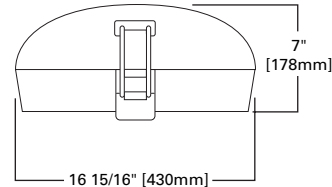
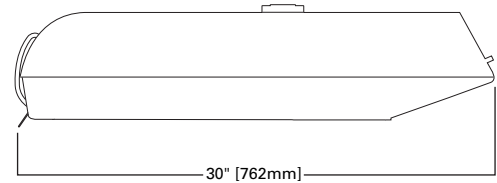


## OVF FLAT GLASS

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	LAMP WATTAGE	LAMP TYPE <sup>3</sup>	BALLAST TYPE <sup>3</sup>	VOLTAGE <sup>3</sup>	DISTRIBUTION <sup>5</sup>	CUTOFF	OPTIONS + ACCESSORIES (See Below)
OVF	15=150W <sup>1</sup> 20=200W 25=250W 31=310W 40=400W <sup>2</sup> 24=250/400W wired 250W <sup>2</sup> 42=400/250W wired 400W <sup>2</sup>	S=High Pressure Sodium V=Mercury <sup>4</sup> M=Metal Halide	C=CWI M=Mag. Reg. W=CWA R=Reac./NPF P=Hi. Reac./HPF H=Reac./HPF N=Hi. Reac./NPF K=10KV CWA	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	1=Type I 2=Type II 3=Type III	D=MCO	

## OPTIONS + ACCESSORIES [Must be listed in the order shown and separated by a dash]

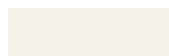
## OPTIONS (add as suffix)

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 <sup>5</sup>  
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  
WhiteBK  
BlackBZ  
Bronze

## EPA:

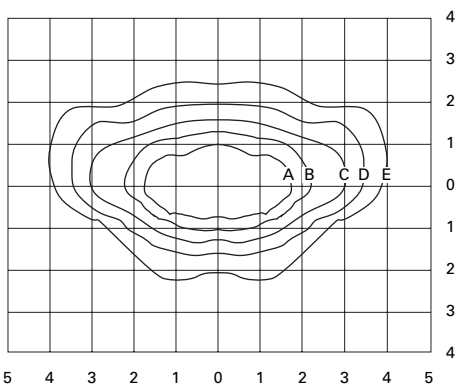
Effective Projective Area: .51

## SHIPPING DATA

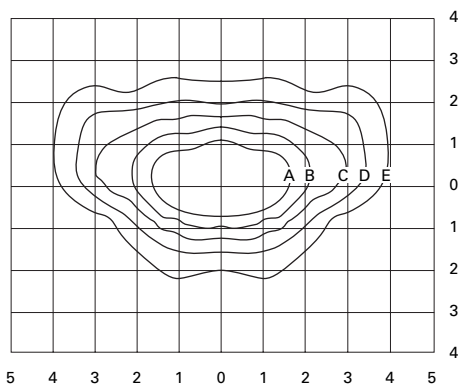
Approximate Net Weight:  
30 lbs. (18 kgs.)

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 wired 120V). 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.

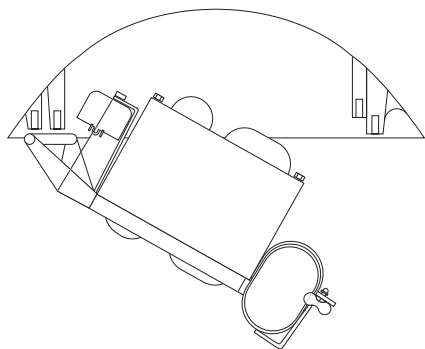
Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
<b>OVF40S2D.IES</b>					
25'	3.92	1.96	0.98	0.49	0.20
30'	2.72	1.36	0.68	0.34	0.14
35'	2.00	1.00	0.50	0.25	0.10
40'	1.52	0.76	0.38	0.19	0.08
<b>OVF40S3D.IES</b>					
25'	3.92	1.96	0.98	0.49	0.20
30'	2.72	1.36	0.68	0.34	0.14
35'	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 <sup>1</sup>	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



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