



**HID PIT LITE**

**APPLICATIONS:**

- UL/CUL Listed Wet Location
- UL/CUL Hazardous Location (Class I, Division 2; Groups A,B,C & D)

**BENEFITS:**

- Luminaires adaptable to your specific needs

**FEATURES:**

- Mudbox included
- Every luminaire tested with lamp to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

**SPECIFICATIONS:**

**HOUSING:**

Constructed of nominal 20GA (.036) zinc coated steel for unmatched corrosion protection. Two welded, tapered, threaded hubs on the back provides a sealed wireway access. All seams are sealed with a long life acrylic sealant.

**MUD BOX:**

Nominal 16GA (.059) zinc coated steel, with all seams sealed. Two .875 dia. holes on the back provides access to the luminaire hub.

**REFLECTOR:**

Fabricated of diffuse aluminum.

**LENS FRAME:**

Nominal 16GA (.059) zinc coated steel, with welded seams. Captive stainless steel screws hold the lens frame tight to the housing.

**WIRE GUARD:**

11GA welded wire construction, welded to the lens frame.

**GASKETING:**

Silicone sealant is used to seal the lens into the lens frame, with sponge silicone gasket used to seal the frame to the housing.

**FINISH:**

Painted surfaces are two mil of white polyester enamel.

**LENS:**

.187 Pattern 62 tempered glass.

**ELECTRICAL:**

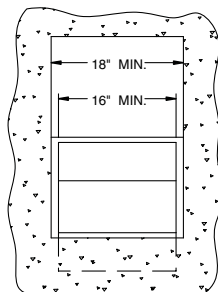
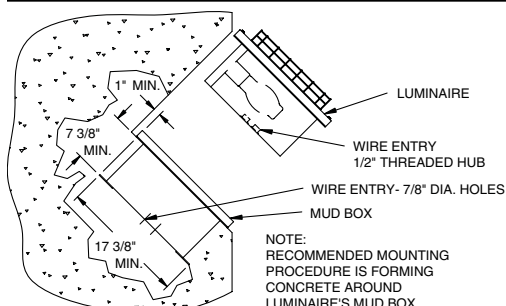
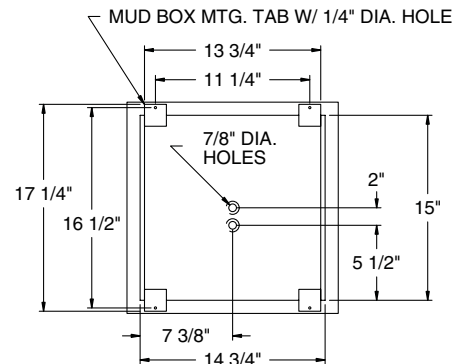
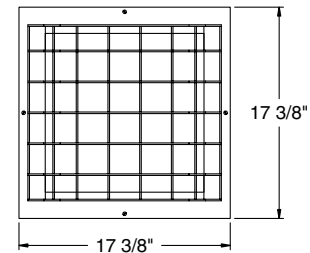
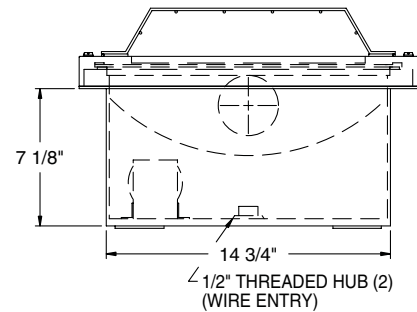
Core and coil ballast standard. Porcelain mogul base lampholder has a nickel plated screw shell. Mogul base lampholder is provided for 100W lamp, all others provided with medium base lampholder.

**MOUNTING:**

Recessed only.

**TEMPERATURE:**

Class I, Div. 2 = T2B (245°C)



Note: Mudbox can ship prior to luminaire. Please consult factory.



Hazardous Location:

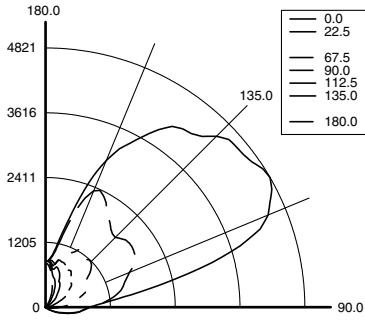


# ZP5 Series



## PHOTOMETRICS:

Model ZP5100S9, Semi-specular Reflector with Wire Guard and Tempered Glass Lens, 1 100W HPS Lamp, Lamp Lumen Rating = 9500



### Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5				.3				.1				0
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
R 0	55	55	55	55	47	47	47	47	34	34	34	21	21	21	9	9	9	4	4	4	0
C 1	49	46	43	41	42	40	37	36	28	26	25	17	16	15	6	6	6	1	1	1	0
R 2	44	40	36	33	38	34	31	28	24	22	20	14	13	12	5	5	4	0	0	0	0
3	40	35	30	27	34	30	26	23	21	18	16	12	11	10	4	4	3	0	0	0	0
4	36	30	26	22	31	26	22	19	18	16	14	11	9	8	4	3	3	0	0	0	0
5	33	27	22	19	28	23	19	16	16	13	11	9	8	7	3	3	2	0	0	0	0
6	30	24	19	16	26	20	17	14	14	12	10	8	7	6	3	2	2	0	0	0	0
7	28	21	17	14	24	18	15	12	13	10	8	8	6	5	3	2	1	0	0	0	0
8	26	19	15	12	22	16	13	10	11	9	7	7	5	4	2	2	1	0	0	0	0
9	24	17	13	10	20	15	11	9	10	8	6	6	5	4	2	1	1	0	0	0	0
10	22	16	12	9	19	13	10	8	9	7	5	6	4	3	2	1	1	0	0	0	0

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	0	0	0
0-40	0	0	0
0-60	12	0.1	0.2
0-90	430	4.5	7.9
90-120	1857	19.5	34.3
90-130	2683	28.2	49.6
90-150	4120	43.4	76.1
90-180	4980	52.4	92.1
0-180	5411	57	100

Total Luminaire Optical Efficiency = 57.0%  
Spacing Criterion: 0° = 5.44, 90° = 5.44

## HID PIT LITE ORDERING INFORMATION:

<b>ZP5</b> <b>SERIES</b> ZP5 Hazardous	<b>LAMP WATTS</b> 35 Medium Base (HPS Only) 50 Medium Base 70 Medium Base 100 Mogul Base	<b>LAMP TYPE</b> M MH S HPS	<b>9</b> <b>LENS</b> .187 Tempered Glass (P62)	<b>OPTIONS</b> <b>FUSING &amp; ELECTRICAL</b> F2 GMF/HLR Fusing (Slow) L1 Medium Base Lampholder (100W Only) <b>LENSING</b> H5 .156 C73 Tempered Glass H6 .187 Clear Tempered Glass <b>MISC</b> P9 Special Paint Color (Provide Paint Code & Chip) T3 Tamper Resistant (Spanner STD, Others Avail.) <i>Add hyphens between options</i>	<b>VOLTAGE</b> 120V/60Hz Standard 208V/60Hz 240V/60Hz 277V/60Hz 347V/60Hz 480V/60Hz 50Hz Available
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**Project Information:**

Information subject to change without notice. Lamps supplied by others.

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