



# AS Series

## 6, 12 and 24 Volt Maintenance-Free Industrial Emergency Light

### FEATURES

#### Application

The AS provides emergency lighting for industrial applications. The AS offers high capacity for higher lamp wattages and remote capability. Offered with 6, 12 and 24 VDC selection, 80-360 watts of capacity and multiple lamp wattages. The NEMA 1 steel housing provides strength and durability. Internal circuit easily accessed through piano-hinged cover.

#### Construction

Heavy duty 20 gauge (.036") steel with piano-hinged cover. Standard lamp-heads in injection molded flame retardant, UV stabilized thermo-plastic. Aluminum lamp-heads offered as optional. Housing and lamp-heads in black color.

#### Installation

Mount directly to the wall by means of two key-hole slots. An accessory bracket, Part Number WB-6 or shelf, Part Number 6000 can also be used. Knock-outs are provided for right side conduit entry in 1/2" or 3/4". There is also a strain-relief knock-out for optional 3-conductor cord. Wiring terminals and fused distribution board for remote heads located inside of housing. Pre-stripped transformer leads provided.

#### Illumination

6 and 12 VDC models provided with 7.2 watt lamp as standard. 24 VDC model provided with 9 watt lamp as standard. Optional lamp wattages available as shown in the Ordering Guide.

#### Compliances

UL listed to UL924 Standard  
NFPA 101 Life Safety Code

Catalog Number	
Comments	Type



### ORDERING GUIDE

AS	180	-12V	I	-V	-AHDSB1250																																																																								
Series	Housing Capacity	Output Voltage	Self-Diagnostics	Options	Optional Lamps																																																																								
	<b>80</b> 80 Watts <b>130</b> 130 Watts <b>180</b> 180 Watts <b>270</b> 270 Watts <b>360</b> 360 Watts	<b>Blank</b> 6 Volt <b>-12V</b> 12 Volt <sup>1</sup> <b>-24V</b> 24 Volt <sup>1</sup>	<b>Blank</b> None <b>I</b> Spectron® Self-Diagnostic Electronics <sup>2</sup>	<b>-V</b> Voltmeter <b>-3</b> 3 Lamp-heads <b>-1</b> 1 Lamp-head <b>-0</b> No Lamp-heads <b>-C</b> Ammeter <sup>3</sup> <b>-A31</b> 120VAC 3 cond. cord set, 3' long <b>-A32</b> 277VAC 3 cond. cord set, 3' long	<table border="1"> <thead> <tr> <th colspan="2">Thermoplastic Lamp-Head</th> <th colspan="2">Aluminum Lamp-Head</th> </tr> <tr> <th>Model No.</th> <th>VDC Watts</th> <th>Model No.</th> <th>VDC Watts</th> </tr> </thead> <tbody> <tr> <td>SRHSB0607</td> <td>6 7.2</td> <td>AHDSB0607</td> <td>6 7.2</td> </tr> <tr> <td>SRHSB0608</td> <td>6 8.0<sup>4</sup></td> <td>AHDSB0608</td> <td>6 8.0<sup>4</sup></td> </tr> <tr> <td>SRHSB0612</td> <td>6 12.0<sup>4</sup></td> <td>AHDSB0612</td> <td>6 12.0<sup>4</sup></td> </tr> <tr> <td>SRHSB0618</td> <td>6 18.0</td> <td>AHDSB0618</td> <td>6 18.0</td> </tr> <tr> <td>SRHSB0620</td> <td>6 20.0<sup>4</sup></td> <td>AHDSB0620</td> <td>6 20.0<sup>4</sup></td> </tr> <tr> <td>SRHSB0625</td> <td>6 25.0</td> <td>AHDSB0625</td> <td>6 25.0</td> </tr> <tr> <td>SRHSB1207</td> <td>12 7.2</td> <td>AHDSB1207</td> <td>12 7.2</td> </tr> <tr> <td>SRHSB1208</td> <td>12 8.0<sup>4</sup></td> <td>AHDSB1208</td> <td>12 8.0<sup>4</sup></td> </tr> <tr> <td>SRHSB1212</td> <td>12 12.0<sup>4</sup></td> <td>AHDSB1212</td> <td>12 12.0<sup>4</sup></td> </tr> <tr> <td>SRHSB1218</td> <td>12 18.0</td> <td>AHDSB1218</td> <td>12 18.0</td> </tr> <tr> <td>SRHSB1225</td> <td>12 25.0</td> <td>AHDSB1225</td> <td>12 25.0</td> </tr> <tr> <td>SRHSB1235</td> <td>12 35.0</td> <td>AHDSB1235</td> <td>12 35.0</td> </tr> <tr> <td></td> <td></td> <td>AHDSB1250</td> <td>12 50.0<sup>4</sup></td> </tr> <tr> <td></td> <td></td> <td>AHDSB2413</td> <td>24 13.0</td> </tr> <tr> <td></td> <td></td> <td>AHDSB2418</td> <td>24 18.0</td> </tr> <tr> <td></td> <td></td> <td>AHDSB2428</td> <td>24 28.0</td> </tr> </tbody> </table>	Thermoplastic Lamp-Head		Aluminum Lamp-Head		Model No.	VDC Watts	Model No.	VDC Watts	SRHSB0607	6 7.2	AHDSB0607	6 7.2	SRHSB0608	6 8.0 <sup>4</sup>	AHDSB0608	6 8.0 <sup>4</sup>	SRHSB0612	6 12.0 <sup>4</sup>	AHDSB0612	6 12.0 <sup>4</sup>	SRHSB0618	6 18.0	AHDSB0618	6 18.0	SRHSB0620	6 20.0 <sup>4</sup>	AHDSB0620	6 20.0 <sup>4</sup>	SRHSB0625	6 25.0	AHDSB0625	6 25.0	SRHSB1207	12 7.2	AHDSB1207	12 7.2	SRHSB1208	12 8.0 <sup>4</sup>	AHDSB1208	12 8.0 <sup>4</sup>	SRHSB1212	12 12.0 <sup>4</sup>	AHDSB1212	12 12.0 <sup>4</sup>	SRHSB1218	12 18.0	AHDSB1218	12 18.0	SRHSB1225	12 25.0	AHDSB1225	12 25.0	SRHSB1235	12 35.0	AHDSB1235	12 35.0			AHDSB1250	12 50.0 <sup>4</sup>			AHDSB2413	24 13.0			AHDSB2418	24 18.0			AHDSB2428	24 28.0
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Ordering Notes:

<sup>1</sup>Available on AS180, AS270 and AS360

<sup>2</sup>Not available with -24V models

<sup>3</sup>Not available with AS80 mode

<sup>4</sup>Halogen lamp

### ACCESSORIES - Order Separately

#### Model Description

- 40G** Wire Guard
- WB6** Wall Mount Bracket (All models)
- L6** Mounting Shelf (AS80 or AS130 only)
- 6000** Heavy Duty Mounting Shelf (AS180 through AS360)



Hubbell Lighting, Inc.



# AS Series

6, 12 and 24 Volt Maintenance-Free Industrial Emergency Light

## UNIT SPECIFICATIONS

Standard Model	DC Volts	Standard Lamp	Total Watts For:				Unit Weight
			1½ Hours	2 Hours	3 Hours	4 Hours	
AS80	6	7.2W	80	62	43	33	24.0 lbs.
AS130	6	7.2W	130	101	70	54	30.0 lbs.
AS180-12V	12	7.2W	180	144	112	77	40.0 lbs.
AS270-12V	12	7.2W	270	227	168	116	53.0 lbs.
AS360-12V	12	7.2W	360	288	230	172	60.0 lbs.
AS180-24V	24	9W	180	144	112	77	40.0 lbs.
AS270-24V	24	9W	270	227	168	116	53.0 lbs.
AS360-24V	24	9W	360	288	230	172	60.0 lbs.

## SPECIFICATIONS

### Standard Lamps

Provided with 7.2 watt incandescent PAR 36 sealed beam type lamps in 6 or 12 VDC. Units with a 24VDC output rating are provided with 9 watt incandescent PAR 36 sealed beam type lamps.

### Electronics

Dual voltage input of 120/277VAC, 60 Hz. Includes a fully automatic constant voltage, current limited charger with transformer isolation and low battery voltage disconnect. Transfer contact through electric relay. Power distribution made with fused leads through internally located distribution board. Test initiated by means of integral test switch. AC-on indicated by LED. AC lock out provision prevents discharge of battery at installation until power is present. Maximum power consumption of 20 watts for the AS80. All other unit capacities are 75 watts maximum.

### Optional Spectron® Self-Test/Self Diagnostics

Provides automatic flashing fault detection for battery, charger, transfer circuit and lamps. Conducts automatic 1-minute self-test every 28 days and a 30-minute self-test every 6 months. Automatic transfer for brownout conditions and 15-minute retransfer delay. Test switch allows for initiation of a 1, 5, 30 or 60-minute system check. Routine discharge cycles insure optimum battery performance. Meets UL standards for self-testing.

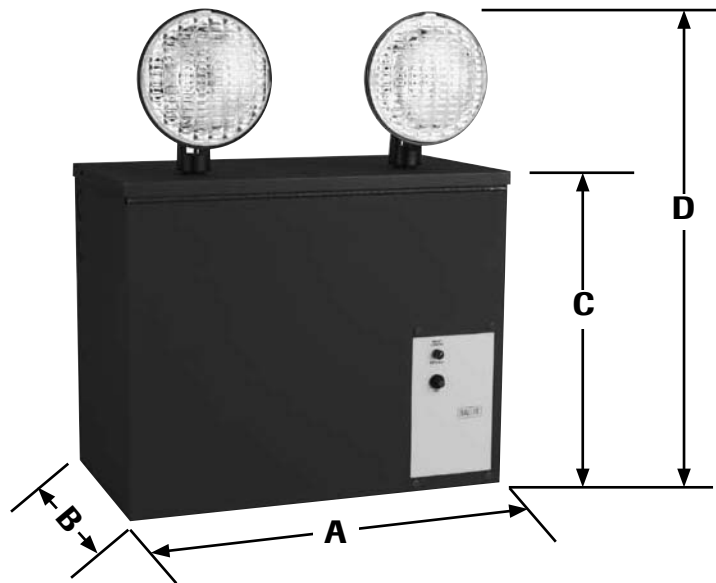
### Battery

Maintenance-Free Lead Calcium with battery recharge per UL time standards.

### Operating Temperature

20°C to 30°C (68°F to 86°F)

## DIMENSIONS



### Enclosure

Gauge	A	B	C	D
20 Ga. (.036")	14" 35.5 cm	8" 20.3 cm	11.5" 29.2 cm	18.75" 47.6 cm