

# Nightlight Combination Devices

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Patrol™ Wallbox Dimmable Nightlight

Single-Pole Switch,  
2-Pole 3-Wire Receptacle; NEMA 5-15R, 5-20R  
1W Nightlight  
120V/AC

### PATROL Nightlight

#### FEATURES

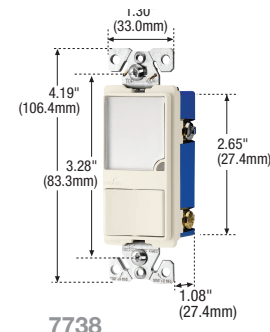
- Nightlight is dimmable to desired setting
- Nightlight is controlled by a photo sensor that turns on in the dark, off in light
- Easily disable photo sensor for Hi/Med/Low/Off settings
- Tamper Resistant Shutters provide compliance with 2011 NEC® Article 406.12 that states that all 15A and 20A, 125V receptacles installed in dwelling units must be tamper resistant (TR7735 and TR7736)
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Thermoplastic top and back-body are virtually unbreakable to deliver years of durable performance
- Steel mounting strap is zinc-plated for added corrosion resistance
- Ultrasonic welding and integrated construction of the strap and body provide superior ground integrity even under heavy use
- Convenient built-in wire strippers speed installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG
- Triple wipe blade contacts and double wipe ground contacts to ensure long-term plug retention (TR7735 and TR7736)
- Tri-combo screw heads offer greater installation flexibility

### Combination LED Wallbox Nightlight with Switch

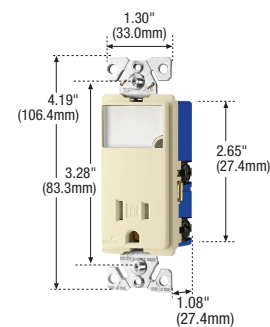
1W 120V/AC Nightlight, Back & Side Wire



Rating	Description	Color Suffix	Catalog No.
15A 120V/AC	One Single-Pole Switch with Nightlight	A, LA, V, W	□ 7738



7738



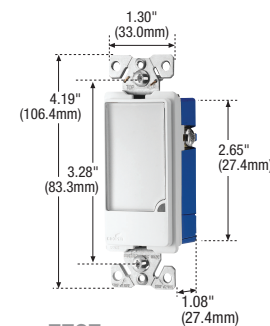
TR7735

### Combination LED Wallbox Nightlight with Receptacle

1W 120V/AC Nightlight, Back & Side Wire



Rating	Description	Color Suffix	Catalog No.
15A 125V/AC	Nightlight with Single Tamper Resistant NEMA 5-15R 2-Pole, 3-Wire Receptacle	A, LA, V, W	□ TR7735
20A 125V/AC	Nightlight with Single Tamper Resistant NEMA 5-20R, 2-Pole, 3-Wire Receptacle	A, LA, V, W	□ TR7736



7737

### Full LED Wallbox Nightlight

1W 120V/AC Nightlight, Back & Side Wire



Description	Color Suffix	Catalog No.
Full Nightlight	A, LA, V, W	□ 7737

#### Color Ordering Information:

For ordering devices, include Cat. No. followed by the color code: A (Almond), LA (Light Almond), V (Ivory), W (White)

#### TESTING & CODE COMPLIANCE

- 7738: cULus Listed to UL20, file no. E18704
- TR7735: cULus Listed to UL20, file no. E15058
- 7737: cULus Listed to UL20, file no. 344295

#### MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

# Nightlight Combination Devices Specification & Performance Data

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## Patrol™ Wallbox Dimmable Nightlight

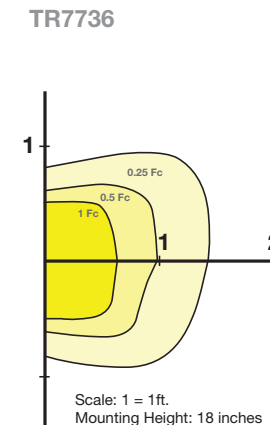
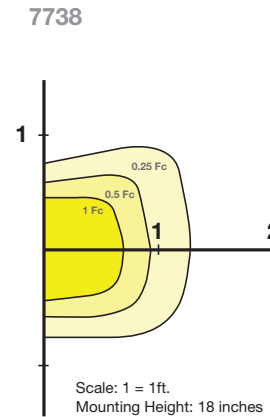
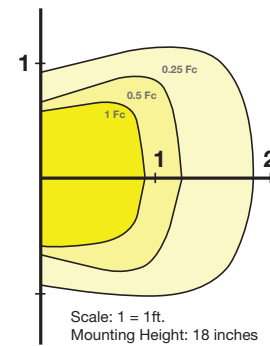
Single-Pole Switch,  
2-Pole 3-Wire Receptacle; NEMA 5-15R, 5-20R  
1W Nightlight  
120V/AC

### Application

Arrow Hart's Patrol line of dimmable wallbox nightlights is the only combination nightlight device on the market that allows for dimming to set the perfect level of light desired. Patrol offers improved way finding and safe navigation in dimly lit rooms and the nightlights are also automated, using a light-sensor to automatically turn the nightlight ON and OFF. The Patrol nightlight series has many possible applications in both residential and commercial settings including bedrooms, bathrooms, kitchens, children's rooms, hotel rooms, dormitories and assisted living facilities. The 7737 full nightlight devices can also be wired in a series and controlled by a switch for applications such as hallways or stairways.

	Device Type	Combination LED Nightlight Switch, 7738	Combination LED Nightlight Receptacle (15A, 20A), TR7735 and TR7736	Full Nightlight, 7737
	Wiring Type	Back & side wire	Back & side wire	Back & side wire
	Testing & Code Compliance	• cULus Listed to UL1472, file no. E47967	• cULus Listed to UL1472, file no. E47967	• cULus Listed to UL1472, file no. E47967
Specifications: Environmental	Flammability	Flammability meets UL 94 requirements; V2 rated.	Flammability meets UL 94 requirements; V2 rated.	Flammability meets UL 94 requirements; V2 rated.
	Temperature Rating	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Specifications: Electrical	Dielectric Voltage	Switch withstands 1500V per UL20	Receptacle withstands 2000V per UL498.	1240V per UL1598
	Temperature Rise	Max 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC).	Max. 30°C (86°F)
	Current interrupting	Yes, at full-rated current.	Yes, at full-rated current.	Yes, at full-rated current.
Specifications: Mechanical	Wiring Types	Single-pole	NA	NA
	Base Device Terminal Accommodation	#14 - #12 AWG	#14 - #12 AWG	#14 - #12 AWG
	Voltage Ratings	Permanently marked on device.	Permanently marked on device.	Permanently marked on device.
Materials:	Face	PVC	PVC	PVC
	Base	PVC	PVC	PVC
	Backlight	PC	PC	PC
	Strap	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated
	Auto Ground Clip	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
	Line Contacts	0.030" thick brass	0.030" thick brass	0.030" thick brass
	Ground Contacts	NA	0.030" thick double wipe brass	NA
	Terminal Screws	#8-32 steel, brass plated	#8-32 steel, brass plated; neutral screw nickel plated	#8-32 steel, brass plated; neutral screw nickel plated
	Ground Screw	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green
illumination:	Light Source	3 LED's, 140 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life	3 LED's, 140 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life	3 LED's, 140 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life

### Nightlight Photometric Data



Specifications subject to change without notice.