LM-79 Test Report

Relevant Standards

IES LM-79-2008
IES TM-30-2015
CIE 13.3-1995

Product SKU

BLAZE™ COLORS LED Tape Light (Blue)
SKU: DI-12V-BLC-BL-016

Test Conditions

Test Temperature: 26.5 °C
Luminaire Sample Length: 39.0 in.
Power Supply: Agilent E3634A DC Power Supply
Voltage: 12.0 VDC
Current: 0.83 A
Power Consumption: 9.96 W

Test Date

03/20/2020

Prepared By

Olivia M. Tanguileg, Electrical Engineer

Approved By

Andrew Lassen, Compliance Manager

The results contained in this report pertain only to the tested sample.
Photometric & Colorimetry data measured in accordance to IES LM-79-2008 standards, at the Elemental LED, Inc. Innovation Lab.
Integrating Sphere Test

Product Name: BLAZE™ COLORS LED Tape Light (Blue)
SKU: DI-12V-BLC-BL-016
Product Type: Tapelight
LEDS/ft: 36
Power Supply: Agilent DC Power Supply
Controller: None

Sample Length: 1 meter
Voltage: 12V
Current: .83A
Wattage: 10.0 Watts [3.0 Watts/ft]
Luminous Flux: 252 lumens [77 lumens/ft]
Radiant Flux: 3410017500 microWatts
Efficacy: 26 lumens/Watt
CRI (Ra): N/A
Dominant Wavelength: 470.9 nm

CIE 1931 2 degree coordinates

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<th>y</th>
<th>u'</th>
<th>v'</th>
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Spectral Power Distribution
Goniophotometer Test

SUMMARY OF RESULTS

Luminaire: BLAZE™ COLORS LED Tape Light (Blue)
SKU: DI-12V-BLC-BL-016
Luminous Flux: 264.9 Lumens
Power Consumption: 10.0 Watts
Efficacy: 26.4 Lumens/Watt
Spacing Criterion (0-180): 1.40
Spacing Criterion (90-270): 1.38

*Graphs below are for reference, full IES files are available on Diode LED website*

DISTRIBUTION CHARTS AND TABLES

Zonal Lumen Data

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