

Your Logo / Info Here

Project Information

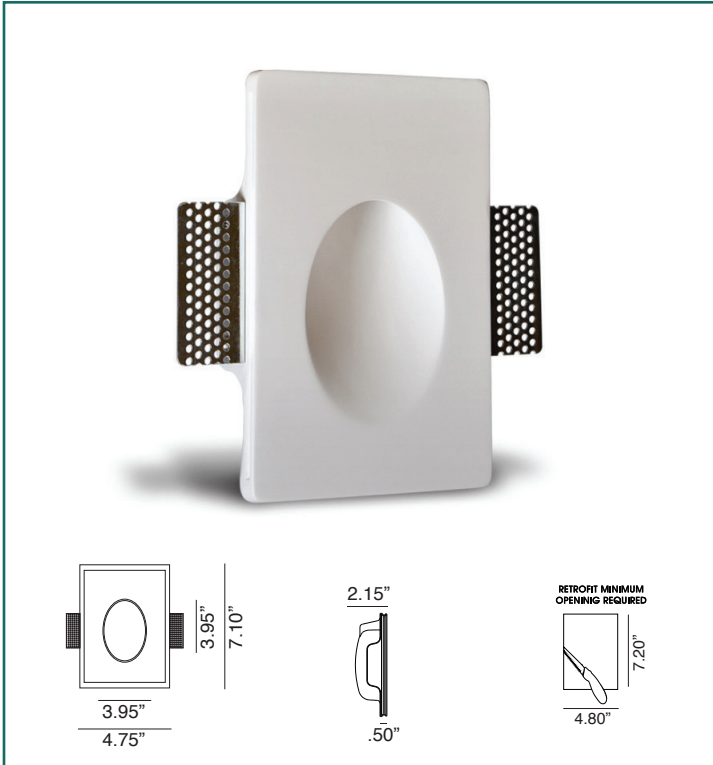
Fixture Type: _____

Project Name: _____

Location: _____

LG-4013

Small Wall Washer LED



Lamp Details

MR11
LAMP TYPE



Lamp Module Details

CL2-MR11

WATTAGE

1W

CRI

90

BEAM SPREAD

38°

CLASS

CLASS 2

POWER SUPPLY

CONSTANT CURRENT

VOLTAGE

3V

CURRENT

350MA

COLOR TEMP

27K/30K

IC

YES

LUMENS

80

DIMMING

TRIAC or 0-10

LED TYPE

CREE

Product Description

The Harmony LED Plaster Recessed Light

Revolutionary Plaster light fixture, which allows a true seamless and trimless installation. The fixtures are paintable using standard paint and paint colors.

LED Lighting Engine High performance, low power LEDs provide outstanding reliability, performance and color quality/consistency. 2700K or 3000K color temperature with 90 CRI.

- Life Rated for 30,000 hours at 70% lumen maintenance
- All testing reports are based on published industry procedures

Product Features

- Revolutionary flush mounted trimless & seamless design which offers consistent aesthetics
- Made out of Plaster materials
- Our plaster fixture can be painted fast and easy by simply using your standard paint colors.
- Energy efficient LED light engines
- Dimmable with a variety of commonly used drivers
- Fixtures can be used with all Smart House Systems such as Lutron, Vantage, Control4, Crestron and others
- Easy installation for new construction and remodel applications
- Class 2
- IC Rated UL approved fixtures
- Environmentally Friendly Materials
- Damp location Rated
- Dimming Driver included

Your Logo / Info Here

Project Information

Fixture Type: _____

Project Name: _____

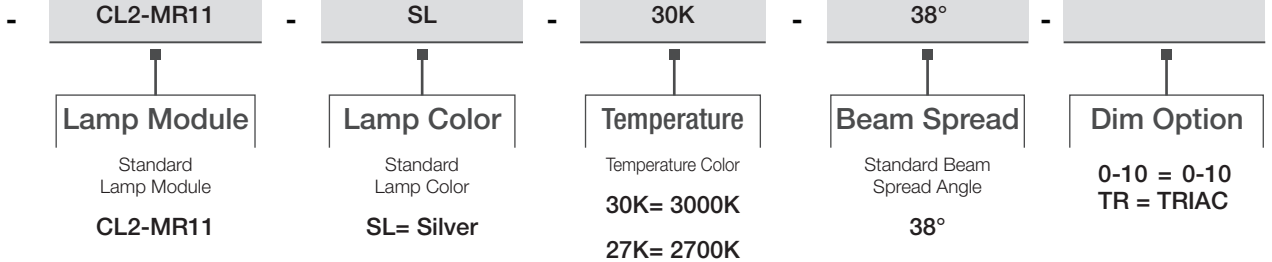
Location: _____

LG-4013

Small Wall Washer LED

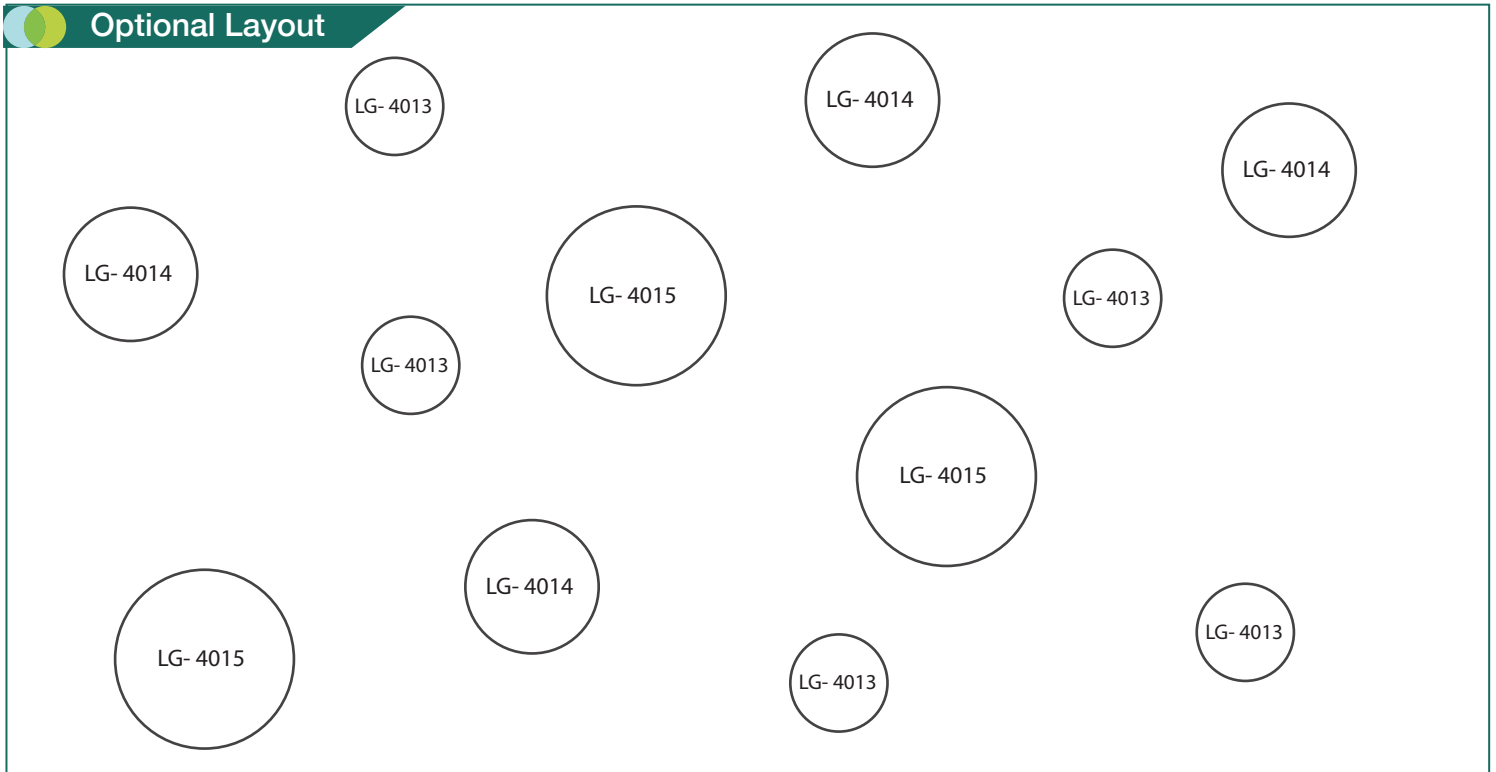
Ordering Guide

LG-4013

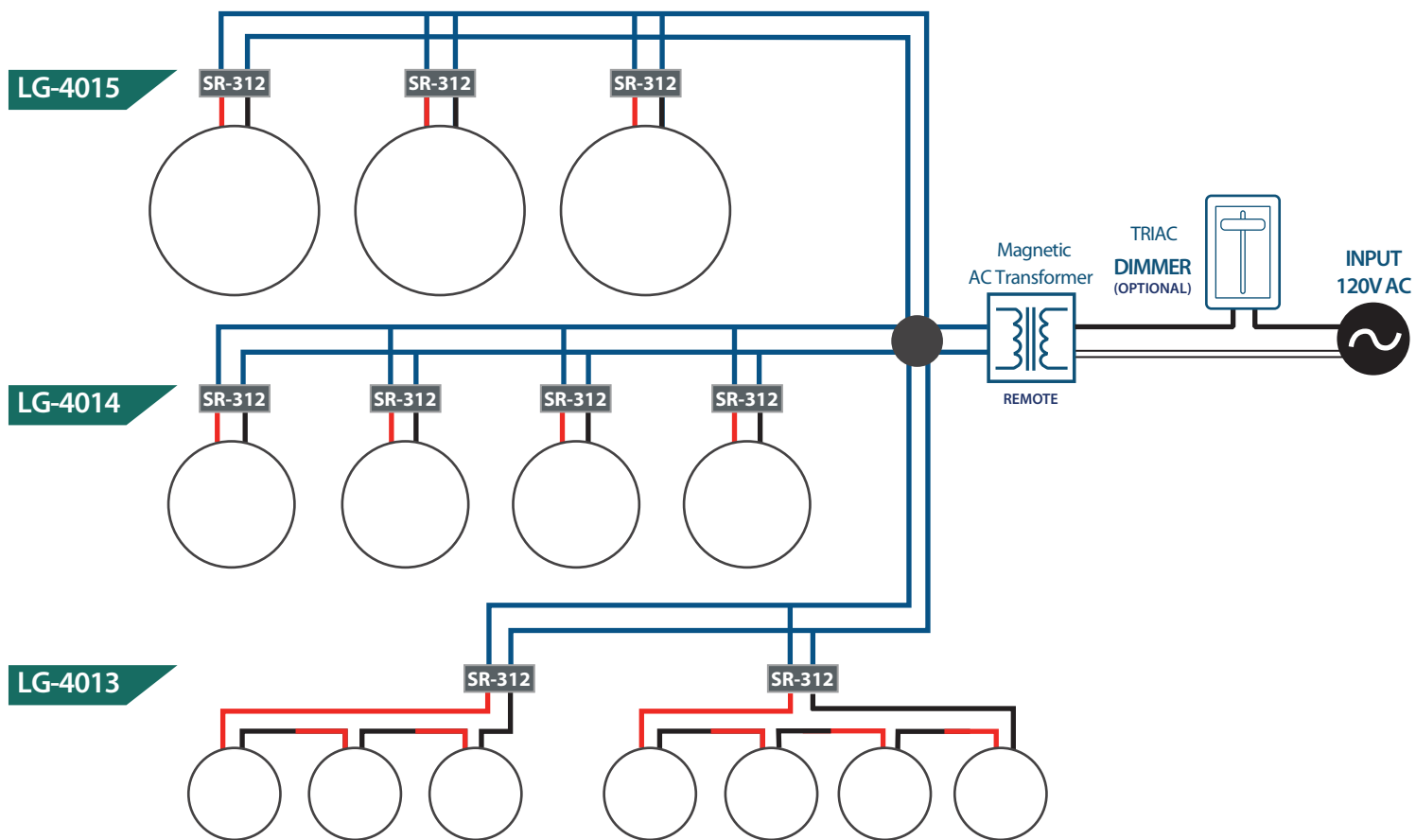


* Standard = 30K

Optional Layout



Comments:



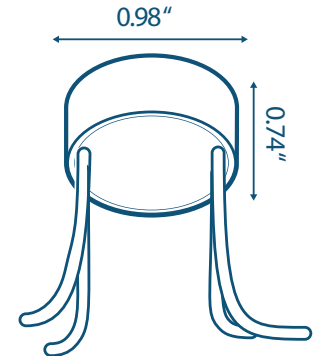
SR312 Specifications

Low Voltage Constant Current LED Driver

Product Code: SR312

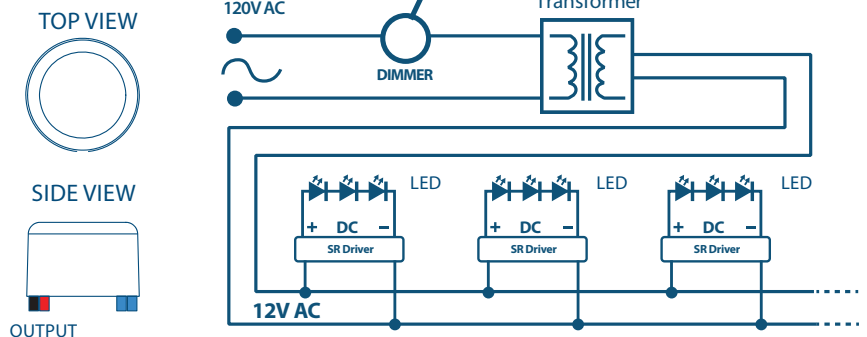
12V Low Voltage drivers have an input voltage range of 9V – 15V and are available in versions outputting 350mA, 450mA or 700mA. In addition, we offer custom calibrations to meet your needs. Because of their advanced design, they output precise current and can be used in a wide range of fixtures powering a wide range of LEDs and is compatible with existing systems fitted with magnetic transformers.

Dimmable with any standard TRIAC in-line dimmer. Their fully encapsulated form-factors are small enough for any OEM fixture. They are ideal for Landscape Lighting, Path Lighting, Area Lighting and Spotlights. Packaged in an anodized aluminum case, they are designed for outdoor and wet environments.



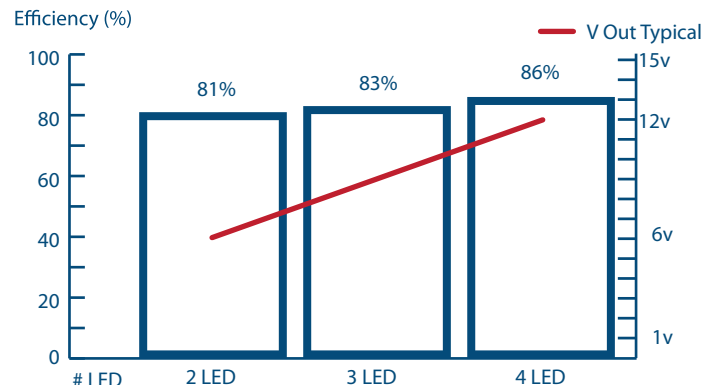
Features

- Dimmable with any standard MLV TRIAC Dimmer
- AC or DC 12V Input
- Wide voltage range 2-4 LEDs in series
- Super compact Aluminum case
- Withstands dry and damp conditions
- IP67 Class 2



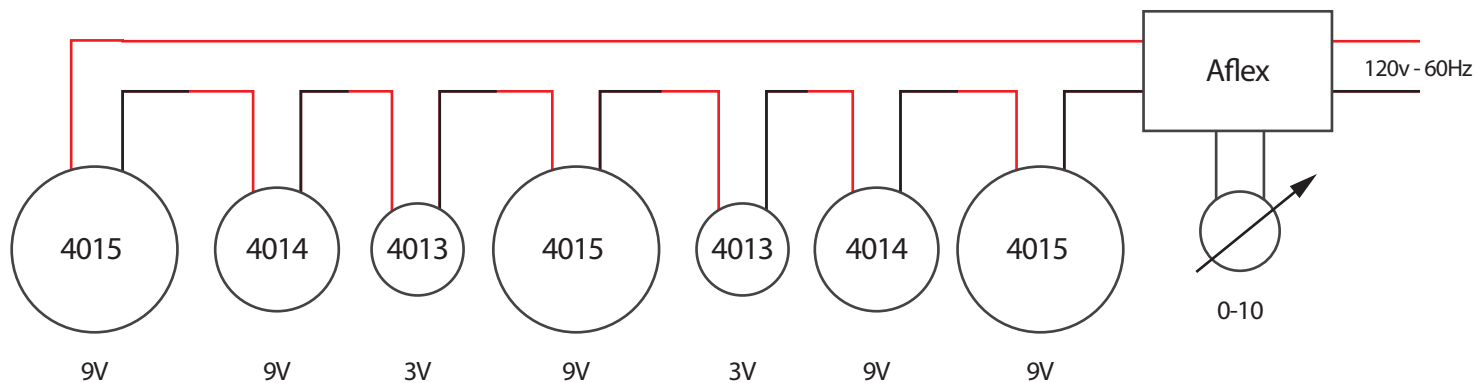
Specifications

Output Power	4.9 W Max
Output Current	350 mA
# LED (typical)	2-4 (6-12V)
Input Voltage (nominal)	12 V AC / 12V DC
Input Voltage Min	9.5 V AC/DC
Input Voltage Max	15 V AC/DC
Operation Temp.	-30°C +70°C
Dimensions L*W*H	0.98 in. x 0.98 in. x 0.74 in.
Constant Current Accuracy	± 10%
Efficiency (Typical)	83%
Working Humidity	20~95%
Storage Temp.	-40~ +90°C
Max Case Operation Temp.	<70°C
Wire Gauge (in \ out)	18AWG \ 18AWG
Safety Standards	UL8750
EMC Immunity \ Emission	Compliance to FCC Part 15B



The specifications are subject to change without notice

Optional Layout



* Load must be between 3-57 V

GENERAL

Part Number: AFLEX-xxW-□□□□-□-□□
Driver Type: Constant Current
Programming Tool: FlexTool
Software: link

SPECIFICATIONS

*Specifications are at 25°C (unless specified otherwise)

Input	
Input Voltage Range	120 - 277VAC / VDC \pm 10%
Input Frequency	50 / 60Hz
Input current	0.29A@120VAC / 0.15A@277VAC
Inrush Current	38A Max (refer to graph, page 10)
Efficiency	> 88% (refer to graph, page 6)
Power Factor	0.991@120VAC / 0.9@277VAC (refer to graph, page 7)
Output	
Output Voltage Range	3 - 57VDC
Output Current Range	100 - 1400mA (1mA step programmable)
Output Current Tolerance	\pm 5%
Output Current Ripple	\pm 5% @ max load
Line Regulation	\pm 0.5%
Load Regulation	\pm 0.5%
Turn On Delay Time	0.4 sec @ max load
Sensor Power Supply (Auxiliary)	12V up to 80mA
Stand-By Power	> 1W
Environmental	
Env. Protection Rating	IP 21 - indoor use only
Surge Protection	2.5 KV
Operating Ambient temperature	-40°C - +60°C
Operating temperature	-40°C - +75°C
Storage temperature	-40°C - +85°C
Expected life time	50K hours at 75°C (refer to graph, page 10)
EMI Compliance	FCC 47CFR Part 15 Class B
Audible Noise	< 24db Class A
Withstanding Voltage	2.5 KV

AFLEX 30W PROGRAMMABLE LED DRIVER

Dimming

Dimming Control	0-10V
Dimming input Range	-2V - +15V
Dimming Curves	Linear / Logarithmic (Programmable)
Min. Dimming level	Dim down to 0.1%
Dim to Off	Yes (Programmable)
Current Consumption	0.35mA / Source
PWM Dimming	2000Hz

LED Thermal Protection (NTC) - refer to page 8

NTC Value	Manufacturer: Vishay	15 k Ω \pm 5% @25 $^{\circ}$ c Manufacturer P/N: NTC50805E3153JMT
Output Level range	1mA step programmable (0 - 100%)	

Protections

Over Current Protection	Yes; current limit
Short Circuit Protection	Yes; hiccup mode
Over Voltage Protection	Yes; hiccup mode
Over Temperature Protection	Yes; power derating (refer to graph, page 9)
Mis-Wiring Protection	Yes; auto shutdown

Mechanical & Housing

Length	4.19" Inch (106.4mm)
Mounting Length	4.94" Inch (125.7mm)
Width	2.59" Inch (65.8mm)
Height	1.00" Inch (25.4mm)
Housing material	Aluminium
Housing Color	Blue anodized
Junction Box	No
Input Connectors type	black & white/ Wago 253, dual side / 16-20AWG strip 3/8"
Output Connectors type	red & blue / Wago 253, dual side / 16-20AWG strip 3/8"
Dimming Connectors type	purple & gray / Wago 253, dual side / 16-20AWG strip 3/8"
Auxiliary Connectors type	yellow & gray / Wago 253, dual side / 16-20AWG strip 3/8"
NTC Connectors type	orange & orange / Wago 253, dual side / 16-20AWG strip 3/8"
Mounting	Two hole flange mounting

Approval markings

Certificates/Approval signs	UL 8750 class 2, class P
-----------------------------	--------------------------

MAGNITUDE DIMMER COMPATIBILITY

The Dimmers listed below were tested with the specified Magnitude LED Driver Series. Performance of the Dimmers may vary within the same series or with different LED load types. Other dimmers may be compatible. Compatibility List may change without prior notice. Please contact Magnitude technical personnel for more information.

DIMMER	120V MAGNETIC SERIES	277V MAGNETIC SERIES	T-SERIES	E-SERIES	LinDrive SERIES	SoliDrive SERIES	CCT SERIES	AFlex SERIES
Legrand Adorne ADWR700MMTUW2	✓		✓	✓	✓		✓	
Leviton illumaTech-IP7 (Logarithmic)						✓		✓
Leviton IP710-LFZ (Linear)						✓		✓
Leviton SureSlide 6633-PLW	✓		✓	✓	✓		✓	
Leviton Vizia VPM06-1LZ	✓		✓	✓	✓		✓	
Lutron Ariadni AYLV-600P	✓		✓	✓	✓		✓	
Lutron Caseta PD-WCL	✓		✓	✓	✓		✓	
Lutron Caseta PD-10NXD	✓		✓	✓	✓		✓	
Lutron Diva DV-600P	✓		✓	✓	✓		✓	
Lutron Diva DVLV-600P	✓		✓	✓	✓		✓	
Lutron Diva for 0-10 DVSTV						✓		✓
Lutron DVSTV (Linear)						✓		✓
Lutron Maestro 0-10						✓		✓
Lutron Maestro MA-1000	✓		✓	✓	✓		✓	
Lutron Maestro MA-600	✓		✓	✓	✓		✓	
Lutron Nova N-1000	✓		✓	✓	✓		✓	
Lutron Nova N-600	✓		✓	✓	✓		✓	
Lutron Nova NTLV-1000-277		✓						
Lutron Nova NTLV-600	✓		✓	✓	✓		✓	
Lutron Nova NTLV-600-277		✓						
Lutron Nova Star NT-1PS 277VAC						✓		✓
Lutron Rotary D-600	✓		✓	✓	✓		✓	
Lutron RaidoRA2 RRD-6ND	✓		✓	✓	✓		✓	
Lutron SkyLark CTCL-153PD	✓		✓	✓	✓		✓	
Lutron SkyLark S-600	✓		✓	✓	✓		✓	
Lutron SkyLark SLV-600P	✓		✓	✓	✓		✓	
Lutron Toggler TGCL-153PH	✓		✓	✓	✓		✓	
Lutron Vario V-600	✓		✓	✓	✓		✓	
Leviton Renoir II Renoir AWSMG-MBW		✓						
Leviton Renoir II Renoir AWSMG-MDW		✓						
Wattstopper DCLV1 (Logarithmic)						✓		✓