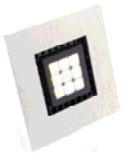
LED Product Report Card



Manufacturer: Philips
Applicable Model Numbers: 523-000010-00 (Ballast)
Lamp Module: 523-000009-00, 523-000009-02, 523-000009-01, 523-000009-03

Manufacturer's Description

Type of Fixture: Downlight
Operating Voltage: 120 Vac
Input Power: 16 W $_{(max)}$ at start / 15 W $_{(max)}$ steady state
Current: Not Specified
Frequency: 60 Hz
Control Types: Electronic Low Voltage (Reverse Phase)
Dimming Range: 15% - 100%
Output Power: N/A
Lumens: 523-000009-00, -02: >400 lumens
523-000009-01, -03: >450 lumens

Lutron Test Results

Date Tested: March 23, 2009
Model Number Tested: 523-000010-00 Ballast with a 523-000009-00 Lamp Module
Smooth and Continuous: Yes
Test Notes:

Lutron Recommended Compatible Products

Product	Part Number	Fixtures per Dimmer	Measured Light Output Range [1]	Comments
Vierti	VTELV-600M	4 - 8	15% - 90%	Low-end trim available
Homeworks	HW-RPM-4A-120	1 – 16 per output	11% - 91%	Max. 25 fixtures per module Low-end trim available
Commercial Systems	LP-RPM-4A-120	1 – 16 per output	11% - 91%	Max. 25 fixtures per module Low-end trim available
Interfaces	PHPM-WBX [2]	1 - 26	11% - 93%	Low-end trim available
	PHPM-PA [3]	1 - 26	11% - 93%	Low-end trim available

[1] Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full capability
[2] Controlled with Ariadni, Diva, Lyneo Lx, Nova, Nova T*, Skylark, or Vareo 3-Wire Fluorescent dimmers, or GrafikEye
[3] Controlled with HomeWorks or Commercial Systems.

Comments: Based on manufacturer recommendations, the fixture has a required minimum voltage (38Vac). Dimmers that cannot be trimmed upward to 38Vac could have performance issues at low end. The controls with low-end trim can be set to meet the manufacturer's specified operating range. The higher low-end voltage would result in a 15% measured minimum light output.

The ability to set the low-end trim is available on select 3-Wire Fluorescent dimmers, Homeworks, and Commercial Systems products. Refer to product documentation or www.lutron.com for details.