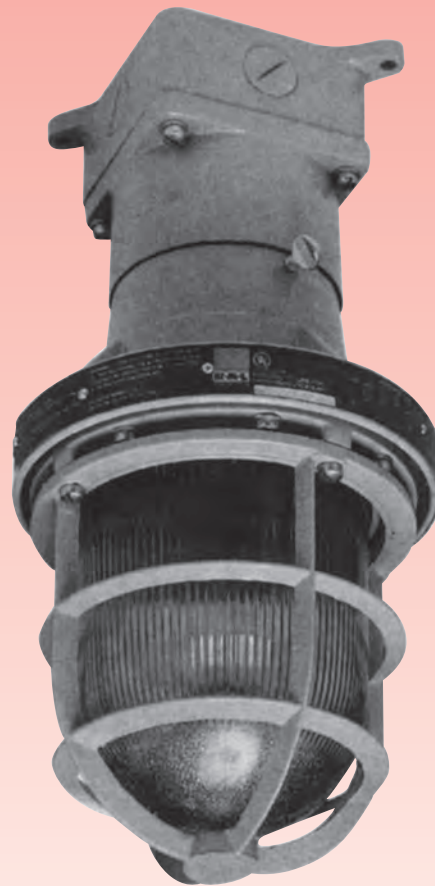


XPI SERIES

Incandescent Lighting for Explosion Proof, Hazardous and Hostile Locations

- Class I, Division 1, Groups C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Wet Locations
- UL Listed for Paint Spray Booth
- NEMA 3, 4X, 7CD & 9EFG
- UL 844 Hazardous Locations
- Factory Sealed

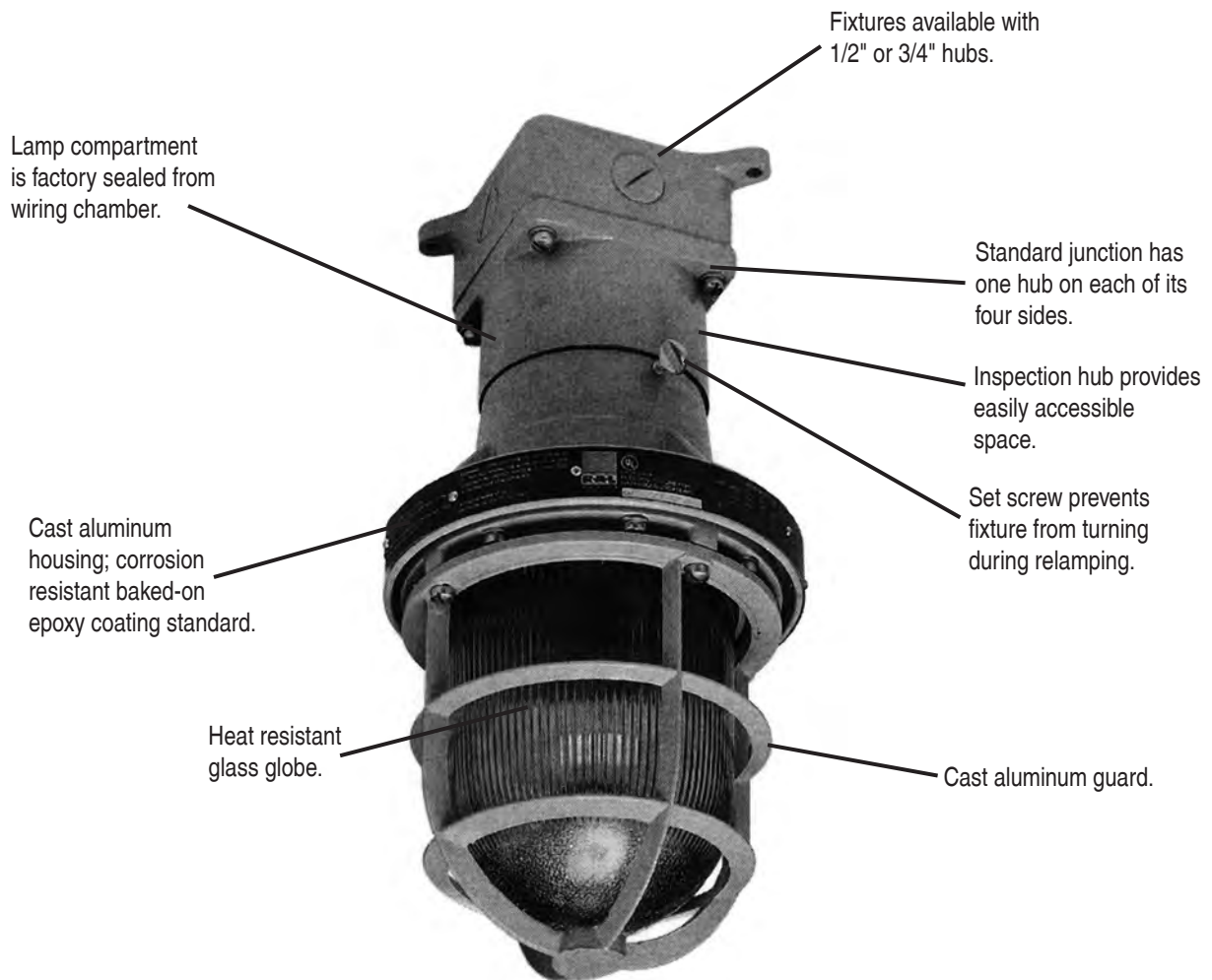


AZZ | R-A-L™
RIG-A-LITE



XPI SERIES

Incandescent Lighting for Hazardous and Hostile Locations



- Factory sealed— external seals not necessary
- Aluminum Reflectors Available
- 25°C maximum ambient temperature

INCANDESCENT

XPI Series

Explosion Proof • Class II, Class III • Paint Spray Booth • UL 844 • Factory Sealed

Catalog Number Logic

XPI-P-75-G



1

BASIC SERIES

UL 844 Hazardous Locations
 Class I, Groups C & D, Division 1 & 2 (300 Watt PS-25 Max.)
 Class II, Groups E, F & G, Divisions 1 & 2 (150 Watt Max.)
 Class III, (150 Watt Max.)
 UL Listed for Use in Paint Spray Areas (75 Watt Max.)
 Suitable for Wet Locations
 250V Max. (AC Only)
 25°C Max. Ambient Temperature

2

MOUNTING STYLE

P = Pendant
 C = Ceiling
 W = Wall

3

HUB SIZE

50 = 1/2" NPT
 75 = 3/4" NPT

4

GUARD

G = Standard

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

Certification Guide

Location		Maximum Wattage			Operating Temperature Code
Class, Division	Groups	Without Reflector	With Std. Dome Reflector	With 30° Angle Reflector	
I, 1 & 2	C & D	300	300	300	T3C (160°C/320°F)
I, 1 & 2	D Paint Spray	75	-	-	T4A (120°C/248°F)
II, 1 & 2	E & F	200	150	200	T3 (200°C/392°F)
II, 1 & 2	E, F & G	100	-	150	T3C (160°C/320°F)
III		100	-	150	T3C (160°C/320°F)

INCANDESCENT XPI Series

Explosion Proof • Class II, Class III • Paint Spray Booth • UL 844 • Factory Sealed

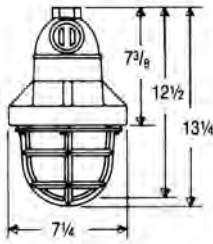
(Lamps not included)

Mounting Style	Max. Lamp Watts	Conduit Size (In.)	Catalog Number	Shipping Weight (Lbs.)
Pendant Mount 	300	1/2	XPI-P-50-G	10
	300	3/4	XPI-P-75-G	10
Ceiling² Mount 	300	1/2	XPI-C-50-G	11
	300	3/4	XPI-C-75-G	11
Wall² Mount 	300	1/2	XPI-W-50-G	14
	300	3/4	XPI-W-75-G	14

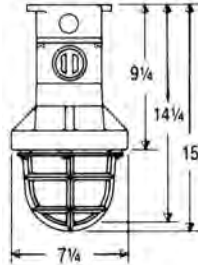
²Fixtures listed are with standard junction box with four hubs; if junction box with eight hubs is desired add suffix "T" to the catalog number.

XPI Dimensions (inches)

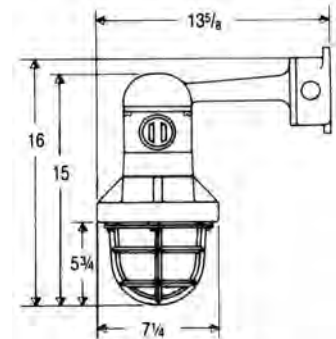
PENDANT



CEILING



WALL



Coefficients of Utilization

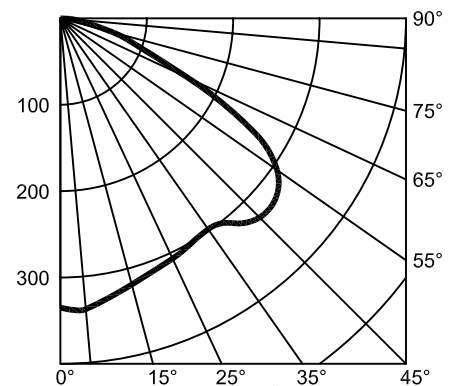
XPI15-I-R

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
	50	30	10	50	30	10	50	30	10
% Wall Reflectance rw									
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.69	.69	.69	.65	.65	.65	.59	.59	.59
1	.59	.56	.53	.55	.53	.50	.50	.49	.47
2	.50	.45	.41	.46	.43	.40	.43	.40	.38
3	.42	.37	.33	.40	.35	.32	.36	.33	.30
4	.37	.31	.26	.34	.30	.26	.32	.28	.25
5	.32	.26	.22	.30	.25	.21	.28	.24	.21
6	.28	.22	.18	.27	.22	.18	.25	.21	.18
7	.25	.20	.16	.24	.19	.15	.22	.18	.15
8	.23	.17	.13	.21	.17	.13	.20	.16	.13
9	.21	.15	.12	.19	.15	.12	.18	.14	.11
10	.19	.14	.10	.18	.13	.10	.17	.13	.10

Candlepower Distribution

Deg.	Norm
0	334.8
5	338.4
15	319.2
25	307.2
35	297.5
45	326.4
55	306.0
65	163.2
75	62.4
85	15.6
90	1.2

Photometric Data









INCANDESCENT




XPI Series

Explosion Proof • Class II, Class III • Paint Spray Booth • UL 844 • Factory Sealed

Components and Accessories

Reflectors	Catalog Number	Description	Shipping Weight (Lbs.)
	XPI200DR	Dome Reflector	2
	XPI200AR	Angle Reflector	2

Hanger Boxes	Cover Conduit Size (In.)	Box Conduit Size (In.)	Catalog Number	Shipping Weight (Lbs.)
4 Hub Box 	Blank	1/2	XPIBB50	2.75
	Blank	3/4	XPIBB75	2.75
8 Hub Box 	Blank	1/2	XPITB50	2.75
	Blank	3/4	XPITB75	2.75
4 Hub Box 	1/2	1/2	XPIB50	3
	3/4	3/4	XPIB75	3
8 Hub Box 	1/2	1/2	XPIB250	3
	3/4	3/4	XPIB275	3

Guard	Catalog Number	Description	Shipping Weight (Lbs.)
	86113	Guard	1.7
Lamp Socket	Catalog Number	Description	Shipping Weight (Lbs.)
	86112	Lamp Socket	.5
Exit Sign	Catalog Number	Description	Shipping Weight (Lbs.)
	XPIEXIT	Exit Sign	1.5

NOTES