

H.I.D. AREA LIGHTING

DSAR SERIES-HID

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

HOUSING

Ballast housing is spun from .080" aluminum. Internal ballast support bracket also functions as mounting reinforcement plate with a minimum thickness of .125". Optical housing is spun from .080" aluminum, hemmed at the edges and internally finished in high-gloss white paint for maximum reflectance.

MOUNTING

When pendant mounted, the fixture housing is connected to the mounting arm by the Trulevel swivel which is internally welded to the housing and allows for fixture leveling prior to locking the swivel. When side arm mounted, the housing is externally welded to the mounting arm and the weld is blended to produce a smooth, continuous joint.

OPTICS

For Standard Polycarbonate Refractor - A clear prismatic polycarbonate lens, utilizing UvaLex® to retard yellowing from UV, seals against the housing with a closed cell EPDM gasket. (For under 250W) Medium base (E26) or bi-pin base (G12) socket provided for the lamp. (For 250W) Mogul base (E39) socket provided. Lamp is vertically oriented.

For Optional Acrylic Refractor - A clear prismatic acrylic for lens seals against the housing with a closed cell EPDM gasket. (For under 250W) Medium base (E26) or bi-pin base (G12) socket provided for the lamp. (For 250W) Mogul base (E39) socket provided. Lamp is vertically oriented.

ELECTRICAL COMPONENTS

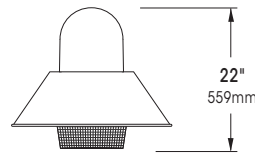
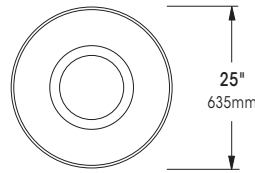
All electrical components are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Electrical module attaches to housing with toolless hinge and latch. Electronic MH ballasts have power factor of >.95, -20°F starting, 120-277V 50Hz/60Hz and have lamp End-of-life protection. 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.

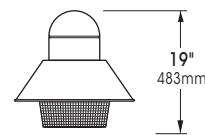
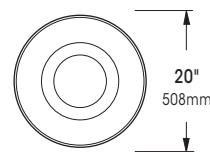
PROJECT NAME: _____

FIXTURE TYPE: _____



DSAR 25

PATENT PENDING



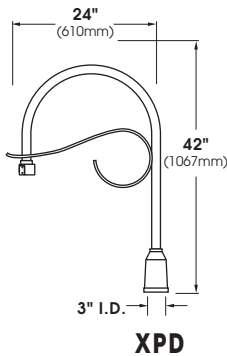
DSAR 1

PATENT PENDING

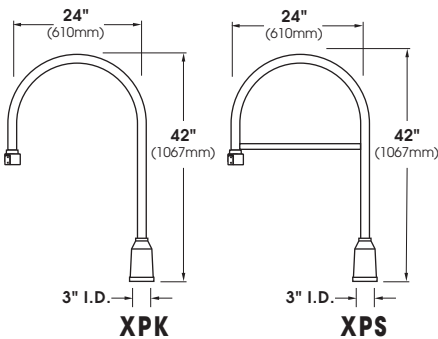
DSAR SERIES - HID

SPECIFICATIONS

MOUNTING STYLES



XPD

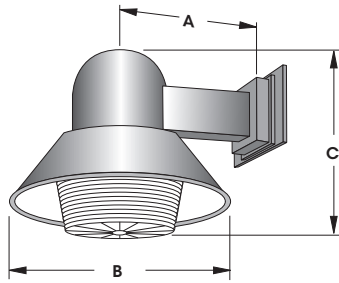


XPK

XPS

ARMS ARE HEAVY WALL EXTRUDED ALUMINUM CONSTRUCTION. FOR ADDITIONAL ARM OPTIONS SEE ARM SECTION.

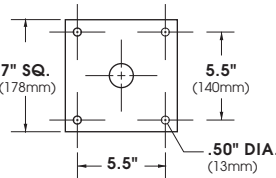
WALL MOUNT



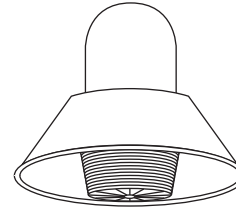
FIXTURE	A	B	C
DSAR25	18" 457mm	25" 635mm	22" 559mm
DSAR1	14" 356mm	20" 508mm	19" 483mm

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

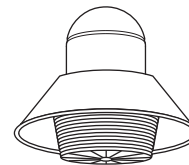
WALL PLATE



E.P.A. & LAMP WATTAGE



DSAR25 E.P.A. = 1.38
LAMP SIZE: 70 - 250WATT



DSAR1 E.P.A. = 0.99
LAMP SIZE: 50 - 150WATT

Spec/Order Example: DSAR25/150PSMH277/CA/1/RAL-9003-T

SPEC / ORDERING INFORMATION

MODEL	WATTAGE	TYPE	VOLTAGE	OPTICS	MOUNTING	FINISH	OPTIONS
MODEL	LAMP			OPTICS	MOUNTING	FINISH	OPTIONS
<input type="checkbox"/> DSAR25	WATTAGE <input type="checkbox"/> 250 <input type="checkbox"/> 175 <input type="checkbox"/> 150 ^{T2} <input type="checkbox"/> 150 <input type="checkbox"/> 100 <input type="checkbox"/> 70 ^{T2} <input type="checkbox"/> 70 <input type="checkbox"/> E ¹ (ELECTRONIC)	TYPE <input type="checkbox"/> PSMH <input type="checkbox"/> HPS	VOLTAGE <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	STANDARD <input type="checkbox"/> CLEAR POLYCARBONATE REFRACTOR. CP OPTIONS <input type="checkbox"/> CLEAR ACRYLIC REFRACTOR. CA DISTRIBUTION <input type="checkbox"/> TYPE II R- II <input type="checkbox"/> TYPE III R- III <input type="checkbox"/> TYPE IV R- IV <input type="checkbox"/> TYPE V R- V-RND	ARM MOUNT <input type="checkbox"/> XPK <input type="checkbox"/> XPS <input type="checkbox"/> XPD FOR ADDITIONAL DECORATIVE ARM SELECTIONS, PLEASE REFER TO USALTG.COM ARM MOUNT <input type="checkbox"/> 1 <input type="checkbox"/> 2-180 <input type="checkbox"/> 3-120 <input type="checkbox"/> 4-90 WALLMOUNT <input type="checkbox"/> WM	STANDARD TEXTURED FINISH <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	<input type="checkbox"/> 3/8" IPS STEM MOUNT AND SWIVEL CANOPY (4'-0" MAX.) SM38 <input type="checkbox"/> CHAIN MOUNTED (4'-0" MAX.) CM <input type="checkbox"/> HOUSE SIDE SHIELD 90° HS 90° 135° HS 135° 180° HS 180° <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V <input type="checkbox"/> SINGLE FUSE (120V, 277V) SF <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) DF
<input type="checkbox"/> DSAR1	WATTAGE <input type="checkbox"/> 150 <input type="checkbox"/> 100 <input type="checkbox"/> 70 ^{T2} <input type="checkbox"/> 70 <input type="checkbox"/> 50 <input type="checkbox"/> E ¹⁻³ (ELECTRONIC) 1 - 120 THRU 277 ONLY 2 - G12 BASE 3 - E-BALLASTS 175W. MAX. CONSULT FACTORY FOR OTHER BALLAST CONFIGURATIONS AND LAMP OPTIONS	TYPE <input type="checkbox"/> PSMH <input type="checkbox"/> HPS	VOLTAGE <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	STANDARD <input type="checkbox"/> CLEAR POLYCARBONATE REFRACTOR. CP OPTIONS <input type="checkbox"/> CLEAR ACRYLIC REFRACTOR. CA DISTRIBUTION <input type="checkbox"/> TYPE II R- II <input type="checkbox"/> TYPE III R- III <input type="checkbox"/> TYPE IV R- IV <input type="checkbox"/> TYPE V R- V-RND	ARM MOUNT <input type="checkbox"/> XPK <input type="checkbox"/> XPS <input type="checkbox"/> XPD FOR ADDITIONAL DECORATIVE ARM SELECTIONS, PLEASE REFER TO USALTG.COM ARM MOUNT <input type="checkbox"/> 1 <input type="checkbox"/> 2-180 <input type="checkbox"/> 3-120 <input type="checkbox"/> 4-90 WALLMOUNT <input type="checkbox"/> WM	STANDARD TEXTURED FINISH <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	<input type="checkbox"/> 3/8" IPS STEM MOUNT AND SWIVEL CANOPY (4'-0" MAX.) SM38 <input type="checkbox"/> CHAIN MOUNTED (4'-0" MAX.) CM <input type="checkbox"/> HOUSE SIDE SHIELD 90° HS 90° 135° HS 135° 180° HS 180° <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V <input type="checkbox"/> SINGLE FUSE (120V, 277V) SF <input type="checkbox"/> DOUBLE FUSE (208V, 240V, 480V) DF