



TLACS-A

**Tunnel Lighting Addressable Control System
for connected area lighting**

- Self-commissioned
- Simplified scalable system
- Remote access
- Compliant with Smart City platforms
- For energy saving and improved safety



Adaptive Power Line Lighting Control

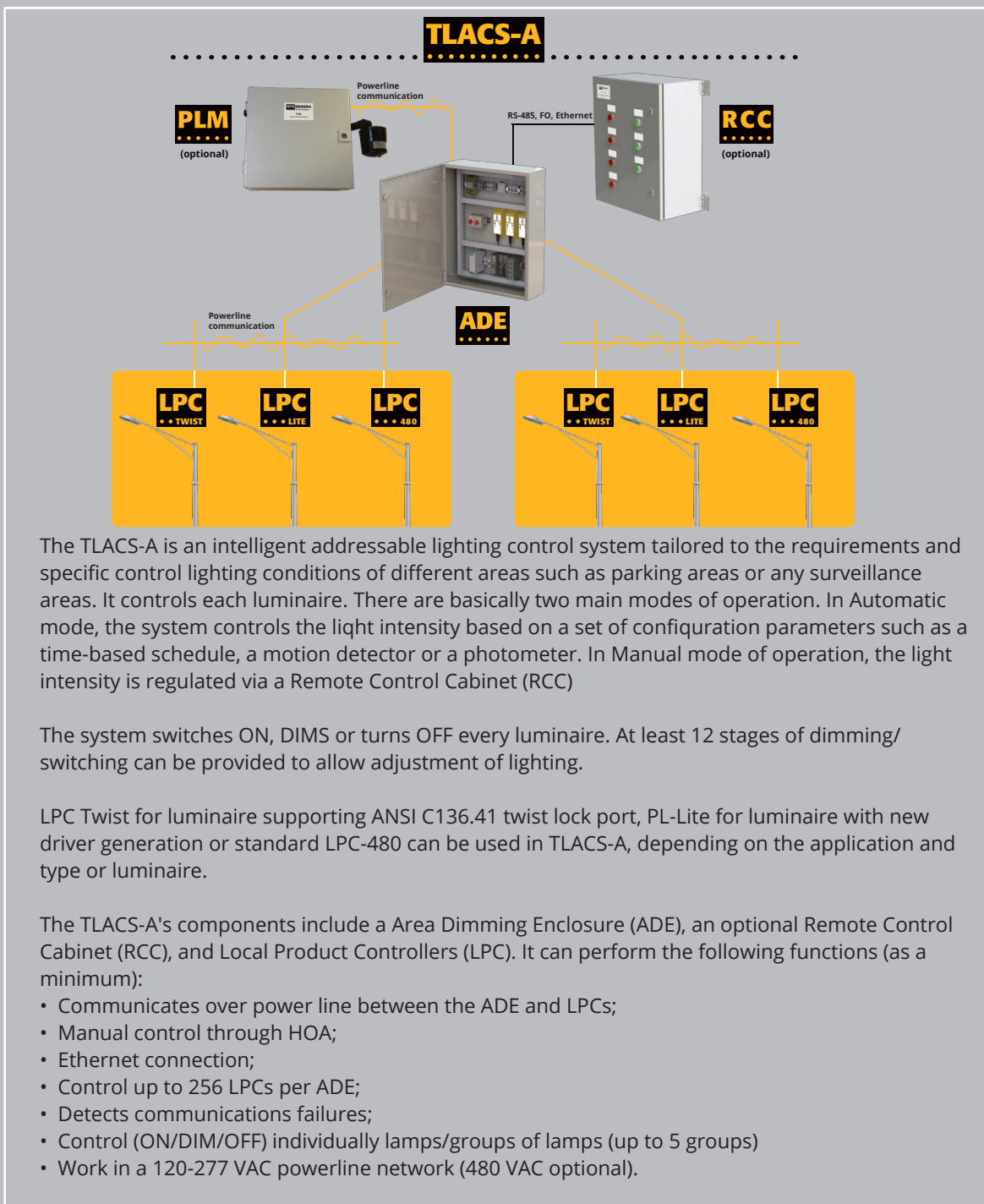
Nyx Hemera Technologies' TLACS-A

Turnkey solution for controlling and dimming any outdoor area that needs monitoring, energy management and/or increased safety.

With individual lighting control and monitoring, the TLACS-A is the perfect solution for parking lots, secured areas, or any other sensitive places where lighting needs to be controlled and monitored.

Remote or local access is available for easy operation, lighting control and monitoring.

The TLACS-A can be installed by any electrical contractor: it is a self-commissioned solution with an intuitive user interface for configuration.



The TLACS-A is an intelligent addressable lighting control system tailored to the requirements and specific control lighting conditions of different areas such as parking areas or any surveillance areas. It controls each luminaire. There are basically two main modes of operation. In Automatic mode, the system controls the light intensity based on a set of configuration parameters such as a time-based schedule, a motion detector or a photometer. In Manual mode of operation, the light intensity is regulated via a Remote Control Cabinet (RCC)

The system switches ON, DIMS or turns OFF every luminaire. At least 12 stages of dimming/switching can be provided to allow adjustment of lighting.

LPC Twist for luminaire supporting ANSI C136.41 twist lock port, PL-Lite for luminaire with new driver generation or standard LPC-480 can be used in TLACS-A, depending on the application and type of luminaire.

The TLACS-A's components include a Area Dimming Enclosure (ADE), an optional Remote Control Cabinet (RCC), and Local Product Controllers (LPC). It can perform the following functions (as a minimum):

- Communicates over power line between the ADE and LPCs;
- Manual control through HOA;
- Ethernet connection;
- Control up to 256 LPCs per ADE;
- Detects communications failures;
- Control (ON/DIM/OFF) individually lamps/groups of lamps (up to 5 groups)
- Work in a 120-277 VAC powerline network (480 VAC optional).

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Smart Area Lighting

Parking lots and other sensitive areas are now visible and can managed in smart city platforms thanks to TLACS-A

Nyx Hemera Technologies

Nyx Hemera Technologies develops and markets tunnel lighting control for road tunnels and underpasses. Over the last 10 years, the TLACS has been installed in over 75 tunnels and underpasses around the world. Nyx' team is specialized in lighting control. The company's offers a turnkey service – from feasibility analysis to after sales service anywhere in the world.

Disclaimer: All of the above information, including drawings, illustrations, and graphic designs, reflects our present understanding, and is to the best of our knowledge. We believe that the data presented is accurate and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.