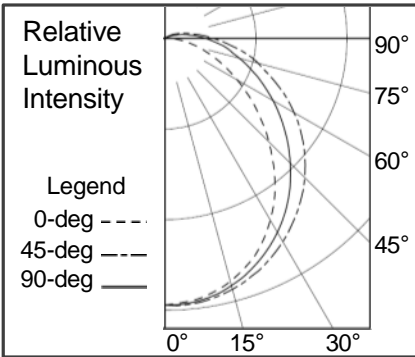
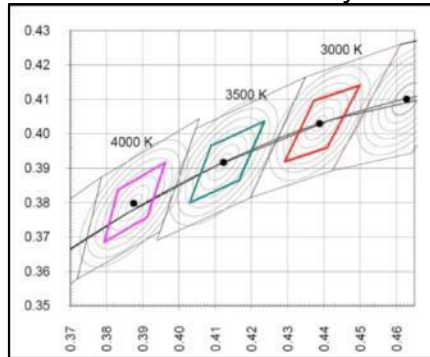


M10CxxD100NSQ

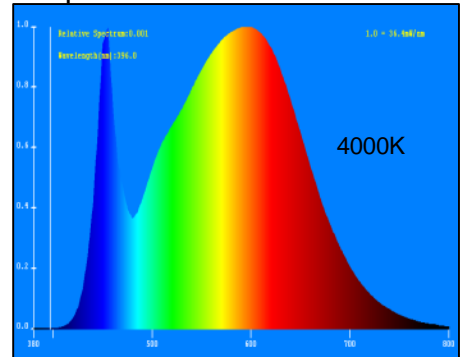
Photometric Distribution



Color Consistency



Spectral Power Distribution



Installation & Assembly Guidelines

Mounting:

- This module may be mounted using the mounting holes provided or with a thermal transfer adhesive.
- LEDs should not be touched/contacted during installation to avoid damage

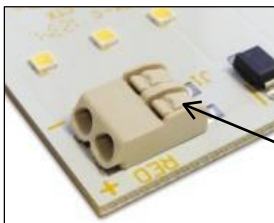
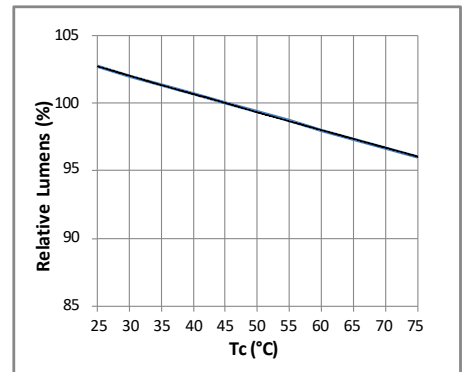
Wire Connector

- Wire connectors will accept 18AWG solid or bonded stranded wire.
- The connector is located on the top side of the circuit board.
- To remove wire from connector, depress the indent on the top of the terminal with a pointed tool, and pull the wire.

Electrostatic Sensitive Product

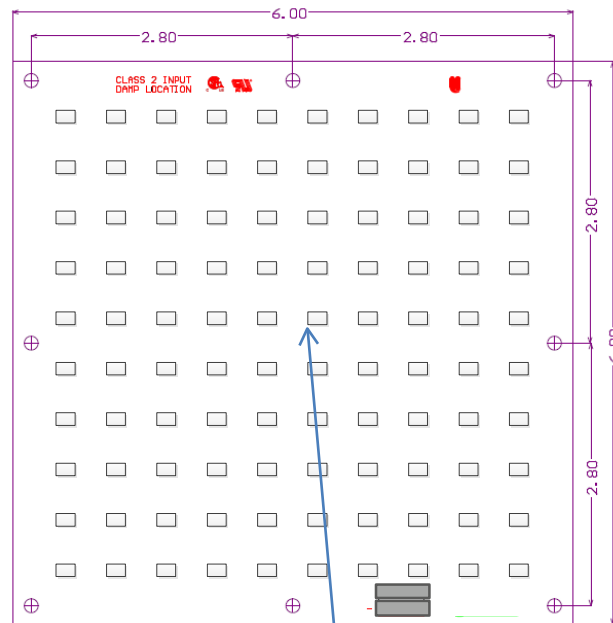
- Installation of Universal Douglas LED Modules should be in a production environment that incorporate ESD protective measures.
- When servicing LED Luminaires, technicians should be grounded, and should avoid contact with the LEDs.

Relative Lumens vs. Temperature



Wire Release

- The connector is located on the top side of the circuit board.



t_c Location

Application and operation performance specification information subject to change without notification.

Application Notes:

1. The version of this module without Conformal Coating is designed for indoor fixtures in dry applications. Damage caused by corrosion due to moisture, condensation and other harmful elements, is not covered by the warranty.
2. Proper heat sinking is required to ensure that the module does not exceed its rated temperature. Damage caused by improper heat sinking is not covered by the warranty.

CONDITIONS OF ACCEPTABLE USAGE (CSA):

This component has been judged on the basis of the required spacings in the Outline of Investigation for LED Light Sources for Use in Lighting Products, UL 8750.

1.The LED modules are intended for connection to a constant current Class 2 power supply. When the arrays are connected and/or used with power supplies other than class 2, the need for an additional evaluation shall be considered in the end use product investigation.

2.The LED modules shall be installed in compliance with the mounting, spacing, casualty, and the segregation requirements applicable to the ultimate application.

3.The LED modules were not subjected to the Normal Temperature Test. The Temperature Test shall be conducted in the end product with considerations for the following components, their ratings, and LED-to-LED spacing:

Printed Wiring Board – 105°C

Connectors – 105°C

4.The LED modules are intended for use in dry and damp locations. Use in other than dry and damp locations shall be evaluated to the end use application.

5.All models may be marked with any voltage and current rating that doesn't exceed the maximum ratings in the ELECTRICAL RATINGS table of this report. All models are to be used within their marked ratings.