

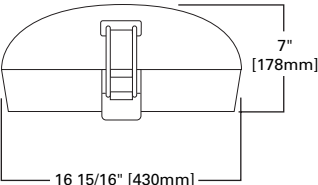
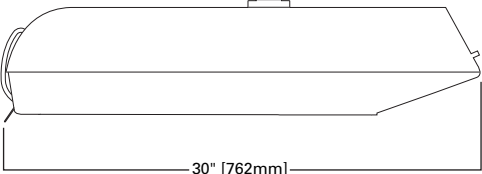
OVF FLAT GLASS

ROADWAY LUMINAIRE

150-400W
MH/HPS/MERCURY



STREETWORKS™



HOUSING

Die-cast aluminum housing with stainless steel ball latch. Standard grey polyester powder coat finish. Other finish colors available. Consult your Streetworks Representative. Optional NEMA twistlock photocontrol receptacle also available.

SOCKET

Adjustable mogul-base porcelain socket.

DOOR

Die-cast aluminum door frame with integral hinges for hands free installation, relamping and maintenance. ANSI wattage/source label.

LENS

Removable tempered flat glass lens.

REFLECTOR

The optical system is a hydroformed anodized aluminum reflector with a Dacron polyester filter.

BALLAST ASSEMBLY

Hard mounted ballast with encapsulated starter for protection from environmental abuse. Standard two position tunnel type compression terminal block. Optional swing-down ballast bridge also available (Not available for 3G applications).

MOUNTING

Two-bolt/one bracket slipfitter with cast-in pipe stop and leveling steps. Fixed-in-place birdguard seals around 1 1/4" or 2" mounting arms. (Birdguard not needed for 2" arm.)

ORDERING INFORMATION

SAMPLE NUMBER: OVF15SWW2D4

PRODUCT FAMILY OVF	LAMP WATTAGE 15=150W ¹ 20=200W 25=250W 31=310W 40=400W ² 24=250/400W wired 250W ² 42=400/250W wired 400W ²	LAMP TYPE ³ S=High Pressure Sodium V=Mercury ⁴ M=Metal Halide	BALLAST TYPE ⁵ C=CWI M=Mag. Reg. W=CWA R=Reac./NPF P=Hi. Reac./HPF H=Reac./HPF N=Hi. Reac./NPF K=10KV CWA	VOLTAGE ³ 2=120V 0=208V 4=240V 7=277V 8=480V 9=347V F=120/240 wired 120V P=240 w/PCR wired 120V W=Multi-Tap wired 120V N=Multi-Tap wired 277V V=Multi-Tap wired 240V	DISTRIBUTION ⁵ 1=Type I 2=Type II 3=Type III	CUTOFF D=MCO	OPTIONS + ACCESSORIES (See Below)
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OPTIONS + ACCESSORIES [Must be listed in the order shown and separated by a dash]

OPTIONS (add as suffix)
1=Single Fuse, Internally Mounted (120, 277V)
2=Double Fuse, Internally Mounted (208, 240 & 480V)
4=Photocontrol Receptacle
WH=White
BK=Black
BZ=Bronze
E=150W/100V/HPS Ballast
H=Plug-in Starter Receptacle
K=Level Indicator
L=Lamp
M=MOV Lightning Surge Protector ⁵
T=Swing-down Ballast Bridge
U=UL/CSA Listed

ACCESSORIES (order separately)
OA/RA1013=Photocontrol Shorting Cap
OA/RA1014=120V Photocontrol
OA/RA1016=105V-285V Photocontrol
OA/RA1027=480V Photocontrol
OA1028=Field Installed PCR Kit
OA1214=TufGuard Vandal Shield

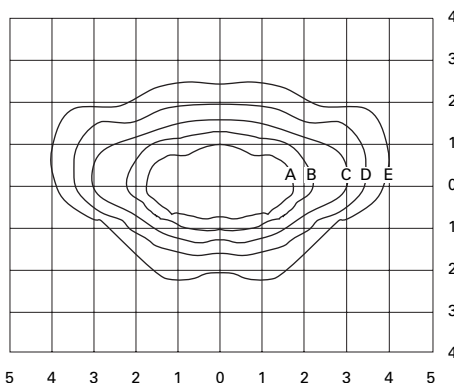
OPTIONAL COLORS [Standard color is grey, other finish colors available. Consult your Cooper Lighting representative]

WH White	BK Black	BZ Bronze

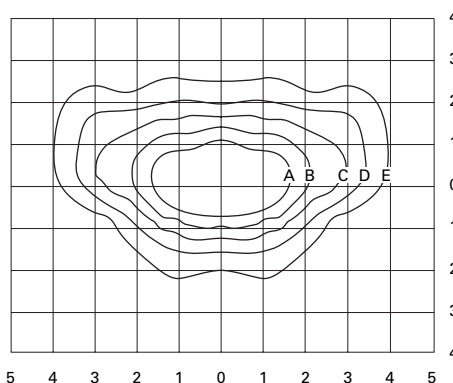
EPA:
Effective Projective Area: .51

SHIPPING DATA
Approximate Net Weight:
30 lbs. (18 kgs.)

NOTE: **1** 150W units are for S55 lamp. **2** Metal Halide requires ED28 lamp. **3** Refer to technical section for lamp/ballast/voltage compatibility. **4** Not available in 400W. **5** MOV option is not available for any system requiring a three position terminal block (Example—240V with PCR wired120V). In order for MOV option to function center terminal of three position terminal block must be connected to "Earth" ground.

PHOTOMETRICS [Complete IES files available at www.cooperlighting.com]**OVF40S2D.IES**

400-Watt HPS
50,000-Lumen Clear Lamp
Type II-Medium Cutoff

**OVF40S3D.IES**

400-Watt HPS
50,000-Lumen Clear Lamp
Type III-Medium Cutoff

FOOTCANDLE TABLE

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

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
OVF40S2D.IES					
25'	3.92	1.96	0.98	0.49	0.20
30'	2.72	1.36	0.68	0.34	0.14
35'	2.00	1.00	0.50	0.25	0.10
40'	1.52	0.76	0.38	0.19	0.08

OVF40S3D.IES

25'	3.92	1.96	0.98	0.49	0.20
30'	2.72	1.36	0.68	0.34	0.14
35'	2.00	1.00	0.50	0.25	0.10
40'	1.52	0.76	0.38	0.19	0.08

PHOTOMETRIC DISTRIBUTION [Curve Number]

Wattage	Light Source ¹	Lens Type	I MCO	II MCO	III MCO
150	HPS (ED23 1/2)	Flat Glass	OVF15S1D (150W)	OVF15S2D (150W)	N/A
200-250	HPS (ED-18)	Flat Glass	N/A	OVF25S2D (250W)	OVF25S3D (250W)
250-400	MH (ED28)	Flat Glass	N/A	OVF40M2D (400W)	N/A
250	MV (ED28)	Flat Glass	N/A	OVF25V2D (250W)	N/A

NOTE: 1 All light sources are clear unless noted otherwise.

SWING-DOWN BALLAST MODULE

