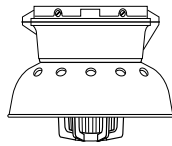


HID Lighting Fixtures

Hazlux® 3



50 - 400 Watts



- UL 844
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X

Applications

- Chemical Plants
- Oil Refineries
- Paint, Rubber Manufacturing
- Offshore Platforms
- Oil Drilling Rigs
- Oil, Gas Transmission
- Waste Treatment Facilities
- Airplane, Aerospace Facilities
- Electronics Manufacturing
- Pharmaceutical Plants
- Aircraft Manufacturing
- Vehicle Maintenance Facilities
- Grain Handling, Food Processing
- Coal Handling and Processing
- Flour, Sugar, Starch Processing
- Ammunition Manufacturing
- Coal, Gold and Copper Mining
- Pulp and Paper Manufacturing
- Copper, Aluminum Smelting
- Breweries, Malt Plants
- Shipyards, Shipbuilding Facilities
- Automobile Manufacturing
- Marine and Coastal Facilities
- Utility Power Plants
- Steel Mills, Foundries
- General Manufacturing Plants



Features and Benefits

- Modular fixture components enable hundreds of easy-to-assemble combinations.
- Cast copper-free aluminum housings and mounting covers for light weight and corrosion resistance.
- Electrostatically applied powder coat finish for added corrosion resistance.
- Thermal shock resistant glass globes and refractors protect lamps in wet, marine, outdoor applications.
- All glass globes and refractors are fully threaded and provide dust-tight, water-tight seal with silicone rubber gaskets.
- Standard globe guards are made from rugged polycarbonate plastic or cast aluminum, with keyhole slots for ease of installation, and do not interfere with globe threads.
- All exposed hardware is stainless steel for corrosion resistance; screws are slotted, hex-head style to further ease installation.
- Comprehensive UL listings for Class I, Division 2; Class I, Zone 2; and Class II.
- Available for use with High Pressure Sodium, Metal Halide, and Mercury Vapor lamps up to 400 watts.
- Eight different mounting styles — Rigid Pendant, Flexible Pendant, Cone Pendant, Ceiling, Wall, 25° Stanchion,

Straight Stanchion, and HazVertor™ Adapter Ring.

- Three ballast housing choices — Standard Tank, “R” - Tank, and Large Tank.
- Heat sinks in ballast housings allow ballasts to operate cooler, provide longer life, improved temperature performance.
- Bright white FRP (fiberglass reinforced polyester) angle or dome reflectors resist corrosion while maximizing lighting effectiveness.
- Many optical choices — standard globes, threaded refractor globes, 7/4” globes, 12” refractors, enclosed high bay reflectors, and more.
- All mounting covers provided with dual lead ground wire for connection to field and fixture grounds.
- Optional HazCote™ coating for extremely corrosive applications.
- Optional stainless steel inserts for guard screws and ballast tank closure screw for enhanced corrosion resistance.
- Optional TuffSkin® silicone coating on glass optics contains fragments if glass is broken (for food processing).
- Optional instant restrike starter for HPS lamps up to 150 watts restarts hot HPS

Materials and Finishes

- Ballast Housings — Copper free aluminum, powder finish
- Mounting Covers — Copper free aluminum, powder finish
- Guards — Polycarbonate, copper free aluminum, or steel
- Globes — Tempered glass or borosilicate glass
- Refractor Globes — Borosilicate glass
- Refractors (12”) - Borosilicate glass
- Hardware — Stainless steel
- Reflectors — Fiberglass reinforced polyester (Std. dome, angle); anodized aluminum (deep dome, high bay enclosed)
- Gaskets — High temperature silicone rubber

Certifications

- UL Listed (UL844) for: Class I, Division 2, Groups A, B, C, D Class I, Zone 2, Groups IIA, IIB, IIC Class II, Divisions 1 & 2, Groups E, F, G Class III Wet Locations
- UL Listed (UL595) for: Marine Locations
- NEMA 4X, IP66
- CSA Certified (Contact Hazlux)

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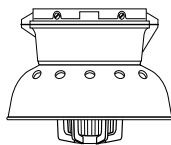
Hazlux® Quotations, Memphis, TN: 800-888-0211

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Fixtures for Class I,
Division 2:
Class II: Wet & Marine

Catalog Numbering System

Hazlux® 3



50 - 400 Watts



- UL 844
- Class I, Division 2, Groups A,B,C,D
- Class II, Div. 1&2, Groups E,F,G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Catalog Numbering System

D S 0 15 H 12 0 - TGL - P2 E1 F N
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

① Hazlux Fixture Series

- D = Hazlux 3 HID Fixture
 Class I, Div. 2, Groups A, B, C, D
 Class I, Zone 2, Groups IIA, IIB, IIC
 Class II, Div. 1 & 2, Groups E, F, G
 Class III
 UL 595 Marine Locations
 Wet Locations
 NEMA 4X, IP66

② Lamp Type

- S = High Pressure Sodium
 H = Metal Halide
 M = Mercury Vapor

③ Starter Circuit/Quartz Options

- 0 = Standard Fixture
 Q = Quartz Auxiliary Option
 R = Instant Restart
 J = Auto Shutoff Starter

④ Lamp Wattage

- 05 = 50 Watts
 07 = 70 Watts
 10 = 100 Watts
 15 = 150 Watts
 17 = 175 Watts
 20 = 200 Watts
 25 = 250 Watts
 40 = 400 Watts

⑤ Ballast Circuit

- H = High Reactance
 C = Constant Wattage Autotransformer
 (All ballasts high power factor.)

⑥ Voltage/Frequency

- 03 = 120/277V, 60Hz
 04 = 120/208/240/277V, 60Hz
 09 = 120/240/347V, 60Hz (CSA)
 12 = 120V, 60Hz
 27 = 277V, 60Hz
 48 = 480V, 60Hz
 225 = 220V, 50Hz
 245 = 240V, 50Hz

⑦ Ballast Housing Style

- 0 = Standard Housing (150W HPS, 250W MH, MV max.)
 R = Refractor Globe Housing (150W HPS, 250W MH, MV max.)
 L = Large Housing (200-400W HPS; 400W MH, MV)
 S = Standard Housing w/Stainless Steel Inserts
 I = Refractor Globe Housing w/Stainless Steel Inserts
 M = Large Housing w/Stainless Steel Inserts

⑧ Optical Assembly Options

- For Std. Housing Fixtures (5-1/2" Thread)
 TG = Thermal Shock Resist. Globe
 TGL = TG with Polymeric Guard
 SG = Tuffskin® Coated Globe
 SGL = SG with Polymeric Guard
 R2 = 12" Glass Refractor, Type II
 R5 = 12" Glass Refractor, Type V
 R2G = R2 with Wire Guard
 R5G = R5 with Wire Guard
 For Refr. Globe Housing Fixtures (7-3/4" Thread)
 R1 = 7 3/4" Refractor Globe, Type I
 R3 = 7 3/4" Refractor Globe, Type III
 R5 = 7 3/4" Refractor Globe, Type V
 R1P = R1 with Polymeric Guard
 R3P = R3 with Polymeric Guard
 R5P = R5 with Polymeric Guard
 TG = 7 3/4" Thermal Shock Res. Globe
 TGP = TG with Polymeric Guard
 For Large Housing Fixtures (7-3/4" Thread)
 TG = Thermal Shock Resist. Globe
 TGC = TG with Cast Alum. Guard
 SG = Tuffskin® Coated Globe
 SGC = SG with Cast Alum. Guard
 R2 = 12" Glass Refractor, Type II
 R5 = 12" Glass Refractor, Type V
 R2G = R2 with Steel Guard
 R5G = R5 with Steel Guard
 RCB = Enclosed High Bay Reflector
 RCG = RCB with Steel Wire Guard

⑨ Mounting Style

- A2 = 3/4" Cone Top Pendant
 A3 = 1" Cone Top Pendant
 B2 = 3/4" Wall Mount
 B3 = 1" Wall Mount
 C2 = 3/4" Ceiling Mount
 C3 = 1" Ceiling Mount
 F2 = 3/4" Flexible Pendant
 F3 = 1" Flexible Pendant
 HV1 = HazVektor™ Ring - CI, D2
 HV2 = HazVektor™ Ring - CII, D1
 L4 = 1/4" Straight Stanchion
 L5 = 1/2" Straight Stanchion
 P2 = 3/4" Rigid Pendant
 P3 = 1" Rigid Pendant
 S4 = 1/4" 25° Angle Stanchion
 S5 = 1/2" 25° Angle Stanchion

⑩ Special Finish Option

- T = HazCote™ Custom Corrosion Coating

⑪ UNIPAK® Packaging Options

- E = UNIPAK with Clear Lamp
 E1 = UNIPAK, Clear Lamp, Dome Reflector
 E2 = UNIPAK, Clear Lamp, Angle Reflector
 D = UNIPAK with Dual Arc Lamp
 D1 = UNIPAK, Dual Arc Lamp, Dome Reflector
 D2 = UNIPAK, Dual Arc Lamp, Angle Reflector

⑫ Fusing Options

- F = Single Fuse Block with Fuse
 FF = Double Fuse Block with Fuse

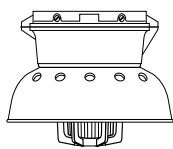

⑬ NEMA Lamp Wattage Decal

- N = NEMA Lamp Wattage Decal on Housing

⑭ CSA Certification

- C = CSA Nameplate (consult factory)



<p>UNIPAK, HazVektor™ Options</p>	<p>Hazlux® 3</p>  <p>50 - 400 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Division 2, Groups A, B, C, D • Class II, Division 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X
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UNIPAK® Packaging

Hazlux 3 fixtures ordered with the UNIPAK® packaging option will be completely assembled with lamp (and with mounting cover and/or reflector, if specified) and shipped in one carton. Each fixture assembly is foamed in place in the carton to insure zero transit damage. Receiving, handling, storing, identification, assembly, and component matching are all made easier by this common sense approach to manufacturing and shipping.

Use the Catalog Numbering codes (Position #11) to add UNIPAK® with lamp packaging to any make-to-order Hazlux 3 assembly, or refer to the table below to order the most commonly used Hazlux 3 UNIPAK® assemblies from our finished goods inventories!

Benefits of UNIPAK® Packaging:

- ✓ Fewer cartons to receive.
- ✓ Fewer cartons to store.
- ✓ Reduced jobsite material handling costs
- ✓ Lower installation labor costs.
- ✓ No chance of Lamp/Ballast mismatch in field.
- ✓ No waiting around for fixtures.

Check stock quantities on-line by calling your Hazlux Sales Representative or Hazlux Quotations at 1-800-888-0211.

Hazlux 3 UNIPAK® with Lamp Fixture Assemblies (Order Mounting Covers, Reflectors Separately)

Hazlux 3 UNIPAK, Description	Catalog No.
70W HPS with Globe, Guard, Lamp	DS007H040-TGL-E
100W HPS with Globe, Guard, Lamp	DS010H040-TGL-E
150W HPS with Globe, Guard, Lamp	DS015H040-TGL-E
175W MH with Globe, Guard, Lamp	DH017C040-TGL-E
150W HPS with Type V Refractor Globe, Guard, Lamp	DS015H04R-R5P-E

HazVektor™ Adapter Ring

The HazVektor Ring is a UL listed adapter ring which gives you the freedom to replace Crouse-Hinds® VMV, LMV, and DMV series Champ® lighting fixtures with Hazlux 3 fixtures — *without removing the Crouse-Hinds mounting top hat from the conduit system.*

Just Look at the Advantages:

- Increase energy efficiency and lumen output by upgrading from mercury vapor to metal halide or high pressure sodium.
- Utilize Hazlux threaded glass refractors for improved light distribution.
- Obtain Class II hazardous dust listings in any wattage.
- Utilize glass refractors in Class II locations.
- Obtain cooler T-numbers and improved photometric performance in many cases.

Easy to Order. Easy to Install. UL Listed. For Use with ANY Hazlux® 3 Fixture.



Crouse-Hinds® and Champ® are registered trademarks of Cooper Industries, Inc.

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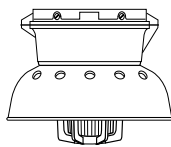
Hazlux® Quotations, Memphis, TN: 800-888-0211

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C3

Fixture Components

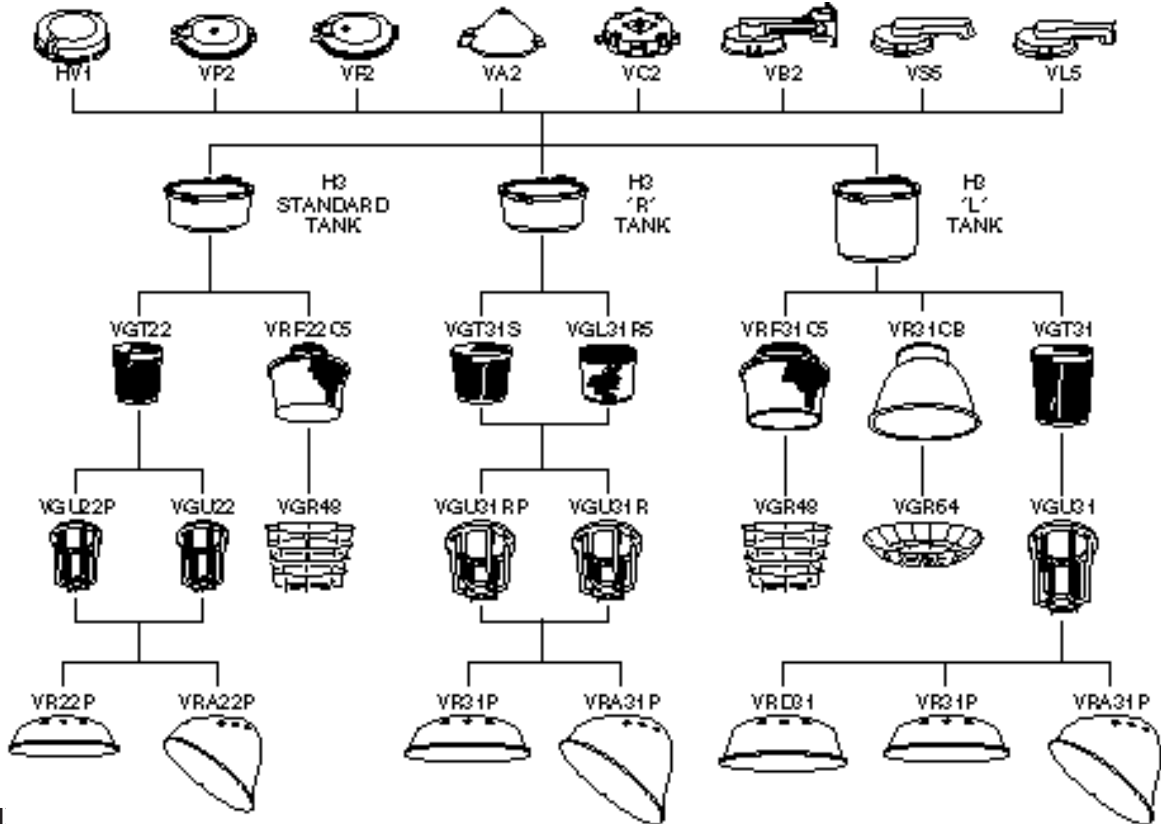
Hazlux® 3



50 - 400 Watts



- UL 844
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X



Hazlu

The options listed below plus many more are available with Hazlux 3 fixtures. Refer to the "Catalog Numbering System" section and "Ordering Information" pages of this brochure for ordering details.

- **Instant Restart (50-150W HPS)**
Allows high pressure sodium lamp to be immediately restarted after a momentary power outage.
- **Auxiliary Quartz Circuit - All**
Fixture provided with 120 volt quartz lamp circuit. Quartz lamp will operate during HID warm-up period, or when HID lamp cools down before restarting.
- **NEMA Lamp Wattage Decal - All**
Adhesive backed lamp wattage decal is provided on ballast housing exterior to clearly indicate wattage for relamping and maintenance.
- **Auto Shutoff Option (50-150W HPS)**
Auto shutoff device prevents starter failure by disabling the starter circuit in case of cycling or defective HPS lamp. (Not for use with instant restart option.)
- **50 Hertz Ballasts (Most Hazlux 3 Fixtures)**
50 hertz ballasts in a variety of voltages can be furnished for international voltage systems.
- **Tuffskin® Coated Glass Globes (All Globes)**
Tuffskin silicone coating contains glass particles in case of breakage; prevents glass from contaminating process areas.
- **HazCote™ Custom Corrosion Resistant Coating (All)**
Custom chemical coating provides even higher degree of corrosion protection for cast aluminum parts. For use in highly corrosive environments.
- **Dual Arc Tube Lamps (HPS)**
Provide standby/immediate restart capabilities.
- **Stainless Steel Inserts (All)**
Stainless steel inserts for guard screws and ballast housing closure screw eliminate possibility of galvanic corrosion between stainless steel screws and aluminum parts.
- **UNIPAK® Packaging (All)**
UNIPAK packaging means that fixtures are completely assembled — with lamp — and foamed in one carton. Saves labor, handling, storage, and reduces total installed cost per fixture. See UNIPAK section of this brochure.
- **HazVertor® Adapter Ring**
UL Listed adapter ring enables quick, easy, UL listed retrofit of Crouse-Hinds® VMV, LMV, and DMV series Champ® fixtures. See HazVertor section of this brochure.

Crouse-Hinds® and Champ® are registered trademarks of Cooper Industries, Inc.

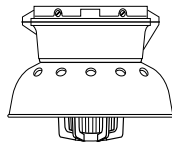
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Fixture Selection Process

Hazlux® 3



50 - 400 Watts



- UL844
- Class I, Div. 2, Groups A,B,C,D
- Class II, Div. 1 & 2, Groups E,F,G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

STEP 1:

Select Ballast Housing from this column.

Based on:

- Lamp type and wattage
- Desired optical assembly.

STEP 2:

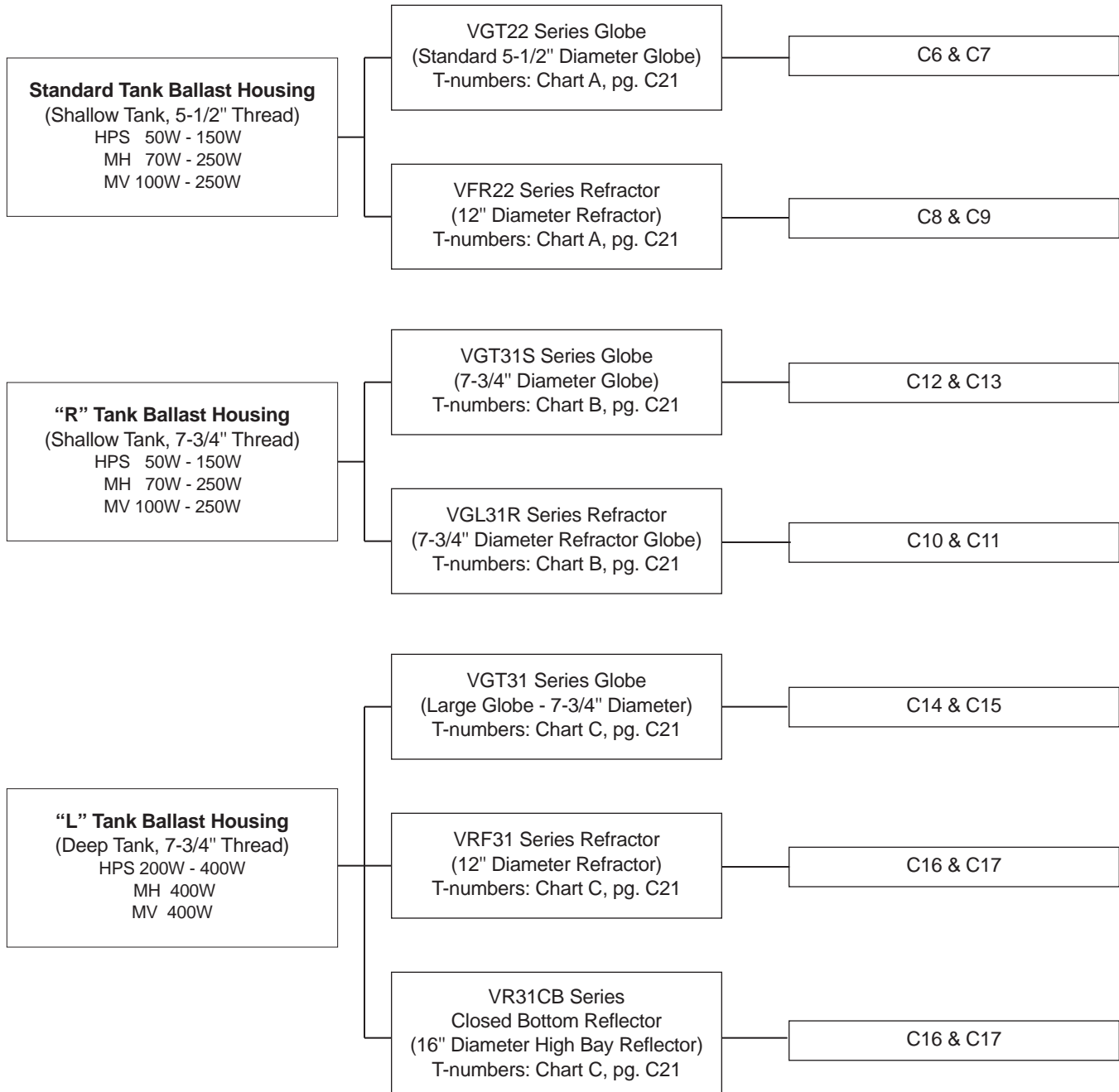
Select Optical Assembly from this column.

Based on:

- Lighting distribution
- T-number requirements

STEP 3:

Select Catalog Number for Complete Fixture Assembly from pages shown in this column.

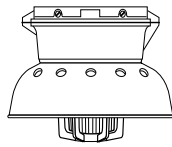


Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

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Standard
Ballast
Housing
With Globe and Guard

Hazlux® 3



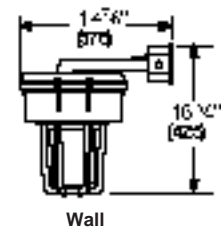
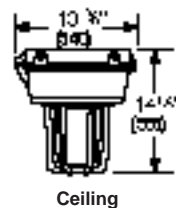
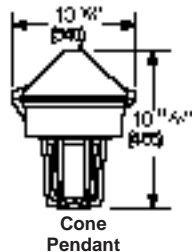
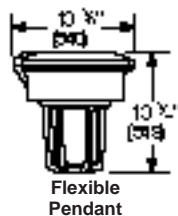
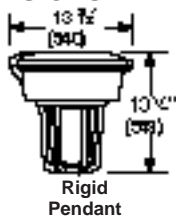
50 - 250 Watts



- UL 844
- Class I, Div. 2, Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Flex. Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	50	3/4"	DS005H120-GGL-P2	DS005H120-GGL-F2	DS005H120-GGL-A2	DS005H120-GGL-C2	DS005H120-GGL-B2
		1"	DS005H120-GGL-P3	DS005H120-GGL-F3	DS005H120-GGL-A3	DS005H120-GGL-C3	DS005H120-GGL-B3
	70	3/4"	DS007H040-TGL-P2	DS007H040-TGL-F2	DS007H040-TGL-A2	DS007H040-TGL-C2	DS007H040-TGL-B2
		1"	DS007H040-TGL-P3	DS007H040-TGL-F3	DS007H040-TGL-A3	DS007H040-TGL-C3	DS007H040-TGL-B3
	100	3/4"	DS010H040-TGL-P2	DS010H040-TGL-F2	DS010H040-TGL-A2	DS010H040-TGL-C2	DS010H040-TGL-B2
		1"	DS010H040-TGL-P3	DS010H040-TGL-F3	DS010H040-TGL-A3	DS010H040-TGL-C3	DS010H040-TGL-B3
	150	3/4"	DS015H040-TGL-P2	DS015H040-TGL-F2	DS015H040-TGL-A2	DS015H040-TGL-C2	DS015H040-TGL-B2
		1"	DS015H040-TGL-P3	DS015H040-TGL-F3	DS015H040-TGL-A3	DS015H040-TGL-C3	DS015H040-TGL-B3
Metal Halide	70	3/4"	DH007H030-TGL-P2	DH007H030-TGL-F2	DH007H030-TGL-A2	DH007H030-TGL-C2	DH007H030-TGL-B2
		1"	DH007H030-TGL-P3	DH007H030-TGL-F3	DH007H030-TGL-A3	DH007H030-TGL-C3	DH007H030-TGL-B3
	100	3/4"	DH010H040-TGL-P2	DH010H040-TGL-F2	DH010H040-TGL-A2	DH010H040-TGL-C2	DH010H040-TGL-B2
		1"	DH010H040-TGL-P3	DH010H040-TGL-F3	DH010H040-TGL-A3	DH010H040-TGL-C3	DH010H040-TGL-B3
	175	3/4"	DH017C040-TGL-P2	DH017C040-TGL-F2	DH017C040-TGL-A2	DH017C040-TGL-C2	DH017C040-TGL-B2
		1"	DH017C040-TGL-P3	DH017C040-TGL-F3	DH017C040-TGL-A3	DH017C040-TGL-C3	DH017C040-TGL-B3
	250	3/4"	DH025C040-TGL-P2	DH025C040-TGL-F2	DH025C040-TGL-A2	DH025C040-TGL-C2	DH025C040-TGL-B2
		1"	DH025C040-TGL-P3	DH025C040-TGL-F3	DH025C040-TGL-A3	DH025C040-TGL-C3	DH025C040-TGL-B3
Mercury Vapor	100	3/4"	DM010H040-TGL-P2	DM010H040-TGL-F2	DM010H040-TGL-A2	DM010H040-TGL-C2	DM010H040-TGL-B2
		1"	DM010H040-TGL-P3	DM010H040-TGL-F3	DM010H040-TGL-A3	DM010H040-TGL-C3	DM010H040-TGL-B3
	175	3/4"	DM017C040-TGL-P2	DM017C040-TGL-F2	DM017C040-TGL-A2	DM017C040-TGL-C2	DM017C040-TGL-B2
		1"	DM017C040-TGL-P3	DM017C040-TGL-F3	DM017C040-TGL-A3	DM017C040-TGL-C3	DM017C040-TGL-B3
	250	3/4"	DM025C040-TGL-P2	DM025C040-TGL-F2	DM025C040-TGL-A2	DM025C040-TGL-C2	DM025C040-TGL-B2
		1"	DM025C040-TGL-P3	DM025C040-TGL-F3	DM025C040-TGL-A3	DM025C040-TGL-C3	DM025C040-TGL-B3

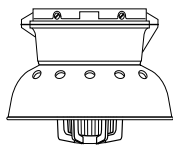

Dimensions:



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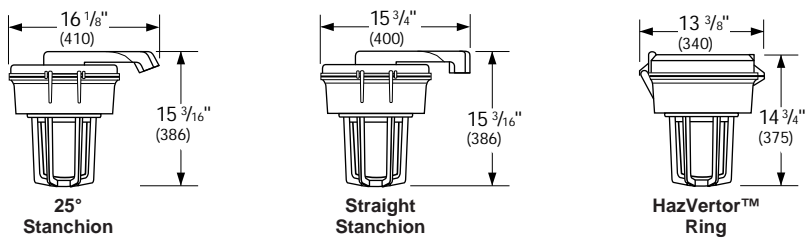
<p>Standard Ballast Housing With Globe and Guard</p>	<p>Hazlux® 3</p>  <p>50 - 250 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Division 2, Groups A, B, C, D • Class II, Division 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	25° Stanchion Catalog Number	Straight Stanchion Catalog Number	HazVertor™ Ring Catalog Number
High Pressure Sodium	50	1-1/4"	DS005H120-GGL-S4	DS005H120-GGL-L4	DS005H120-GGL-HV1
		1-1/2"	DS005H120-GGL-S5	DS005H120-GGL-L5	
	70	1-1/4"	DS007H040-TGL-S4	DS007H040-TGL-L4	DS007H040-TGL-HV1
		1-1/2"	DS007H040-TGL-S5	DS007H040-TGL-L5	
100	1-1/4"	DS010H040-TGL-S4	DS010H040-TGL-L4	DS010H040-TGL-HV1	
	1-1/2"	DS010H040-TGL-S5	DS010H040-TGL-L5		
150	1-1/4"	DS015H040-TGL-S4	DS015H040-TGL-L4	DS015H040-TGL-HV1	
	1-1/2"	DS015H040-TGL-S5	DS015H040-TGL-L5		
Metal Halide	70	1-1/4"	DH007H030-TGL-S4	DH007H030-TGL-L4	DH007H030-TGL-HV1
		1-1/2"	DH007H030-TGL-S5	DH007H030-TGL-L5	
	100	1-1/4"	DH010H040-TGL-S4	DH010H040-TGL-L4	DH010H040-TGL-HV1
		1-1/2"	DH010H040-TGL-S5	DH010H040-TGL-L5	
175	1-1/4"	DH017C040-TGL-S4	DH017C040-TGL-L4	DH017C040-TGL-HV1	
	1-1/2"	DH017C040-TGL-S5	DH017C040-TGL-L5		
250	1-1/4"	DH025C040-TGL-S4	DH025C040-TGL-L4	DH025C040-TGL-HV1	
	1-1/2"	DH025C040-TGL-S5	DH025C040-TGL-L5		
Mercury Vapor	100	1-1/4"	DM010H040-TGL-S4	DM010H040-TGL-L4	DM010H040-TGL-HV1
		1-1/2"	DM010H040-TGL-S5	DM010H040-TGL-L5	
	175	1-1/4"	DM017C040-TGL-S4	DM017C040-TGL-L4	DM017C040-TGL-HV1
1-1/2"		DM017C040-TGL-S5	DM017C040-TGL-L5		
250	1-1/4"	DM025C040-TGL-S4	DM025C040-TGL-L4	DM025C040-TGL-HV1	
	1-1/2"	DM025C040-TGL-S5	DM025C040-TGL-L5		

- Ordering Notes:**
1. All fixtures (except 50W HPS and 70W MH) are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 100W HPS, 480V, substitute "H48" for "H04" - DS010H480-TGL-P2.
 2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
 3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH017C040-TGL-S5E. See page C3 for details.
 4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
 5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
 6. Fixtures are shown with guard. To order fixture without guard, change "TGL" to "TG." Example: DH017C040-TG-C2.
 7. Refer to page C2 for Hazlux 3 Options, and page C18-C20 for Hazlux 3 Accessories and Parts.

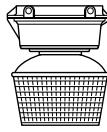
Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Dimensions:



Standard
Ballast
Housing
With 12" Refractor and
Guard

Hazlux® 3



50 - 250 Watts

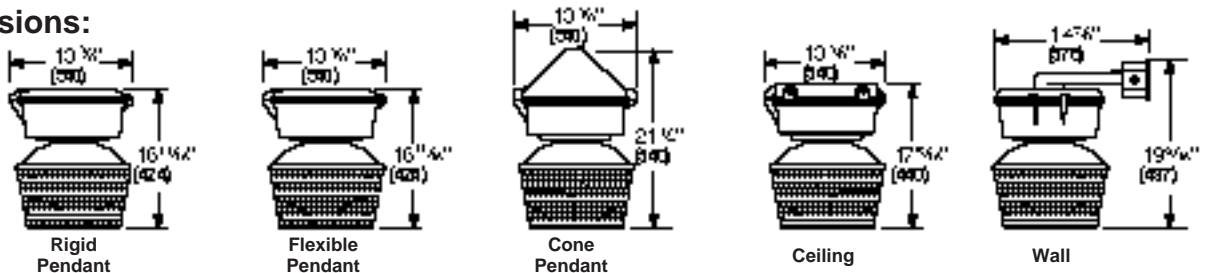


- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Flex. Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	50	3/4"	DS005H120-R5G-P2	DS005H120-R5G-F2	DS005H120-R5G-A2	DS005H120-R5G-C2	DS005H120-R5G-B2
		1"	DS005H120-R5G-P3	DS005H120-R5G-F3	DS005H120-R5G-A3	DS005H120-R5G-C3	DS005H120-R5G-B3
	70	3/4"	DS007H040-R5G-P2	DS007H040-R5G-F2	DS007H040-R5G-A2	DS007H040-R5G-C2	DS007H040-R5G-B2
		1"	DS007H040-R5G-P3	DS007H040-R5G-F3	DS007H040-R5G-A3	DS007H040-R5G-C3	DS007H040-R5G-B3
100	3/4"	DS010H040-R5G-P2	DS010H040-R5G-F2	DS010H040-R5G-A2	DS010H040-R5G-C2	DS010H040-R5G-B2	
	1"	DS010H040-R5G-P3	DS010H040-R5G-F3	DS010H040-R5G-A3	DS010H040-R5G-C3	DS010H040-R5G-B3	
150	3/4"	DS015H040-R5G-P2	DS015H040-R5G-F2	DS015H040-R5G-A2	DS015H040-R5G-C2	DS015H040-R5G-B2	
	1"	DS015H040-R5G-P3	DS015H040-R5G-F3	DS015H040-R5G-A3	DS015H040-R5G-C3	DS015H040-R5G-B3	
Metal Halide	70	3/4"	DH007H030-R5G-P2	DH007H030-R5G-F2	DH007H030-R5G-A2	DH007H030-R5G-C2	DH007H030-R5G-B2
		1"	DH007H030-R5G-P3	DH007H030-R5G-F3	DH007H030-R5G-A3	DH007H030-R5G-C3	DH007H030-R5G-B3
	100	3/4"	DH010H040-R5G-P2	DH010H040-R5G-F2	DH010H040-R5G-A2	DH010H040-R5G-C2	DH010H040-R5G-B2
		1"	DH010H040-R5G-P3	DH010H040-R5G-F3	DH010H040-R5G-A3	DH010H040-R5G-C3	DH010H040-R5G-B3
175	3/4"	DH017C040-R5G-P2	DH017C040-R5G-F2	DH017C040-R5G-A2	DH017C040-R5G-C2	DH017C040-R5G-B2	
	1"	DH017C040-R5G-P3	DH017C040-R5G-F3	DH017C040-R5G-A3	DH017C040-R5G-C3	DH017C040-R5G-B3	
250	3/4"	DH025C040-R5G-P2	DH025C040-R5G-F2	DH025C040-R5G-A2	DH025C040-R5G-C2	DH025C040-R5G-B2	
	1"	DH025C040-R5G-P3	DH025C040-R5G-F3	DH025C040-R5G-A3	DH025C040-R5G-C3	DH025C040-R5G-B3	
Mercury Vapor	100	3/4"	DM010H040-R5G-P2	DM010H040-R5G-F2	DM010H040-R5G-A2	DM010H040-R5G-C2	DM010H040-R5G-B2
		1"	DM010H040-R5G-P3	DM010H040-R5G-F3	DM010H040-R5G-A3	DM010H040-R5G-C3	DM010H040-R5G-B3
	175	3/4"	DM017C040-R5G-P2	DM017C040-R5G-F2	DM017C040-R5G-A2	DM017C040-R5G-C2	DM017C040-R5G-B2
1"		DM017C040-R5G-P3	DM017C040-R5G-F3	DM017C040-R5G-A3	DM017C040-R5G-C3	DM017C040-R5G-B3	
250	3/4"	DM025C040-R5G-P2	DM025C040-R5G-F2	DM025C040-R5G-A2	DM025C040-R5G-C2	DM025C040-R5G-B2	
	1"	DM025C040-R5G-P3	DM025C040-R5G-F3	DM025C040-R5G-A3	DM025C040-R5G-C3	DM025C040-R5G-B3	

Fixtures for Class I,
Division 2;
Class II; Wet & Marine

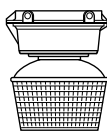

Dimensions:


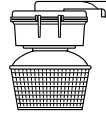



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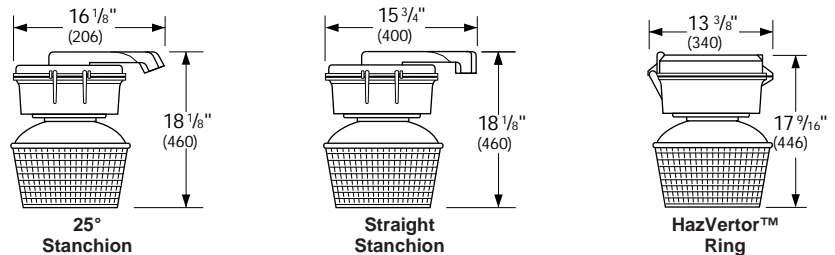
<p>Standard Ballast Housing With 12" Refractor and Guard</p>	<p>Hazlux® 3</p>  <p>50 - 250 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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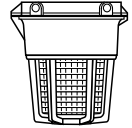

	Lamp Watts	Hub Size	25° Stanchion Catalog Number 	Straight Stanchion Catalog Number 	HazVertor™ Ring Catalog Number 
High Pressure Sodium	50	1-1/4"	DS005H120-R5G-S4	DS005H120-R5G-L4	DS005H120-R5G-HV1
		1-1/2"	DS005H120-R5G-S5	DS005H120-R5G-L5	
	70	1-1/4"	DS007H040-R5G-S4	DS007H040-R5G-L4	DS007H040-R5G-HV1
		1-1/2"	DS007H040-R5G-S5	DS007H040-R5G-L5	
100	1-1/4"	DS010H040-R5G-S4	DS010H040-R5G-L4	DS010H040-R5G-HV1	
	1-1/2"	DS010H040-R5G-S5	DS010H040-R5G-L5		
150	1-1/4"	DS015H040-R5G-S4	DS015H040-R5G-L4	DS015H040-R5G-HV1	
	1-1/2"	DS015H040-R5G-S5	DS015H040-R5G-L5		
Metal Halide	70	1-1/4"	DH007H030-R5G-S4	DH007H030-R5G-L4	DH007H030-R5G-HV1
		1-1/2"	DH007H030-R5G-S5	DH007H030-R5G-L5	
	100	1-1/4"	DH010H040-R5G-S4	DH010H040-R5G-L4	DH010H040-R5G-HV1
		1-1/2"	DH010H040-R5G-S5	DH010H040-R5G-L5	
175	1-1/4"	DH017C040-R5G-S4	DH017C040-R5G-L4	DH017C040-R5G-HV1	
	1-1/2"	DH017C040-R5G-S5	DH017C040-R5G-L5		
250	1-1/4"	DH025C040-R5G-S4	DH025C040-R5G-L4	DH025C040-R5G-HV1	
	1-1/2"	DH025C040-R5G-S5	DH025C040-R5G-L5		
Mercury Vapor	100	1-1/4"	DM010H040-R5G-S4	DM010H040-R5G-L4	DM010H040-R5G-HV1
		1-1/2"	DM010H040-R5G-S5	DM010H040-R5G-L5	
	175	1-1/4"	DM017C040-R5G-S4	DM017C040-R5G-L4	DM017C040-R5G-HV1
1-1/2"		DM017C040-R5G-S5	DM017C040-R5G-L5		
250	1-1/4"	DM025C040-R5G-S4	DM025C040-R5G-L4	DM025C040-R5G-HV1	
	1-1/2"	DM025C040-R5G-S5	DM025C040-R5G-L5		

- Ordering Notes:**
1. All fixtures (except 50W HPS and 70W MH) are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 100W HPS, 480V, substitute "H48" for "H04" - DS010H480-R5G-P2.
 2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
 3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH017C040-R5G-S5E. See page C3 for details.
 4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
 5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
 6. Fixtures are shown with IES Type V refractor for symmetrical light distribution. To order with IES Type II refractor, substitute "R2G" for "R5G" in catalog number. Example: DS015H040-R2G-L5.
 7. Fixtures are shown with guard. To order fixture without guard, change "R5G" to "R5." Example: DH017C040-R5-C2.
 8. Refer to page C2 for Hazlux 3 Options, and page C18-C20 for Hazlux 3 Accessories and Parts.

Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Dimensions:

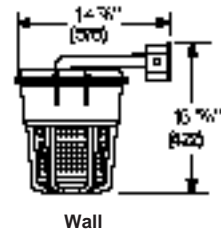
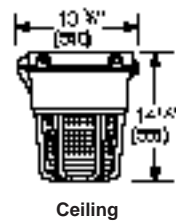
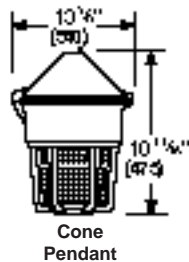
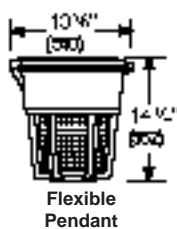
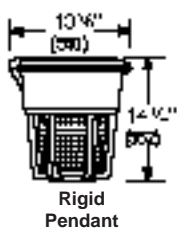


<p>R-Tank Ballast Housing With 7-3/4" Refractor and Guard</p>	<p>Hazlux® 3</p>  <p>50 - 250 Watts</p>		<ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Flex. Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	50	3/4"	DS005H12R-R5P-P2	DS005H12R-R5P-F2	DS005H12R-R5P-A2	DS005H12R-R5P-C2	DS005H12R-R5P-B2
		1"	DS005H12R-R5P-P3	DS005H12R-R5P-F3	DS005H12R-R5P-A3	DS005H12R-R5P-C3	DS005H12R-R5P-B3
	70	3/4"	DS007H04R-R5P-P2	DS007H04R-R5P-F2	DS007H04R-R5P-A2	DS007H04R-R5P-C2	DS007H04R-R5P-B2
		1"	DS007H04R-R5P-P3	DS007H04R-R5P-F3	DS007H04R-R5P-A3	DS007H04R-R5P-C3	DS007H04R-R5P-B3
Metal Halide	70	3/4"	DH007H03R-R5P-P2	DH007H03R-R5P-F2	DH007H03R-R5P-A2	DH007H03R-R5P-C2	DH007H03R-R5P-B2
		1"	DH007H03R-R5P-P3	DH007H03R-R5P-F3	DH007H03R-R5P-A3	DH007H03R-R5P-C3	DH007H03R-R5P-B3
	100	3/4"	DH010H04R-R5P-P2	DH010H04R-R5P-F2	DH010H04R-R5P-A2	DH010H04R-R5P-C2	DH010H04R-R5P-B2
		1"	DH010H04R-R5P-P3	DH010H04R-R5P-F3	DH010H04R-R5P-A3	DH010H04R-R5P-C3	DH010H04R-R5P-B3
Mercury Vapor	100	3/4"	DM010H04R-R5P-P2	DM010H04R-R5P-F2	DM010H04R-R5P-A2	DM010H04R-R5P-C2	DM010H04R-R5P-B2
		1"	DM010H04R-R5P-P3	DM010H04R-R5P-F3	DM010H04R-R5P-A3	DM010H04R-R5P-C3	DM010H04R-R5P-B3
	175	3/4"	DM017C04R-R5P-P2	DM017C04R-R5P-F2	DM017C04R-R5P-A2	DM017C04R-R5P-C2	DM017C04R-R5P-B2
		1"	DM017C04R-R5P-P3	DM017C04R-R5P-F3	DM017C04R-R5P-A3	DM017C04R-R5P-C3	DM017C04R-R5P-B3
250	3/4"	DM025C04R-R5P-P2	DM025C04R-R5P-F2	DM025C04R-R5P-A2	DM025C04R-R5P-C2	DM025C04R-R5P-B2	
	1"	DM025C04R-R5P-P3	DM025C04R-R5P-F3	DM025C04R-R5P-A3	DM025C04R-R5P-C3	DM025C04R-R5P-B3	

Fixtures for Class I, Division 2; Class II; Wet & Marine



Dimensions:



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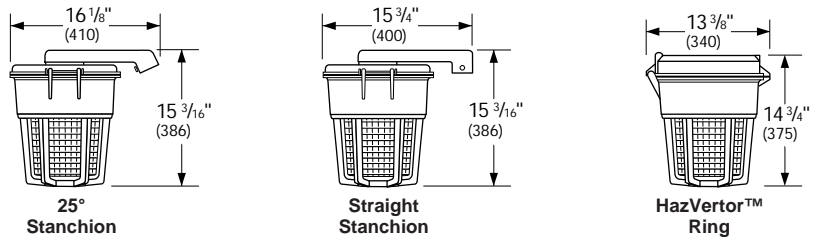
<p>R-Tank Ballast Housing With 7-3/4" Refractor and Guard</p>	<p>Hazlux® 3</p>  <p>50 - 250 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	25° Stanchion Catalog Number	Straight Stanchion Catalog Number	HazVertor™ Ring Catalog Number
High Pressure Sodium	50	1-1/4"	DS005H12R-R5P-S4	DS005H12R-R5P-L4	DS005H12R-R5P-HV1
		1-1/2"	DS005H12R-R5P-S5	DS005H12R-R5P-L5	
	70	1-1/4"	DS007H04R-R5P-S4	DS007H04R-R5P-L4	DS007H04R-R5P-HV1
		1-1/2"	DS007H04R-R5P-S5	DS007H04R-R5P-L5	
100	1-1/4"	DS010H04R-R5P-S4	DS010H04R-R5P-L4	DS010H04R-R5P-HV1	
	1-1/2"	DS010H04R-R5P-S5	DS010H04R-R5P-L5		
150	1-1/4"	DS015H04R-R5P-S4	DS015H04R-R5P-L4	DS015H04R-R5P-HV1	
	1-1/2"	DS015H04R-R5P-S5	DS015H04R-R5P-L5		
Metal Halide	70	1-1/4"	DH007H03R-R5P-S4	DH007H03R-R5P-L4	DH007H03R-R5P-HV1
		1-1/2"	DH007H03R-R5P-S5	DH007H03R-R5P-L5	
	100	1-1/4"	DH010H04R-R5P-S4	DH010H04R-R5P-L4	DH010H04R-R5P-HV1
		1-1/2"	DH010H04R-R5P-S5	DH010H04R-R5P-L5	
175	1-1/4"	DH017C04R-R5P-S4	DH017C04R-R5P-L4	DH017C04R-R5P-HV1	
	1-1/2"	DH017C04R-R5P-S5	DH017C04R-R5P-L5		
250	1-1/4"	DH025C04R-R5P-S4	DH025C04R-R5P-L4	DH025C04R-R5P-HV1	
	1-1/2"	DH025C04R-R5P-S5	DH025C04R-R5P-L5		
Mercury Vapor	100	1-1/4"	DM010H04R-R5P-S4	DM010H04R-R5P-L4	DM010H04R-R5P-HV1
		1-1/2"	DM010H04R-R5P-S5	DM010H04R-R5P-L5	
	175	1-1/4"	DM017C04R-R5P-S4	DM017C04R-R5P-L4	DM017C04R-R5P-HV1
1-1/2"		DM017C04R-R5P-S5	DM017C04R-R5P-L5		
250	1-1/4"	DM025C04R-R5P-S4	DM025C04R-R5P-L4	DM025C04R-R5P-HV1	
	1-1/2"	DM025C04R-R5P-S5	DM025C04R-R5P-L5		

- Ordering Notes:**
1. All fixtures (except 50W HPS and 70W MH) are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 100W HPS, 480V, substitute "H48" for "H04" - DS010H48R-R5P-P2.
 2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
 3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH017C04R-R5P-S5E. See page C3 for details.
 4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
 5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
 6. Fixtures are shown with IES Type V refractor for symmetrical light distribution. To order with IES Type I or Type III refractor, substitute "R1P" or "R3P" for "R5P" in catalog number. Example: DS015H04R-R1P-L5.
 7. Fixtures are shown with guard. To order fixture without guard, change "R5P" to "R5." Example: DH017C04R-R5-C2.
 8. Refer to page C2 for Hazlux 3 Options, and page C18-C20 for Hazlux 3 Accessories and Parts.

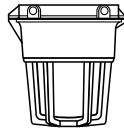
Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Dimensions:



R-Tank
Ballast
Housing
With 7-3/4" Globe and
Guard

Hazlux® 3



50 - 250 Watts

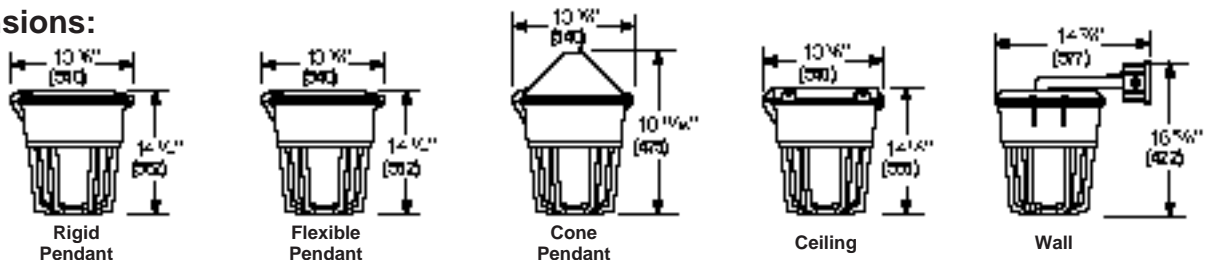


- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Flex. Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	50	3/4" 1"	DS005H12R-TGP-P2	DS005H12R-TGP-F2	DS005H12R-TGP-A2	DS005H12R-TGP-C2	DS005H12R-TGP-B2
			DS005H12R-TGP-P3	DS005H12R-TGP-F3	DS005H12R-TGP-A3	DS005H12R-TGP-C3	DS005H12R-TGP-B3
	70	3/4" 1"	DS007H04R-TGP-P2	DS007H04R-TGP-F2	DS007H04R-TGP-A2	DS007H04R-TGP-C2	DS007H04R-TGP-B2
			DS007H04R-TGP-P3	DS007H04R-TGP-F3	DS007H04R-TGP-A3	DS007H04R-TGP-C3	DS007H04R-TGP-B3
100	3/4" 1"	DS010H04R-TGP-P2	DS010H04R-TGP-F2	DS010H04R-TGP-A2	DS010H04R-TGP-C2	DS010H04R-TGP-B2	
		DS010H04R-TGP-P3	DS010H04R-TGP-F3	DS010H04R-TGP-A3	DS010H04R-TGP-C3	DS010H04R-TGP-B3	
150	3/4" 1"	DS015H04R-TGP-P2	DS015H04R-TGP-F2	DS015H04R-TGP-A2	DS015H04R-TGP-C2	DS015H04R-TGP-B2	
		DS015H04R-TGP-P3	DS015H04R-TGP-F3	DS015H04R-TGP-A3	DS015H04R-TGP-C3	DS015H04R-TGP-B3	
Metal Halide	70	3/4" 1"	DH007H03R-TGP-P2	DH007H03R-TGP-F2	DH007H03R-TGP-A2	DH007H03R-TGP-C2	DH007H03R-TGP-B2
			DH007H03R-TGP-P3	DH007H03R-TGP-F3	DH007H03R-TGP-A3	DH007H03R-TGP-C3	DH007H03R-TGP-B3
	100	3/4" 1"	DH010H04R-TGP-P2	DH010H04R-TGP-F2	DH010H04R-TGP-A2	DH010H04R-TGP-C2	DH010H04R-TGP-B2
			DH010H04R-TGP-P3	DH010H04R-TGP-F3	DH010H04R-TGP-A3	DH010H04R-TGP-C3	DH010H04R-TGP-B3
175	3/4" 1"	DH017C04R-TGP-P2	DH017C04R-TGP-F2	DH017C04R-TGP-A2	DH017C04R-TGP-C2	DH017C04R-TGP-B2	
		DH017C04R-TGP-P3	DH017C04R-TGP-F3	DH017C04R-TGP-A3	DH017C04R-TGP-C3	DH017C04R-TGP-B3	
250	3/4" 1"	DH025C04R-TGP-P2	DH025C04R-TGP-F2	DH025C04R-TGP-A2	DH025C04R-TGP-C2	DH025C04R-TGP-B2	
		DH025C04R-TGP-P3	DH025C04R-TGP-F3	DH025C04R-TGP-A3	DH025C04R-TGP-C3	DH025C04R-TGP-B3	
Mercury Vapor	100	3/4" 1"	DM010H04R-TGP-P2	DM010H04R-TGP-F2	DM010H04R-TGP-A2	DM010H04R-TGP-C2	DM010H04R-TGP-B2
			DM010H04R-TGP-P3	DM010H04R-TGP-F3	DM010H04R-TGP-A3	DM010H04R-TGP-C3	DM010H04R-TGP-B3
	175	3/4" 1"	DM017C04R-TGP-P2	DM017C04R-TGP-F2	DM017C04R-TGP-A2	DM017C04R-TGP-C2	DM017C04R-TGP-B2
DM017C04R-TGP-P3			DM017C04R-TGP-F3	DM017C04R-TGP-A3	DM017C04R-TGP-C3	DM017C04R-TGP-B3	
250	3/4" 1"	DM025C04R-TGP-P2	DM025C04R-TGP-F2	DM025C04R-TGP-A2	DM025C04R-TGP-C2	DM025C04R-TGP-B2	
		DM025C04R-TGP-P3	DM025C04R-TGP-F3	DM025C04R-TGP-A3	DM025C04R-TGP-C3	DM025C04R-TGP-B3	

Fixtures for Class I,
Division 2;
Class II; Wet & Marine

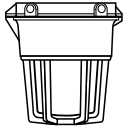

Dimensions:


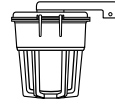



Thomas & Betts

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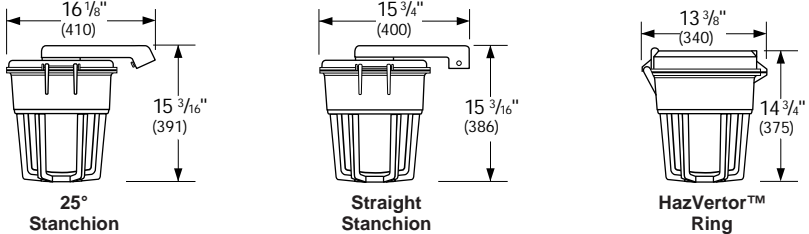
<p>R-Tank Ballast Housing With 7-3/4" Globe and Guard</p>	<p>Hazlux® 3</p>  <p>50 - 250 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	25° Stanchion Catalog Number 	Straight Stanchion Catalog Number 	HazVeror™ Ring Catalog Number 
High Pressure Sodium	50	1-1/4"	DS005H12R-TGP-S4	DS005H12R-TGP-L4	DS005H12R-TGP-HV1
		1-1/2"	DS005H12R-TGP-S5	DS005H12R-TGP-L5	
	70	1-1/4"	DS007H04R-TGP-S4	DS007H04R-TGP-L4	DS007H04R-TGP-HV1
		1-1/2"	DS007H04R-TGP-S5	DS007H04R-TGP-L5	
100	1-1/4"	DS010H04R-TGP-S4	DS010H04R-TGP-L4	DS010H04R-TGP-HV1	
	1-1/2"	DS010H04R-TGP-S5	DS010H04R-TGP-L5		
150	1-1/4"	DS015H04R-TGP-S4	DS015H04R-TGP-L4	DS015H04R-TGP-HV1	
	1-1/2"	DS015H04R-TGP-S5	DS015H04R-TGP-L5		
Metal Halide	70	1-1/4"	DH007H03R-TGP-S4	DH007H03R-TGP-L4	DH007H03R-TGP-HV1
		1-1/2"	DH007H03R-TGP-S5	DH007H03R-TGP-L5	
	100	1-1/4"	DH010H04R-TGP-S4	DH010H04R-TGP-L4	DH010H04R-TGP-HV1
		1-1/2"	DH010H04R-TGP-S5	DH010H04R-TGP-L5	
175	1-1/4"	DH017C04R-TGP-S4	DH017C04R-TGP-L4	DH017C04R-TGP-HV1	
	1-1/2"	DH017C04R-TGP-S5	DH017C04R-TGP-L5		
250	1-1/4"	DH025C04R-TGP-S4	DH025C04R-TGP-L4	DH025C04R-TGP-HV1	
	1-1/2"	DH025C04R-TGP-S5	DH025C04R-TGP-L5		
Mercury Vapor	100	1-1/4"	DM010H04R-TGP-S4	DM010H04R-TGP-L4	DM010H04R-TGP-HV1
		1-1/2"	DM010H04R-TGP-S5	DM010H04R-TGP-L5	
	175	1-1/4"	DM017C04R-TGP-S4	DM017C04R-TGP-L4	DM017C04R-TGP-HV1
1-1/2"		DM017C04R-TGP-S5	DM017C04R-TGP-L5		
250	1-1/4"	DM025C04R-TGP-S4	DM025C04R-TGP-L4	DM025C04R-TGP-HV1	
	1-1/2"	DM025C04R-TGP-S5	DM025C04R-TGP-L5		

- Ordering Notes:**
1. All fixtures (except 50W HPS and 70W MH) are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 100W HPS, 480V, substitute "H48" for "H04" - DS010H48R-TGP-P2.
 2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
 3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH017C04R-TGP-S5E. See page C3 for details.
 4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
 5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
 6. Fixtures are shown with guard. To order fixture without guard, change "TGP" to "TG." Example: DH017C04R-TG-C2.
 7. Refer to page C2 for Hazlux 3 Options, and page C18-C20 for Hazlux 3 Accessories and Parts.

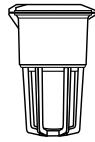
Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Dimensions:



Large
Ballast
Housing
With Globe and Guard

Hazlux® 3



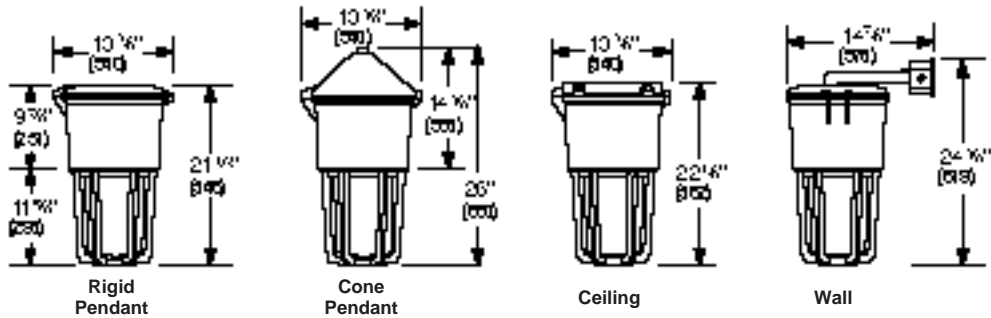
200 - 400 Watts



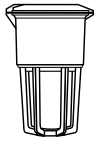

- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

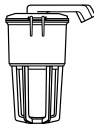
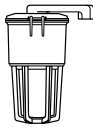
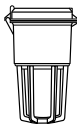
	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	200	3/4" 1"	DS020C04L-TGC-P2 DS020C04L-TGC-P3	DS020C04L-TGC-A2 DS020C04L-TGC-A3	DS020C04L-TGC-C2 DS020C04L-TGC-C3	DS020C04L-TGC-B2 DS020C04L-TGC-B3
	250	3/4" 1"	DS025C04L-TGC-P2 DS025C04L-TGC-P3	DS025C04L-TGC-A2 DS025C04L-TGC-A3	DS025C04L-TGC-C2 DS025C04L-TGC-C3	DS025C04L-TGC-B2 DS025C04L-TGC-B3
	400	3/4" 1"	DS040C04L-TGC-P2 DS040C04L-TGC-P3	DS040C04L-TGC-A2 DS040C04L-TGC-A3	DS040C04L-TGC-C2 DS040C04L-TGC-C3	DS040C04L-TGC-B2 DS040C04L-TGC-B3
Metal Halide	400	3/4" 1"	DH040C04L-TGC-P2 DH040C04L-TGC-P3	DH040C04L-TGC-A2 DH040C04L-TGC-A3	DH040C04L-TGC-C2 DH040C04L-TGC-C3	DH040C04L-TGC-B3 DH040C04L-TGC-B3
Mercury Vapor	400	3/4" 1"	DM040C04L-TGC-P2 DM040C04L-TGC-P3	DM040C04L-TGC-A2 DM040C04L-TGC-A3	DM040C04L-TGC-C2 DM040C04L-TGC-C3	DM040C04L-TGC-B2 DM040C04L-TGC-B3

Dimensions:



Fixtures for Class I,
Division 2:
Class II; Wet & Marine

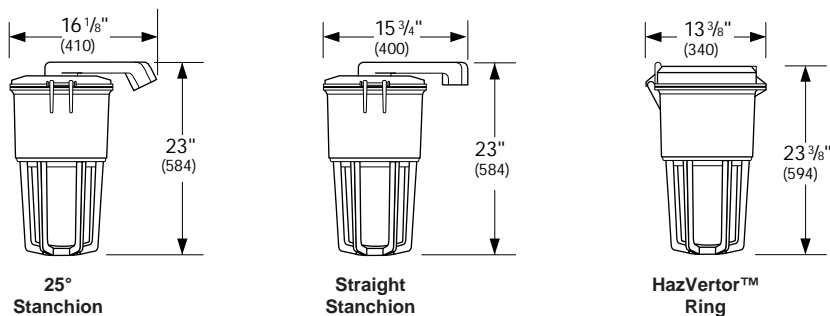
<p>Large Ballast Housing With Globe and Guard</p>	<p><i>Hazlux® 3</i></p>  <p>200 - 400 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	25° Stanchion Catalog Number 	Straight Stanchion Catalog Number 	HazVertor™ Ring Catalog Number 
High Pressure Sodium	200	1-1/4"	DS020C04L-TGC-S4	DS020C04L-TGC-L4	DS020C04L-TGC-HV1
		1-1/2"	DS020C04L-TGC-S5	DS020C04L-TGC-L5	
	250	1-1/4"	DS025C04L-TGC-S4	DS025C04L-TGC-L4	DS025C04L-TGC-HV1
		1-1/2"	DS025C04L-TGC-S5	DS025C04L-TGC-L5	
	400	1-1/4"	DS040C04L-TGC-S4	DS040C04L-TGC-L4	DS040C04L-TGC-HV1
		1-1/2"	DS040C04L-TGC-S5	DS040C04L-TGC-L5	
Metal Halide	400	1-1/4"	DH040C04L-TGC-S4	DH040C04L-TGC-L4	DH040C04L-TGC-HV1
		1-1/2"	DH040C04L-TGC-S5	DH040C04L-TGC-L5	
Mercury Vapor	400	1-1/4"	DM040C04L-TGC-S4	DM040C04L-TGC-L4	DM040C04L-TGC-HV1
		1-1/2"	DM040C04L-TGC-S5	DM040C04L-TGC-L5	

Ordering Notes:

1. All fixtures are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 400W HPS, 480V, substitute "H48" for "H04" - DS040C48L-TGC-P2.
2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH040C04L-TGC-S5E. See page C3 for details.
4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
6. Fixtures are shown with guard. To order fixture without guard, change "TGC" to "TG." Example: DH040C04L-TG-C2.
7. Refer to page C2 for Hazlux 3 Options, and page C18-C20 for Hazlux 3 Accessories and Parts.

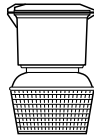
Dimensions:



Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Large Ballast Housing With 12" Refractor or High Bay Reflector

Hazlux® 3



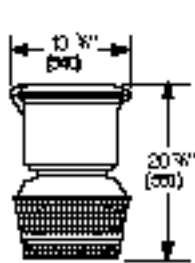
200 - 400 Watts



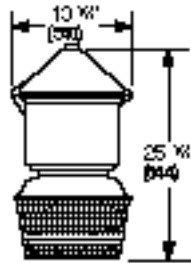
- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

	Lamp Watts	Hub Size	Rigid Pendant Catalog Number	Cone Pendant Catalog Number	Ceiling Catalog Number	Wall Catalog Number
High Pressure Sodium	200	3/4"	DS020C04L-R5G-P2	DS020C04L-R5G-A2	DS020C04L-R5G-C2	DS020C04L-R5G-B2
		1"	DS020C04L-R5G-P3	DS020C04L-R5G-A3	DS020C04L-R5G-C3	DS020C04L-R5G-B3
	250	3/4"	DS025C04L-R5G-P2	DS025C04L-R5G-A2	DS025C04L-R5G-C2	DS025C04L-R5G-B2
1"		DS025C04L-R5G-P3	DS025C04L-R5G-A3	DS025C04L-R5G-C3	DS025C04L-R5G-B3	
400	3/4"	DS040C04L-R5G-P2	DS040C04L-R5G-A2	DS040C04L-R5G-C2	DS040C04L-R5G-B2	
	1"	DS040C04L-R5G-P3	DS040C04L-R5G-A3	DS040C04L-R5G-C3	DS040C04L-R5G-B3	
Metal Halide	400	3/4"	DH040C04L-R5G-P2	DH040C04L-R5G-A2	DH040C04L-R5G-C2	DH040C04L-R5G-B2
		1"	DH040C04L-R5G-P3	DH040C04L-R5G-A3	DH040C04L-R5G-C3	DH040C04L-R5G-B3
Mercury Vapor	400	3/4"	DM040C04L-R5G-P2	DM040C04L-R5G-A2	DM040C04L-R5G-C2	DM040C04L-R5G-B2
		1"	DM040C04L-R5G-P3	DM040C04L-R5G-A3	DM040C04L-R5G-C3	DM040C04L-R5G-B3

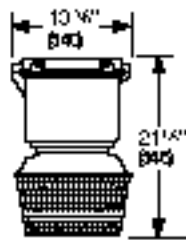
Dimensions:



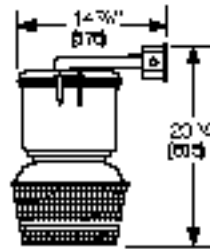
Rigid Pendant



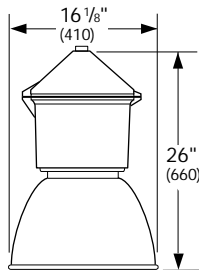
Cone Pendant



Ceiling





Wall



Cone Pendant with enclosed reflector

Fixtures for Class I, Division 2; Class II; Wet & Marine

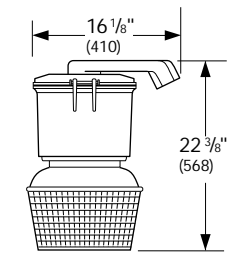
<p>Large Ballast Housing With 12" Refractor or High Bay Reflector</p>	<p>Hazlux® 3</p>  <p>200 - 400 Watts</p>	 <ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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	Lamp Watts	Hub Size	25° Stanchion Catalog Number	Straight Stanchion Catalog Number	HazVertor™ Ring Catalog Number
High Pressure Sodium	200	1-1/4"	DS020C04L-R5G-S4	DS020C04L-R5G-L4	DS020C04L-R5G-HV1
		1-1/2"	DS020C04L-R5G-S5	DS020C04L-R5G-L5	
	250	1-1/4"	DS025C04L-R5G-S4	DS025C04L-R5G-L4	DS025C04L-R5G-HV1
		1-1/2"	DS025C04L-R5G-S5	DS025C04L-R5G-L5	
	400	1-1/4"	DS040C04L-R5G-S4	DS040C04L-R5G-L4	DS040C04L-R5G-HV1
		1-1/2"	DS040C04L-R5G-S5	DS040C04L-R5G-L5	
Metal Halide	400	1-1/4"	DH040C04L-R5G-S4	DH040C04L-R5G-L4	DH040C04L-R5G-HV1
		1-1/2"	DH040C04L-R5G-S5	DH040C04L-R5G-L5	
Mercury Vapor	400	1-1/4"	DM040C04L-R5G-S4	DM040C04L-R5G-L4	DM040C04L-R5G-HV1
		1-1/2"	DM040C04L-R5G-S5	DM040C04L-R5G-L5	

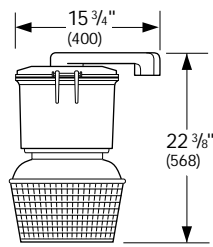
Ordering Notes:

1. All fixtures are shown with multi-tap ballast (120, 208, 240, 277V). To order 480V or any other dedicated voltage, substitute desired voltage code from "Catalog Numbering System" on page C2. Example: For 400W HPS, 480V, substitute "H48" for "H04" - DS040C48L-R5G-P2.
2. All fixtures are for use with mogul base lamps. Lamps are not included unless "UNIPAK® with Lamp" packaging is specified. See Note 3.
3. To order Hazlux 3 fixtures with "UNIPAK® with Lamp" packaging, add "E" to the end of the catalog number. Example: DH040C04L-R5G-S5E. See page C3 for details.
4. Verify hazardous location suitability using Certification Guide on page C21, or contact Hazlux for additional information.
5. Refer to "Note Regarding Glass Globes and Refractors" on page C21 for hose-down information.
6. Fixtures are shown with IES Type V refractor for symmetrical light distribution. To order with IES Type II refractor, substitute "R2G" for "R5G" in catalog number. Example: DS040C04L-R2G-L5.
7. Fixtures are shown with guard. To order fixture without guard, change "R5G" to "R5." Example: DH040C04L-R5-C2.
8. To order fixtures with VR31CB High Bay Reflector with Lens, substitute "RCB" (no guard) or "RCG" (with guard) for "R5G" in catalog number. Example: DS040C04L-RCB-P2.
9. Refer to page C2 for Hazlux 3 Options, and page 18 for Hazlux 3 Accessories and Parts.

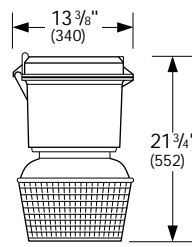
Dimensions:



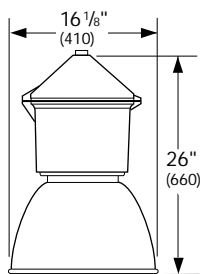
25° Stanchion



Straight Stanchion



HazVertor™ Ring



Cone Pendant with enclosed reflector

Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

Components & Replacement Parts

Hazlux® 3











50 - 400 Watts




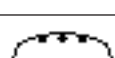





- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Mounting Covers





Mounting Style	Hub Size	Catalog Number	Mounting Style	Hub Size	Catalog Number
	¾" 1"	VP2 VP3		¾" 1"	VB2 VB3
	¾" 1"	VA2 VA3		1¼" 1½"	VS4 VS5
	¾" 1"	VF2 VF3		1¼" 1½"	VL4 VL5
	¾" 1"	VC2 VC3			HV1 [†] HV2 [‡]

[†] Use HV1 HazVektor Ring for Class I, Div. 2 requirements.
[‡] Use HV2 HazVektor Ring for Class II requirements.



Reflectors, Exit Sign

	Catalog Number	Description
	VR22P	Standard Dome Fiberglass Reinforced Polyester For use with Std. Housing
	VR31P	Standard Dome Fiberglass Reinforced Polyester For use with "R" and Lg. Housings
	VRD31	Deep Dome Anodized Aluminum For use with "R" and Lg. Housings
	VR31CB	Enclosed High Bay Anodized Aluminum with Lens For use with "R" and Lg. Housings
	VRA22P	30° Angle Reflector Fiberglass Reinforced Polyester For use with Std. Housing
	VRA31P	30° Angle Reflector Fiberglass Reinforced Polyester For use with "R" and Lg. Housings
	VRE22	Three Sided Exit Sign For use with Std. Housing


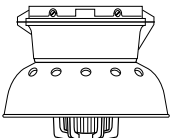

Globes, Refractors

	Catalog Number	Description
	VGT22	5½" dia. Heat Resistant Globe For use with Standard Housing (250W max.)
	VGT31S	7¾" dia. Heat Resistant Globe For use with "R" Housing (250W max.)
	VGT31	7¾" dia. Heat Resistant Globe For use with Large Housing (400W max.)
	VGL31R1	7¾" IES Type I Refractor Globe For use with "R" Housing (250W max.)
	VGL31R3	7¾" IES Type III Refractor Globe For use with "R" Housing (250W max.)
	VGL31R5	7¾" IES Type V Refractor Globe For use with "R" Housing (250W max.)
	VRF22C2	12" dia. IES Type II Refractor 5½" thread, for use with Standard Housing
	VRF22C5	12" dia. IES Type V Refractor 5½" thread, for use with Standard Housing
	VRF31C2	12" dia. IES Type II Refractor 7¾" thread, for use with "R" and Large Housings
	VRF31C5	12" dia. IES Type V Refractor 7¾" thread, for use with "R" and Large Housings


Guards

	Catalog Number	Description
	VGU22P	Polymeric Guard for VGT22 Series Globes
	VGU31RP	Polymeric Guard for VGT31S Globe and VGL31R Series Refractor Globes
	VGU31R	Cast Aluminum Guard for VGT31S Globe and VGL31R Series Refractor Globes
	VGU31	Cast Aluminum Guard for VGT31 Globe
	VGR48	Steel Wire Guard for All VRF Series 12" Refractors
	VGR64	Steel Wire Guard for VR31CB Enclosed High Bay Reflector


Fixtures for Class I,
 Division 2;
 Class II; Wet & Marine

<h1>Ballast Housings</h1>	  50 - 400 Watts		<ul style="list-style-type: none"> • UL 844 • Class I, Division 2, Groups A, B, C, D • Class II, Division 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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STANDARD BALLAST HOUSING — 5-1/2" Thread Size


	WATTAGE	VOLTAGE	WT. EACH (Lbs.)	CATALOG NUMBER	LISTING & NEC REQUIRED MARKING ON FIXTURE			
					Enclosed & Gasketed Suitable for Wet Locations	Class I Division 2 40°C Ambient	Class II E, F & G 40°C Ambient	Marine (UL595) Listed
	50	120/277	15	DS005H03	✓	✓	✓	✓
	70	120	15	DS007H12	✓	✓	✓	✓
		120/208/240/277		DS007H04	✓	✓	✓	✓
		480		DS007H48	✓	✓	✓	✓
100	120	17	DS010H12	✓	✓	✓	✓	
	120/208/240/277		DS010H04	✓	✓	✓	✓	
150†	120	18	DS015H12	✓	✓	‡	✓	
	120/208/240/277		DS015H04	✓	✓	✓	✓	
	480		DS015H48	✓	✓	✓	✓	

REFRACTOR BALLAST HOUSING — 7-3/4" Thread Size

	50	120/277	15	DS005H03R	✓	✓	✓	✓
	70	120	15	DS007H12R	✓	✓	✓	✓
		120/208/240/277		DS007H04R	✓	✓	✓	✓
		480		DS007H48R	✓	✓	✓	✓
100	120	17	DS010H12R	✓	✓	✓	✓	
	120/208/240/277		DS010H04R	✓	✓	✓	✓	
	480		DS010H48R	✓	✓	✓	✓	
150†	120	18	DS015H12R	✓	✓	‡	✓	
	120/208/240/277		DS015H04R	✓	✓	✓	✓	
	480		DS015H48R	✓	✓	✓	✓	


BALLAST HOUSING HIGH PRESSURE SODIUM — High Power Factor (Min. P.F. 90%)

HIGH WATTAGE BALLAST HOUSING — 7-3/4" Thread Size, Deep

	200	120	25	DS020C12	✓	✓	✓	✓
		120/208/240/277		DS020C04	✓	✓	✓	✓
		480		DS020C48	✓	✓	✓	✓
250	120	28	DS025C12	✓	✓	‡	✓	
	120/208/240/277		DS025C04	✓	✓	✓	✓	
	480		DS025C48	✓	✓	✓	✓	
400	120	35	DS040C12	✓	✓	‡	✓	
	120/208/240/277		DS040C04	‡✓	✓	✓	✓	
	480		DS040C48	✓	✓	✓	✓	

BALLAST HOUSING METAL HALIDE — High Power Factor (Min. P. F. 90%)

STANDARD BALLAST HOUSING — 5-1/2" Thread Size

	70	120/208/240/277	15	DH007H04	✓	✓	✓	✓
		120		DH007H12	✓	✓	✓	✓
	100	120/208/240/277	15	DH010H04	✓	✓	✓	✓
		120		DH010H12	✓	✓	✓	✓
175	120/208/240/277	17	DH017C04	✓	✓	✓	✓	
	480		DH017C48	✓	✓	✓	✓	
250	120/208/240/277	20	DH025C04	✓	✓	‡	✓	

See General Information Page 2 for "Note Regarding Glass Globes and Refractors."

† For use with 55V (ANSI S55) lamp only. For use with a 100V (ANSI S56) lamp, substitute the letter "C" for the letters "S" and "H" in the catalog number.

‡ Verify Class II suitability using charts A, B, C on pages 2 and 3.

NOTE: To order with Auxiliary Quartz circuit, change first "0" to "Q" - example, DSQ15H04. For CSA Certification consult factory.

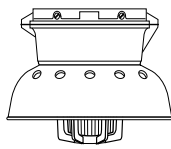

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C19


Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

<h1>Ballast Housings</h1>	 <p>Hazlux® 3</p> <p>50 - 400 Watts</p>	 <ul style="list-style-type: none"> • UL844 • Class I, Division 2, Groups A, B, C, D • Class II, Division 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
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REFRACTOR BALLAST HOUSING — 7-3/4" Thread Size


	WATTAGE	VOLTAGE	WT. EACH (Lbs.)	CATALOG NUMBER	LISTING & NEC REQUIRED MARKING ON FIXTURE			
					Enclosed & Gasketed Suitable for Wet Locations	Class I Division 2 40°C Ambient	Class II E, F & G 40°C Ambient	Marine (UL595) Listed
	70	120/208/240/277 120	15	DH007H04R DH007H12R	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	100	120/208/240/277 120	15	DH010H04R DH010H12R	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	175	120/208/240/277 480	17	DH017C04R DH017C48R	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	250	120/208/240/277 480	20	DH025C04R DH025C48R	✓ ✓	✓ ✓	‡	✓ ✓

HIGH WATTAGE BALLAST HOUSING — 7-3/4" Thread Size, Deep

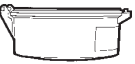
	400	120/208/240/277 480	29	DH040C04 DH040C48	✓ ✓	✓ ✓	‡	✓ ✓
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BALLAST HOUSING MERCURY VAPOR — High Power Factor (Min. P.F. 90%)

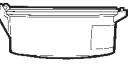
STANDARD BALLAST HOUSING — 5-1/2" Thread Size

	100	120/208/240/277 480	14	DM010C04 DM010C48	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	175	120/208/240/277 480	16	DM017C04 DM017C48	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	250	120/208/240/277 480	17	DM025C04 DM025C48	✓ ✓	✓ ✓	‡	✓ ✓

REFRACTOR BALLAST HOUSING — 7-3/4" Thread Size

	100	120/208/240/277 480	14	DM010C04R DM010C48R	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	175	120/208/240/277 480	16	DM017C04R DM017C48R	✓ ✓	✓ ✓	✓ ✓	✓ ✓
	250	120/208/240/277 480	17	DM025C04R DM025C48R	✓ ✓	✓ ✓	‡	✓ ✓

HIGH WATTAGE BALLAST HOUSING — 7-3/4" Thread Size, Deep

	400	120/208/240/277 480	25	DM040C04 DM040C48	✓ ✓	✓ ✓	‡	✓ ✓
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* See General Information Page 2 for "Note Regarding Glass Globes and Refractors."

‡ Verify Class II suitability using Charts A, B, C on pages 2 and 3.

NOTE: To order with Auxiliary Quartz circuit, change first "O" to "Q" - example, DMQ17C04. For CSA Certification consult factory.

Fixtures for Class I,
 Division 2;
 Class II; Wet & Marine




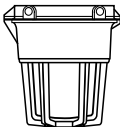
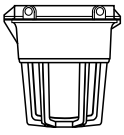
Certification Charts			<ul style="list-style-type: none"> • UL 844 • Class I, Div. 2., Groups A, B, C, D • Class II, Div. 1&2, Groups E, F, G; Class III • Enclosed and Gasketed • UL 1572, Suitable for Wet Locations • UL 595 Marine • NEMA 4X, IP66
			

CHART A: Standard Ballast Housing - 5½" Thread

Lamp Type	Watts	Ambient Temp (Deg. C)	CLASS I, DIVISION 2 GROUPS A, B, C, D TEMPERATURE CODE		CLASS II DIVISION 1 & 2 GROUPS		UL 595 Marine	NEMA 4X	Supply Wire Temp. Rating (Deg. C)
			VGT/VGL22 5-1/2" Globe, Guard & Reflector	VRF22C5 12" Dia. Refractor	VGT/VGT22 5-1/2" Globe, Guard & Reflector	VRF22C5 12" Dia. Refractor			
High Pressure Sodium	50	40	T3C	T4	EFG	EFG	Yes	Yes	85
	70	40	T3A	T3C	EFG	EFG	Yes	Yes	85
	100	40	T2C	T2D	EFG	EFG	Yes	Yes	85
	150	40	T2A	T2B	—	EFG	Yes	Yes	90
Mercury Vapor	100	40	T2B	T2C	EFG	EFG	Yes	Yes	85
	175	40	T2	T2B	—	EFG	Yes	Yes	90
	250	40	350C	325C	—	EFG	—	Yes	110
Metal Halide	70	40	T3C	T3C	EFG	EFG	Yes	Yes	60
	100	40	T3A	T3A	EFG	EFG	Yes	Yes	75
	175	40	T2A	T2C	—	EFG	Yes	Yes	90
	250	40	T2	T2	—	EFG	—	Yes	125

CHARTB: "R-Tank" Ballast Housing - 7¾" Thread

Lamp Type	Watts	Ambient Temp (Deg. C)	CLASS I, DIVISION 2 GROUPS A, B, C, D TEMPERATURE CODE		CLASS II DIVISION 1 & 2 GROUPS		UL 595 Marine	NEMA 4X	Supply Wire Temp. Rating (Deg. C)
			VGT31S 7-3/4" Globe, Guard & Reflector	VGL31R5 7-3/4" Dia. Refractor	VGT31S 7-3/4" Globe, Guard & Reflector	VGL31R5 7-3/4" Dia. Refractor			
High Pressure Sodium	50	40	T3C	T3C	EFG	EFG	Yes	Yes	80
	70	40	T3A	T3A	EFG	EFG	Yes	Yes	85
	100	40	T2D	T3	EFG	EFG	Yes	Yes	85
	150	40	T2B	T2B	EFG	EFG	Yes	Yes	85
Mercury Vapor	100	40	T2B	T2B	EFG	EFG	Yes	Yes	85
	175	40	T2	T2A	EFG	EFG	Yes	Yes	90
	250	40	350C	350C	EF	EF	—	Yes	110
Metal Halide	70	40	T3C	T3C	EFG	EFG	Yes	Yes	75
	100	40	T3A	T3A	EFG	EFG	Yes	Yes	75
	175	40	T2B	T2B	EFG	EFG	Yes	Yes	90
	250	40	T2	T2	EF	EFG	—	Yes	125

Fixtures for Class I, Division 2: Class II: Wet & Marine

CHART C: Large Ballast Housing - 7¾" Thread

Lamp Type	Watts	Ambient Temp (Deg. C)	CLASS I, DIVISION 2 GROUPS A, B, C, D TEMPERATURE CODE			CLASS II DIVISION 1 & 2 GROUPS			UL 595 Marine	NEMA 4X	Supply Wire Temp. Rating (Deg. C)
			VGT31 Globe With Guard & Reflector	VRF31C5 12" Dia. Refractor	VR31CB Reflector w/Lens	VGT31 Globe With Guard & Reflector	VRF31C5 12" Dia. Refractor	VR31CB Reflector w/Lens			
High Pressure Sodium	200	40	T2	T2A	T2A	EFG	EFG	EFG	Yes	Yes	90
	250	40	325C	325C	325C	EFG	EFG	EFG	Yes	Yes	90
	400	40	T2A	T2B	T2B	—	EFG	EFG	—	Yes	110
Mercury Vapor	250	40	350C	325C	350C	EF	EFG	EFG	—	Yes	110
	400	40	350C	325C	350C	EF	EFG	EF	—	Yes	110
Metal Halide	250	40	T2	T2A	T2A	EF	EFG	EFG	—	Yes	110
	400	40	350C	325C	325C	EF	EFG	EF	—	Yes	110

Notes:

1. 400 Watt HPS T-numbers based on BT/E/ED 37 diffuse coated lamp. Contact Hazlux for certification information when using other lamps.
2. Simultaneous Presence Applications: Many Hazlux 3 fixtures are UL listed for simultaneous presence of gas and dust. Contact Hazlux for specific information.
3. Tuffskin® Coated Optics: Many Hazlux 3 fixtures are UL Listed with Tuffskin® (silicone) coating on glass optics. Contact Hazlux for specific information.
4. For UL & CSA Certification information on other ambient temperatures and fixture configurations, consult the factory or refer to the Hazlux Application Guide (Order Number: H7027).
5. All Hazlux fixture assemblies shown in this publication as UL Listed or CSA Certified for Marine applications are suitable for hosedown when fixture is off and glass has been allowed to cool. Tempered glass globes and refractors have better thermal shock resistance properties than non-tempered globes and refractors, and should be considered whenever fixtures are subject to being splashed with significantly cooler liquids while illuminated (hot). Consult factory for more information.

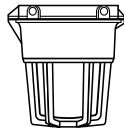
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Photometrics

Hazlux® 3



- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Cat. #DS010H04 w/VGT22, VGU22P
Globe & Guard - 50-150W Clear Lamp -
I.E.S. Type V
Report No. HAZ001

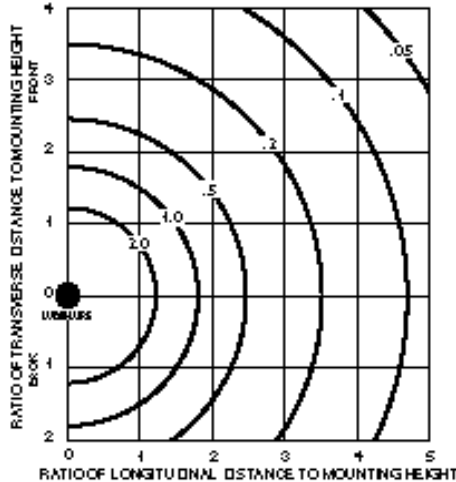


Candlepower table values based on 9500 lumens per lamp. For candlepower of other lamps multiply table values by factor:

$$\text{Factor} = \frac{\text{New Lumens}}{9500}$$

Angle	CP	Angle	CP
0	213	85	1000
5	203	90	995
15	434	95	997
25	497	105	910
35	645	115	805
45	767	125	299
55	861	135	12
65	936	145	5
75	993	180	0

BASED ON 40FOOT MOUNTING HEIGHT

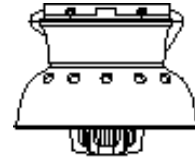


50FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

$$\text{Mounting Height Factor} = \frac{100}{\text{New MH}^2}$$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Cat. #DS010H04 w/VGT22, VGU22P, VR22P
Globe, Guard & Dome Reflector -
50-150W Clear Lamp - I.E.S. Type V
Report No. HAZ023

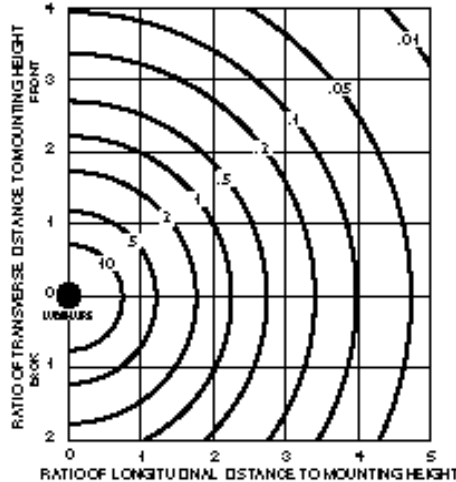


Candlepower table values based on 9500 lumens per lamp. For candlepower of other lamps multiply table values by factor:

$$\text{Factor} = \frac{\text{New Lumens}}{9500}$$

Angle	CP	Angle	CP
0	1350	85	94
5	1330	90	17
15	1560	95	16
25	1610	105	16
35	1730	115	20
45	1610	125	8
55	1540	135	7
65	1450	145	5
75	805	180	0

BASED ON 40FOOT MOUNTING HEIGHT



50FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

$$\text{Mounting Height Factor} = \frac{100}{\text{New MH}^2}$$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Fixtures for Class I,
Division 2:
Class II; Wet & Marine

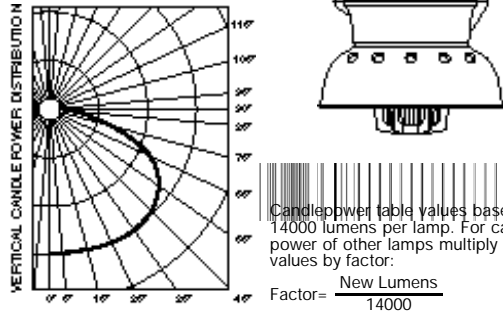
Photometrics

Hazlux® 3

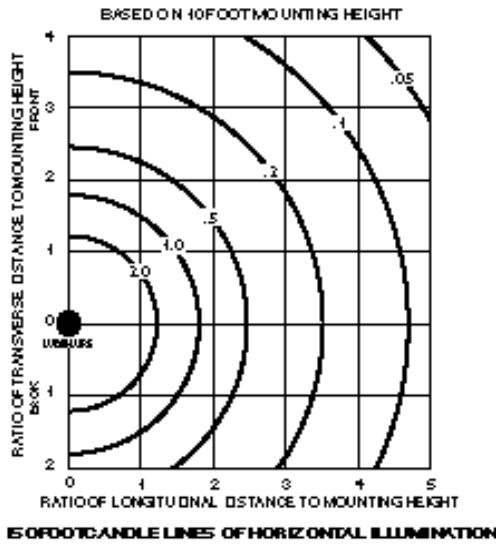


- UL 844
- Class I, Div. 2, Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Cat. #DH017H04 w/ VGT22, VGU22P, VR22P
Globe, Guard & Dome Reflector - 70-250W
Clear Lamp - I.E.S. Type V
Report No. HAZ030

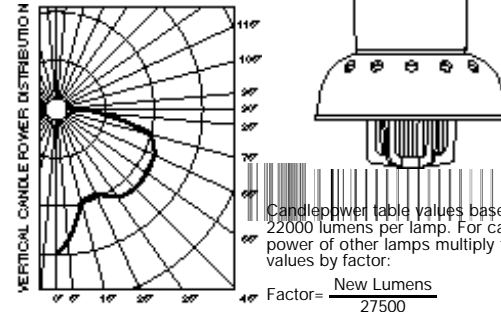


Angle	CP	Angle	CP
0	2298	85	236
5	2266	90	69
15	2276	95	42
25	2303	105	84
35	2289	115	104
45	2211	125	66
55	2034	135	10
65	1650	145	0
75	875	180	0

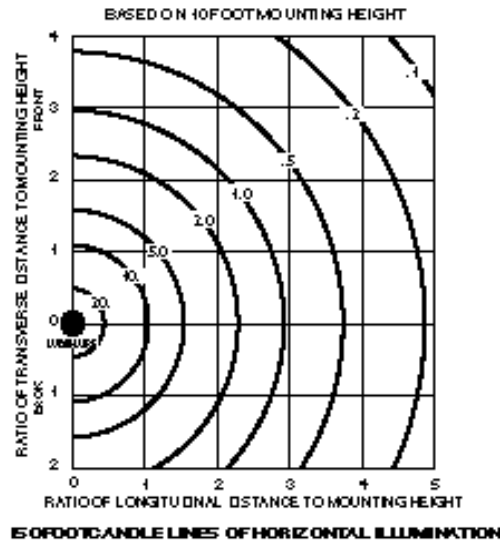


This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Cat. #DS025H04 w/ VGT31, VGU31, VR31P
Globe, Guard & Dome Reflector - 200-400W
Clear Lamp- I.E.S. Type V
Report No. HAZ050



Angle	CP	Angle	CP
0	5720	85	1580
5	5150	90	774
15	3720	95	221
25	3640	105	67
35	4190	115	306
45	4300	125	237
55	4200	135	4
65	4110	145	0
75	3650	180	0



This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Fixtures for Class I,
 Division 2:
 Class II: Wet & Marine

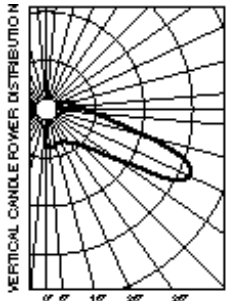
Photometrics

Hazlux® 3



- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Cat. #DS010H04R w/VGL31R5 , VGU31RP
 Refractor Globe - 50-150W Clear Lamp -
 I.E.S. Type V
 Report No. HAZ112

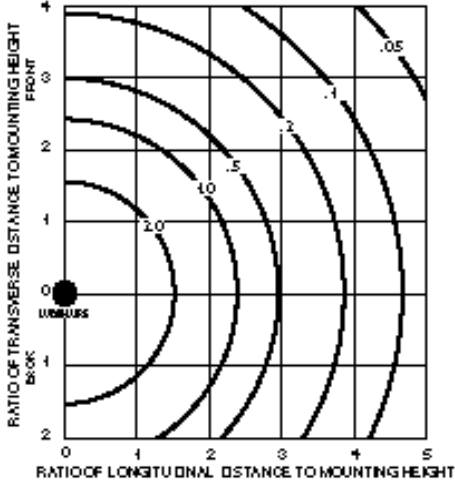


Candlepower table values based on 9500 lumens per lamp. For candlepower of other lamps multiply table values by factor:

Factor = $\frac{\text{New Lumens}}{9500}$

Angle	CP	Angle	CP
0	438	85	555
5	468	90	440
15	467	95	379
25	444	105	267
35	506	115	187
45	689	125	126
55	1102	135	83
65	1865	145	32
75	1300	180	0

BASED ON 10 FOOT MOUNTING HEIGHT



50 FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

Mounting Height Factor = $\frac{100}{\text{New MH}^2}$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Cat. #DS010H04R w/VGL31R1, VGU31RP
 Refractor Globe - 50-150W Clear Lamp -
 I.E.S. Type I, (Long & Narrow)
 Report No. HAZ100

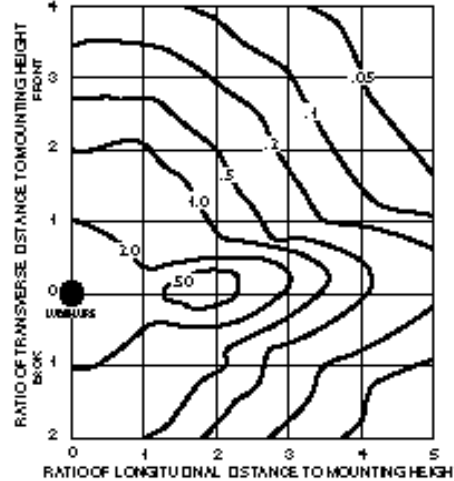


Candlepower table values based on 9500 lumens per lamp. For candlepower of other lamps multiply table values by factor:

Factor = $\frac{\text{New Lumens}}{9500}$

Angle	CP	Angle	CP
0	438	85	555
5	468	90	440
15	467	95	379
25	444	105	267
35	506	115	187
45	689	125	126
55	1102	135	83
65	1865	145	32
75	1300	180	0

BASED ON 10 FOOT MOUNTING HEIGHT



50 FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

Mounting Height Factor = $\frac{100}{\text{New MH}^2}$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Fixtures for Class I,
 Division 2:
 Class II; Wet & Marine



Thomas & Betts

Hazlux® Quotations, Memphis, TN: 800-888-0211

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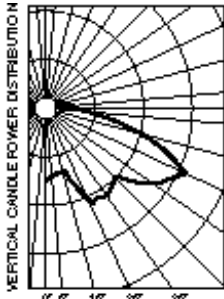
Photometrics

Hazlux® 3



- UL 844
- Class I, Div. 2., Groups A, B, C, D
- Class II, Div. 1&2, Groups E, F, G; Class III
- Enclosed and Gasketed
- UL 1572, Suitable for Wet Locations
- UL 595 Marine
- NEMA 4X, IP66

Cat. #DS010H04 w/VRF22C5, VGR48
Standard Tank, 12" Refractor - 70-250W
Clear Lamp - I.E.S. Type V
Report No. HAZ006

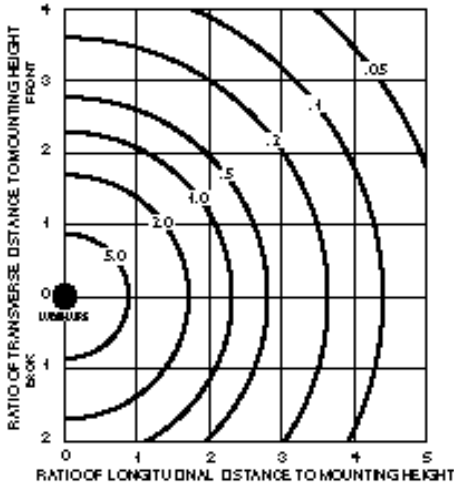


Candlepower table values based on 14000 lumens per lamp. For candlepower of other lamps multiply table values by factor:

$$\text{Factor} = \frac{\text{New Lumens}}{9500}$$

Angle	CP	Angle	CP
0	846	85	437
5	789	90	362
15	750	95	308
25	1190	105	209
35	1210	115	168
45	1110	125	131
55	1510	135	86
65	1720	145	57
75	1080	180	0

BASED ON 10 FOOT MOUNTING HEIGHT

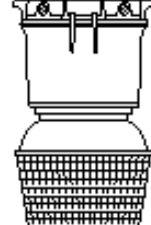
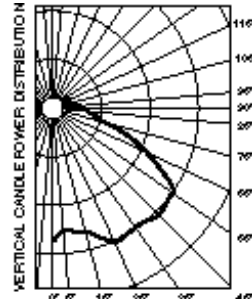


5 FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

$$\text{Mounting Height Factor} = \frac{100}{\text{New MH}^2}$$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

Cat. #DS025H04 w/VRF31C5, VGR48
Large Tank, 12" Refractor - 200-400W
Clear Lamp - I.E.S. Type V
Report No. HAZ053

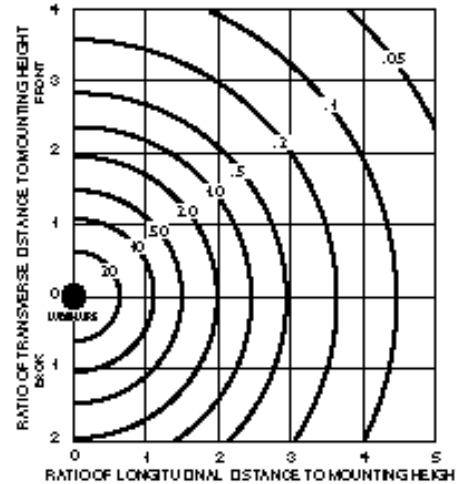


Candlepower table values based on 27500 lumens per lamp. For candlepower of other lamps multiply table values by factor:

$$\text{Factor} = \frac{\text{New Lumens}}{27500}$$

Angle	CP	Angle	CP
0	4040	85	989
5	3690	90	888
15	3870	95	806
25	4440	105	529
35	4340	115	564
45	4450	125	524
55	4300	135	403
65	2930	145	282
75	1450	180	0

BASED ON 10 FOOT MOUNTING HEIGHT



5 FOOT CANDLE LINES OF HORIZONTAL ILLUMINATION

$$\text{Mounting Height Factor} = \frac{100}{\text{New MH}^2}$$

This report is based on published IES Testing Procedures. Significance is limited to the degree that the tested sample is representative and that test conditions are duplicated. Voltage and characteristics of lamps and ballasts can affect field performance.

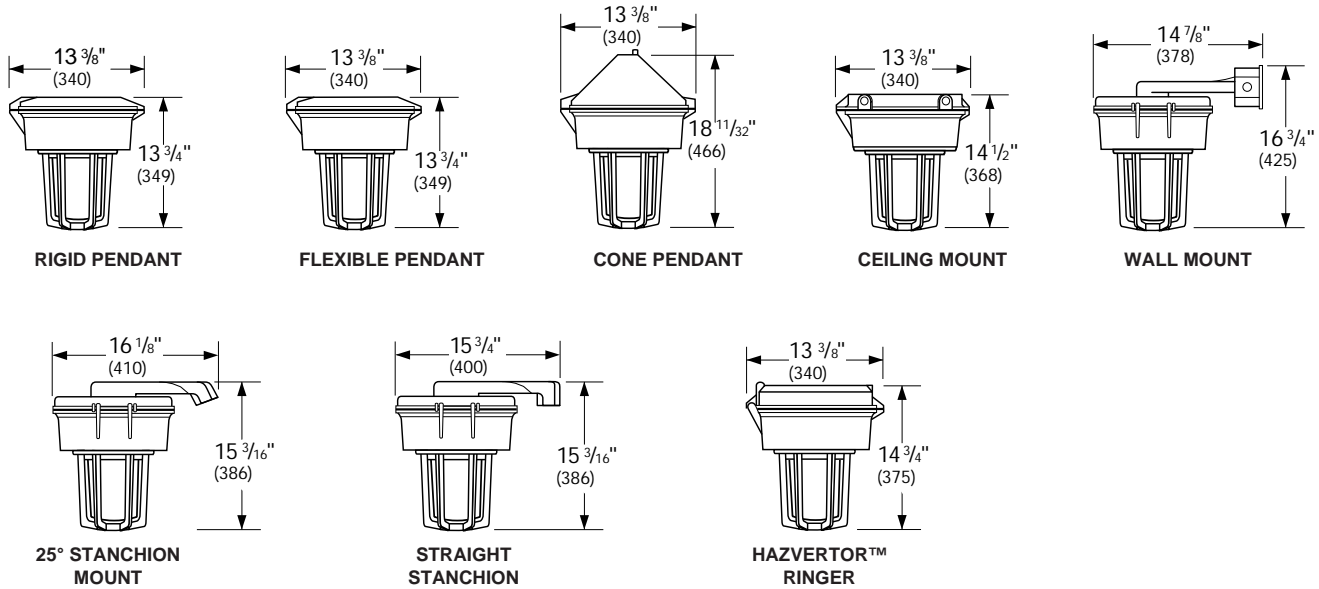
Fixtures for Class I,
Division 2:
Class II: Wet & Marine

Hazlux® 3

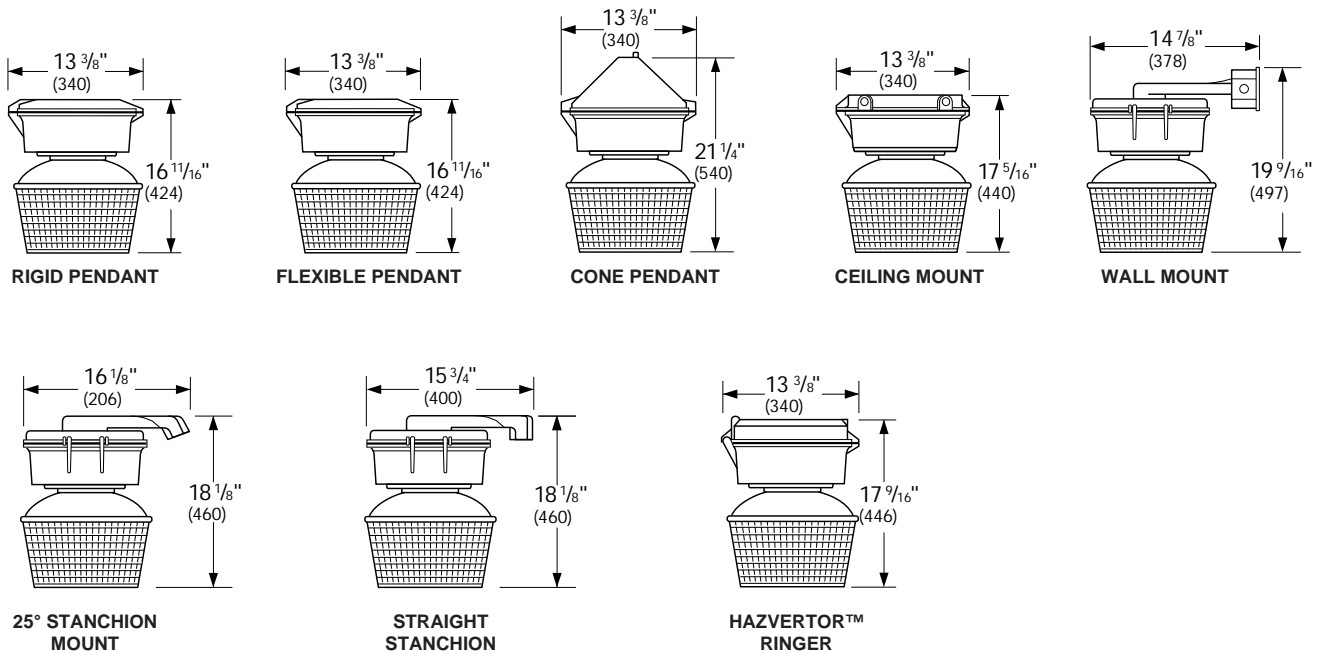
Standard Tank Assemblies

Dimensional Drawings

STANDARD BALLAST HOUSING WITH GLOBE AND GUARD

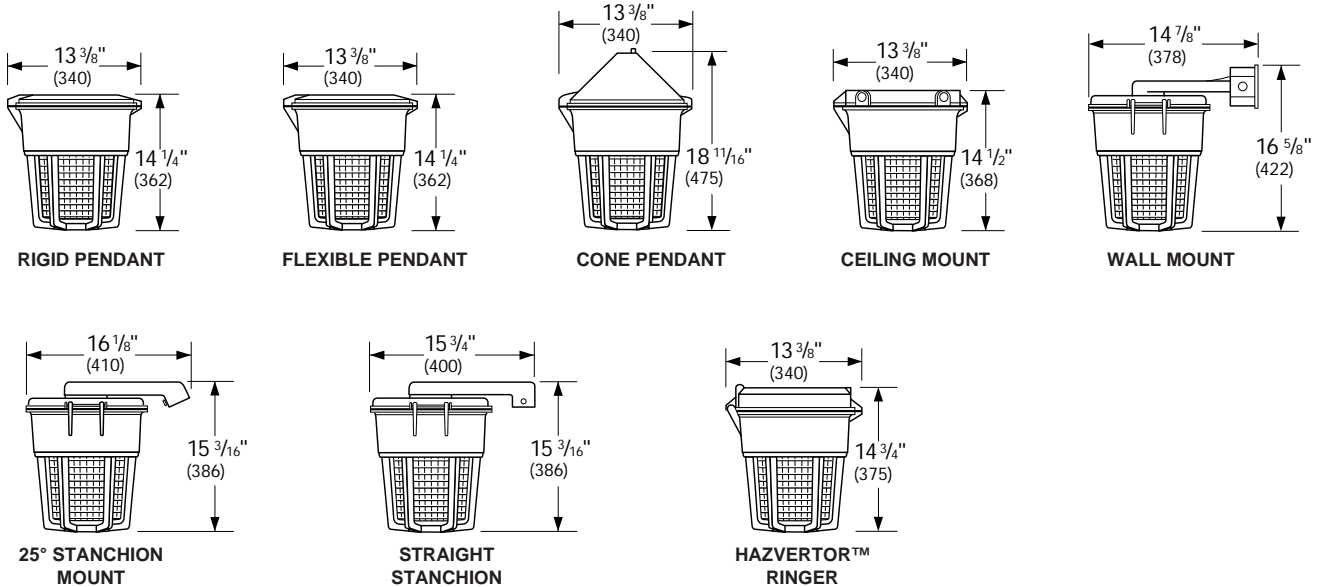


STANDARD BALLAST HOUSING WITH 12" REFRACTOR AND GUARD

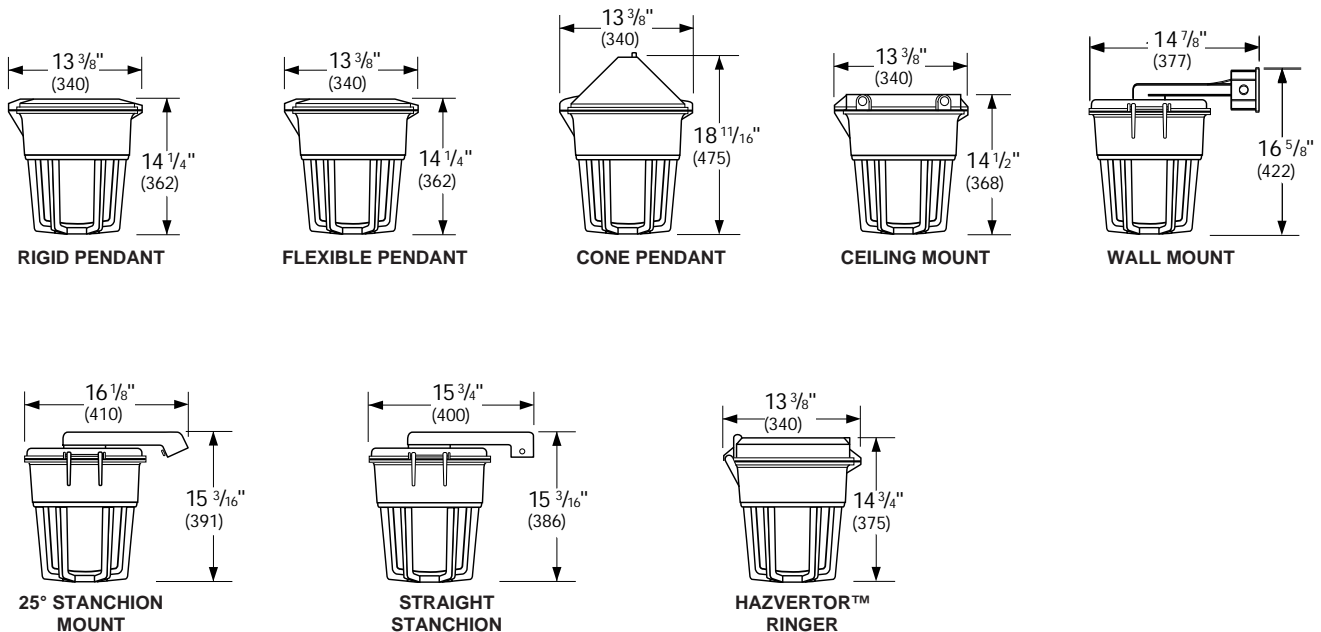


Hazlux® 3 "R" Tank Assemblies Dimensional Drawings

R-TANK HOUSING WITH 7-3/4" REFRACTOR AND GUARD



R-TANK HOUSING WITH 7-3/4" GLOBE AND GUARD



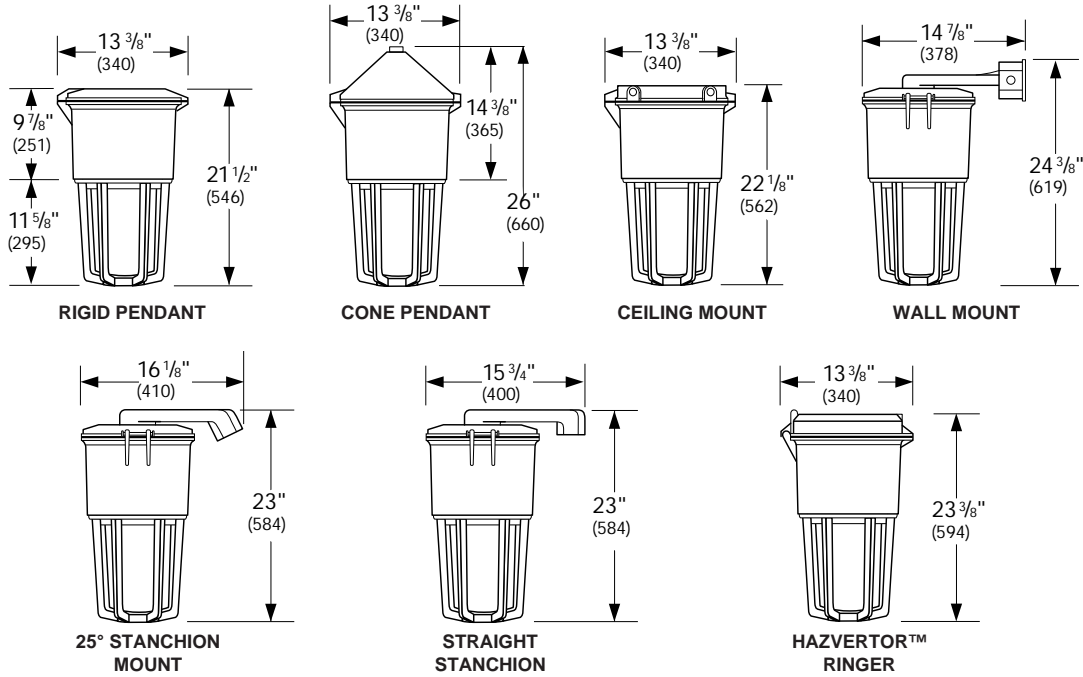
Fixtures for Class I,
Division 2:
Class II: Wet & Marine

Hazlux® 3

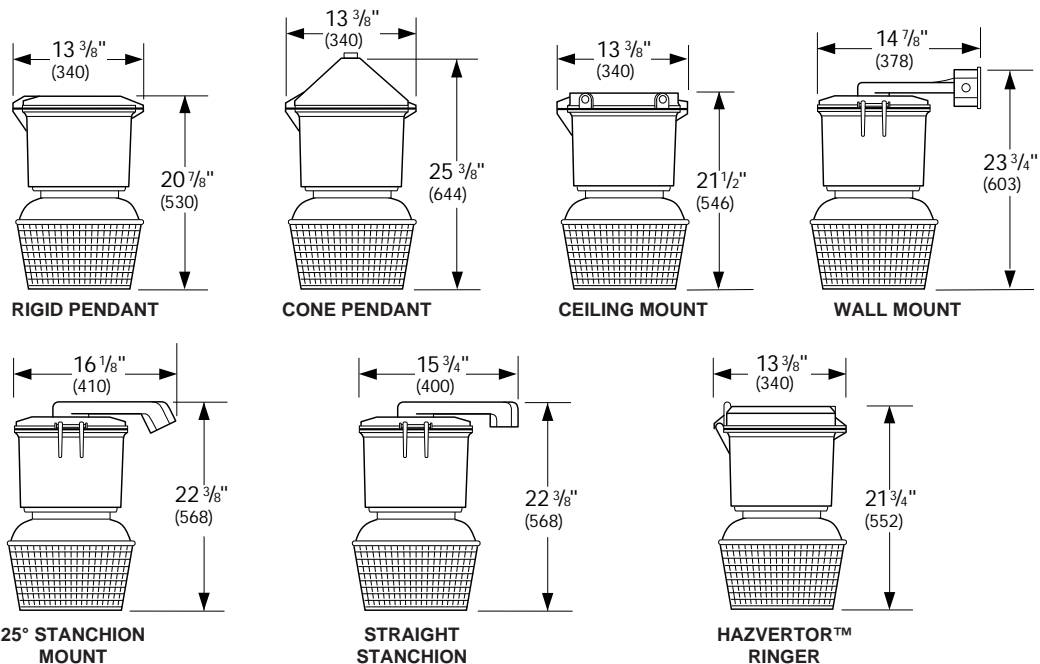
Large Tank Assemblies

Dimensional Drawings

LARGE BALLAST HOUSING WITH GLOBE AND GUARD



LARGE BALLAST HOUSING WITH 12" REFRACTOR AND GLOBE



Fixtures for Class I,
Division 2;
Class II; Wet & Marine