

Hazlux

Hazlux 3 Induction Lighting Fixture

Now you can use the longest-life lamp available on the market.

In the typical process industry plant, reliable lighting is often required in hazardous, hard-to-reach places. Lamp replacement not only places employees at risk, but often requires the rental of expensive equipment such as scissor lifts.

With the introduction of Hazlux Induction Lighting Fixtures for hazardous areas (Class 1, Zone 2, Groups IIA, IIB, IIC, Exn R II T3 (restricted breathing*), Div. 2 Groups A, B, C, D) and non-hazardous areas, you can benefit from the longest lamp life available on the market. Hazlux® 3 HID lights are equipped with Philips® QL Induction lamps for the longest lamp life ever.

Over six times
the life of a
traditional Metal
Halide Lamp!

- 60,000+ hour lamp life
- Reduced maintenance/re-lamp operations
- Instant On-Instant Restrike at ambient temperature of 20°C
- Automatic switch-off in case of failure
- Warm white light
- Exceptional energy efficiency
- -40°C to 40°C ambient operating range
- Retrofits into existing Hazlux® 3 applications
- Acceptable for use with infrared remote control equipment operating at 36kHz
- RFI-approved for environments up to 1000 MHz (FCC part 18 reference luminaire)



Here's how you save maintenance costs with Hazlux® Induction Lighting:

- Eliminates the need for expensive HID options such as Quartz Auxiliary Lamps or Instant Restrike.
- Reduces risks to installers performing maintenance in hard-to-reach places.
- Reduces number of times necessary to de-energize entire circuit of lights for maintenance in hazardous locations.
- Increases efficiency by decreasing machine shutdown time.
- Lowers cost of expensive rental of scissor lifts or bucket trucks.

Hazlux® Induction Lighting reduces the cost of expensive maintenance of industrial lighting in hazardous locations.

*With appropriate fittings installed.



Induction

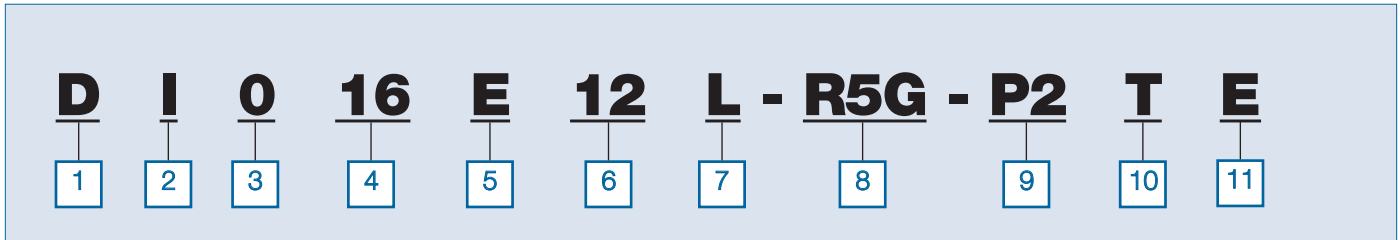


Class I — Zone 2, Groups IIC, IIB, IIA,
Exn R II T3 (Restricted Breathing†)
— Division 2, Groups A, B, C and D
Class II — Division 1 and 2, Groups E, F and G
Class III

- UL Listed (UL1598) for Marine Locations
- NEMA 4X, IP66



Induction Lighting Fixture Catalogue Numbering System



1 — **Fixture Series**
D = Hazlux® 3 HID Fixture

2 — **Lamp Type**
I = Induction Lighting

3 — **Starter Circuit/Quartz Options**
O = Standard Fixture

4 — **Lamp Wattage**
16 = 165 Watt Induction System

5 — **Ballast Circuit**
E = Electronic Ballast (Induction Fixture)

6 — **Voltage**
12 = 120V 60 Hz

Tank
L = Large Tank

7 — **Optics and Guards**
R5G = Type V Refractor with Wire Guard
R5 = Type V Refractor

8 — **Mounting Style**
A2 = 3/4 in. Cone Top Pendant
A3 = 1 in. Cone Top Pendant Mount
B2 = 3/4 in. Wall Mount
B3 = 1" Wall Mount
C2 = 3/4 in. Ceiling Mount
C3 = 1" Ceiling Mount
F2 = 3/4 in. Flexible Pendant
F3 = 1" Flexible Pendant
HV1 = Hazvertor Ring Class I, Div 2, Zone 2
L4 = 1-1/4 in. Straight Stanchion
L5 = 1-1/2 in. Straight Stanchion
P2 = 3/4 in. Rigid Pendant
P3 = 1 in. Rigid Pendant
S4 = 1-1/4 in. 25 Degree Stanchion
S5 = 1-1/2 in. 25 Degree Stanchion

9 — **Special Options**
T = Haz-Cote™ Custom Corrosion Coating
(Consult Factory)

10 — **Hazpak® Options**
E = Hazpak with Induction Lamp

†With appropriate fittings installed

Hazlux

Hazlux 3, Standard Housing, Fixture Assembly Sample

