

i-View 501 LED Lighting System



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

Model	Model No.	Input Vol.	Power Cons.	CCT	Beam Angle	Lum. Flux
i-View 501 White	WL-B501035W04	24VDC	35W	6500K	110°	2350 lm
i-View 501 Warm White	WL-B501035L04	24VDC	35W	3000K	110°	2300 lm

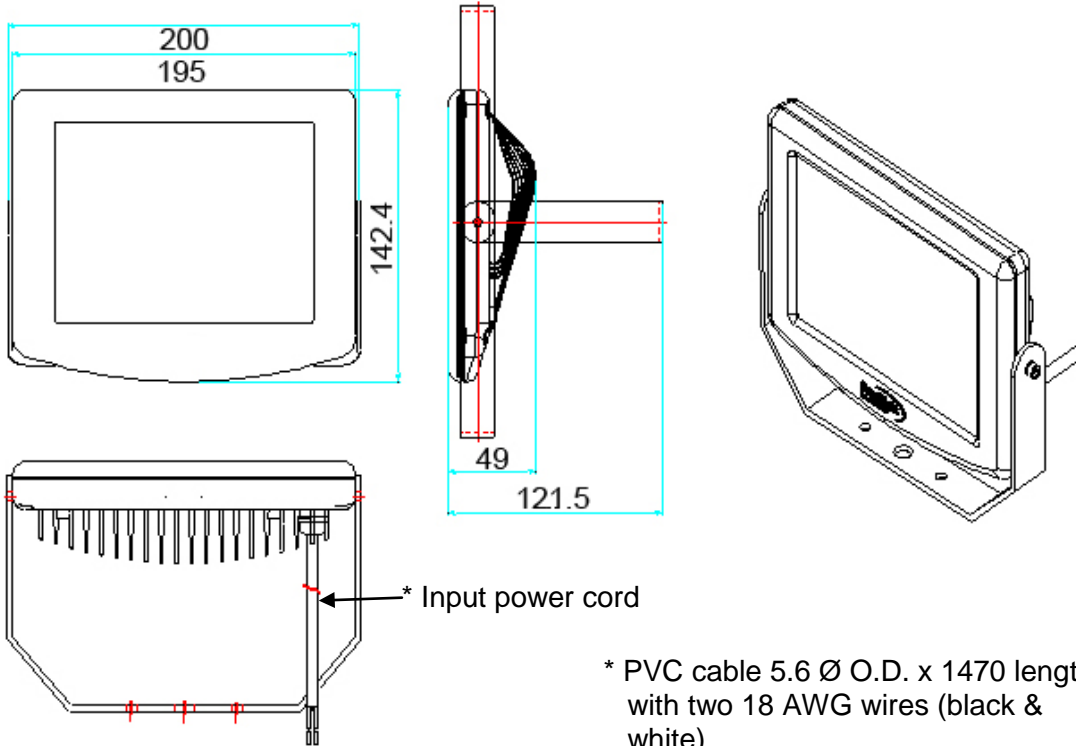
- Operating Temp.: -20°C ~ +60°C



i-View 501 LED Lighting System

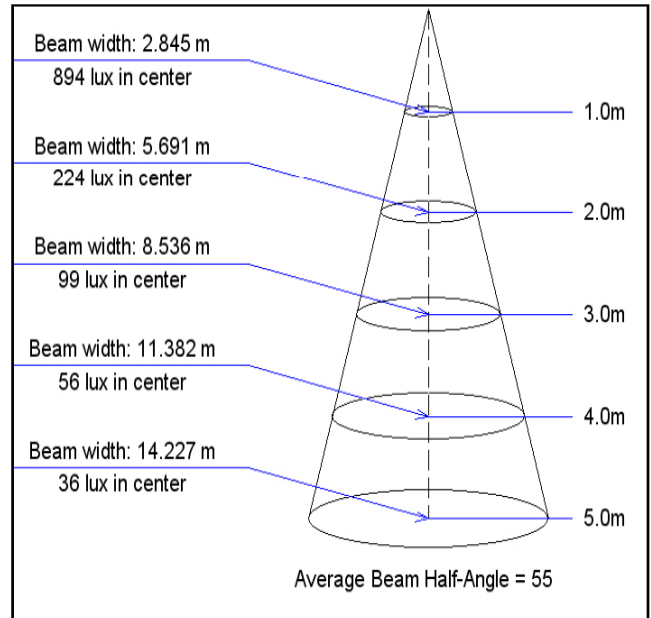
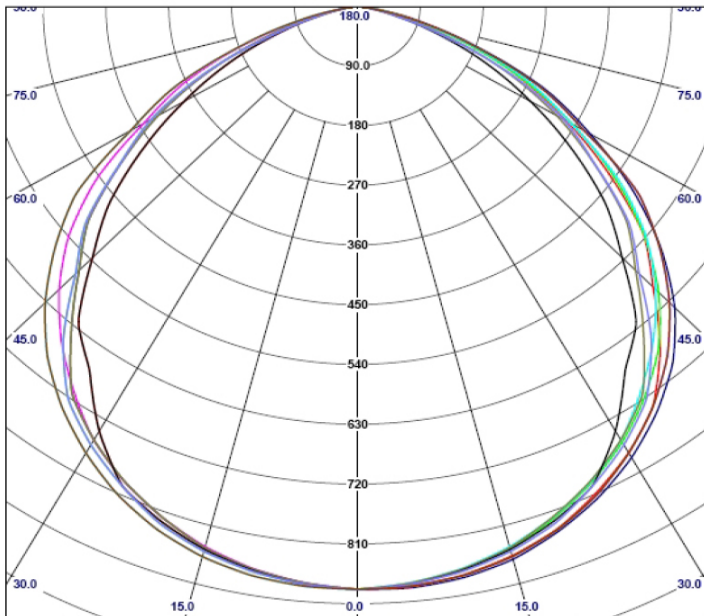


PHYSICAL SPECIFICATION (Unit: mm)



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

LIGHT DISTRIBUTION

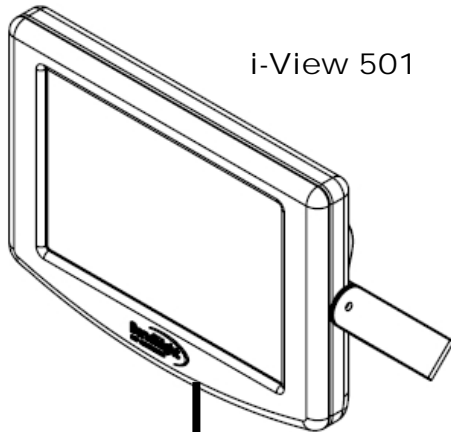


i-View 501 White (6500K)

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INSTALLATION



i-View 501

24VDC Output



100~240VAC Input

Wire Connection:

White ->24V + (Positive)

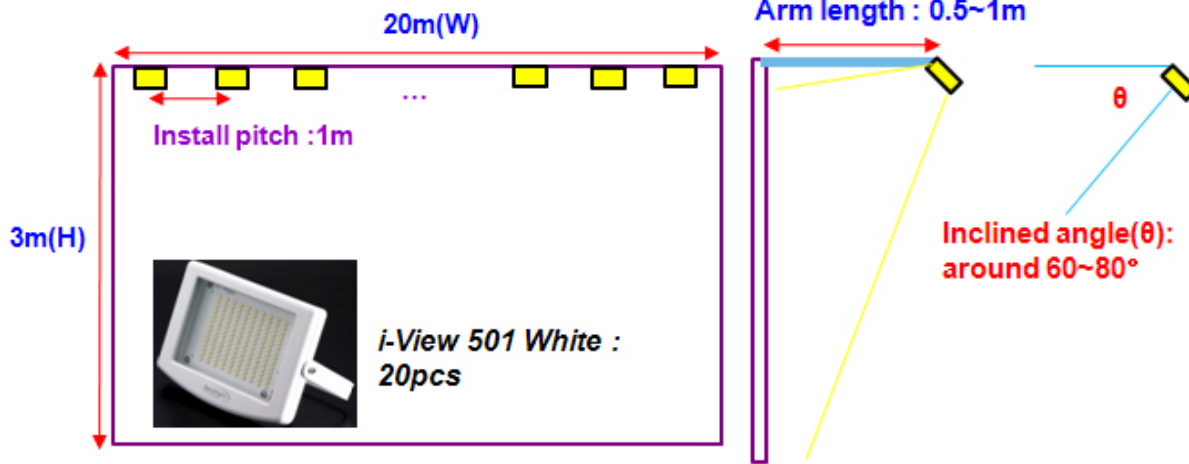
Black ->24V - (Negative)

Minimum 50W DC Power supply
(representative unit only)

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



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

