



ACTUAL SIZI

SDELTA-2

SHOCKWAVE DELTA-2 | WHITE SERIES

The SACO Shockwave DELTA-2 is a slim and stylish, wall-grazing or wall-washing fixture using high-performance LEDs to deliver intense and precise lighting, from cool to warm white. The DELTA-2 is highly adjustable and is great end-to-end, stacked, or positioned around complex structures.

DELTA-2 comes in narrow, medium, wide, and a variety of oval optic options making this a versatile lighting solution for most projects.

HIGH RESOLUTION SACO's proprietary V-STREAM high-speed, high-resolution video pixel control.

DMX compatible

BRIGHT FIXTURE SACO's intelligent control maximizes output for the brightest whites

COMPACT SIZE Ultra-compact design and remote V-BRAIN power allows for low-profil

installation and discreet integration.

MODULAR Build the perfect performer by combining and stacking fixtures to sui

HEAT MANAGEMENT Efficient heat dissipation. No dirt traps.





FEATURES GUIDE





PHYSICAL

CONSTRUCTION Machined high grade 6061-T6 aluminum

Machined scratch resistant clear polycarbonate face (0.2", 4.5mm thickness)

Sturdy stainless steel hardware

High-pressure silicone rubber seal (temp range -60°F to 400°F, -50°C to 200°C)

MOUNTING Standard 304 stainless steel aimable mounting bracket (0.1", 2.6mm thickness)

180° tilt, 90° pan around central pivot Micro-adjustable for perfect aiming

Locking bracket accommodates 1/4" (6mm) mechanical screws

SURFACE FINISH Standard brushed anodized finish

Custom painted colors also available

WEIGHT 3.0lb (1.4kg), with standard cable + mounting bracket

THERMAL

HEAT CONTROL Use of entire fixture's surface area for ideal heat dissipation

No fins, no dirt buildup

SURFACE FINISH Anodized for better emissivity OPERATING TEMP -40°F to 185°F (-40°C to 85°C)

ELECTRICAL

INPUT VOLTAGE 24VDC (CLASS 2) POWER 21W Maximum

V-BRAIN LIMIT 4 (Connect maximum 1 per V-Brain 100 output. Please refer to specification guide)

CABLE Standard 4' (1.2m) cable with quick connector (Q804), or optional 10' (3m) pigtail

cable for fixed color applications (P210)

CONTROL INPUT SACO Video (Up to 16 bit resolution)

DMX512 (8 bit resolution)

DMX512 with RDM (Remote Device Management) (8 bit)

On/Off without control signal for fixed whites

OPTICAL

WHITE SERIES High-intensity discrete LEDs

Wide CCT range (2700, 4000, 5700K)

Wide range of CRI (70 to 90+), high R9 value available upon request

Binning as low as 3 MacAdam steps for consistent whites

LUMEN OUTPUT From 1300 to over 2500 delivered lumens in warm white (WW), depending on

source/optics combo

PERFORMANCE From 70 to over 130lm/W, depending on source/optics combo
REFRACTORS Injection molded PMMA total internal reflection collimators (TIR)

Variety of axial and transverse beam angles, from circular to oval light spreads

Factory installed for enhanced optical precision

SHOCKWAVE ACCESSORIES

EXTENSION 10' (3m) EXT10 and 20' (6m) EXT20 fixture extension cables may be used to

CABLES lengthen standard cable to a maximum of 60' (18m)

IP67 quick connectors for easy connections to V-BRAIN

MOUNTING Multiple mounting and joining bracket options available

See accessories guide for options

OPTICAL Multiple optical accessories are available

ACCESSORIES See accessories guide for options

CONTROLLERS Multiple Shockwave video and DMX512 control options are available

See accessories guide for options

MORE Please refer to accessories guide for more information

ADDITIONNAL INFORMATION

CERTIFICATION ETL listed as per UL 2108, CSA C22.2 Nº 250.0

CE

IP 66, suitable for wet locations

Roadway and Area Lighting Equipment Luminaire Vibration as per ANSI C136.31

WARRANTY 5 years

ORIGIN Designed and made in North America

















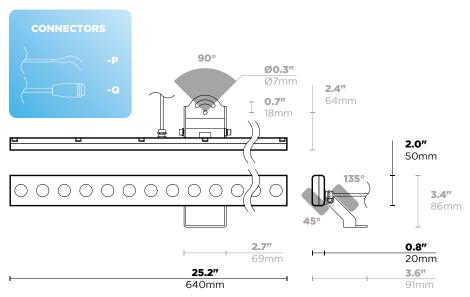




SPECIFICATIONS GUIDE



open bezel for -xn optics options



-TP MOUNTING HARDWARE VERSION, SEE ACCESSORIES GUIDE FOR MORE. (ADJUSTABILITY AND MOUNTING DIMENSIONS IN GREY)



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PRODUCT ORDERING CODE

| MODE | L# |
|---------------------------------|--|
| COLO | R LIGHT SOURCE |
| CW NW WW DW | Cool White (Max 21W, 1900lm approx 5700K, 70 CRI min) Neutral White (Max 21W, 1900lm approx 4000K, 80 CRI min) Warm White (Max 21W, 1400lm approx 2700K, 90 CRI min) Dynamic White (Max 21W, 2700-5700K) |
| LIGHT | SPREAD (AXIAL + TRANSVERSE) 1,2 |
| N+N M+M W+W M+N W+M | Narrow (Circular beam, nominal 15° TIR lens) Medium (Circular beam, nominal 30° TIR lens) Wide (Circular beam, nominal 50° TIR lens) Medium + Narrow (Oval beam, nominal 35°x15° TIR lens) Medium + Wide (Oval beam, nominal 55°x35° TIR lens) X + Narrow (Oval beam, nominal 95°x15° TIR lens, see image on left) 1 All beam angle values (FWHM) may vary depending on specified light color. Please refer to photometric guide for corresponding beam angles. |
| | ² Factory installed. Please refer to accessories guide for field-adjustable optical accessories. |
| CONT | ROL SPECIFICATION 3 |
| SVD DMX RDM OFF | SACO Video (Up to 65,536 shades per color, dimming down to 0%) DMX512 ⁴ (Up to 256 shades per color, dimming down to 0%) DMX512 ⁴ + RDM (Up to 256 shades per color, dimming down to 0%) On/Off (No dimming) ³ Remote power supply and control gear to be ordered separately. |
| | Please refer to specification guide. |
| | ⁴ DMX addresses must be identified on order. |
|] | E HARNESS CONNECTOR |
| Q P | Quick connector ⁵ (8-pin, overmolded IP67) None, pigtail ⁶ (2 conductors, stripped wire ends, no connector) |
| • | $^{\rm 5}$ Default option, 8-conductor maximum cable length is 4' (1.2m), see below. Make sure connector choice corresponds with that of remote power supply. |
| | ⁶ 2-conductor cable compatible only, see below. |
| | E HARNESS LENGTH |
| 801.2 8 203.0 | 8-conductor, custom length (please specify, in meters) ⁸ 2-conductor, 10' (3m) ⁹ |
| 2 | |
| | Default length option, comes fitted with 8-pin quick connector only (-Q, see above). Minimum 8-conductor cable length is 6" (0.15m) and maximum 10' (3m). Longer runs can be achieved using extensions. Refer to V-Brain wiring guide for details. |
| | ⁹ 2-conductor cables have pigtailed ends as standard (-P only, see above). ¹⁰ Maximum 2-conductor cable length option is 80' (24m) length. |
| SURF | ACE FINISH |
| CLA BKA | Clear Anodized Black Anodized Custom, please specify |
| MOUN | ITING HARDWARE ¹¹ |
| _ TP | Tilt + Pan mounting bracket (Tilt 180°, Pan 90°) |
| NO | None |
| | Custom, please specify Tilt and pan aimable mounting bracket factory installed as standard. Please refer to accessories guide for further mounting options. |
| MOUN | ITING FINISH 12 |
| SS | Stainless Steel Custom, please specify |
| | 12 Dearly finish in supercolate into a shall Contain finish to |

 $^{\mathbf{12}}$ Bracket finish is exposed stainless steel, Custom finish to

be applied to stainless steel. Consult your sales agent for

compatible finishes, price and availability.

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PHOTOMETRICS GUIDE











A NOTE ON PERFORMANCE

WHITE LIGHT All of the photometrics below are based on a warm white light source (-WW).

Beam angle (FWHM) may vary depending on specified light color, as well as on

fixture finish.

Photometric performance is measured in compliance with IESNA LM-79-08.

Consult SACO website for the latest IES files.

LIGHT SPREAD Optics code sequence describe the type

of light spread achieved both axially and transverse, in that order.

AXIAL

+ TRANSVERSE





