



ANSI E1.16 – 2002 (R2017)
Entertainment Technology
Configuration Standard for Metal-Halide Ballast
Power Cables

EP/2000-7007r5

This edition of ANSI E1.16 is a reaffirmation of ANSI E1.16-2002. This reaffirmation was approved by the American National Standards Institute on 18 May 2017.

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Acknowledgments

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MP mass-market producer
G general interest
U user

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Entertainment Technology — Configuration Standard for Metal-Halide Ballast Power Cables

1 Scope

This standard describes a standard practice for grounding contact assignment for detachable power cables on 6 kW, 12 kW and 18 kW metal-halide lamp ballasts used in the motion picture and television industries on portable studio luminaires that use the MIL-C-5015 or MIL-DTL-5015 connectors with #28-6 insert configuration on the ballast end of the power cable.

2 Purpose

The use of a standardized pin assignment will reduce the possibility of ballast chassis to ungrounded power conductor connections caused by mismatched cables and ballasts.

3 Requirements

Connectors on detachable power cables for use on 6kW, 12kW and 18kW metal-halide lamp ballasts with MIL-C-5015 or MIL-DTL-5015 equivalent #28-6 insert configurations (one-piece construction) and contact configuration (screw machine) shall designate the "A" position as the grounding contact. This shall be extended for mate first/break last operation.

Front view of the male connector

