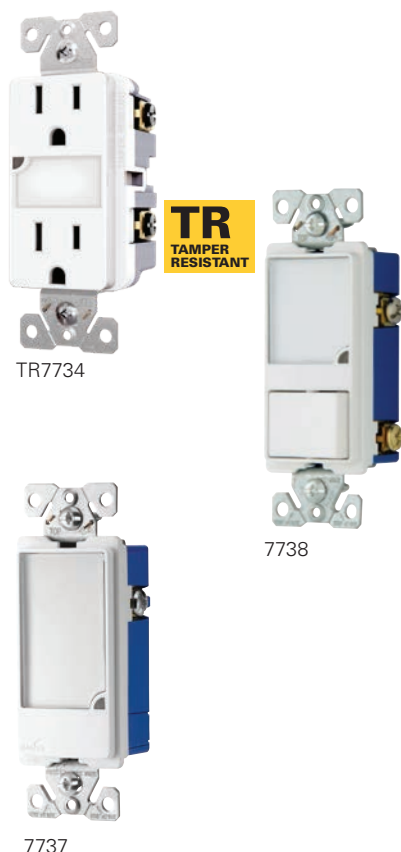


# Combination nightlights

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



## Description

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



## Design 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 comply with 2020 NEC Article 406.12 that states that all 15A 125V receptacles installed in dwelling units must be tamper resistant (TR7734)
- Duplex receptacle nightlight features ability to change the color temperature emitted from the LED light
- 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 (TR7734)
- Tri-combo screw heads offer greater installation flexibility

**Table 1. LED nightlight combination with tamper resistant duplex receptacle**



A	Rating V/AC	W	Description	Color suffix	Catalog no.
15	125/277	1	Tamper resistant duplex receptacle with nightlight, back & side wire	LA, W	<input type="checkbox"/> TR7734__

cULus Listed to UL20, file no. E18704; NOM certified

**Table 2. LED nightlight combination with switch**



A	Rating V/AC	W	Description	Color suffix	Catalog no.
15	120	1	One single pole switch with nightlight, back & side wire	BK, LA, V, W	<input type="checkbox"/> 7738__

cULus Listed to UL20, file no. E18704; NOM certified

**Table 3. Full LED nightlight**



A	Rating V/AC	W	Description	Color suffix	Catalog no.
120	1		Full hallway nightlight, back & side wire	BK, LA, V, W	<input type="checkbox"/> 7737__

cULus Listed to UL1598, file no. E334295; NOM certified

# EATON

Powering Business Worldwide

Compliances, specifications and availability are subject to change without notice.

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

## Applications

Arrow Hart's 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. These nightlights offer improved ways of finding and safe navigation in dimly lit rooms and are also automated, using a light-sensor to automatically turn the nightlight ON and OFF. This 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.

**Table 4. Specifications**

Catalog no.	7738 Series	TR7734 Series	7737 Series
Device type	Combination LED nightlight switch	Combination LED nightlight and duplex receptacle (15A)	Full nightlight
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus listed to UL1472, file no. E47967	• cULus listed to UL498, file no. E15058	• cULus listed to UL1472, file no. E47967
Environmental specifications	<b>Flammability:</b> meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)	<b>Flammability:</b> meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -17°C to 4°C (0°F to 40°F) - Ratings based on indoor use only	<b>Flammability:</b> meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)
Electrical specifications	<b>Dielectric voltage:</b> switch withstands 1500V per UL20. <b>Temperature rise:</b> max 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing <b>Current interrupting:</b> yes, at full-rated current	<b>Dielectric voltage:</b> receptacle withstands 2000V per UL498 <b>Temperature rise:</b> max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC). <b>Current interrupting:</b> yes, at full-rated current.	<b>Dielectric voltage:</b> 1240V per UL1598 <b>Temperature Rise:</b> max. 30°C (86°F) <b>Current interrupting:</b> yes, at full-rated current.
Mechanical specifications	<b>Wiring types:</b> Single-pole <b>Base device terminal accommodation:</b> #14 - #12 AWG <b>Voltage ratings:</b> permanently marked on device	<b>Wiring types:</b> NA <b>Base device terminal Accommodation:</b> #14 - #12 AWG <b>Voltage ratings:</b> permanently marked on device	<b>Wiring types:</b> NA <b>Base device terminal accommodation:</b> #14 - #12 AWG <b>Voltage ratings:</b> permanently marked on device

**Table 5. Materials**

Catalog no.	7738 Series	TR7734 Series	7737 Series
Face	PVC	PVC	PVC
Base	PVC	PBT	PVC
Backlight	PC	PC	PC
Strap	0.045" thick steel, zinc plated	0.047" 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

**Table 6. Illumination**

Catalog no.	7738 Series	TR7734 Series	7737 Series
Light source	3 LED's, 3.15 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life	2 LED's, 2.63 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life, Color temperature options of 2700K, 4000K, and 6500K	3 LED's, 2.39 Max lumens output, 1Fc @ 0.9 ft., 50,000 hours lamp life

**Table 7. Color ordering information**



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



<b>BK</b>	<b>LA</b>	<b>V</b>	<b>W</b>
Black	Lt. Almond	Ivory	White

Note: TR7734 is only available in LA (Light Almond), and W (White)

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

Certifications & compliances

Catalog No.		
7738	•	•
TR7734	•	•
7737	•	•

KEY:  cULus  NOM certified

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