

SOLID STATE AREA LIGHTING

DSAR SERIES-LED

SPECIFICATIONS

HOUSING

Top Driver Compartment is heavy cast, low copper aluminum. Internal driver bracket assembly uses a .125" thick aluminum mounting plate. Optical housing is spun from .080 thick aluminum, hemmed at the edge, and internally finished in high-gloss white paint for maximum reflectance.

POWER TOWER™ LED MODULE

Module consists of a radial array of 6 LED Capsules aligned at 60° increments. LED Capsules are mounted to a sealed barrier plate separating the LED module from the LED Driver compartment. Each LED Capsule contains a vented circuit board with 6 or 8 LED's mounted to it. LED's are Luxeon Rebel High Output, Neutral White nominal 4100K CCT for the entire module (Cool White nominal 6500K are available). Circuit boards are mechanically attached to the aluminum heat sink back of each capsule. A clear acrylic front lens and bottom end cap protect the LED's within each capsule. The module is covered by a clear polycarbonate prismatic refractor for IES Distribution Types II, III, IV, and V.

LED DRIVER(s)

Drivers are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Constant current drivers are electronic and have a power factor of >.90 and a minimum operating temperature of -40°F. Drivers accept an input of 120-277V, 50/60Hz. (Consult factory for dimming applications.)

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.

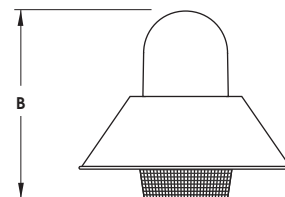
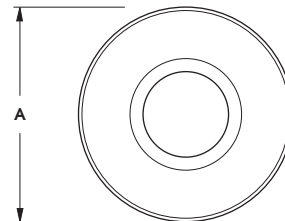
PROJECT NAME: _____

FIXTURE TYPE: _____



DSAR

PATENT PENDING



FIXTURE	A	B
DSAR1	20" 508mm	19" 483mm
DSAR25	25" 635mm	22" 559mm



LPC Light Pollution Control Classification System
Full cutoff 0% Uplight Luminaire



2011098

U.S. Architectural Lighting

660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usallg.com

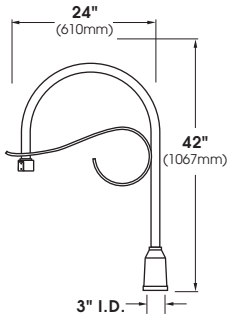
**U.S. ARCHITECTURAL
LIGHTING**

DSAR SERIES - LED

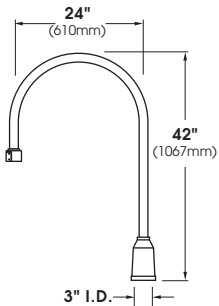
S P E C I F I C A T I O N S

MOUNTING STYLES

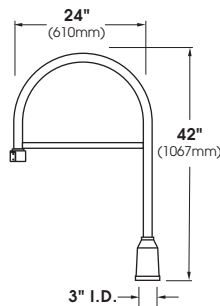
XPD



XPB

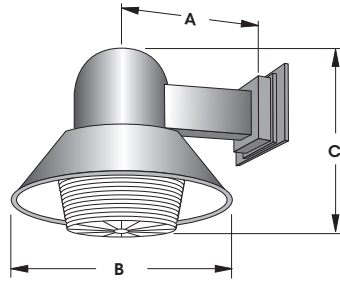


XPS



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

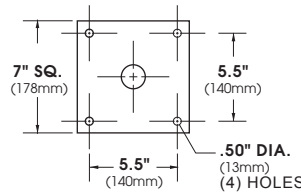
WALL MOUNT



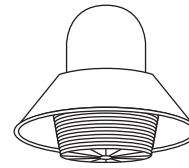
FIXTURE	A	B	C
DSAR1	14" 356mm	20" 508mm	19" 483mm
DSAR25	18" 457mm	25" 635mm	22" 559mm

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

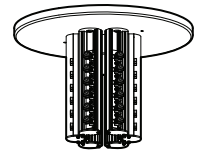
WALL PLATE



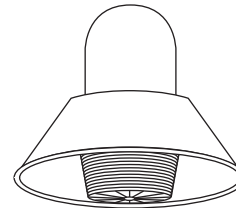
POWER TOWER™ MODULES



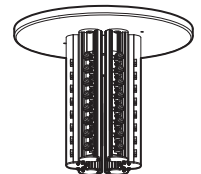
DSAR1 E.P.A.= 0.99
Available in:
36 LED Module
48 LED Module



36 LED Module*



DSAR25 E.P.A.= 1.38
Available in:
36 LED Module
48 LED Module



48 LED Module*

*Modules shown depict a typical Type III light distribution Reflector-Prism pattern.

O R D E R I N G I N F O R M A T I O N

LUMINAIRE-FITTER	OPTICS	LED	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED	COLOR	VOLTAGE	ARM MOUNT	STANDARD TEXTURED FINISH	
<input type="checkbox"/> DSAR1 <input type="checkbox"/> DSAR25	<input type="checkbox"/> TYPE II <input type="checkbox"/> TYPE III <input type="checkbox"/> TYPE IV <input type="checkbox"/> TYPE V	<input type="checkbox"/> 36LED (36 Watts) <input type="checkbox"/> 48LED (48 Watts)	<input type="checkbox"/> *NW - NEUTRAL WHITE (4100K) *STANDARD <input type="checkbox"/> CW - COOL WHITE (6500K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 120-277V <input type="checkbox"/> 347-480V	<input type="checkbox"/> XPB <input type="checkbox"/> XPS <input type="checkbox"/> XPD <input type="checkbox"/> 1 WALLMOUNT <input type="checkbox"/> WM	<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 REMOVE SUFFIX "T" (EXAMPLE: RAL-9005) SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> INTERNAL HOUSE SIDE SHIELD HS <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) DF CONSULT FACTORY FOR DIMMING OPTIONS