

H.I.D. AREA LIGHTING

VPR-R SERIES-HID

S P E C I F I C A T I O N S

HOUSING

Heavy cast low copper aluminum (A356 alloy , <0.2% copper) arm and hub assembly. Four cast arms are continuously welded to a central mounting hub. The optical housing is spun aluminum (.125" wall thickness) and internally welded to the support arms. Access to the lamp/reflector is through the heavy wall spun aluminum hinged top which is gasketed and overlaps the lower housing section when closed. The central mounting hub slip fits a pole tenon and is secured by 8 stainless steel recessed cap screws. All exposed hardware is stainless steel. Internal protected hardware is electro-zinc plated.

REFLECTOR MODULE

Specular Alzak® optical segments rigidly mounted in an aluminum frame, which attaches to the housing as a one piece module. Reflector module is field rotatable in 90° increments. Reflector modules are factory prewired with a quick-disconnect plug. Sockets are porcelain 4KV pulse rated, medium base (E26) for 50W - 150W or bi-pin (G12) for 70W and 150W. Lamp is vertically or horizontally oriented.

ELECTRICAL COMPONENTS

All electrical components are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Electrical module attaches to housing without the use of tools. Electronic MH ballasts have power factor of >.95, -20°F starting, 120-277V 50Hz/60Hz and have lamp End-of-life protection. Magnetic MH ballasts are high power factor, -20°F starting, multi-tap 120-277V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor, -40°F starting.

FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140° F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

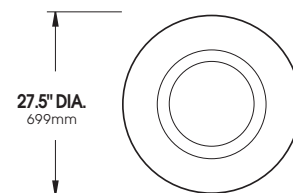
PROJECT NAME: _____

FIXTURE TYPE: _____

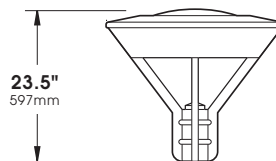


VPR-R


PATENT PENDING



27.5" DIA.
699mm



23.5"
597mm

 Light Pollution Control Classification System
Full cutoff 0% Uplight Luminaire

 U.L. Listed for
wet location

MADE IN THE
USA

2014251

U.S. Architectural Lighting

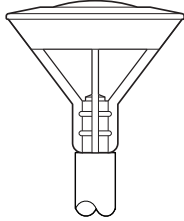
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www.usallg.com

U.S. ARCHITECTURAL
LIGHTING

VPR-R SERIES - HID

S P E C I F I C A T I O N S

MOUNTING STYLES

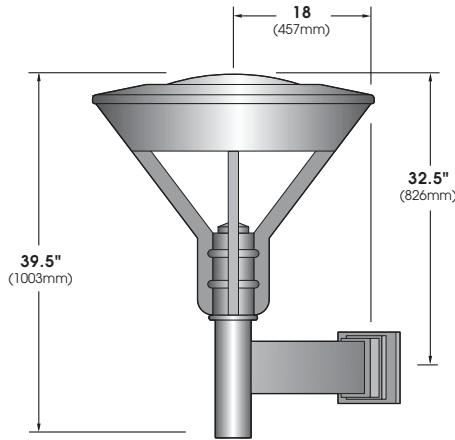


PTB

PTB27-TO FIT OVER 2 7/8" O.D. TENON.

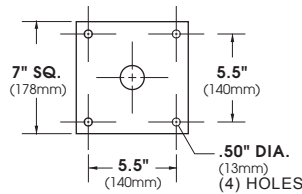
PTB23-TO FIT OVER 2 3/8" O.D. TENON.

WALL MOUNT

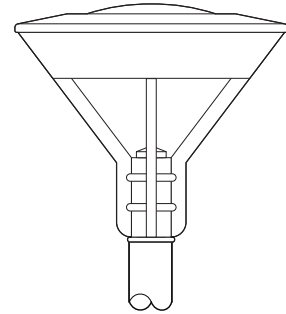


EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE



E.P.A. & LAMP WATTAGE



VPR-R E.P.A.= 1.25
LAMP SIZE: 70 - 150 WATT

ALL CAST ALUMINUM CONSTRUCTION.

INTEGRAL CAST ALUMINUM BALLAST HOUSING.

Spec/Order Example: VPR-R/HR-IV/150PSMH/277/PTB23RAL-9003-S

S P E C / O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	WATTAGE	TYPE	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LAMP			MOUNTING	FINISH	OPTIONS
<input type="checkbox"/> VPR-R	HORIZONTAL SEGMENTED REFLECTORS (STANDARD FLAT GLASS) <ul style="list-style-type: none"> <input type="checkbox"/> TYPE II HR- II <input type="checkbox"/> TYPE III HR- III <input type="checkbox"/> TYPE IV HR- IV <input type="checkbox"/> FORWARD THROW (HOUSE SIDE CUT-OFF) HR- FT-HSC <input type="checkbox"/> TYPE V HR- V-SQ VERTICAL SEGMENTED REFLECTORS (CONVEX GLASS ONLY) <ul style="list-style-type: none"> <input type="checkbox"/> ASYMMETRIC CG/VR- ASY <input type="checkbox"/> SYMMETRIC CG/VR- SYM 	WATTAGE <ul style="list-style-type: none"> <input type="checkbox"/> 150^T <input type="checkbox"/> 150 <input type="checkbox"/> 100 <input type="checkbox"/> 70^T <input type="checkbox"/> 70 	TYPE <ul style="list-style-type: none"> <input type="checkbox"/> PSMH <input type="checkbox"/> HPS 	VOLTAGE <ul style="list-style-type: none"> <input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 (CAN) <input type="checkbox"/> 480 	POST TOP MOUNT <ul style="list-style-type: none"> <input type="checkbox"/> 1 <input type="checkbox"/> PTB23 (TO FIT 2 3/8" O.D.) <input type="checkbox"/> PTB27 (TO FIT 2 7/8" O.D.) WALL MOUNT <ul style="list-style-type: none"> <input type="checkbox"/> WM 	STANDARD TEXTURED FINISH <ul style="list-style-type: none"> <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S) SEE USALTG.COM FOR ADDITIONAL COLORS	<ul style="list-style-type: none"> <input type="checkbox"/> CONVEX GLASS ... CG <input type="checkbox"/> CLEAR POLYCARBONATE DIFFUSER ... LEX <input type="checkbox"/> HOUSE SIDE SHIELD ... HS <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V <input type="checkbox"/> TWIST LOCK PHOTO CELL+VOLTAGE ... TPC+V (EXAMPLE: TPC120V) <input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY ... TPR <input type="checkbox"/> SINGLE FUSE (120V, 277V) ... SF <input type="checkbox"/> DOUBLE FUSE (208V, 480V) ... DF
		NOTES: 1 - 120 THRU 277 ONLY 2 - G12 BASE					
		CONSULT FACTORY FOR OTHER BALLAST CONFIGURATIONS AND LAMP OPTIONS					