

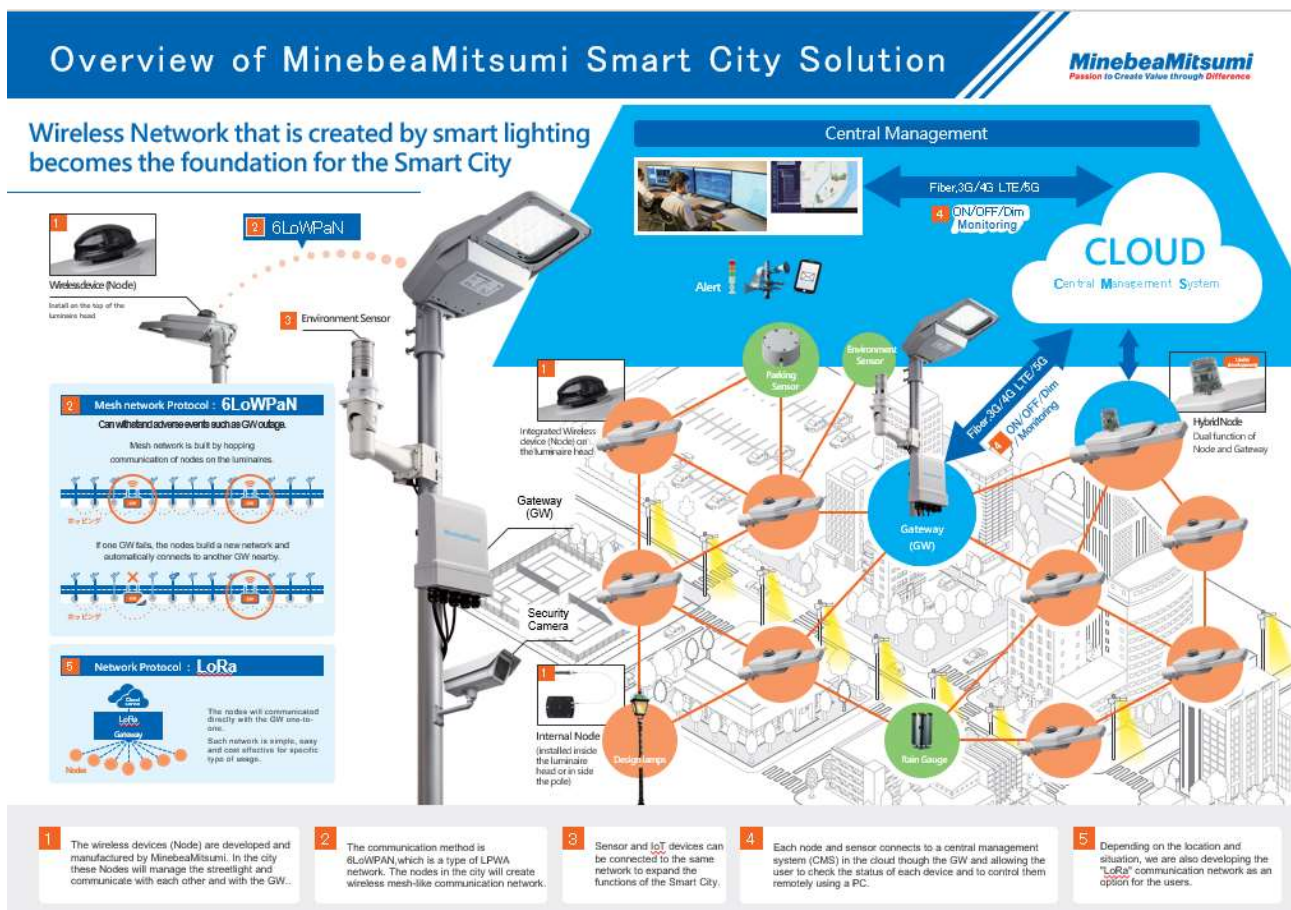
ミネベアミツミ株式会社 MinebeaMitsumi Inc.

MinebeaMitsumi
Passion to Create Value through Difference

Company Profile

Name in Full	MinebeaMitsumi Inc.	Head Office	Tokyo H.Q.: 1-9-3, Higashi-Shimbashi, Minato-ku, Tokyo, 105-0021
Establishment	July 16, 1951	Telephone	81-3-6758-6711
Capital	68,258 million yen (As of March 31, 2025)	President	Yoshihisa Kainuma, Representative Director, Chairman CEO
Employees	83,256 (As of March 31, 2025) *Excluding temporary employees	Website	https://www.minebeamitsumi.com/
Consolidated Subsidiaries and Affiliates	MinebeaMitsumi Group 147 (As of March 31, 2025)		
Business Outline	Machinery Components Business, Electronic Devices and Components Business Automotive, Industrial Machinery and Home Security Unit Business		

Overview of Smart City Solution



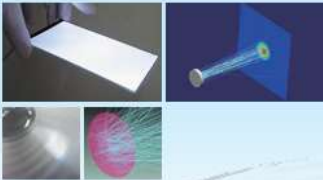
MinebeaMitsumi's highly efficient Smart LED Streetlight

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By combining our technologies, we can achieve excellent energy efficiency. Furthermore, dimming control can be used to significantly reduce power consumption.

Excellent energy efficiency through the synergy of our parts and technologies

Backlight technology + Lens technology



Power Unit technology



Semiconductor technology



Wireless technology



IoT devices and technology that supports the Smart City Solution

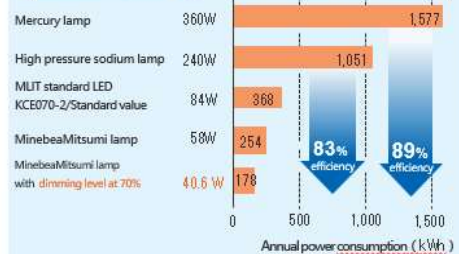
- Optimum dimming level to reduce power consumption
- Wide range of dimming level from 15% to 100%

Example of dimming level pattern



Comparison of annual power consumption

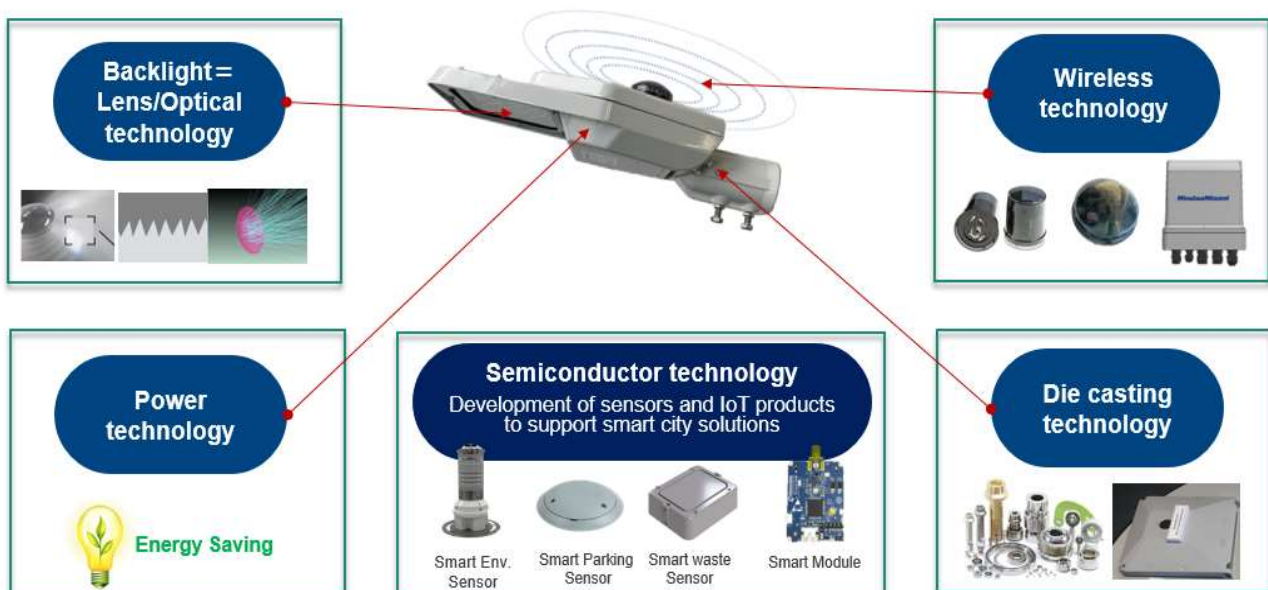
(Road surface brightness 0.7 candela/m² - on a 2 lane road)



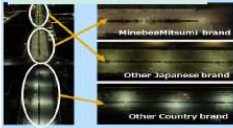
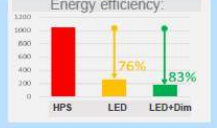
Technical Expertise

Synergy of MinebeaMitsumi technology

Integration of MinebeaMitsumi's original technologies and IoT technology toward development of smart lighting and smart city solutions.



Features of MinebeaMitsumi's Smart City Solution

[1] Efficient lighting	[2] Wireless technology	[3] Centralized management	[4] Energy efficiency	[5] Expandability
• Dynamic lighting. • Customized dimming. • High uniformity.	• 6LoWPAN mesh network. • Effective operation and monitoring.	• Manage all devices by CMS.	• Reduce power consumption by dimming. • Reduce CO₂ emission. • Reduce electricity cost.	• Add new devices in same network. • Design innovative solutions.
 High uniformity 		CMS=Central Management System 	Example of Dimming schedule  Average 70% dimming Energy efficiency: 	

- Creating energy efficient city
- Creating city with disaster management measures and preparedness system
- Creating environment friendly city
- Creating a city that support convenient life
- Creating a safe city that prioritize public security



CMS 管理システム

Central Management System の中で、各デバイスはネットワークを介して接続されています。各デバイスは、ネットワークを介して接続されています。ネットワークを介して接続されています。

Contact person

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Smart City Solutions

