ASTERIA 2

RECESSED ADJUSTABLE LED DOWNLIGHT

40° 360°

senso
by luminii

Asteria 2 - Recessed Adjustable LED downlight. The Asteria 2 gives you 360˚ of adjustment at a 40˚ angle. This new design allows you to choose your positioning and then lock the fixture in place. As a completely adjustable fixture, Asteria 2 is a great choice for unique designs where proper placement is critical.

Ordering Code

Fixture	**802**					
	1	2	3	4	5	6

Driver		**802**			--	--
	1	2	3	4	5	6

Product Specifications

SAMPLE: Fixture **802 - A90 - 618 - 27 - 07 - 01** | Driver **910 - 802 - STD - 120 - A90 - 07**

1 - Model	2 - CRI/LED	3 - Reflector	4 - CCT	5 - Lumen	6 - Finish	1 - Housing Style
802 · Asteria 2	**A90** · 93+ CRI Accuracy	**618** · 18˚ **630** · 30˚ **645** · 45˚ **660** · 60˚	**25** · 2500K **27** · 2700K **30** · 3000K **35** · 3500K **40** · 4000K **65** · 6500K	**07** · 700 (7.5W) **10** · 1000 (10.2W) **13** · 1300 (14W) **20** · 2000 (24W) **30** · 3000 (36W)	**01** · White **02** · Black **08** · Silver **XX** · Custom	**910** · Remote **915** · New Construction

2 - Model	3 - Driver	Dim Level			Dim Level	4 - Line Voltage	5 - LED	6 - Lumen
802 · Asteria 2	**STD** · Non Dimming **LCS** · 0 - 10 Volt Protocol **DIM** · Phase*1 **ELDOLC** · EldoLED 0 - 10 Volt*2 **DALI** · Dali Protocol*2	N/A 1% 1% 0.1% 0.1%	**LUTES** · Hilume Ecodigital*2 **LUT2W** · 2 Wire for phase*1/2 **DMX** · SENSO*2 **EMG** · Emergency Driver*2/4 **CSMB** · Casambi Wireless Control*3/4		1% 1%	**120** · 120V **277** · 277V **347** · 347V*5	Same as Fixture	Same as Fixture

*1 120V only
*2 Requires **910 -** Remote
*3 Specified separately
*4 Second driver required
*5 Not available with ELDO, Lutron or DMX

Project : _____
Quantity : _____
Type : _____
Notes : _____

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Installation

- For new and retrofit installations
- Holds in place with three friction fit spring clips
- Simple connection between fixture and driver via quick connect
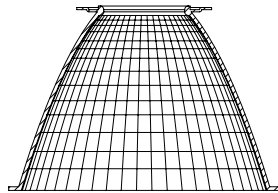- 0˚ to 30˚ adjustable tilt angle with 360˚ rotation

Construction / Finish

- Custom finishes are available
- Cast aluminum trim
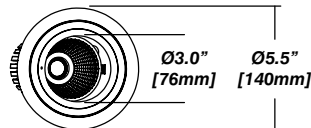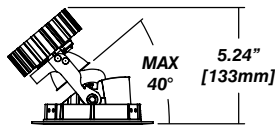- Rated for damp location
- Made in Canada

Reflector

Faceted Reflector

Senso metal spun reflectors for function, low glare and efficiency

Dimensions

Ø4.5"
[115mm]

CUT-OUT

MAX 40°

5.24"
[133mm]

Ø3.0"
[76mm]

Ø5.5"
[140mm]

Photometrics

Senso's in-house photometric testing ensures that our lighting design can match your needs precisely. Our Goniophotometer and testing lab produces on-demand photometry files based on any specified fixture, including LM-79 Test reports, IES Files, and CRI/CCT measurements. See Sensolighting.com for more information.

*Full photometric Reports and IES files available for every configuration

Color Metrics

TM 30-15

Our clients deserve the best information possible about their lighting choices. That's why Senso has invested in the Illuminating Engineering Society (IES) TM 30-15, a new system that measures an LED light source's color rendering properties. Using Senso's state-of-the-art goniophotometer, this method identifies the optimal light source for your project and helps evaluate the trade-offs between efficacy and color rendering. Senso can provide TM 30-15 data for all of our products.

*Full Color Metric Info Available at Sensolighting.com

LED Module Performance

Output: Up to 88 lumen/Watt
Efficacy: Color consistency within a 3-MacAdam Ellipse
CCT: 2500K - 6500K
Color Rendering: 90+ CRI
Min. R Values: R^g - 60 R^f - 90 R^g - 100

Driver and Power Consumption

Dimming: 1% dimming standard with 0.1% option
Casambi wireless control available
Ripple: Industry leading Low ripple
Efficiency: Power Factor >0.9
Efficiency over 85%
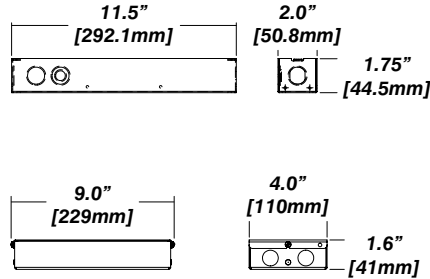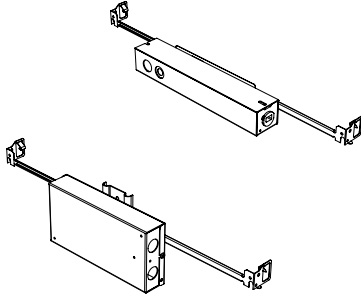Class 2 output for safety
Installation: Remote mounted

Lumen Option	700lm	1000lm	1500lm	2000lm	3000lm
Fixture Wattage	7.5W	10.2W	14W	24.9W	35.9W
Delivered Lumen	641lm	900lm	1208lm	1882lm	2938lm

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Housing Options

Standard Senso Housing - 910

Dimension

11.5"
[292.1mm]

2.0"
[50.8mm]

1.75"
[44.5mm]

9.0"
[229mm]

4.0"
[110mm]

1.6"
[41mm]

Included

Unless specified otherwise, this is provided as standard
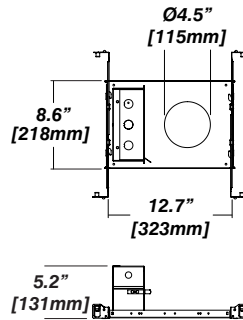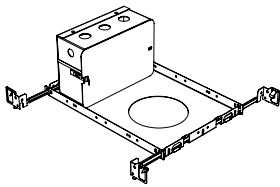
Bar hanger	•	Length: from 14-3/16" to 26"
Driver with enclosure	•	Galvanized steel enclosure
Security wire	•	Flexible aircraft cable, 12" long
	•	Easy to clip snap body included

* driver can be installed either:
(A) laying on top of ceiling. (B) mounted to the bar hanger and fixed to the ceiling. (C) remote from the fixture, with the bar hanger still used if desired to secure the fixture

New Construction - 915

Dimension

Ø4.5"
[115mm]

8.6"
[218mm]

12.7"
[323mm]

5.2"
[131mm]

Included

Plaster Frame	•	Galvanized steel construction with precise cut-out
Bar hanger	•	Length: from 14-3/16" to 26"
Security wire	•	Flexible aircraft cable, 12" long
	•	Easy to clip snap body included