

Colored lens strobe appliances



Description

Wheelock colored lens strobe notification appliances—strobes, horn strobes^①, speaker strobes, and multi-tone strobes—are built with the same high quality circuits and parts used in the Wheelock life safety strobes and speakers. These are available with clear, amber or blue lenses, with other colors available through special order. The colored lens strobe products are listed under UL Standard 1638 for general signaling and the amber lenses have been tested to meet UL 1971 light distribution. These appliances are suitable for indoor applications, with specific models available for outdoor and weatherproof applications. The indoor models can be wall or ceiling mounted (model dependent) to standard electrical boxes or to Wheelock's surface mount boxes. The outdoor models can be wall mounted to standard electrical boxes using the WFP adapter or to Wheelock's surface mount boxes. The RSS models have an integrated strobe mounting plate that can be mounted to standard electrical boxes or to Wheelock's surface mount boxes.

Audible strobe appliances can be field set to provide either High (HI) dBA, Medium (MED) dBA or Low (LO) dBA sound output. Speaker strobes have field-selectable input voltage of 25/70 VRMS and field selectable taps of 1/8, 1/4, 1/2, 1 and 2 watts. The E70-24MCC and E90-24MCC multi-candela provides four selectable light output intensities in one unit and incorporates a speaker mounting plate attached to the speaker for ease of installation. Weatherproof speaker strobes have field-selectable taps of 1/8, 1/4, 1/2, 1, 2, 4, and 8 watts.

All inputs are compatible with standard supervision of circuit wiring by an FACP and provide a synchronized strobe appliance when used in conjunction with Dual Sync Module (DSM) or Wheelock power supplies with patented sync protocol.

Other Wheelock signaling products can be provided with colored lens strobes; contact Customer Service for availability.

Model type	Intensity options
Colored lens	Multi-candela models with four field selectable settings: 15/30/75/95cd
Amber lens	Multi-candela models with four field selectable settings: 11/22/56/82cd
High ceiling mount	Field selectable for 115 or 177 cd

Applications

The Wheelock colored lens strobe products are designed for effective alerting of employees or personnel in industrial, military or government applications. They are ideal for complying with the UFC (United Facilities Criteria) for mass notification systems and for emergency, warning or trouble notification in many industrial operations.

^① Horn strobes incorporate a temporal pattern (specified by ANSI/NFPA for standard emergency evacuation signaling.) The temporal pattern should be used only for fire evacuation signaling and not for any other purpose.



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Table 7. Specification and ordering information^①

Model Number	Order Code	Lens Color	Base Color ^②	Lettering Color ^③	Strobe Candela ^④	Mounting	Indoor or Weatherproof	Agency Approval
RSSWPR-24MCCH-NW	CN106161	Red	White	—	115/177 ^⑤	Ceiling/Wall	Weatherproof	UL
RSSWPR-2475W-NR	CN125215	Red	Red	—	30 ^⑤	Wall	Weatherproof	UL
RSSWPB-24MCCH-NW	CN106159	Blue	White	—	115/177 ^⑤	Ceiling/Wall	Weatherproof	UL
RSSWPA-24MCCH-NW	CN106158	Amber	White	—	115/177 ^⑤	Ceiling/Wall	Weatherproof	UL
RSSWPA-2475W-NW	CN120240	Amber	White	—	30 ^⑤	Ceiling/Wall	Weatherproof	UL
RSSWPA-2475W-ALW	CN125214	Amber	White	Red	56	Wall	Weatherproof	UL, FM
RSSWPA-2475C-ALW	CN124800	Amber	White	Red	56	Ceiling	Weatherproof	UL, FM
RSSR-24MCC-NW	CN125917	Red	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL
RSSPA-24MCW-ALW	CN106093	Amber	White	Red	15/30/75/110	Wall	Indoor	UL, FM
RSSPA-24MCC-NW	CN103308	Amber	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL
RSSG-24110W-NW	CN120099	Green	White	—	110	Ceiling/Wall	Indoor	UL
RSSB-24MCW-NW	CN122401	Blue	White	—	15/30/75/110	Ceiling/Wall	Indoor	UL
RSSB-24MCC-NW	CN120203	Blue	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL
RSSB-24MCCH-NW	CN106154	Blue	White	—	115/177	Ceiling/Wall	Indoor	UL
RSSB-24110W-NW	CN120100	Blue	White	—	15/30/75/110	Ceiling/Wall	Indoor	UL
RSSA-24MCW-NW	CN124829	Amber	White	—	15/30/75/110	Ceiling/Wall	Indoor	UL
RSSA-24MCW-ALW	CN124019	Amber	White	Black	15/30/75/110	Wall	Indoor	UL, FM
RSSA-24MCW-ALW	CN102971	Amber	White	Red	15/30/75/110	Wall	Indoor	UL
RSSA-24MCC-NW	CN120202	Amber	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL
RSSA-24MCC-ALW	CN128013	Amber	White	Red	15/30/75/95	Ceiling	Indoor	UL
MTWPR-24MCCH-NW	CN106174	Red	White	—	115/177 ^⑤	Ceiling/Wall	Weatherproof	UL
MTWPB-24MCCH-NW	CN106172	Blue	White	—	115/177 ^⑤	Ceiling/Wall	Weatherproof	UL
MTWPB-2475W-NW	CN121652	Blue	White	—	30 ^⑤	Ceiling/Wall	Weatherproof	UL
MTWPA-2475W-NW	CN121649	Amber	White	—	30 ^⑤	Ceiling/Wall	Weatherproof	UL
MTB-24MCW-NW	CN124731	Blue	White	—	15/30/75/110	Ceiling/Wall	Indoor	NA
MTB-24MCCH-NW	CN106168	Blue	White	—	115/177	Ceiling/Wall	Indoor	NA
MTA-24MCCH-NW	CN106167	Amber	White	—	115/177	Ceiling/Wall	Indoor	NA
ET70WPA-2475W-ALW	CN110275	Amber	White	Red	56	Ceiling	Weatherproof	UL, FM
E90B-24MCC-NW	CN110214	Blue	White	—	15/30/75/95	Wall	Indoor	UL
E90A-24MCC-ALW	CN115900	Amber	White	Black	15/30/75/95	Ceiling	Indoor	UL, FM
E70A-24MCW-ALW	CN117203	Amber	White	Red	15/30/75/110	Wall	Indoor	UL, FM
E60A-24MCC-ALW	CN112967	Amber	White	Red	15/30/75/95	Ceiling	Indoor	UL
E50A-24MCW-ALW	CN113782	Amber	White	Red	15/30/75/95	Wall	Indoor	UL
ASB-24MCC-NW	CN106164	Blue	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL
ASA-24MCC-NW	CN106162	Amber	White	—	15/30/75/95	Ceiling/Wall	Indoor	UL

① The list of model numbers in not all inclusive. If you are interested in a specific model number that is not listed, please contact customer service.

② Models available with red base; may be subject to minimum quantity order.

③ Models available with no lettering; may be subject to minimum quantity order.

④ Candela ratings in the above table are per UL 1971 and are based on clear lenses. Models with 15/30/75/95 have 4 field-selectable candela settings, and models with 115/177 have 2 field-selectable candela settings. Intensity ratings are for clear lens—derate approximately 25% for amber, 55% for green, 70% for blue lenses, and 80% for red lenses.

⑤ 30 Candela weatherproof models provide 30cd per UL 1971, 75 candela on axis at -31°F and 185 candela on axis at 77°F per UL 1638.

⑥ 115/177 candela weatherproof models provide 115/177cd per UL 1971 and 50/75cd at -31°F per UL 1638 (with UL 1971 light dispersion).