



September 16, 2019

Cover Letter for FCC Application

Please grant FCC certification for this Wall Station Controller family – total of six (6) models as described below. This product utilizes the 2.4GHz Zigbee protocol to work with other Zigbee products networked to the wall station. All models share same power PCB B1674 and logic PCB B6543 with different assembly variants to support functions as required.

Each wall station utilizes a 2.4 GHz Zigbee radio that is integrated into the logic board B6543. The logic board also uses a pre-certified Bluetooth module for communication with mobile phones. The two variants of the board have minor assembly changes with D11 containing additional switches and LEDs for dimming option in compare to D12 variant.

The power board B1674 for this wall station family has a multirange input voltage. The three variants of the board have minor assembly changes with dimming feature supported by D01 variant (120-277VAC) and D02 (347 VAC) and no dimming supported in D11 variant (120-277 VAC).

Firmware supports remote control via smart phones using either the Leviton Lumina or Leviton Intellect applications.

Preliminary testing on all variations of power and logic boards demonstrated that the RF specifications and performance are similar across all models and can be considered for a family approval under a single FCC ID for FCC.

The table below shows the features for each model.

Product ID			Comparison Information								
FCC ID#:	HVIN Model# / Cat#	Product Marketing Name Description	Radio	Voltage	Power PCA	Loads	Relay Rating	0-10 Vdc Dimming	Switch	Radio/ Logic PCA	Mobile Application
2ASLN-DL057	DL05S-D0Z	Lumina RF Room Controller with Integrated Switching, 120-277VAC, 50/60Hz, 5A Load	Zigbee	120-277VAC	B1674 D11	10A Electronic 10A Fluorescent 10A Tungsten	10A/ 10A	No	Switch	B6543 D12	Leviton Lumina RF SA app
	ZL05S-D0Z				Leviton Intellect app						
	DL057-D0Z	Lumina RF Standalone 0-10V Room Controller, 2.4GHz, 120-277VAC, 50/60Hz, 5A Load			B1674 D01			Yes	Switch & Dimmer	B6543 D11	Leviton Lumina RF SA app
	ZL057-D0Z										Leviton Intellect app
	DL057-30Z	Lumina RF Standalone 0-10V Room Controller, 2.4GHz, 347VAC, 50/60Hz, 5A Load		347VAC	B1674 D02						Leviton Lumina RF SA app
	ZL057-30Z										Leviton Intellect app

Sincerely,

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