

SOLID STATE AREA LIGHTING

DSCR SERIES-LED

SPECIFICATIONS

LUMINAIRE

Upper housing is 0.125" thick formed aluminum (DSCR1) or heavy wall cast aluminum (DSCR25). Lower housing is 0.080" thick formed aluminum. Closed bottom polycarbonate prismatic refracting lens. Pendant Mount uses Trulevel ball coupling mount. Wall mount has integrated side mount extruded aluminum arm and cast aluminum wall plate. All hardware is stainless steel.

LED POWER ARRAY™

Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic lens and end cap protects the LED Tube's internal components.

VERTICAL POWER ARRAY™ WITH REFRACTING LENS:

LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Used in conjunction with the external prismatic refracting which provides the optical control.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER

Drivers are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Constant current driver is electronic and has a power factor of >0.90 and a minimum operating temperature of -40°F. Drivers accept an input of 120-277V, 50/60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

FINISH

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

PROJECT NAME: _____

FIXTURE TYPE: _____



DSCR25-LED

PATENT PENDING



DSCR1-LED

PATENT PENDING



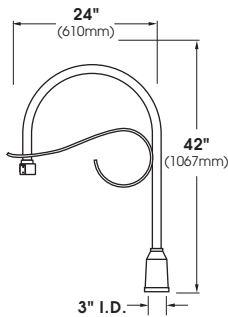
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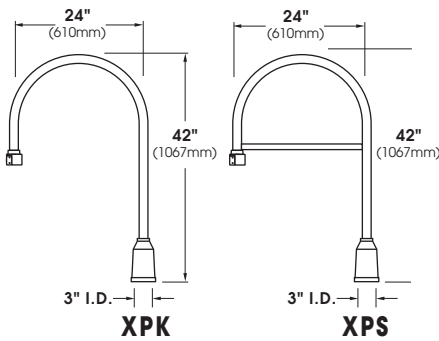
DSCR SERIES - LED

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

MOUNTING STYLES



XPD

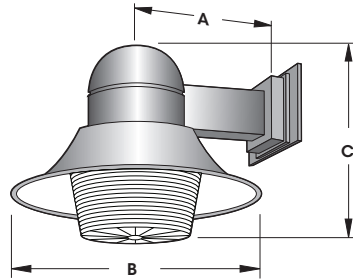


XPK

XPS

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

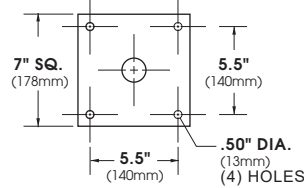
WALL MOUNT



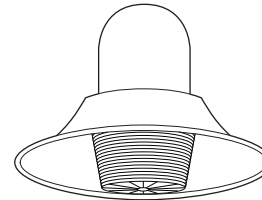
FIXTURE	A	B	C
DSCR25	18" 457mm	28" 711mm	23" 584mm
DSCR1	14" 356mm	22" 559mm	20" 508mm

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

WALL PLATE

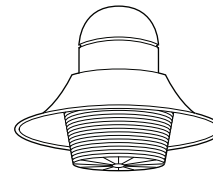


LED POWER ARRAY™ MODULES



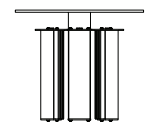
DSCR25 E.P.A.= 1.30

Available in:
80 LED Module Max



DSCR1 E.P.A.= 0.97

Available in:
80 LED Module Max



VPA - Vertical Array
Top Mount

Spec/Order Example: DSCR1LED/VPA-IV/36LED/CW/277/WM/RAL-8019-T

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

LUMINAIRE-FITTER	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED			MOUNTING	FINISH	OPTIONS
LUMINAIRE-FITTER	VERTICAL POWER ARRAY (Clear Prismatic Refracting Lens)	# of LEDs	COLOR	VOLTAGE		STANDARD TEXTURED FINISH	LENS OPTIONS:
<input type="checkbox"/> DSCR25-LED	<input type="checkbox"/> VPA - I	<input type="checkbox"/> 80 LED (89 Watts)	<input type="checkbox"/> NW (4000K)*	<input type="checkbox"/> 120	<input type="checkbox"/> XPK	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> POLYCARBONATE REFRACTING LENS . . . PL (STANDARD)
<input type="checkbox"/> DSCR1-LED	<input type="checkbox"/> VPA - II	<input type="checkbox"/> 64LED (71 Watts)	<input type="checkbox"/> CW (5000K)	<input type="checkbox"/> 208	<input type="checkbox"/> XPS	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> ACRYLIC REFRACTING LENS . . . AL
	<input type="checkbox"/> VPA - III	<input type="checkbox"/> 48LED (53 Watts)	<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> 240	<input type="checkbox"/> XPD	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> STEM MOUNT + LENGTH(IN) (48" MAX) SM+L
	<input type="checkbox"/> VPA - IV	<input type="checkbox"/> 36LED (41 Watts)	OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 277	<input type="checkbox"/> 1	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> CHAIN MOUNT + LENGTH(IN) (48" MAX) CM+L
	<input type="checkbox"/> VPA - V	Wattages Are Max Input Watts			WALLMOUNT	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR HLSW
					<input type="checkbox"/> WM	FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S)	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V
						SEE USALTG.COM FOR ADDITIONAL COLORS	

