

- Wattage (or VA) rating of an integral current limiter controlling the track system, or
- 15 watts per linear foot of the track

For branch circuits with multiple tracks, with every track equipped with an integral current limiter, the rating shall be the higher of 15 watts per linear foot or the sum of the wattage (or VA) rating of all current limiters controlling the tracks. For branch circuits that have a mix of tracks with and without current limiters, the wattage of the tracks without integral current limiters shall be determined by method 2 below.

2. The higher of 45 W per linear foot of the track or total wattage of all of the luminaires included in the system. Determine the wattage of each luminaire (track head) according to § 130 (c) of the Standards. Luminaire wattage for incandescent track heads shall meet the requirements of S § 130 (c) 1, based on the maximum relamping rated wattage as listed on a permanent factory-installed label. Luminaire wattage for fluorescent and high intensity discharge (HID) track heads shall meet the requirements of § 130 (c) 2, based on the operating input wattage of the rated lamp/ballast combination. Luminaire wattage for low-voltage track heads (when mounted on line-voltage track) shall meet the requirements of § 130 (c) 5, based on the maximum rated wattage of the transformer on each track head. This method applies to single and multi circuit track.

When using an integral current limiter, such device shall be permanently attached to or an integral part of the track. The VA rating of the current limiter shall be clearly marked on the device and readily available for the building officials' field inspection without opening coverplates, fixtures or panels. Access to wiring connections shall employ tamper resistant hardware and a conspicuous label shall be permanently affixed to the wiring compartment warning against removing, tampering with, rewiring, or bypassing the device.

If a current limiter is used to achieve compliance for tracks, the manufacturer of the current limiting device must certify to the commission that the device complies with all of the applicable requirements of Standards §130 (c) 3 and Section 5.4.3 of this manual, Determining Luminaire Wattage.

Low-Voltage Tracks

Low-voltage tracks, cable conductors, rail conductors, and other low voltage flexible lighting systems which are serviced through permanently installed transformers must use the specified rated wattage of the transformer feeding the system, as shown on a permanent factory-installed label per UL-1574 or UL-1598, as the actual lighting power of the track.

In some situations, extra length of track is desired to provide greater flexibility in locating lighting fixtures. In these cases, the designer can limit the actual lighting power by providing interlock switching that limits the circuits (and therefore the electric capacity) of track lighting that can be operated simultaneously.