HÄFELE LIGHTING REFERENCE GUIDE

COMPLIANCE WITH ELECTRICAL CODES

Häfele is committed to producing, marketing and selling products that meet or exceed all relevant safety standards for the industry.

Häfele Lighting products are designed and manufactured to achieve the most relevant standard in the United States, as defined by Underwriters Laboratory (UL), UL2108 (Standard for Safety Low Voltage Lighting Systems). All Häfele branded low voltage lighting products are UL listed to the 2108 standard as components and together as a system.

- UL2108 applies to low voltage lighting systems and components intended for permanent installation and use in locations following the National Electrical Code (NEC), NFPA 70, Article 411 (Lighting Systems Operating at 30 Volts or Less and Lighting Equipment Connected to Class 2 Power Sources)

- The UL2108 listing of low voltage lighting products is also relevant when our customers want to comply with other standards such as UL962 for residential and commercial furnishings, UL970 for commercial display cases and UL1286 for office furnishings. These standards are only referenced as examples and are not meant to be an exhaustive list of potential requirements to consider in applying low voltage lighting systems.

- Compliance with relevant standards and codes is the responsibility of our customers when using the Häfele low voltage lighting systems, and it is the installer's responsibility to ensure the lighting is applied correctly, safely and in compliance with all applicable codes.

- Many local electrical code interpretations exist in the United States, and it is advisable to proactively understand these nuances before installing low voltage lighting in construction or furniture products.

- In jurisdictions where the NEC Article 410 (Luminaires, Lampholders and Lamps) applies, care must be taken in selecting the correct placement and/or luminaire. Consider the following points in particular when using luminaires in a clothes closet:

    - All Häfele Lighting luminaires are suitable for use in clothes closet spaces, provided installation satisfies the required location constraints of NEC Article 410.16C (Luminaires in Clothes Closets-Location).

    - LED strip lights must always be installed within a linear profile with a lens and endcaps to ensure that the LED light source is enclosed and cannot be contacted.

    - If luminaires are to be installed in a location that may place them in direct contact with items stored in the closet or storage space, they are required to pass an additional test under the standard UL1598 (Standard for Safety- Luminaires). This is an additional requirement contained in the UL2108 listing, which as previously outlined, is the general certification making the luminaires suitable for installation in the storage area of a clothes closet.

    - The Häfele Lighting low voltage lighting system has the following families of product that meet the additional UL1598 test standard for more flexible use within closet or storage space:

Linear luminaire models

Model 1200	Model 1304	Model 3040	Model 3103
Model 1201	Model 1305	Model 3041	Model 3104
Model 1202	Model 2060	Model 3042	Model 3105
Model 1203	Model 2061	Model 3044	Model 3106
Model 1204	Model 2065	Model 3045	Model 3107
Model 1205	Model 2068	Model 3047	Model 3108
Model 1210	Model 2070	Model 3048	Model 3142
Model 1211	Model 2075	Model 3049	Model 3145
Model 1212	Model 2077	Model 3050	Model 3148
Model 1213	Model 2087	Model 3051	Model 3153
Model 1300	Model 2103	Model 3078	
Model 1301	Model 2104	Model 3084	
Model 1302	Model 2106	Model 3085	
Model 1303	Model 2107	Model 3087	

Puck style luminaire models

Model 2020	Model 3058
Model 2022	Model 3059
Model 2023	Model 3066
Model 2050	Model 3067
Model 2051	Model 3090
Model 2058	Model 3094
Model 2059	
Model 2066	
Model 2067	
Model 2090	
Model 3023	
Model 3025	
Model 3035	
Model 3036	

- The Häfele Adjustable Shelf Lighting system is UL listed under the UL2108 standard. Per NEC 411.6C (Low-Voltage Lighting Systems, Secondary Circuits, Bare Conductors), our bare low voltage conductor (bus bar) is specifically listed for installation in locations lower than the code required 7' height.

This information is provided to you as a reference guide, not an authoritative body of work. Compliance with relevant Standards and Codes is the responsibility of our customers when using the Häfele Lighting low voltage lighting systems, and it is the installer's responsibility to ensure the lighting is applied correctly, safely and in compliance with all applicable codes.