
Index 715-001 Conventional Lighting

ORIGINATION

Date: 07/21/22

Name: Richard Stepp

Phone: 850 414-4313

Email: richard.stepp@dot.state.fl.us

COMMENTARY

The Turnpike Design Handbook (TDH) had previously required designers to include a project-specific plans detail to explain the luminaire "tilt". As part of the TDH migration, a detail to define tilt angle is being placed into this Index in order to meet this need without requiring a project-specific plans detail. Luminaire tilt angle is a common term for lighting designers using ANSI/IES RP-8-18 national guidance and AGI32 lighting design software, but tilt angle was previously not defined for contractors. Last, this "tilt" variable is being added to the standard Lighting Table per FDM 943.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Michelle Schofner and Stephen Mitchell

Date: 8/16/22

COMMENT: Potential conflict with FDM, 231.2 Design Criteria, tilt is only allowed on pole top and not on arm-mounted.

“Do not tilt cobra head type fixtures. Pole top mounted fixtures may be tilted up to 5 degrees for roadway lighting projects. Pole top mounted fixtures may be tilted in excess of 5 degrees when used at weight stations, agricultural stations and rest areas.”

RESPONSE: FDM 231.2 currently has a pending revision that references Index 715-001 on this topic, and the revised language does not have a conflict. It is expected that FDM revisions will be released for industry review within the coming weeks.

No Change to Index

Response Date: 8/16/22