

# SOLID STATE AREA LIGHTING

## DSBPT3 SERIES-LED

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

#### HOUSING AND ARM

Heavy walled one-piece aluminum spinning with single reveal for additional rigidity. Housing is supported at six points (3 per side) by 6 aluminum curved tubular arms (.84" O.D.) cradled in a cast aluminum hub which serves as a post top fitter. Arms are welded to the inside of the housing edge and welded to the hub longitudinally. Hub contains a field-splice compartment and a cast aluminum cover.

#### ✓LED® MODULE

Sealed LED Optical Module. Low copper A356 alloy (<.2% copper) cast aluminum housing with integrated lens frame slotted for ventilation. The lens frame also integrates a clear tempered 3/16" glass lens sealed with a continuous silicone gasket protects emitters (LED's) and emitter Reflector-Prism optics, and seals the module from water intrusion and environmental contaminants. Entire module is IP67 rated.

#### ✓LED® EMITTERS AND OPTICS

White nominal 4000K CCT for the entire module (Warm White nominal 3000K and Cool White 5500k are available). Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module; one from 0° - 50°; one from 50° - 65°; one from 65° - 72°). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, Type III, Type IV, and Type V-SQ distributions. The entire Optical Module is field rotatable in 90° increments.

#### DRIVER

✓LED® drivers are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Constant current drivers are electronic and have a power factor of >.90 and a minimum operating temperature of -40°F. ✓LED® drivers accept an input of 120-277V 50/60Hz. 0-10V dimmable drivers standard. Consult factory for 347 - 480V application.

#### 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.

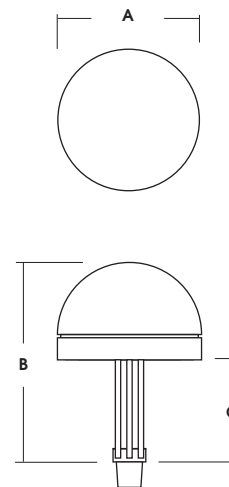
PROJECT NAME: \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_



**DSBPT3**

PATENT PENDING

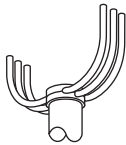


FIXTURE	A	B	C
<b>DSBPT3</b>	22" DIA. (559mm)	30.5" (775mm)	15.5" (394mm)
<b>DSBMPT3</b>	18" DIA. (457mm)	25" (635mm)	12.5" (318mm)

# DSBPT3 SERIES - LED

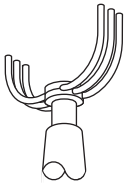
## S P E C I F I C A T I O N S

### MOUNTING STYLES



**PTA**

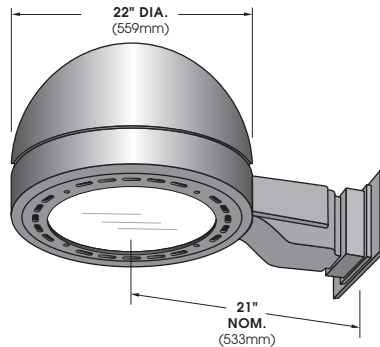
STANDARD TENON ASSEMBLY FOR 4" & 5" DIA. POLES. DECORATIVE RING SUPPLIED FOR 6" DIA. POLES.



**PTB**

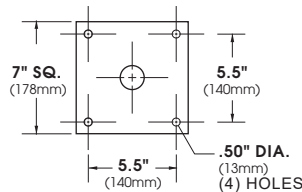
TENON ASSEMBLY FOR TAPERED OR SQUARE POLES. TENON ASSEMBLY IS ALSO AVAILABLE AS AN OPTION FOR 4", 5" OR 6" DIA. POLES

### WALL MOUNT

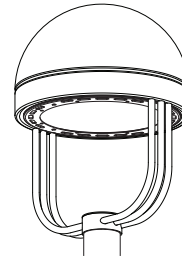


EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

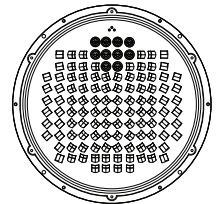
### WALL PLATE



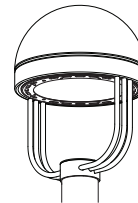
### LED MODULES



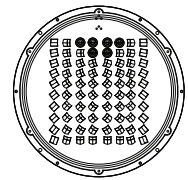
**DSBPT3** E.P.A. = 1.55  
Available in:  
120 LED Module  
80 LED Module  
64 LED Module  
48 LED Module



120 LED Module\*



**DSBMPT3** E.P.A. = 1.30  
Available in:  
120 LED Module  
80 LED Module  
64 LED Module  
48 LED Module



80 LED Module\*

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

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

MODEL	OPTICS	No. LEDs	DRIVE CURRENT	COLOR TEMP - CCT	MOUNTING	FINISH	OPTIONS
<b>MODEL</b>	<b>HORIZONTAL LAMP REFLECTORS</b>	<b>No. LEDs</b>	<b>DRIVE CURRENT</b>	<b>COLOR TEMP - CCT</b>	<b>POST TOP MOUNT</b>	<b>STANDARD TEXTURED FINISH</b>	
<input type="checkbox"/> DSBPT3	<input type="checkbox"/> TYPE II VLED-II	<input type="checkbox"/> 120LED <sup>1</sup>	<input type="checkbox"/> 700mA <sup>3</sup>	<input type="checkbox"/> *NW (4100K) *STANDARD	<input type="checkbox"/> PTA	<input type="checkbox"/> BLACK RAL-9005-T	<input type="checkbox"/> HIGH - LOW DIMMING FOR EXTERNAL CONTROL . . . . . HLSW
	<input type="checkbox"/> TYPE III VLED-III	<input type="checkbox"/> 80LED <sup>2</sup>	<input type="checkbox"/> 525mA	<input type="checkbox"/> CW (5500K)	<input type="checkbox"/> PTB23 (TO FIT 2 3/8" O.D.)	<input type="checkbox"/> WHITE RAL-9003-T	<input type="checkbox"/> 10KA SURGE PROTECTOR . . . 10SP
		<input type="checkbox"/> 64LED <sup>2</sup>	<input type="checkbox"/> 350mA	<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> PTB27 (TO FIT 2 7/8" O.D.)	<input type="checkbox"/> GREY RAL-7004-T	<input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) . . . . . PC+V
		<input type="checkbox"/> 48LED		OTHER LED COLORS AVAILABLE CONSULT FACTORY	<b>WALLMOUNT</b>	<input type="checkbox"/> DARK BRONZE RAL-8019-T	<input type="checkbox"/> TWIST LOCK PHOTO CELL+VOLTAGE (EXAMPLE TPC120V) . . . . . TPC+V
<input type="checkbox"/> DSBMPT3	<input type="checkbox"/> TYPE IV VLED-IV	<b>DSBMPT3</b>	<b>VOLTAGE</b>		<input type="checkbox"/> WM	<input type="checkbox"/> GREEN RAL-6005-T	<input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY . . . . . TPR
	<input type="checkbox"/> TYPE V-SQ VLED-V-SQ	<input type="checkbox"/> 80LED <sup>1</sup>	<input type="checkbox"/> 120-277V			FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S)	<input type="checkbox"/> SINGLE FUSE (120V. . . 277V) . . . . . SF
		<input type="checkbox"/> 64LED <sup>2</sup>	<input type="checkbox"/> 347-480V			SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> DOUBLE FUSE (208V. . . 240V) . . . . . DF
		<input type="checkbox"/> 48LED					CONSULT FACTORY FOR DIMMING APPLICATIONS

NOTES:  
1 - 350mA Max  
2 - 525mA Max  
3 - 48LED only