A-LINE
by Liteline

SIGMA 2
Round Wall Wash, 415 Lumens, 9 Watts
Recessed Downlighting

LUTRON CASAMBI
WET LOCATION
cETLus Intertek
LED 5 YEAR WARRANTY

Description

The Sigma 2 Wall Wash offers a consistent even illumination from ceiling to wall. Available in round and square, those fixtures are suitable for highlighting art pieces or just a subtle wall wash effect on walls.

Technical Drawings

Mounting: Remodel

8" 203mm
3¾" 96mm
4" 102mm
2⅜" 61mm
11" 279mm
6³⁄₁₆" 157mm
1³⁄₈" 35mm
Hole Cut Size 2¹⁵⁄₁₆" (75mm)
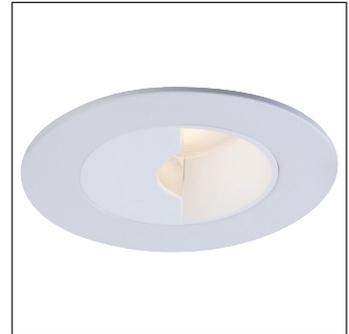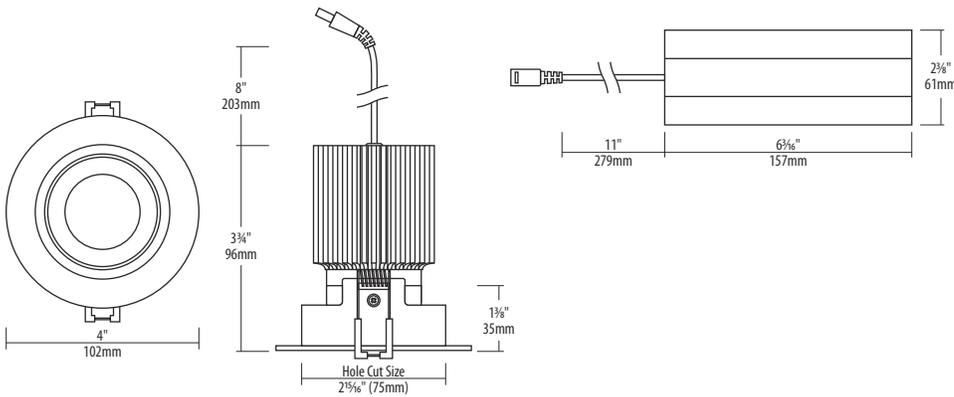
FIXTURE SPECIFICATIONS

Aperture	2⅝" (67mm)
Application	Recessed
Approved Location	Wet
Certification	cETLus
CRI	90
Dimming	Yes
Energy Star	Yes
Hole Cut Size	2¹⁵⁄₁₆" (75mm)
Max. Ceiling Thickness	1½"
Power Factor	>0.9
Power Supply Type	Constant Current
Lumen Maintenance	70% @ 50,000 Hrs
THD	<20%
TM-30 Annex E	P2 / V- / F3

Ordering Guide

S230	Trim Color	Trimless Option	Baffle Color / Style	Source Lumens Per Head[1]	Color Temp.	Beam Angle	Lens Options	Driver Options	Voltage	Mounting	Shipping
				-				-			

QUICKSHIP 7-DAY Highlighted option denotes QuickShip.

Trim Color
- **B:** Black
- **W:** White

Trimless Option
- **S:** No adapter
- **T:** Trimless Adapter Included
- **1:** Trimless Adapter in ½" drywall[5]
- **5:** Trimless Adapter in ⅝" drywall[5]

Baffle Color / Style
- **B:** Black Wall Wash
- **M:** Semi-Specular Wall Wash
- **H:** White Wall Wash with Semi-Specular Baffle

Source Lumens Per Head[1]
- **B:** 415 lm (9W, IC Rated)

Color Temp.
- **27:** 2700 K
- **30:** 3000 K
- **35:** 3500 K
- **40:** 4000 K
- **50:** 5000 K

Beam Angle
- **M:** Medium

Lens Options
- **C:** Clear protective lens

Driver Options
- **C:** TRIAC, ELV, 0-10V, 120-277V Input
- **B:** Rated -40°C, 0-10V, 120-277 & 347V Input[2]
- **D:** DALI, Rated -40°C, 120-277V & 347V Input[2]
- **M:** DMX, 120-277V Input[2,4]
- **E:** Emergency Backup, 0-10V, 120-277V Input[2,4]
- **L:** Lutron EcoSystem, 120-277V Input[4]
- **Q:** Casambi Enabled Driver, 120-277V Input[2,4]

Voltage
- **X:** 120-277V
- **1:** 120V[3]
- **3:** 347V

Mounting
- **RM:** Remodel
- **NC:** New Construction
- **AR:** Architectural C-Channel Brackets

Shipping
- **1:** Ship Complete
- **2:** Ship Rough-in First

Notes:
[1] Delivered lumens provided are based on 3000 K with wide reflector.
[2] Above ceiling access or remote mount required.
[3] Driver option "T" only.
[4] Not available in 347V.
[5] Adapter ships separately.
QuickShip option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from QuickShip section to qualify.
For additional options please consult your A-Line representative. All trademarks are the property of their respective owners. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Features

Beam Angle
Wall wash with 10° kick.

Baffle
A wall wash baffle is available.

LED Characteristics
Available with high efficiency LED chip that maintains high lumens per watt with a typical 90 CRI.

LED Optics
Integrated clear protective lens.

Dimming
Multiple dimming options are available. 100~10% dimming with TRIAC/ELV, 100~1% dimming with 0-10V, and dim to off with compatible devices. Compatible with OnCloud dimmer. See LED Driver Options for details. Consult factory for compatible dimmers.

Thermal Performance
Extruded aluminum heat sink ensures optimal heat dissipation and LED life.

LED Driver
The LED driver is remote mounted to allow for a lower operating temperature of the LED, longer life, and serviceable separate from the fixture. Includes an 18" plenum rated FT6 wire with DC 2.1 connector from the driver to fixture. Inrush current for all drivers is compliant with NEMA 410. See LED Driver Options for more specific details.

Hanger Bars – New Construction
Rigid hanger bars extend up to 25" (635mm). Score lines on the hanger bars allow for tool-less shortening down to 12" (305mm). Built-in line-up foot allows for accurate housing height during installation. Integrated T-bar clips easily snap onto T-bars.

Hanger Bars – Architectural C-Channel
Architectural frame bracket accepts C-channel and EMT conduit. Vertically adjustable.

Trimless Option
Trimless adapter provides a flush and seamless ceiling mount. Trimless adapter is also available prefabricated in level 5 drywall for ease of installation.

Shipping
Fixtures can be shipped complete or with rough-in components first, and the remainder once requested.

Environment
Suitable for use in wet locations. With trimless adapter, suitable for use in damp locations.

Warranty
5-Year warranty.

QuickShip Made-To-Order
Made-To-Order products ship within seven business days of an order being released.

ONLINE PRODUCT DETAILS AND DOCUMENTATION

LED Driver Options

(C) TRIAC/ELV/0-10V : TRIAC/ELV dimming for 120V only, 100~10% dimming. 1% Dimming over 0-10V is optional, but required for 277V & 347V dimming.

(B) Rated -40 : Low temperature driver operation. Dimming to 1% over 0-10V.

(D) DALI : DALI soft dimming to 1%. Dim-to-off with standby power <0.3W. Rated to -40.

(M) DMX : DMX/RDM soft dimming to 0.1%. Dim-to-off with standby power <0.3W.

(E) Emergency Backup : Integrated emergency battery with switchable output of 5W for 180 minutes, or 10W for 90 minutes of operation during an outage. Dimming to 1% over 0-10V.

(L) : Lutron EcoSystem : Hi-lume® 1% EcoSystem® LED driver with Soft-on, Fade-to-Black dimming technology, suitable for integration into a planned or existing EcoSystem® lighting control solution.

(Q) Casambi Enabled : Casambi wireless module included. Wireless dimming to 1% provided over 0-10V signal from module.

Accessories

P-3010
75mm round pre-mounting plate for Sigma 2 fixtures.

ALB-27
27" Linear hanger bar, 2-pack.

LC-CRTL-DIM-1
Smart Wi-Fi dimmer, 150W, 120V.
* Compatible with TRIAC Driver.

Trimless

P-4500
115mm round pre-mounting plate for Sigma 2 fixtures.

S2-ZCR-4
102mm Sigma 2 round trimless adapter.
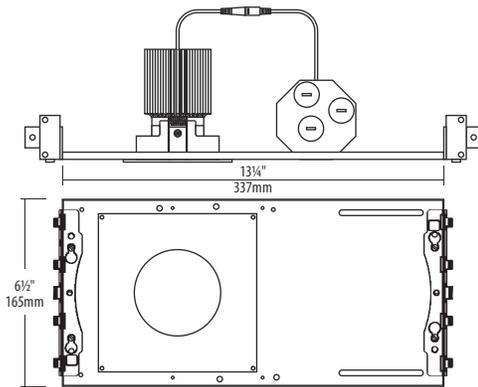
S2-PDW1R-4
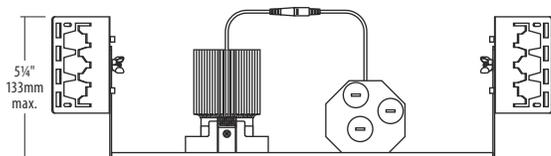Trimless adapter in ½" drywall.

S2-PDW5R-4
Trimless adapter in ⅝" drywall.
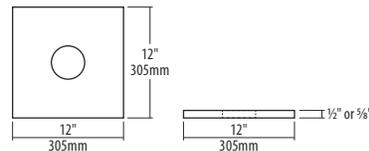
Technical Drawings

New Construction

13¼"
337mm

6½"
165mm

Architectural

5¼"
133mm
max.

Mounting: Trimless Adapter in Drywall

12"
305mm

12"
305mm

12"
305mm

½" or ⅝"

Mounting: Trimless Adapter

4"
102mm
6⁵⁄₁₆"
160mm
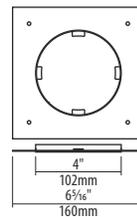
Photometry

Note : All photometric data is based on 3000 K CCT, medium beam spread, white trim and clear protective lens.

CCT Correction Factors :
Baseline lumens = 3000 K
Multiply 3000 K lumen values by:
     0.95 for 2700 K
     1.10 for 3500 K
     1.15 for 4000 K
     1.20 for 5000 K

S230Wx-B30MC-xx-xxx : SIGMA 2, 9W, medium beam spread, clear protective lens

Polar Candela Distribution

32.8°
36.8°