standard for 150W and below Metal Halide. 2 Dual-tap is 120/277V wired 277V. Triple-Tap ballast is 120/240/347V wired 348V. 5-Tap ballast is 120/208/240/277/480V wired 480V. 3 Custom and RAL color matching available upon request. Consult your Cooper Lighting Representative for more information.

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