※LUTRON®

Product Report Card

Manufacturer: **GE Lighting Solutions**

Model Number Tested: **93131038**

Other Model Numbers: LED4DST19/DLGC15, 93131039, LED4DST19/BWGC15, 93131040, LED4DST19/SWGC15, 93131043, LED4DG25/SWGW15, 93131044, LED4DG25/SWGC15, 93131050, LED4DBM/DLGC15, 93131052, LED4DCAM/DLGC15, 93131054, LED4DBM/SWGC15, 93131056, LED4DCAM/SWGC15

Manufacturer's Description

Type of Device:	LED 4.5 W ST19	Control Type:	Forward and Reverse Phase Control
Operating Voltage:	120	Dimming Range:	Not Specified
Input Power:	4.5 W	Output Power:	Not Specified
Input Current:	0.05 A	Lumen Output:	500 lm
Input Frequency:	60 Hz	Type/Shape:	ST19
		Base Type:	E26

Lutron Test Results

Date Tested	06/13/2023
Test Voltage	120 V
Test Notes	Test results valid only at 120V and 60 Hz.

Lutron Recommended Products

Lutron products not in this list can be considered to be not recommended, based on our testing.

Product	Model Number	Control Type(1)	Fixtures per Dimmer (2)	Measured Dimming Range (3) (Software Trim Settings)		Perceived Low End (4)	Comments
			Min-Max	Low End	High End		
Commercial Systems							
Vive	MRF2S-6ELV	RP	1 - 33	10%	100%	31%	
Vive	MRF2S-6CL	FP	1 - 33	3%	100%	17%	
Vive	MRF2S-6ND	FP	1 - 33	3%	100%	17%	
Panel Module	HW/LP-RPM-4A-120	RP	1 - 189	9%	100%	30%	Rating is per channel; total per module is 302.
Energi Savr Node DIN-Rail (120/277 V PRO LED+ Phase Adaptive)	QSN-4A5-S (Zones 2-4 - Reverse-Phase)	RP	1 - 91	7%	100%	27%	
Energi Savr Node DIN-Rail (120/277 V PRO LED+ Phase Adaptive)	QSN-4A5-S (Zone 1 - Reverse-Phase)	RP	1 - 135	7%	100%	27%	

Product	Model Number	Control Type[1]	Fixtures per Dimmer [2]	Measured Dimming Range [3] (Software Trim Settings)		Perceived Low End [4]	Comments
			Min-Max	Low End	High End		
Energi Savr Node DIN-Rail (120/277 V PRO LED+ Phase Adaptive)	QSN-4A5-S (Zones 2-4 - Forward-Phase)	FP	1 - 34	9%	100%	31%	
Energi Savr Node DIN-Rail (120/277 V PRO LED+ Phase Adaptive)	QSN-4A5-S (Zone 1 - Forward-Phase)	FP	1 - 45	9%	100%	31%	

Product	Model Number	Control Type[1]	Fixtures per Dimmer [2]	Measured Dimming Range [3] (Software Trim Settings)		Perceived Low End [4]	Comments
Power Modules	PHPM-PA with GRAFIK Eye QS Main Unit	RP	1 - 189	9%	100%	30%	
Power Modules	PHPM-WBXwith 3-wire fluorescent control	RP	1 - 189	9%	100%	30%	

Residential Systems

Product	Model Number	Control Type[1]	Fixtures per Dimmer [2]	Measured Dimming Range [3] (Software Trim Settings)		Perceived Low End [4]	Comments
Caseta Wireless	PD-6WCL (SD12)	FP	1 - 33	3%	100%	17%	
Caseta Wireless	PD-10NXD (SD12) without neutral	FP	1 - 55	3%	100%	17%	
RA2 Select/RadioRA 2/RadioRA 3	RRD-PRO, RP, no neutral (default)	RP	1 - 55	10%	100%	31%	
HomeWorks QS/HomeWorks QSX	HQRx-PRO, RP, no neutral (default)	RP	1 - 55	10%	100%	31%	
RA2 Select/RadioRA 2/RadioRA 3	RRD-PRO, RP, w/ neutral (default)	RP	1 - 55	10%	100%	31%	
HomeWorks QS/HomeWorks QSX	HQRx-PRO, RP, w/ neutral (default)	RP	1 - 55	10%	100%	31%	
RadioRA 3	RRST-PRO-N, RP	RP	1 - 55	10%	100%	31%	
HomeWorks QSX	HRST-PRO-N, RP	RP	1 - 55	10%	100%	31%	
Caseta WirelessPhase Selectable	PD-5NE	RP	1 - 55	10%	100%	31%	
RA2 Select/RadioRA 2/RadioRA 3	RRD-10ND	FP	1 - 33	3%	100%	17%	
HomeWorks QS/HomeWorks QSX	HQRD-6ND	FP	1 - 33	3%	100%	17%	
HomeWorks	HxD-6ND	FP	1 - 33	3%	100%	17%	
HomeWorks QS/HomeWorks QSX	HQRD-10ND	FP	1 - 33	3%	100%	17%	
Caseta Wireless	DVRF-6L (Vogelkop)	FP	1 - 33	3%	100%	17%	
RadioRA 2/RadioRA 3	Hybrid Keypad LED+ RRD-HN6BRL	FP	1 - 22	3%	100%	17%	Installation with a neutral wire is required.
HomeWorks QS/HomeWorks QSX	Hybrid Keypad LED+ HQRD-HN6BRL	FP	1 - 22	3%	100%	17%	Installation with a neutral wire is required.
HomeWorks QS/HomeWorks QSX	HQRT-G25LW (H2) without neutral	FP	1 - 55	3%	100%	17%	2 lamp minimum required without neutral.
RadioRA 2	RRT-G25LW (R3) without neutral	FP	1 - 55	3%	100%	17%	2 lamp minimum required without neutral.

Product	Model Number	Control Type[1]	Fixtures per Dimmer [2]	Measured Dimming Range [3] (Software Trim Settings)		Perceived Low End [4]	Comments
			Min-Max	Low End	High End		
Panel Module	HW/LP-RPM-4A-120	RP	1 - 189	9%	100%	30%	Rating is per channel; total per module is 302.
HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive)	LQSE-4A5-120-D (Zones 2-4 - Reverse-Phase)	RP	1 - 91	7%	100%	27%	
HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive)	LQSE-4A5-120-D (Zone 1 - Reverse-Phase)	RP	1 - 135	7%	100%	27%	
HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive)	LQSE-4A5-120-D (Zones 2-4 - Forward-Phase)	FP	1 - 34	9%	100%	31%	
HomeWorks QS/HomeWorks QSX DIN-Rail Power Module (120/277 V PRO LED+ Phase Adaptive)	LQSE-4A5-120-D (Zone 1 - Forward-Phase)	FP	1 - 45	9%	100%	31%	
WallBox Dimmers							
Standard 150W LED+ Dimmers	AYCL-153P, CTCL-153P, DVCL-153P, LECL-153P, SCL-153P, TGCL-153P	FP	1 - 33	5%	100%	23%	
Diva/Ariadni C250W	250W CL dimmers (T5,T8)	FP	1 - 55	5%	100%	23%	
Nova T* 250W	NTCL-250 (T8)	FP	1 - 55	5%	100%	23%	
Slide to-off 150W LED+ Dimmers	CTCL-150 / LECL-150	FP	1 - 33	5%	100%	23%	
Dalia LED+	RCL-153PNL	FP	1 - 33	5%	100%	23%	
Maestro LED+	MACL-153M (TX)	FP	1 - 33	4%	100%	19%	
Sunnata LED+	STCL-153	FP	1 - 33	4%	100%	19%	
Maestro Sensor	MSCL-OP153M (T2)/MSCL-VP153M (T2)	FP	1 - 33	4%	100%	19%	
Maestro LED+	MACL-LFQ	FP	1 - 16	4%	100%	19%	
Diva/Skylark ContourReverse Phase LED Preset Dimmers	DVRP-253PCTRP-253P	RP	1 - 55	7%	95%	27%	
Nova T*Reverse Phase LEDSlide to-off Dimmer	NTRP-250	RP	1 - 55	7%	95%	27%	
Maestro PRO LED+	MA-PRO, RP, no neutral (default)	RP	1 - 55	10%	100%	31%	
Maestro PRO LED+	MA-PRO, RP, w/ neutral (default)	RP	1 - 55	10%	100%	31%	
Sunnata PRO LED+	ST-PRO-N, RP	RP	1 - 55	10%	100%	31%	
Grafik T	Phase Selectable GT-5NEM/ GTJ-5NEM	RP	1 - 55	10%	100%	31%	
Grafik T	GT-150 (T6) without neutral	FP	1 - 33	3%	100%	17%	2 lamp minimum required without neutral.

Product	Model Number	Control Type[1]	Fixtures per Dimmer [2]	Measured Dimming Range [3] (Software Trim Settings)		Perceived Low End [4]	Comments
			Min-Max	Low End	High End		
Grafik T	GTJ-150 (M6) without neutral	FP	1 - 33	3%	100%	17%	2 lamp minimum required without neutral.
Grafik T	GTJ-250M (M6)/GT-250M (T7) without neutral	FP	1 - 55	3%	100%	17%	2 lamp minimum required without neutral.
Notes:	* Identical model numbers with different compatibility codes may have different performance; (_) means there is no compatibility code assigned; contact technical support for additional information. (1) Control types of FP and RP represent Forward Phase and Reverse Phase, respectively. See product literature for details. (2) Maximum Fixtures per Dimmer value represents the maximum safe loading of the control. (3) Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability. Values are set to optimize performance, such as reducing dead travel, ensuring that fixtures turn on at low end, reducing turn-on time at low end, and trimming out instability. Software trim values are indicated in parentheses when applicable. (4) Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. (5) Interfaces have been tested with the listed control; any compatible dimmer may be used instead, but high end/low end light levels may vary slightly.

For any questions on this report, please contact the Lutron LED Center of Excellence at 877-DIM-LED8 or leds@lutron.com.

This information was posted with the consent and cooperation of the device manufacturer. Please be aware that device manufacturers may modify their product at any time, without notice to Lutron, and therefore Lutron cannot ensure future compatibility. For more detailed and up to date fixture specifications, performance and/or any related recall information, visit the manufacturer's website. The latest Lutron test results can always be found at www.lutron.com/LEDtool.