



LUMIFI BASIC / DEMO SYSTEM

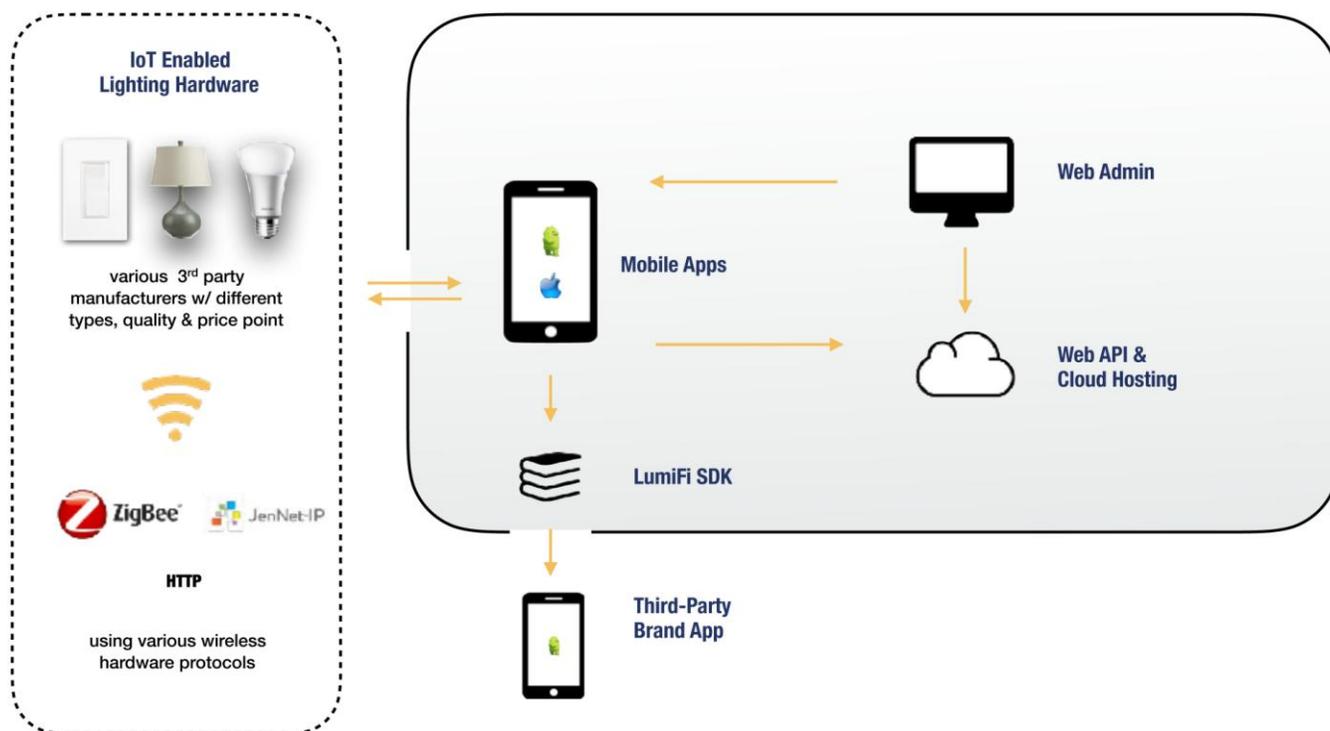
Wireless Lighting Control System (Simplified Demo Setup)

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LumiFi is a wireless smart lighting control management platform integrating established third party IoT-enabled lighting hardware manufacturers across multiple WiFi protocols into one seamless experience. LumiFi offers a complete ecosystem that allows property and hotel operators to wirelessly configure, control, manage, and optimize their lighting environments. LumiFi's wireless technology eliminates the need for costly wiring, resulting in lower construction and IT infrastructure costs—making it an obvious choice over a traditional wired system in a new or retrofit project. LumiFi's platform empowers users to transform the way they experience dynamic lighting with intuitive features and tailored light scenes.

THE LUMIFI SYSTEM

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|-------------------------------|---|
| 1. Mobile Apps (iOS, Android) | Award-winning, Intuitive Interface to control light scenes and lights |
| 2. Web Management Platform | Central Configuration and Project Setup Portal |
| 3. Cloud Hosting & Web API | Cloud Storage for Lighting Projects & Profile Settings |



LumiFi's Basic Software is used for demos, pilot projects, software demos or residential consumer use. The lighting control logic is embedded within the app and simply communicates directly with Wi-Fi-enabled lighting hardware. For more complex setups please look into our commercial hospitality software offering.



BASIC SOFTWARE FEATURES	FEATURE DESCRIPTION	CORRIDORS	ROOMS	CUSTOM ¹
	Lighting Control			
	➤ Multi-Room / Grouping	-	⊙	⊙
Light Scenes				
	➤ Default Light Scenes (12)	6 - 8	4 - 6	⊙
	➤ Event & Special Occasion Light Scenes (6)	-	-	⊙
	➤ Light Scene Management	⊙	⊙	⊙
	➤ Individualized/Personalized	⊙	⊙	⊙
	➤ Individual Lighting Control	⊙	⊙	⊙
	➤ Centralized Project & Room Light Matrix	⊙	⊙	⊙
Scheduling				
	➤ Schedule List	⊙	-	⊙
	➤ 24/7 Schedule Manager	⊙	-	⊙
	➤ Astrological Clock / Schedule	⊙	-	⊙
	➤ Sleep Timer	-	⊙	⊙
	➤ Wake-Up Alarm	-	⊙	⊙
User Access and Permissions				
	➤ Profile Authentication Anonymous access via QR-Code scan Different permissions can be associated with each profile.	⊙	⊙	⊙

SOFTWARE Add-On Modules	FEATURE DESCRIPTION
	Branded Interfaces LumiFi apps can be branded and white-labeled with client logos and custom screen interfaces
	SDK Integration Software can be integrated into other eco-system apps (e.g. Brand Apps)
	Customized Scenes Light scenes can be created based on client requirements

DEPLOYMENT SOFTWARE TOOLS	Lighting Commissioning
	➤ iOS Consumer & Pilot Commissioning App (Simplified Setup) Allows lighting setup and location mapping via a mobile app for authorized and registered users
	➤ Commissioning Web Templates Allows remote setup based on similar configuration types
	➤ Automated Light Scene Configuration Logic Patent-pending algorithm to streamline space-specific light scene configurations

¹ LumiFi customizes lighting for various spaces (hospitality, commercial, residential, and retail)



HARDWARE	SPECIFICATIONS	
	Communication Type	Wireless
	Supported Wireless Protocol Standards	ZigBee, HTTP, JenNetIP
	Supported Light Types	 Dimming Dynamic White Colorchanging
	Supported Third-Party Lighting Hardware	Multiple LumiFi works with established lighting manufactures that incorporate wireless technologies. Third party hardware recommendation is dependent on project and client specifications.
	Supported Fixture Types	Multiple LED Retrofit Bulbs, Strip Lights
	Other Supported Hardware	Selected Switches and Sensors
	Other Integrations & Collaborations	 

The Simplified “Mobile As The Controller” Model Description:

In the simplified model LumiFi has mobile apps acting as controllers, which talk directly to the light or the manufacturer bridge, such as Philips Hue or TCP bridges depending on the protocol. In a bridge setup, the bridge distributes commands to all the connected lights. The bridge also has a built-in functionality to program schedules and change light scenes at a specific moment in time (or related to a sunrise / sunset calendar), because the features and functionalities vary by manufacturer and offer a less consistent experience. The app, as a controller model, has limited control and reliability, as there is no verification that commands sent by the bridge were actually executed or not lost due to connectivity issues. The bridge is not designed to support custom and complex logic in a large-scale commercial environment, like dynamic and interactive scene changes or reacting to events from a third party systems such as Crestron or how to resolve multi-device conflict or settings persistence. This is why LumiFi offers its commercial level product, which includes a local controller setup (please refer to the LumiFi Hospitality product sheet for additional details).