

SWS

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Intelligent™ Parabolic Reflector LED Minibar

Communicating Class 1 LED Minibar

16310



Standard Features

- Meets or exceeds SAE J845 (2007) Class 1
- AutoDim technology with photocell and manual override
- Master/Slave Synchronizable system up to 16 lights
- Multiple user selectable flash patterns
- Superior thermal management
- Battery Check ✓™ voltage monitoring to inform user if vehicle battery drops below ideal voltage with an erratic flash pattern

Intelligent™ Parabolic Reflector LED Minibar

parabolic reflector technology provides full 360° coverage that is superior to directional LED heads found in many minibars.

Using our high quality low profile minibar housing with an extruded aluminum base and polycarbonate outer dome with U.V. inhibitors, allows us to provide you with a product that not only outshines but outlasts the competition!

- Field upgradable software
- LIN 2.0 Cluster ISO9141 compatible
- Fully encapsulated electronics
- 12 - 24 Vdc
- 0.8 - 2.5A

Ordering Information:

Model #	Description	Voltage Range	Amps	Dimensions (in) H x W	Shipping Weight
16310	Class 1 Intelligent™ Parabolic Reflector LED Minibar, amber lens, clear outer dome	12-24Vdc	0.8-2.5	3 5/8 X 16 1/2	8lb.
16311	Class 1 Intelligent™ Parabolic Reflector LED Minibar, clear lens, amber outer dome	12-24Vdc	0.8-2.5	3 5/8 X 16 1/2	8lb.
16312	Class 1 Intelligent™ Parabolic Reflector LED Minibar, amber lens, clear outer dome, mag. mt.	12-24Vdc	0.8-2.5	3 5/8 X 16 1/2	8lb.
16313	Class 1 Intelligent™ Parabolic Reflector LED Minibar, amber lens, amber outer dome, mag. mt.	12-24Vdc	0.8-2.5	3 5/8 X 16 1/2	8lb.

Intelligent™ Reflector Minibar at a Glance

- A) **LED Technology:** We use the latest LEDs from one of the largest LED manufacturers in the world. Intelligent LED minibars incorporate their modern LED technology with our intelligent software to maximize the light output for an efficient, yet very bright light. With just 30 LEDs, we meet or exceed the SAE J845 Class 1 (2007) requirement for light output.
- B) **Mechanical and Optical Design:** Intelligent™ Minibars are built with our high quality Minibar housing. It uses our anodized aluminum base and gasketed polycarbonate dome with U.V. inhibitors for protection. These minibars are built to last and will look good for years of operation. Optically, the Intelligent™ LED minibars incorporate a parabolic mirror surrounded by a complex pillow optic. This combination provides a superior light image that is bright and visible from every angle. Combine these features and you get a modern, low profile, seamless look to compliment the styling of today's fleet vehicles.
- C) **Communication:** Do you have more than one light? Do you want them to flash at the same time? Maybe at alternating times? With our i-network system, you can have up to 16 lights synchronized. Simply by connecting two separate wires all your lights will flash, dim, and switch patterns together. This has never been easier!
- D) **Upgradeable Software:** The Intelligent™ LED beacon is designed around the concept of being upgradeable. The intelligence in this light is capable of being upgraded here at the factory or remotely via factory representative. The light features a Firmware Upgrade Port for just such an occasion, which can be easily connected to our system for upgrades including flash patterns, and other new software updates. If you have health & safety or other policy changes that require a special pattern that isn't in our library, the necessary framework is in place to make it happen.
- E) **Dimming:** Is your light too bright at night? We know this one can be, so we incorporated an intelligent dimming feature into the light. An integrated sensor will automatically dim the light to 1/3 of its maximum light output. If you want to control when the light will dim, that's fine too; simply connect the light's intelligent dimming connection to a switch.
- F) **Battery Check** ✓™ : Nobody wants to idle these days. But have you ever worried about the accessories you need running draining your battery to the point where you can't restart your vehicle out in the field? The real problem is how do you know before it is too late? To combat this issue we have done two things. First, the electronics have been designed to create the most efficient way of producing a flash of light that is very bright. Second, the Intelligent LED minibar automatically monitors your vehicles battery level. If your battery voltage drops below 11.5V the light will switch to a rapid cycling pattern that will catch your attention. After re starting your vehicle, the light will return to its previous operation after the voltage returns above 12V.

