

PERMiA series can be applied to the most different types of road condition. It optimizes the total investment that offers the shortest paybacks. PERMiA is not only committed to high quality and best performance, but provides numerous features to simplify the way of installation and reduce maintenance probability.

PERMiA

Expert Selection

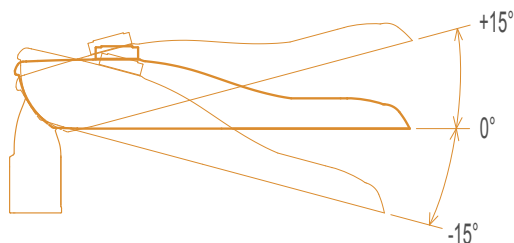
Professional Road and Urban Luminaires



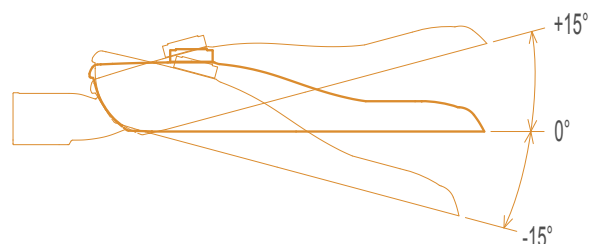
Flexibility and Convenience

Wide-Angle Setting to Fulfill the Most Requirement

- Post Top Position



- Side Entry Position



Simple Steps to Manage Time and Money



Clever Optical Design

Light Distributed in a Specifically Desired Way

PERMiA series offers different type of applications. It's strong scalability providing a wide choice of optics to fulfill variety types of application as efficiency as possible.

(COMPLY WITH EN13201)

ME Traffic routes of medium to high driving speed.

CE Drivers of motorized vehicles, and other road users, on conflict areas.

S Pedestrians and pedal cyclists on footways, cycleways, and parking place, residential roads...



ROADS & HIGH WAY



RESIDENTIAL STREET



STREET & URBAN ROAD



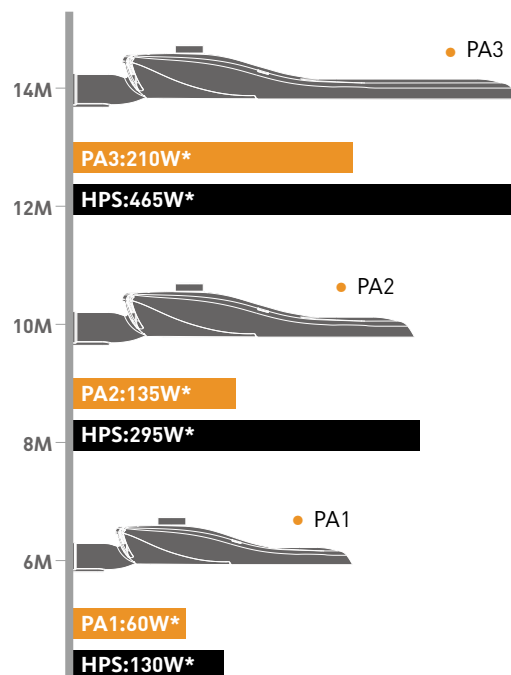
SQUARES AND PEDESTRIAN AREA



BIKE PATH



PARKING LOTS



*SYSTEM WATTAGE
APPLICATION FOR DIFFERENT POLE HEIGHTS

Fast Payback

Efficient Way to Get the Money Back

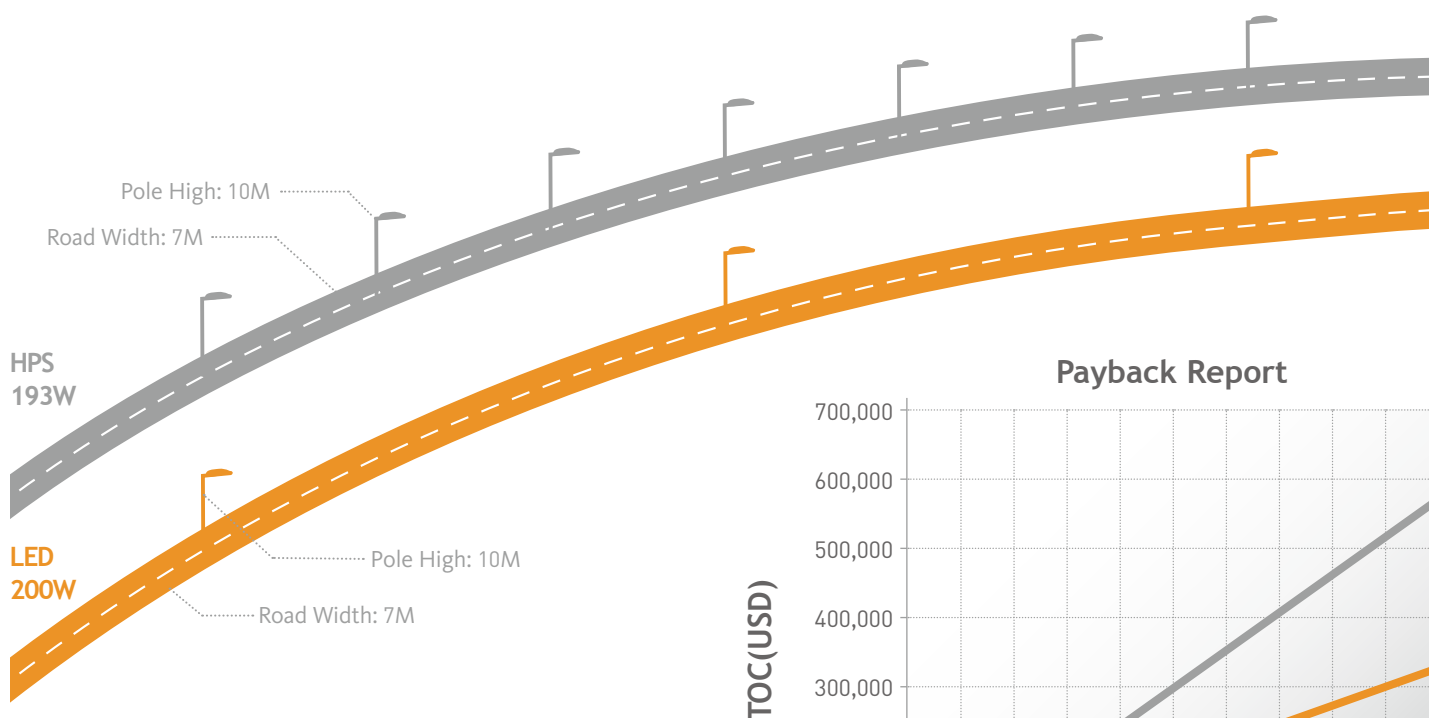
PERMiA covers every aspect and characteristic of its products. Not only is it cost efficient but it also accelerate the payback period.

HPS 193W v.s. LED 200W

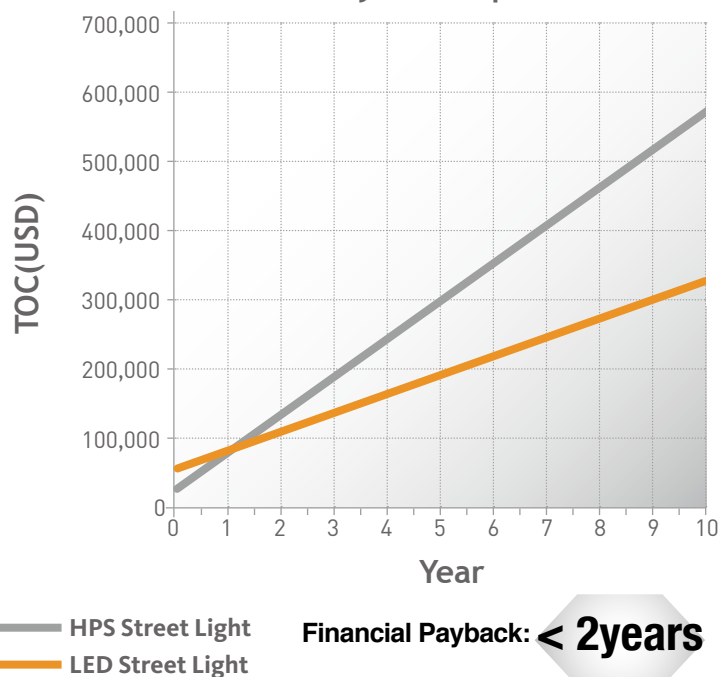
	ME3a Requirements	HPS	LED
Light Loss Factor		0.76	0.83
Luminaire power consumption(W)		193	200
Spacing between luminaires(m)		18	40
Average luminance(cd/m ²)	≥ 1	1	1
Overall uniformity-U ₀	≥ 0.4	0.4	0.43
Longitudinal uniformity-U _l	≥ 0.7	0.86	0.86
Glare-TI(%)	≤ 15	8	14
Surround Ratio	≥ 0.5	0.66	0.78
Power consumption per km(W/km)		10,740	5,000

Energy Saving: **+53.45%**

Lower Your Initial Investment



Payback Report



Get your money back within

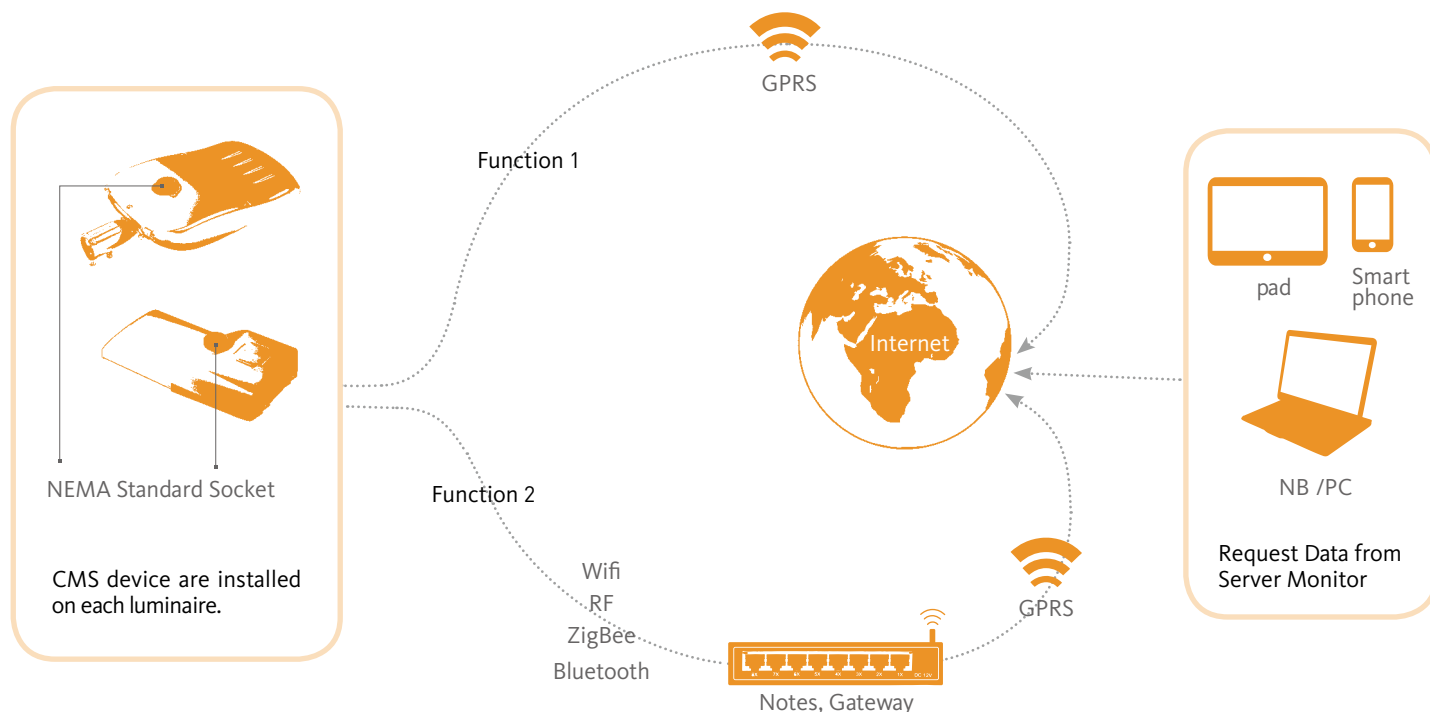
2 years

Financial Payback: **< 2 years**

Smart Light - An Integrated Lighting Solution Provider

A Better Way of Living!

Leotek provides the total solution of smart lighting system based on any specific project and customer requirement. We focus on improving safety, reducing environmental impact, energy and maintenance cost.



Function 1: Small system, suitable for discrete lighting area.

Function 2: Large system, suitable for centralize lighting area.

Further Saving! - Light Only When Necessary!

Dimming function

The multi-level dimming program is fully tailored to your need for its adaptation to any place and time regarding the lighting level desired. Once programmed, the dimming system will adapt automatically depending on the different solutions.

Photocell

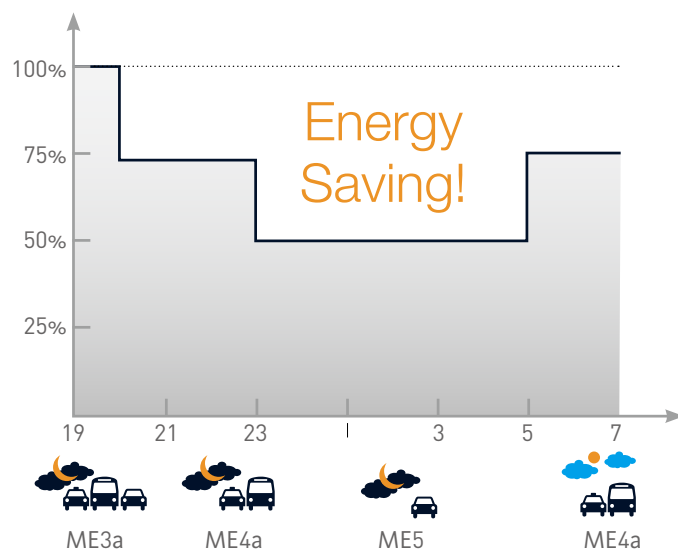
By installing a photocell on top of the luminaire, the light will adjust itself in turning on or off according to the natural light detected.

Motion sensors

Motion sensors detect people or vehicles passing by and at once trigger the light to turn on; in other words, it helps to illuminate an area when needed and reduce the energy consumption in the other way around.

Additional savings

PERMiA with dimming function.



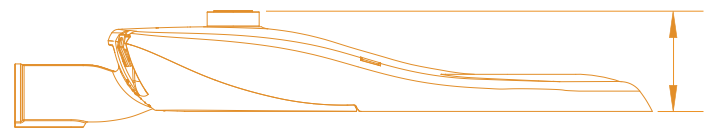
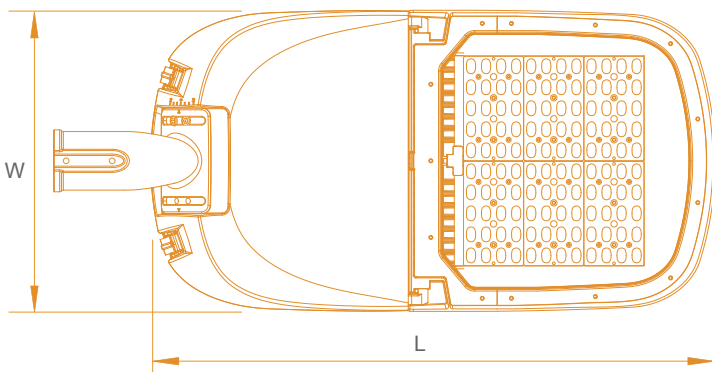
Consume Only **64%** Energy Compared with Original LED Light

PERMiA

Full product line to meet customer needs!

Product Specification

	PA1	PA2	PA3
Lumen Package Range	Up to 6,800 lm	Up to 14,000 lm	Up to 28,000 lm
Luminaire Efficacy(lm/W)	Up to 110 lm/W		
Weight (kg/lbs)	7kg/15lbs	10kg/22lbs	15kg/33lbs
Correlated Colour Temperature	Cool/Neutral/Warm White		
Minimum CRI	70		
IP Level of the Luminaire	IP66		
Optical Compartment Tightness Level	IP66		
Control Gear Tightness Level	IP66		
Impact Resistance (Glass/Plastic)	IK09/IK10		
Nominal Voltage	120-277V 50/60Hz		
Electrical Class	Class I/Class II		
Surge Protection	ANSI C62.41.2 high exposure 10KV level		
Operating Temperature	-40 °C ~ 50 °C		
Installation	32~48mm/48~60mm/60~76mm SE/PT spigot		
Post Top/Side Entry Tilt	-15° ~ 15°		
Certification	ENEC/UL/CE		



Dimensions

	PA1	PA2	PA3
L	550 [21.7]	675 [26.6]	915 [36.0]
W	300 [11.8]	380 [15.0]	380 [15.0]
H	105 [4.1]	105 [4.1]	105 [4.1]

unit:mm[inch]

Materials

	PA1	PA2	PA3
Body	Die-cast Aluminum/Marine grade LM6 Aluminum		
Protector	Tempered Glass/Plastic		
Colour	Grey/White/Dark Brown		