

COMPACT FLUORESCENT MEDIUM DIE-CAST WALL PACK

The DXSM106EX Series is a durable, large wallpack that is ideal for parking areas, entrances, walkways, underpasses, loading docks, and recreation areas.

Detailed Specifications

CONSTRUCTION

The DXSM106EX Series features a durable, die-cast aluminum enclosure with an architectural bronze powder coated finish. Enclosure is fully sealed and gasketed, and is Wet Location Listed for outdoor use. Enclosure and hardware are corrosion resistant. The DXSM106EX features an internal, anodized aluminum reflector which provides ideal light distribution, and the lamp(s) are protected by a high-impact, heat resistant borosilicate glass refractor.

LAMPS & BALLASTS

High Pressure Sodium: Lamps from 100 to 250 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4kV with a CWA type ballast rated for a minimum operating temperature of -30OC (-22OF) and Multi-tap (120/208/240/277VAC) input.

Metal Halide: Lamps from 70 to 100 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4kV with an HX-HPF ballast rated for a minimum operating temperature of -30°C (-22°F) and Multi-tap (120/208/240/277VAC) input.

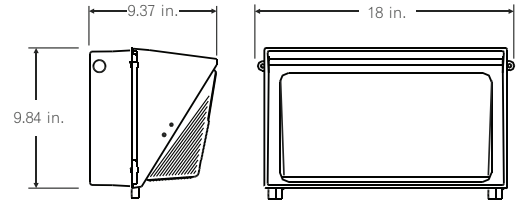
PulseStart Metal Halide: Lamps from 150 to 250 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4kV with a CWA ballast rated for a minimum operating temperature of -30°C (-22°F) and Multi-tap (120/208/240/277VAC) input.

Induction: The DXSM106EX-Ind utilizes an electronic ballast, producing a high-frequency current, controlled by an integrated circuit (IC) chip allowing a power factor of up to 99%. Minimum operating temp of -25°C (-13°F), maximum operating temp of 50°C (122°F). 80W electronic ballast draws 89 watts, 0.73 amps at 120V, 0.32 amps at 277V.

Compact fluorescent: 4-pin Triple Tube lamps from 26 to 84 watts, utilizing a GX24-q3 base with an electronic programmed start ballast rated for a minimum operating temperature of -20°C (-4°F) and 120/277VAC input.

INSTALLATION

The DXSM106EX Series is ideal for mounting to any vertical surface and features a hinged design for easy access to internal components. Can be wired to a 4" junction box, or surface mounted using 1/2" NPS conduit entry points.



Approximate Weight: 16 lbs.



Ordering Information

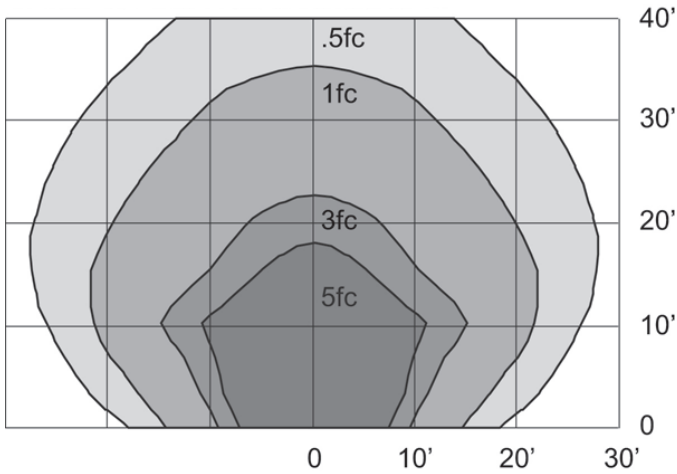
Accessories (order seperately)

Model	Lamp (Type-Watts)	Volts	Options
DXSM106EX	Metal Halide MH-70 MH-100	120 = 120V DT = 120/277V MT = 120/208/240/277V 480 = 480V	SZXXX = Single Line Side fuse (Specify 120 or 277V) EM = Emergency Ballast 2B = Two ac Ballasts for (2) Lamp fixtures USA = Meets Buy america requirements
	Pulse Start Metal Halide PSMH-150 PSMH-175 PSMH-250		
	Induction IND-40 IND-80 IND-100		
	Compact Fluorescent CF-26 CF-32 CF-42 CF-26x2 CF-32x2 CF-42x2		
	High Pressure Sodium HPS-100 HPS-150 HPS-250		

Model
PC1 = 120V photocontrol
PC2 = 208-277V photocontrol
WG106 = Wire Guard
PG106 = Polycarbonate Guard
FC106 = Full Cutoff Shield
RL106 = Replacement Lens

Ordering Example: DXSM106EX-MH-70-DT

DXSM106EX-PSMH-250 Mounted at 10'

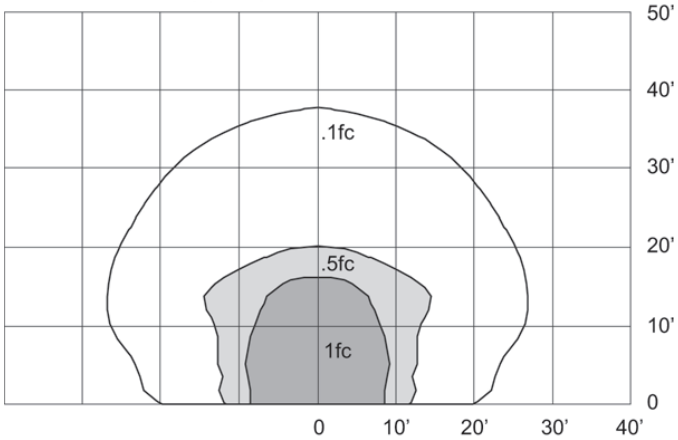


Footcandle Correction

Multiply factors times the footcandle values for changes in lamp type.

<i>Lamps</i>	150W PSMH	250W PSM H	250W HPS
<i>Factor</i>	.58	1.00	1.22

DXSM106EX-CF-42 Mounted at 10'



Electrical Specifications

Lamp Wattage	Ballast Type	Power Factor	Max Watts	Amps @ 120V	Amps @277V	Min. Temp	Max Temp	Initial Lumens	CCT	CRI	Rated Lamp Life
40	Electronic	Up to 99%	45W	.38	.17	-25°C (-13°F)	50°C (122°F)	2800	5000 K	>80 (Ra)	100,000 Hour
80			86W	.73	.32			6400			
100			108W	.90	.39			8000			