

**Philips LED Lamps**  
**6.5W WarmGlow**



Applicable Philips Part Numbers  
9290011278 (454538)  
9290011279 (454546)

NO DIMMER							
Number of Lamps							
1	2	3	4	5	6	7	8

Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV								
	RS12-80	80	ELV								
	RS12-80-277M	80	ELV								
	RS12-150	150	ELV								
	RS12-15M-LED	15	ELV								
	RS12-60M-LED*	60	ELV								
GE / LightTech	LET 60	60	ELV								
	LET-60-LW	60	ELV								
	LET-75	75	ELV								
	LET-75-277-R	75	ELV								
Keystone	KTET-60-1-WC-F	60	ELV								
	KTET-60-1-SCP-DIM-AL	60	ELV								
	KTET-75-2-SCP-RJS	75	ELV								
	KTET-75-1-SCP-DIM-HV-AL	75	ELV								
	KTET-150-1-SCP-DIM	150	ELV								
Philips	71A9743	75	MLV								
	71A9833	75	MLV								

KEY	
PASS	Transformer/lamp combination is compatible for the quantity of lamps indicated
FAIL	Transformer/lamp combination is not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**6.5W WarmGlow**



Applicable Philips Part Numbers
9290011278 (454538)
9290011279 (454546)

WALL BOX DIMMERS											
Lutron								Leviton			
MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10

Transformer Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10
HATCH	RS12-60M	ELV	1	4-98%	5-99%	5-99%	4-99%	NR	NR	NR	NR	32-99%	23-98%	NR	NR
	RS12-80	ELV	1	7-99%	4-99%	4-99%	5-99%	NR	NR	NR	NR	32-99%	27-98%	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	5-98%	4-99%	4-99%	3-99%	NR	NR	NR	NR	39-98%	35-99%	NR	NR
	RS12-15M-LED	ELV	1	7-99%	3-98%	4-99%	4-98%	NR	NR	NR	NR	47-98%	39-98%	NR	NR
	RS12-60M-LED	ELV	1	6-99%	3-97%	5-99%	6-99%	NR	NR	NR	NR	37-99%	29-98%	NR	NR
GE / LightTech	LET-60	ELV	1	13-99%	5-99%	3-99%	5-99%	NR	NR	NR	NR	33-99%	23-98%	NR	NR
	LET-60-LW	ELV	1	13-99%	5-99%	5-98%	4-100%	NR	NR	NR	NR	33-99%	25-100%	NR	NR
	LET-75	ELV	1	4-100%	2-99%	6-100%	1-100%	NR	NR	NR	NR	32-100%	31-100%	NR	NR
Keystone	LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-60-1-WC-F	ELV	1	4-100%	4-100%	4-98%	3-99%	NR	NR	NR	NR	43-99%	24-98%	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	9-98%	9-94%	8-97%	4-100%	NR	NR	NR	NR	34-98%	23-99%	NR	NR
	KTET-75-2-SCP-RJS	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Philips	KTET-75-1-SCP-DIM-HV-AL	ELV	1	11-99%	8-99%	6-98%	5-100%	NR	NR	NR	NR	24-99%	18-98%	NR	NR
	KTET-150-1-SCP-DIM	ELV	1	11-99%	7-98%	4-99%	5-99%	NR	NR	NR	NR	31-99%	21-99%	NR	NR
	71A9743	MLV	1	NR	4-98%	NR	NR	NR	4-99%	3-100%	5-100%	NR	NR	11-98%	34-93%
71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	

PANEL DIMMERS			
Lutron			
GP (Harrier) Card with PHPM-WMX-120 <sup>2</sup>	LCP-1Q1A-120FT with RPM-4A-120 <sup>2</sup>	GP (Harrier) Card <sup>2</sup>	HW/LP-RPM-4U-120 <sup>2</sup>
1-100%	4-100%	NR	NR
1-99%	3-100%	NR	NR
NR	NR	NR	NR
1-100%	4-100%	NR	NR
2-100%	7-99%	NR	NR
2-100%	7-100%	NR	NR
4-99%	1-100%	NR	NR
1-99%	2-100%	NR	NR
4-98%	2-100%	NR	NR
NR	NR	NR	NR
2-99%	2-100%	NR	NR
4-100%	33-97%	NR	NR
NR	NR	NR	NR
5-100%	4-97%	NR	NR
2-94%	3-100%	NR	NR
NR	NR	1-100%	1-100%
NR	NR	NR	NR

<sup>1</sup> Audible noise may be observed when used with this dimmer, depending on the application.

<sup>2</sup> This dimmer has low end trim adjustment that may be used for optimal performance.

KEY (May exhibit one or several of the described parameters within the group)	
Best	No flicker observed in specified dimming range. Possible minor pop-on.
NR	Use of this dimmer/lamp combination not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20% ) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Dimmer/Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**6.5W AirFlux**



Applicable Philips Part Numbers
9290011231 (452514)
9290011232 (453506)
9290011233 (453498)

NO DIMMER							
Number of Lamps							
1	2	3	4	5	6	7	8

Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV	[Compatibility Matrix: Green for Pass, Orange for Fail]							
	RS12-80	80	ELV								
	RS12-80-277M	80	ELV								
	RS12-150	150	ELV								
	RS12-15M-LED	15	ELV								
	RS12-60M-LED*	60	ELV								
GE / LightTech	LET 60	60	ELV								
	LET-60-LW	60	ELV								
	LET-75	75	ELV								
Keystone	LET-75-277-R	75	ELV								
	KTET-60-1-WC-F	60	ELV								
	KTET-60-1-SCP-DIM-AL	60	ELV								
	KTET-75-2-SCP-RJS	75	ELV								
	KTET-75-1-SCP-DIM-HV-AL	75	ELV								
Philips	KTET-150-1-SCP-DIM	150	ELV								
	71A9743	75	MLV								
	71A9833	75	MLV								

KEY	
PASS	Transformer/lamp combination is compatible for the quantity of lamps indicated
FAIL	Transformer/lamp combination is not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**6.5W AirFlux**



Applicable Philips Part Numbers
9290011231 (452514)
9290011232 (453506)
9290011233 (453498)

WALL BOX DIMMERS											
Lutron								Leviton			
MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10

PANEL DIMMERS			
Lutron			
GP (Harrier) Card with PHPM-WMX-120 <sup>2</sup>	LCP-1Q1A-120FT with RPM-4A-120 <sup>2</sup>	GP (Harrier) Card <sup>2</sup>	HW/LP-RPM-4U-120 <sup>2</sup>

Transformer Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10
HATCH	RS12-60M	ELV	1	8-99%	4-100%	4-100%	5-99%	NR	NR	NR	NR	32-98%	26-99%	NR	NR
	RS12-80	ELV	1	9-98%	3-99%	4-99%	5-98%	NR	NR	NR	NR	34-99%	28-98%	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	5-98%	3-99%	4-99%	4-99%	NR	NR	NR	NR	41-98%	35-99%	NR	NR
	RS12-15M-LED	ELV	1	4-99%	3-98%	4-99%	5-98%	NR	NR	NR	NR	47-99%	39-98%	NR	NR
GE / LightTech	RS12-60M-LED	ELV	1	6-99%	3-97%	5-100%	4-99%	NR	NR	NR	NR	37-99%	31-98%	NR	NR
	LET-60	ELV	1	12-99%	4-98%	3-100%	5-99%	NR	NR	NR	NR	34-99%	24-98%	NR	NR
	LET-60-LW	ELV	1	10-99%	5-99%	5-98%	4-100%	NR	NR	NR	NR	32-99%	21-100%	NR	NR
	LET-75	ELV	1	20-100%	17-100%	10-100%	10-100%	NR	NR	NR	NR	27-100%	35-100%	NR	NR
Keystone	LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-60-1-WC-F	ELV	1	5-99%	4-100%	4-98%	3-99%	NR	NR	NR	NR	45-99%	29-97%	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	10-99%	9-94%	8-97%	4-99%	NR	NR	NR	NR	34-98%	23-99%	NR	NR
	KTET-75-2-SCP-RJS	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Philips	KTET-75-1-SCP-DIM-HV-AL	ELV	1	13-99%	8-99%	6-98%	4-100%	NR	NR	NR	NR	29-99%	19-98%	NR	NR
	KTET-150-1-SCP-DIM	ELV	1	9-99%	8-98%	4-99%	4-99%	NR	NR	NR	NR	33-99%	22-98%	NR	NR
	71A9743	MLV	1	NR	4-98%	NR	NR	4-99%	5-99%	5-98%	5-100%	NR	NR	13-98%	35-93%
	71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

36-100%	1-100%	NR	NR
36-100%	1-100%	NR	NR
NR	NR	NR	NR
35-100%	1-100%	NR	NR
36-100%	1-100%	NR	NR
35-100%	1-100%	NR	NR
36-100%	4-100%	NR	NR
35-100%	1-100%	NR	NR
10-100%	7-100%	NR	NR
NR	NR	NR	NR
35-100%	7-100%	NR	NR
36-100%	5-100%	NR	NR
NR	NR	NR	NR
37-100%	5-100%	NR	NR
38-100%	1-100%	NR	NR
NR	NR	34-100%	1-100%
NR	NR	NR	NR

<sup>1</sup> Audible noise may be observed when used with this dimmer, depending on the application.

<sup>2</sup> This dimmer has low end trim adjustment that may be used for optimal performance.

KEY (May exhibit one or several of the described parameters within the group)	
Best	No flicker observed in specified dimming range. Possible minor pop-on.
NR	Use of this dimmer/lamp combination not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20% ) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Dimmer/Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**7W AirFlux**



Applicable Philips Part Numbers
9290002627 (432658)
9290002628 (432666)
9290002629 (432674)
9290002373 (432591)
9290002374 (432609)
9290002375 (432617)
9290002376 (432625)
9290002377 (432633)
9290002378 (432641)
9290002630 (433623)
9290002631 (433631)
9290002633 (433649)
9290002634 (433656)

NO DIMMER							
Number of Lamps							
1	2	3	4	5	6	7	8

Transformer													
Brand	Part #	Power [W]	Type										
HATCH	RS12-60M	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-80	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-80-277M	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-150	150	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-15M-LED	15	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-60M-LED*	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
GE / LightTech	LET 60	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-60-LW	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-75	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Keystone	LET-75-277-R	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-WC-F	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-SCP-DIM-AL	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-75-2-SCP-RJS	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Philips	KTET-75-1-SCP-DIM-HV-AL	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-150-1-SCP-DIM	150	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	71A9743	75	MLV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	71A9833	75	MLV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL

KEY	
PASS	Transformer/lamp combination is compatible for the quantity of lamps indicated
FAIL	Transformer/lamp combination is not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**

**7W AirFlux**



Applicable Philips Part Numbers	
9290002627 (432658), 9290002628 (432666), 9290002629 (432674), 9290002373 (432591)	
9290002374 (432609), 9290002375 (432617), 9290002376 (432625), 9290002377 (432633)	
9290002378 (432641), 9290002630 (433623), 9290002631 (433631), 9290002633 (433649)	
9290002634 (433656)	

				WALL BOX DIMMERS											
				Lutron								Leviton			
				MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10
Transformer Brand	Part #	Type	Number of Lamps												
HATCH	RS12-60M	ELV	1	7-100%	4-98%	4-100%	6-94%	NR	NR	NR	NR	41-99%	30-100%	NR	NR
	RS12-80	ELV	1	6-100%	5-98%	4-100%	4-99%	NR	NR	NR	NR	39-100%	28-100%	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	5-99%	6-99%	5-100%	4-91%	NR	NR	NR	NR	38-100%	26-100%	NR	NR
	RS12-15M-LED	ELV	1	5-100%	5-99%	3-100%	7-99%	NR	NR	NR	NR	41-100%	30-100%	NR	NR
	RS12-60M-LED	ELV	1	5-99%	8-98%	3-100%	5-99%	NR	NR	NR	NR	42-100%	29-100%	NR	NR
GE / LightTech	LET 60	ELV	1	6-100%	3-98%	4-100%	6-94%	NR	NR	NR	NR	32-100%	21-100%	NR	NR
	LET-60-LW	ELV	1	12-99%	7-99%	5-99%	5-98%	NR	NR	NR	NR	41-100%	28-100%	NR	NR
	LET-75	ELV	1	20-100%	17-100%	10-100%	10-100%	NR	NR	NR	NR	27-100%	35-100%	NR	NR
	LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Keystone	KTET-60-1-WC-F	ELV	1	8-99%	8-98%	4-99%	6-94%	NR	NR	NR	NR	35-100%	28-100%	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	7-100%	5-99%	3-100%	7-94%	NR	NR	NR	NR	7-99%	7-100%	NR	NR
	KTET-75-2-SCP-RJS	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-75-1-SCP-DIM-HV-AL	ELV	1	5-99%	4-98%	3-100%	7-100%	NR	NR	NR	NR	7-98%	7-96%	NR	NR
Philips	KTET-150-1-SCP-DIM	ELV	1	5-100%	9-98%	7-79%	5-60%	NR	NR	NR	NR	7-76%	7-100%	NR	NR
	71A9743	MLV	1	NR	4-98%	NR	NR	4-99%	37-100%	40-100%	5-100%	NR	NR	33-100%	40-100%
	71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

PANEL DIMMERS			
Lutron			
GP (Harrier) Card with PHPM-WMX-120 <sup>2</sup>	LCP-1Q1A-120FT with RPM-4A-120 <sup>2</sup>	GP (Harrier) Card <sup>2</sup>	HW/LP-RPM-4U-120 <sup>2</sup>
36-100%	1-100%	NR	NR
36-100%	1-100%	NR	NR
NR	NR	NR	NR
35-100%	1-100%	NR	NR
36-100%	1-100%	NR	NR
35-100%	1-100%	NR	NR
36-100%	4-100%	NR	NR
35-100%	1-100%	NR	NR
10-100%	7-100%	NR	NR
NR	NR	NR	NR
35-100%	7-100%	NR	NR
36-100%	5-100%	NR	NR
NR	NR	NR	NR
37-100%	5-100%	NR	NR
38-100%	1-100%	NR	NR
NR	NR	34-100%	1-100%
NR	NR	NR	NR

<sup>1</sup> Audible noise may be observed when used with this dimmer, depending on the application.

<sup>2</sup> This dimmer has low end trim adjustment that may be used for optimal performance.

KEY (May exhibit one or several of the described parameters within the group)	
Best	No flicker observed in specified dimming range. Possible minor pop-on.
NR	Use of this dimmer/lamp combination not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Dimmer/Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**10W High Output**



Applicable Philips Part Numbers
9290002600 (432393)
9290002601 (432401)
9290002602 (432419)
9290002603 (432427)
9290002604 (432435)
9290002605 (432443)

NO DIMMER							
Number of Lamps							
1	2	3	4	5	6	7	8

Transformer													
Brand	Part #	Power [W]	Type										
HATCH	RS12-60M	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-80	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-80-277M	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-150	150	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-15M-LED	15	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-60M-LED	60	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
GE / LightTech	LET 60	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-60-LW	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-75	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Keystone	LET-75-277-R	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-WC-F	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-SCP-DIM-AL	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-75-2-SCP-RJS	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Philips	KTET-75-1-SCP-DIM-HV-AL	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-150-1-SCP-DIM	150	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Philips	71A9743	75	MLV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	71A9833	75	MLV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL

KEY	
PASS	Transformer/lamp combination is compatible for the quantity of lamps indicated
FAIL	Transformer/lamp combination is not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

\*Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

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**Philips LED Lamps**  
**10W High Output**



Applicable Philips Part Numbers
9290002600 (432393), 9290002601 (432401), 9290002602 (432419), 9290002603 (432427) 9290002604 (432435), 9290002605 (432443)

Transformer				WALL BOX DIMMERS											
Brand	Part #	Type	Number of Lamps	Lutron						Leviton					
				MAELV-600	RRD-6NA <sup>2</sup>	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 <sup>2</sup>	6615	IPE04	6613	IPM10
HATCH	RS12-60M	ELV	1	6-100%	5-98%	6-100%	34-100%	NR	NR	NR	NR	34-100%	25-100%	NR	NR
	RS12-80	ELV	1	7-100%	4-99%	6-99%	4-99%	NR	NR	NR	NR	35-100%	18-100%	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	6-100%	7-98%	6-100%	6-100%	NR	NR	NR	NR	30-100%	20-100%	NR	NR
	RS12-15M-LED	ELV	1	9-100%	4-99%	6-100%	8-100%	NR	NR	NR	NR	38-100%	26-100%	NR	NR
	RS12-60M-LED	ELV	1	5-100%	5-98%	5-99%	6-99%	NR	NR	NR	NR	33-100%	20-100%	NR	NR
GE / LightTech	LET 60	ELV	1	6-100%	4-99%	5-100%	6-100%	NR	NR	NR	NR	24-100%	13-100%	NR	NR
	LET-60-LW	ELV	1	6-100%	5-99%	6-100%	6-100%	NR	NR	NR	NR	38-100%	28-100%	NR	NR
	LET-75	ELV	1	3-100%	8-100%	6-100%	11-100%	NR	NR	NR	NR	38-100%	38-100%	NR	NR
Keystone	KTET-60-1-WC-F	ELV	1	6-100%	5-100%	7-100%	8-100%	NR	NR	NR	NR	34-100%	25-100%	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	6-100%	5-100%	4-100%	6-100%	NR	NR	NR	NR	8-100%	6-100%	NR	NR
	KTET-75-2-SCP-RJS	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-75-1-SCP-DIM-HV-AL	ELV	1	6-100%	3-99%	5-100%	6-100%	NR	NR	NR	NR	6-100%	6-100%	NR	NR
Philips	KTET-150-1-SCP-DIM	ELV	1	6-100%	6-98%	6-100%	6-100%	NR	NR	NR	NR	6-100%	6-100%	NR	NR
	71A9743	MLV	1	NR	4-98%	NR	NR	5-98%	29-100%	37-100%	5-98%	NR	NR	25-100%	34-100%
	71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

<sup>1</sup> Audible noise may be observed when used with this dimmer, depending on the application.

<sup>2</sup> This dimmer has low end trim adjustment that may be used for optimal performance.

KEY (May exhibit one or several of the described parameters within the group)	
Best	No flicker observed in specified dimming range. Possible minor pop-on.
NR	Use of this dimmer/lamp combination not recommended for the quantity of lamps indicated.

Note:  
 (1) Transformer load is limited to 20% of the halogen rating unless other value recommended by the transformer manufacturer.  
 (2) Number of Lamps = (Transformer Watts x 20%) / (Lamp Watts)  
 (3) Transformers designed for LED loads are not subjected to this derating rule.

PANEL DIMMERS			
Lutron			
GP (Harrier) Card with PHPM-WMX-120 <sup>2</sup>	LCP-1Q1A-120FT with RPM-4A-120 <sup>2</sup>	GP (Harrier) Card <sup>2</sup>	HW/LP-RPM-4U-120 <sup>2</sup>
35-100%	1-100%	NR	NR
36-100%	2-100%	NR	NR
NR	NR	NR	NR
35-100%	1-100%	NR	NR
36-100%	1-100%	NR	NR
35-100%	2-100%	NR	NR
35-100%	4-100%	NR	NR
36-100%	1-100%	NR	NR
5-100%	10-100%	NR	NR
NR	NR	NR	NR
35-100%	5-100%	NR	NR
35-100%	6-100%	NR	NR
NR	NR	NR	NR
36-100%	36-100%	NR	NR
37-100%	37-100%	NR	NR
NR	NR	34-100%	1-100%
NR	NR	NR	NR

\*Dimmer/Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.

