



Type(s)

Project

Date

Notes

GENERAL INFORMATION

FIXTURE OVERVIEW

The Navis 100 Sidekick is a local driver designed for the Navis 100 Fixed White and Fade to Warm (FTW) luminaires. Using any line-dimmed AC power source, Sidekick presents an easy-to-use dimmable driver solution. Whether being used as a retrofit component to bring Navis into an existing installation or as a supplement to a larger Navis install with F-Drive remote drivers, the Navis 100 Sidekick provides beautifully stepless dimming throughout the complete 0% to 100% intensity range.

APPLICATIONS

- Retrofit installations for Navis 100
- Systems where centralized drivers are not preferred

PRODUCT FEATURES

- Smooth and stepless AC Line dimming
- Compatible for 100–277 VAC line voltage
- Designed for Navis 100 Fixed White and Navis 100 FTW
- Does not restrict Navis 100 pan and tilt positioning
- Mechanically attaches to Navis 100 for installation in standard Navis 100 hole size
- Plenum rated

ORDERING INFORMATION

Model Numbers

FAMILY	MODEL	LUMINAIRE TYPE	REGULATORY
ARCN - ArcSystem Navis	SK100 - Sidekick 100	WC - Fixed White FTWC - Fade to Warm	(Blank) - UL -CE - CE

Note: UL versions are provided with a pre-wired six foot (6 ft) power cord. Longer power cords are not available in compliance with the NEC.

CE versions are provided with a two meter (2 m) 1.5 mm² LSZH power cord.

PRODUCT SPECIFICATIONS

Control

Protocols	Dimming controlled via AC line dimming on primary power circuit
Dimming Resolution*	Dimming to 0.01 %
Smoothing	None
Local Control	None

Electrical

Voltage Input	100–277 VAC 50/60 Hz	
Power Factor	> 0.9	
Output Connector	Custom RJ45 connects directly to Navis 100	
Inrush	3 A at 120 V (first half-cycle) 5 A at 240 V (first half-cycle)	
Dimmer Compatibility*	Forward and reverse phase dimming	
	White	FTW
Output	600 mA	450 mA
Output Wattage	28 W	20 W
Output Connector	RJ45 plug	RJ45 plug
Max Input Current @ 100 VAC	0.30 A	0.30 A
Max Input Wattage	30 W	30 W

Thermal

Ambient Operating Temperature	0°C–40°C (32°F–104°F)
Fan (Controllable)	Convection cooled, no fans
BTUs/hour (120 V / 240 V)	102 BTU/hr

***Note:** Dimming performance depends on mains dimmer used. Only dimmers designed for LED loads should be used. For reports on ETC Dimmers, see the [ETC LED dimming compatibility database](#).

Physical

Materials	Plenum-rated enclosure
Color Options	Black
Mounting Options	Mounts directly to Navis 100 luminaire via RJ45 connection and three point screw attachment. May not be used with Navis Surface Cylinder or Pendant mounting accessories.
Cable	UL: Pre-wired six foot (6 ft) flexcon (3/8 in) CE: Pre-wired two meter (2 m) LSZH cable
IP Rating	IP-20 (dry location)
Humidity	5%–95% non-condensing
Weight	UL: 0.63 kg (1.4 lb) CE: 0.45 kg (1.0 lb)

Warranty

Driver	5 years
Warranty Details	etcconnect.com/Support/Warranty.aspx

Regulatory and Compliance

Approved Regulatory Standards	cETLus Listed Conforms to UL 8750 and CSA C22.2 No. 250.13 CE Compliant UKCA Compliant Suitable for use in air handling systems by NEC 300.22(C)(3)
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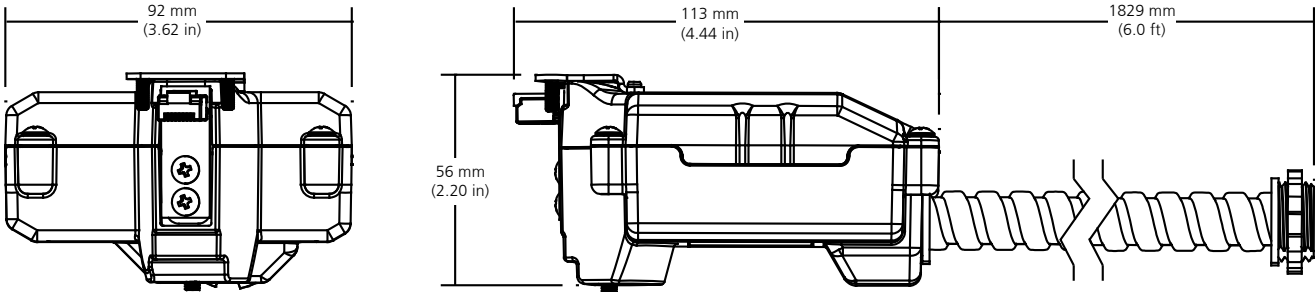
PHYSICAL INFORMATION

Navis 100 Sidekick Dimensions

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT - UL		WEIGHT - CE	
	in	mm	in	mm	in	mm	lb	kg	lb	kg
Navis 100 Sidekick**	2.20	56	3.62	92	4.44	113	1.4	0.63	1.0	0.45
Navis 100 Sidekick in box	10	254	10	254	3	76	2.0	0.90	1.6	0.73

**Does not include Navis 100 Luminaire

Navis 100 Sidekick - UL Version



Navis 100 Sidekick - CE Version

