INTRODUCTION

Wamco i-View 501 is an LED lighting system designed for small and medium sized billboards or traffic signs as well as wall washing of buildings, bridges, sculptures, etc. It is also a perfect solution for manufacturing work center lighting. i-View 501 has much lower power consumption (approximately 40W including DC power supply) than conventional 150W HQI lamp and Halogen lighting fixtures. i-View 501 provides many advantages including brilliant light output, significant energy cost saving and reduced maintenance costs.

FEATURES

- Energy efficient (up to 75% energy saving compared to 150W HQI or halogen lamps)
- 35W (around 40W including DC power supply) power consumption
- Available in standard White: 6500K and Warm White: 3000K
  - Custom special order variations available: 2700K, 5000K, etc.
- Long service life (up to 40,000 hours)
- Water resistant (outdoor use, IP65)
- 3 year warranty

APPLICATIONS

- Lighting for small and medium sized billboards and traffic signs
- Wall washing (buildings, bridges, etc)
- Task lighting for work centers

CERTIFICATIONS

- CE, UL (E343125)

SPECIFICATIONS

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<tbody>
<tr>
<td>i-View 501 White</td>
<td>WL-B501035W04</td>
<td>24VDC</td>
<td>35W</td>
<td>6500K</td>
<td>110°</td>
<td>2350 lm</td>
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<tr>
<td>i-View 501 Warm White</td>
<td>WL-B501035L04</td>
<td>24VDC</td>
<td>35W</td>
<td>3000K</td>
<td>110°</td>
<td>2300 lm</td>
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- Operating Temp.: -20°C ~ +60°C
i-View 501
LED Lighting System

PHYSICAL SPECIFICATION (Unit: mm)

* PVC cable 5.6 Ø O.D. x 1470 length with two 18 AWG wires (black & white)

LIGHT DISTRIBUTION

i-View 501 White (6500K)
i-View 501
LED Lighting System

INSTALLATION

Wire Connection:
White -> 24V + (Positive)
Black -> 24V – (Negative)

24VDC Output

Minimum 50W DC Power supply
(representative unit only)

100~240VAC Input
i-View 501
LED Lighting System

INSTALLATION LAYOUT FOR 20m (W) x 3m (H)

Install pitch: 1m

Arm length: 0.5~1m

Inclined angle (θ): around 60~80°

SIMULATION DATA: W=30m, H=3m, arm length 1m, inclined angle (Ø) 75 degrees