

SOLID STATE AREA LIGHTING

DSB 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. Arm is heavy cast low copper aluminum (A356 alloy, < .02% copper) and also functions as driver compartment.

✓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

Emitters (LED's) are constant current type, Neutral 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.

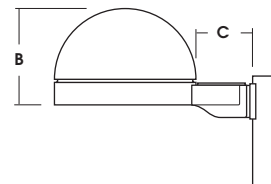
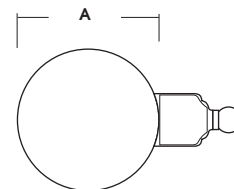
PROJECT NAME: _____

FIXTURE TYPE: _____



DSB

PATENT PENDING

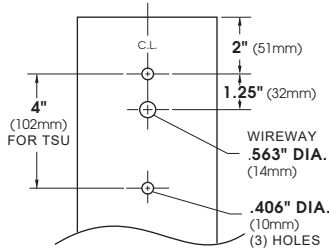


FIXTURE	A	B	C
DSB	22" DIA. (559mm)	15" (381mm)	9" (229mm)
DSBM	18" DIA. (457mm)	12.5" (318mm)	7.5" (178mm)

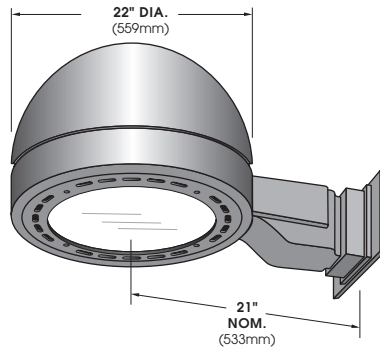
DSB SERIES - LED

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

POLE DRILLING TEMPLATE

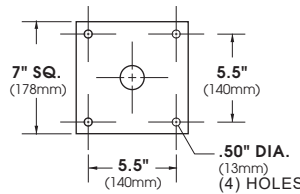


WALL MOUNT

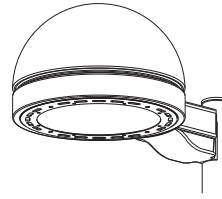


EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

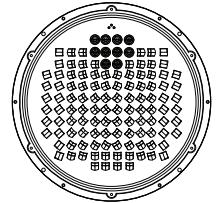
WALL PLATE



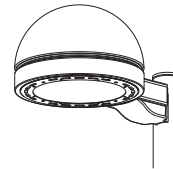
VLED® MODULES



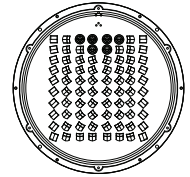
DSB E.P.A. = 1.57
Available in:
120 LED Module
80 LED Module
64 LED Module
48 LED Module



120 LED Module*



DSBM E.P.A. = 1.03
Available in:
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
MODEL	OPTICS	LED			MOUNTING	FINISH	OPTIONS
<input type="checkbox"/> DSB	HORIZONTAL LAMP REFLECTORS <input type="checkbox"/> TYPE II VLED-II <input type="checkbox"/> TYPE III VLED-III <input type="checkbox"/> TYPE IV VLED-IV <input type="checkbox"/> TYPE V-SQ VLED-V-SQ	No. LEDs <input type="checkbox"/> 120LED ¹ <input type="checkbox"/> 80LED ² <input type="checkbox"/> 64LED ² <input type="checkbox"/> 48LED	DRIVE CURRENT <input type="checkbox"/> 700mA ³ <input type="checkbox"/> 525mA <input type="checkbox"/> 350mA	COLOR TEMP - CCT <input type="checkbox"/> *NW (4100K) *STANDARD <input type="checkbox"/> CW (5500K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	ARM MOUNT DSB <input type="checkbox"/> 1 ●	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	<input type="checkbox"/> HIGH - LOW DIMMING FOR EXTERNAL CONTROL HLSW <input type="checkbox"/> 10KA SURGE PROTECTOR ... 10SP <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V <input type="checkbox"/> TWIST LOCK PHOTO CELL+VOLTAGE (EXAMPLE TPC120V) ... TPC+V <input type="checkbox"/> TWIST LOCK RECEPTACLE ONLY TPR <input type="checkbox"/> SINGLE FUSE (120V. . 277V) SF <input type="checkbox"/> DOUBLE FUSE (208V. . 240V) DF
<input type="checkbox"/> DSBM		DSBM <input type="checkbox"/> 80LED ¹ <input type="checkbox"/> 64LED ² <input type="checkbox"/> 48LED	VOLTAGE <input type="checkbox"/> 120-277V <input type="checkbox"/> 347-480V		WALLMOUNT <input type="checkbox"/> WM ●	FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S) SEE USALTG.COM FOR ADDITIONAL COLORS	CONSULT FACTORY FOR DIMMING APPLICATIONS

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