

***Limitless Light,
Powered by the Sun***



Talos Integrated LED Solar Street Light



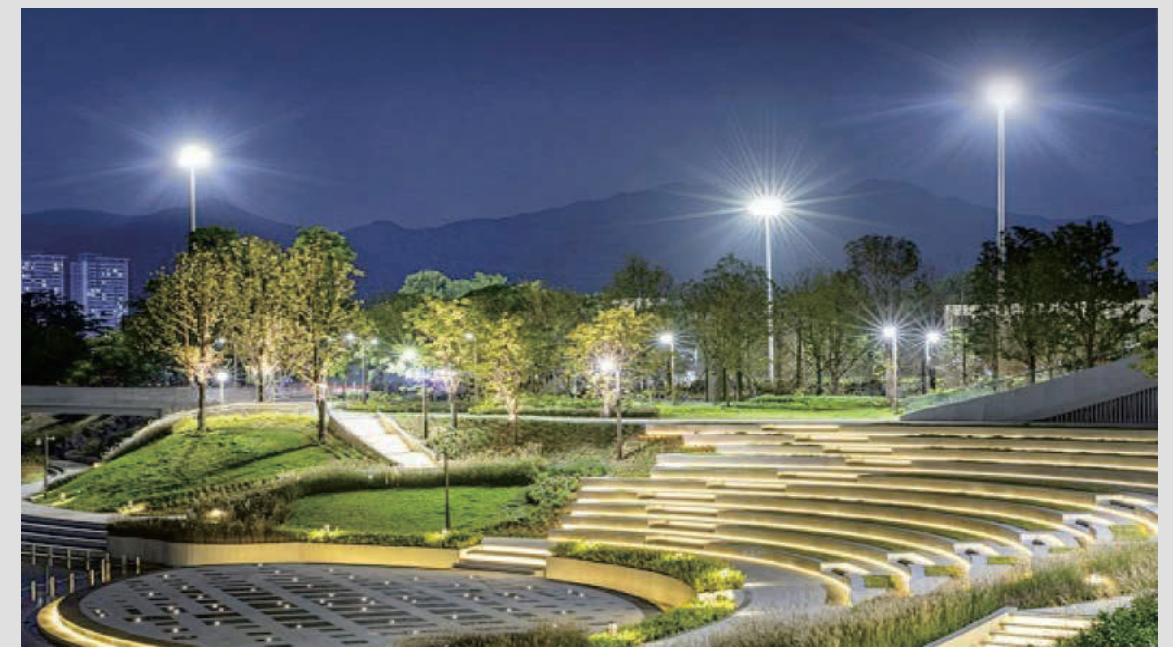
LED LIGHTING
SOLUTION by **SCG**
International

Talos Integrated LED Solar Street Light



Key Features

- 1 Eco-Friendly**
Powered by 100% solar energy, reducing fossil fuel consumption and environmental pollution
- 2 High-Efficiency Solar Panel**
Equipped with Tier-1 monocrystalline silicon solar panels for optimal performance
- 3 Premium Lithium Battery**
Stores energy for immediate use and provides power backup for several days, even during low sunlight or cloudy days
- 4 High Luminous Efficiency**
Delivers 210–220 lumens per watt, maximizing battery life and offering up to 50,000 hours of operation
- 5 Smart Lighting System**
Features automatic on/off and dimming functions with customizable settings to enhance energy efficiency
- 6 Variety of Beam Angles**
Offers flexible light distribution options tailored to your design and installation needs
- 7 Easy Installation**
No need for wiring or additional transformers. Adjustable tilt angle from 0° to 90°, suitable for pole mounting
- 8 IP66 Waterproof & Dustproof Standard**
Ensures long-lasting durability and consistent lighting performance in all weather conditions
- 9 5-Year Warranty**
Guaranteed high performance and extended service life



TIME OPERATION



DAYTIME OPERATION

The solar panel absorbs energy from sunlight and converts it into electricity. This energy is then stored in the battery for use during nighttime



NIGHT TIME OPERATION

During nighttime, the stored energy in the battery is used to provide illumination throughout the night. The brightness level can also be adjusted as needed. When the sun rises, the light automatically turns off and the day/night cycle begins again.



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High Quality Components



Monocrystalline Solar Panel (Tier 1)

High-efficiency monocrystalline silicon solar panels sourced from one of the world's leading solar panel manufacturers



Philips LED Chip 5050

Equipped with the latest LED chip technology from Philips, delivering high brightness (>210 lumens/watt) with excellent energy efficiency and durability under various environmental conditions



High Grade Lithium Battery LiFePO4

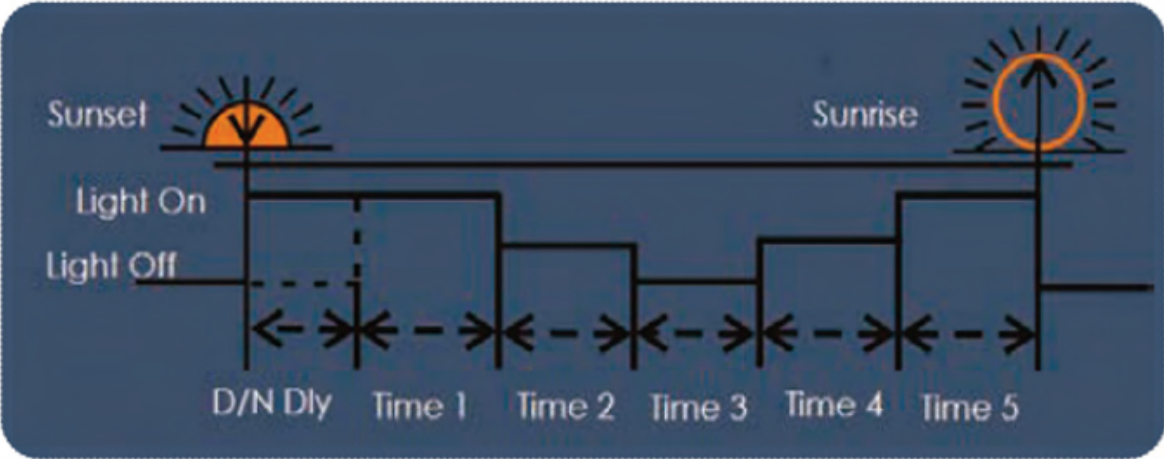
Long-lasting lithium battery with a lifespan of up to 4,000 cycles or approximately 10 years

Remote Control with Dimmable Schedule and Programming Motion Sensor



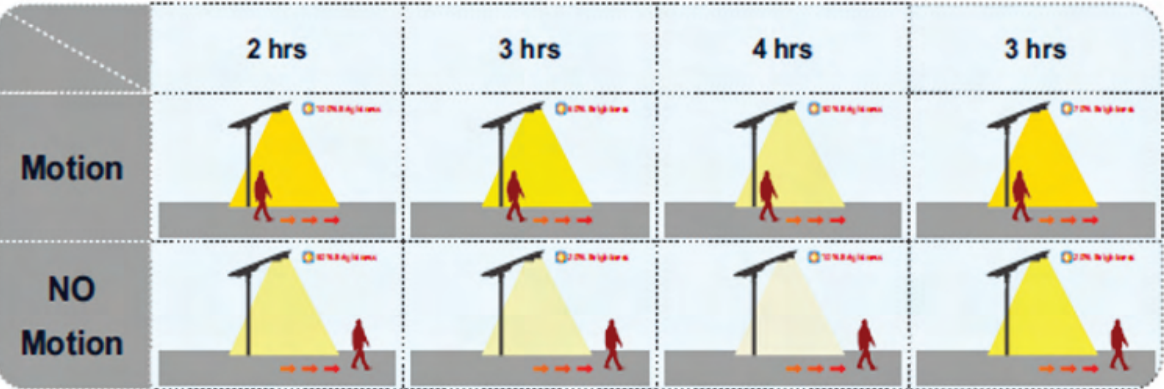
Schedule Setting with Five-Stage Mode

The system includes a schedule setting mode for nighttime use, allowing efficient energy management from the built-in battery to last through the night. It offers up to five adjustable brightness stages. Lighting is divided into five programmable periods with customizable brightness and timing, helping to conserve energy while maintaining optimal lamp performance



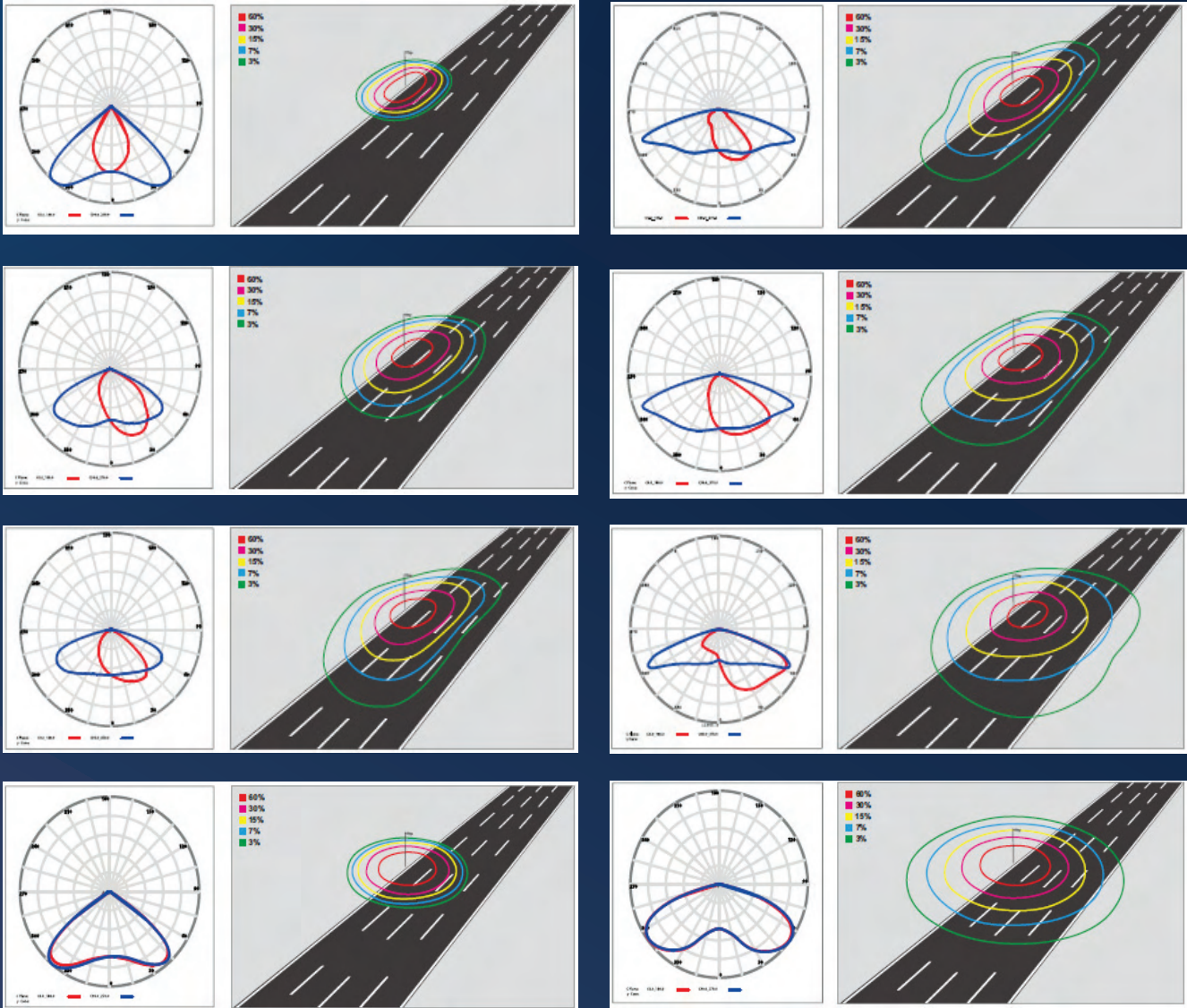
Motion Sensor Mode

- Motion detection
- Without Motion detection
- The lighting adapts based on actual working conditions



Variety of Beam Angle Selection

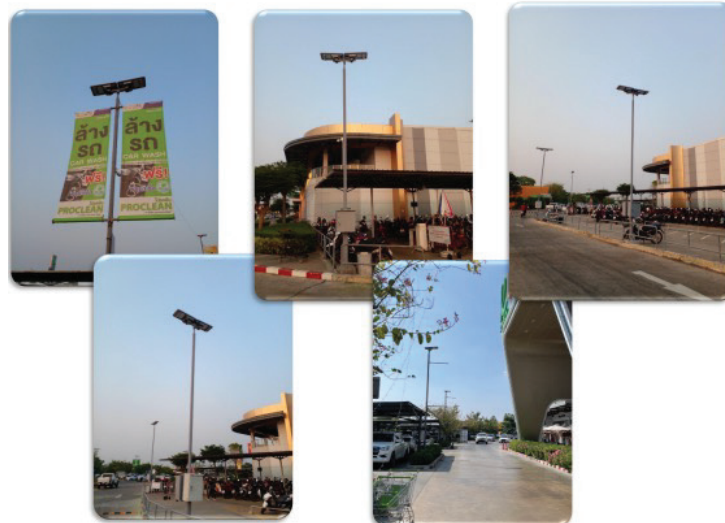
Allows selection of appropriate light distribution to suit specific design and on-site requirements.



Project Reference



Our Reference Customers



R LIFESTYLE
ROBINSON EAT · SHOP · PLAY
TALOS 40W,80W
1,547 Units
Go live : Q1-Q2 2024

Branches : 26+
Kanchanaburi
Kampaengpetch
Lopburi
Prachinburi
Roi-Ed
Sakonakhon
Samutprakarn
Nonthaburi
Suphanburi
etc.

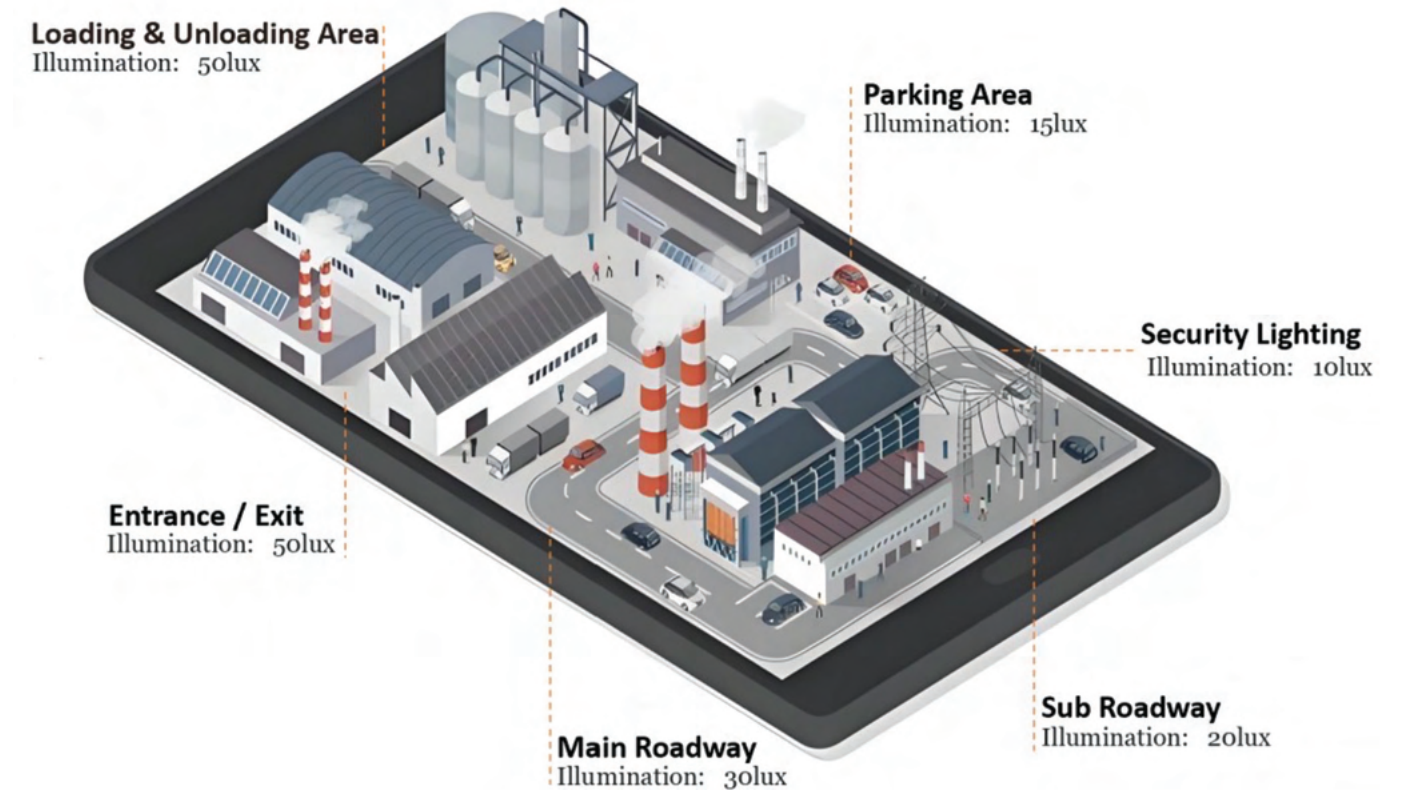
Our Reference Customers



TOYOTA
TOYOTA DAIHATSU
ENGINEERING & MANUFACTURING CO., LTD.
TALOS 60W - 243 Units
Go live : Q2 2024



Application



TALOS

0 Carbon Emission
Power Consumption



- *200LPW System Efficacy
- *100% Grade A LiFePo4 Battery
- *22% Efficacy Grade A Mono Solar Panel
- *5 Years Warranty for Whole Fixture
- *AC/DC Hybrid optional
- *IoT controlling optional

Model 20-90 W

TALOS I : THE COMBINATION OF SIMPLICITY ELEGANCE AND DURABILITY








PERFORMANCE

	20W~90W
	210~220lm/W
	Philips Lumileds
	PIR & Microwave & Timer Dimming
	MPPT / PWM Controller
	5000K (2500~6500K optional)
	60×100° / 65×145° / 65×155° / 70×135° / 75×150° / 80×150° / 110° / 150°
	IP66
	IK08
	Monocrystalline silicon photovoltaic panels
	LiFeP04 battery
	Slip fitter
	Operating Temperature:-20°C to + 60°C /-4°F to 140°F (Charge:0°C to 60°C / 32°F to 140°F & Discharge:-20°C to 60°C / -4°F to 140°F) Storing Temperature:-20°C to +60°C/-4°F to 140°F

Model 100-200 W

TALOS II : THE COMBINATION OF SIMPLICITY ELEGANCE AND DURABILITY

PERFORMANCE

	100W~200W
	210~213lm/W
	Philips Lumileds
	PIR & Microwave & Timer Dimming
	MPPT / PWM Controller
	5000K (2500~6500K optional)
	60×100° / 65×145° / 65×155° / 70×135° / 75×150° / 80×150° / 110° / 150°
	IP66
	IK08
	Monocrystalline silicon photovoltaic panels
	LiFeP04 battery
	Slip fitter
	Operating Temperature:-20°C to + 60°C /-4°F to 140°F (Charge:0°C to 60°C / 32°F to 140°F & Discharge:-20°C to 60°C / -4°F to 140°F) Storing Temperature:-20°C to +60°C/-4°F to 140°F



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