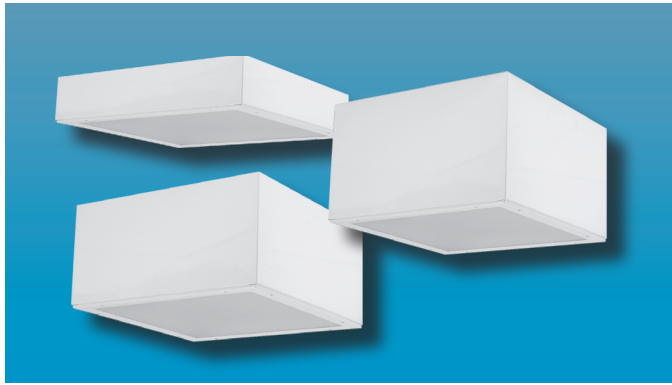


# FPHS-DD

SQUARE SURFACE MOUNTED WITH DROP DOWN DOOR

# FOOD PROCESSING



## Specifier's Reference

Project Name	Type
Catalog No.	
Comments	

- **Listings/Certifications:** UL/CUL. Wet location, NSF listing, IP65 pending.

## Specifications

- **Housing:** 19-gauge cold rolled steel "hole-free" housing with lapped and welded seams. Optional 18-gauge stainless steel or 16-gauge aluminum housing available.
- **Door:** 19-gauge cold rolled steel drop down door with safety cables, mitered corners and closed cell gasket. Optional 18-gauge brushed stainless steel or 16 gauge aluminum door available.
- **Lens:** Standard .125" thick prismatic acrylic. Optional lensing shown below.
- **Door Latch Screws:** Standard captive flush head slotted stainless steel screws with cage nuts.
- **Gasket:** One-piece closed cell neoprene gasket under lens and around perimeter of drop door frame. All seams sealed with silicone caulking.
- **Lamps:** See below for lamping options. Lamps supplied by others.
- **Ballasts:** Standard high power factor ballast. Electronic ballast available. See below.
- **Finish:** Standard baked white polyester powder coat paint finish. Optional AgION™ antimicrobial finish available.
- **Mounting:** 5/16" mounting holes in top of housing.

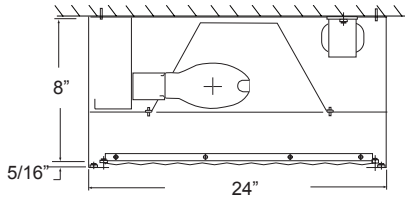
## Ordering Information

Example: **FPHS - DD - 22 - 150MH - HPF - EB - A - SS - 120V**

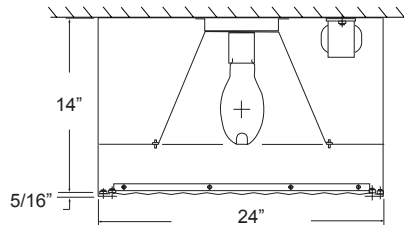
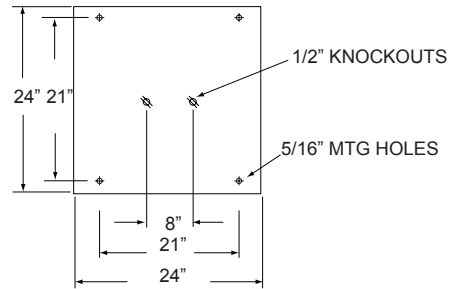
Series	Size	Housing Depth	Lamp Type	Ballast Type	Lens Type	Options	Voltage
<b>FPHS-DD</b>	- <b>22</b> -	- <b>S</b> -	- <b>150MH</b> - <b>150HPS</b>	- <b>HPF</b> -	- <b>A</b> -	- <b>EMG1</b> -	- <b>120</b>
	2 X 2 Unit	Shallow 8" Housing (up to 250W)	150W MH <b>-175MH</b> 175W MH	High Power Factor Ballast (standard)	.125 Prismatic Acrylic (standard)	1-Lamp Emergency Power Pak	120V Operation
		Mid 14" Housing (up to 250W)	250W MH <b>-250MH</b> 320W MH (deep housing only)	Electronic Ballast	.125 Prismatic Polycarbonate	2-Lamp Emergency Power Pak	277V Operation
		Deep 18" Housing (up to 400W)	320W HPS (deep housing only) <b>-320MH</b> 400W MH (deep housing only) <b>-400MH</b> 400W HPS (deep housing only)	Specified Ballast	.187 Prismatic Polycarbonate <b>-F</b> .156 Prismatic Tempered Glass <b>-UV</b> .007 UV Absorbing Overlay	18ga Stainless Steel Housing with 18ga Brushed Flange, Brushed Stainless Steel Door <b>-SS</b> 16ga Painted Aluminum Housing, 16ga Painted Aluminum Door <b>-AL</b> AgION™ Antimicrobial Protection in Powder Coat Paint <b>-AG</b>	347V Operation
						RIF Suppressor <b>-RIF</b> Slo Blo Fusing <b>-GMF</b>	

Note: Contact Factory For Additional Configurations.

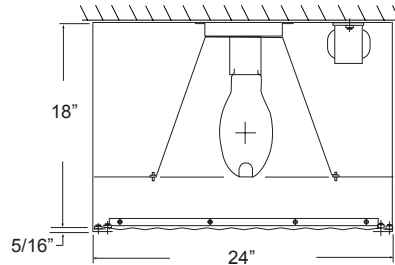
**Dimensions & Mounting**



Shallow Housing  
 (up to 250W)



Mid Housing  
 (up to 250W)



Deep Housing  
 (320W & 400W)

**Photometry**

**Zonal Cavity Coefficient of Utilization**

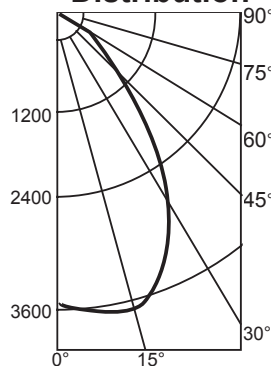
I.T.L. Test No. ITL 37558, Product Catalog Number:

FPHS-DD-22-HPF-175MH-G

Lamps: Clear 175W metal halide, horizontal, rated 12000 lumens.

Floor Ceilings Walls(%)	80%				20% 70%				50%			
	70	50	30	10	70	50	30	10	50	30	10	10
0	75	75	75	75	74	74	74	74	70	70	70	70
1	70	68	66	64	69	67	65	63	64	62	61	61
2	66	62	58	56	64	61	58	55	58	56	54	54
3	61	56	52	49	60	55	51	48	53	50	47	47
4	57	51	47	43	56	50	46	43	49	45	42	42
5	53	46	42	38	52	46	41	38	45	41	38	38
6	50	42	38	34	48	42	37	34	41	37	34	34
7	46	38	34	30	45	38	33	30	37	33	30	30
8	43	35	30	27	42	35	30	27	34	30	27	27
9	40	32	27	24	39	32	27	24	31	27	24	24
10	37	29	25	22	36	29	25	22	28	24	22	22

**Candlepower  
 Distribution**



**Average Luminance  
 in Footlamberts**

Vertical Angles	Average Brightness	
	Norm	Para
45°	5985	3822
55°	3849	2308
65°	2146	1859
75°	1977	1555
85°	2031	1614

Lumin. Effi.	Spacing Cross	Maint. Factor
63.2%	1.4	85%