

PHILIPS

Compatibility listing



Low Voltage Dimmer Transformer Compatibility

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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 grid with green and orange cells]							
	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	[Compatibility grid with green and orange cells]							
	LET-60-LW	60	ELV								
	LET-75	75	ELV								
	LET-75-277-R	75	ELV								
Keystone	KTET-60-1-WC-F	60	ELV	[Compatibility grid with green and orange cells]							
	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	[Compatibility grid with green and orange cells]							
	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.

† This transformer should have less than Three(3) units on a single branch of mains.
 *Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.



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 ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	6615	IPE04	6613	IPM10	
Transformer	Brand	Part #	Type	Number of Lamps												
HATCH	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
		RS12-60M-LED†	ELV	1	6-99%	3-97%	5-100%	4-99%	NR	NR	NR	NR	37-99%	31-98%	NR	NR
GE / LightTech	GE / LightTech	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
		LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Keystone	Keystone	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
		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
Philips	Philips	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

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

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

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)

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

Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV	PASS				FAIL			
	RS12-80	80	ELV	PASS				FAIL			
	RS12-80-277M	80	ELV	PASS				FAIL			
	RS12-150	150	ELV	PASS				FAIL			
	RS12-15M-LED †	15	ELV	PASS				FAIL			
	RS12-60M-LED*†	60	ELV	PASS				FAIL			
GE / LightTech	LET 60	60	ELV	PASS				FAIL			
	LET-60-LW	60	ELV	PASS				FAIL			
	LET-75	75	ELV	PASS				FAIL			
	LET-75-277-R	75	ELV	PASS				FAIL			
Keystone	KTET-60-1-WC-F	60	ELV	PASS				FAIL			
	KTET-60-1-SCP-DIM-AL	60	ELV	PASS				FAIL			
	KTET-75-2-SCP-RJS	75	ELV	PASS				FAIL			
	KTET-75-1-SCP-DIM-HV-AL	75	ELV	PASS				FAIL			
	KTET-150-1-SCP-DIM	150	ELV	PASS				FAIL			
Philips	71A9743	75	MLV	PASS				FAIL			
	71A9833	75	MLV	PASS				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.
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*Transformer tested only to the quantity of lamps indicated. May work similarly with additional



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 ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	6615	IPE04	6613	IPM10		
Transformer	Brand	Part #	Type	Number of Lamps													
HATCH	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	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	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	
Keystone	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	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	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	
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			
Philips	Philips	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 ²	LCP-1Q1A-120FT with RPM-4A-120 ²	GP (Harrier) Card ²	HW/LP-RPM-4U-120 ²
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

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps
10W High Output



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

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

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

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

Philips LED Lamps
10W High Output



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

				WALL BOX DIMMERS												
				Lutron								Leviton				
				MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	6615	IPE04	6613	IPM10	
Transformer	Brand	Part #	Type	Number of Lamps												
HATCH	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	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
		LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Keystone	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
		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
Philips	Philips	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

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

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

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	PASS	PASS						
	RS12-80	80	ELV		PASS						
	RS12-80-277M	80	ELV		PASS						
	RS12-150	150	ELV		PASS						
	RS12-15M-LED †	15	ELV		PASS						
	RS12-60M-LED*†	60	ELV		PASS						
GE / LightTech	LET 60	60	ELV	PASS	PASS						
	LET-60-LW	60	ELV		PASS						
	LET-75	75	ELV		PASS						
	LET-75-277-R	75	ELV		PASS						
Keystone	KTET-60-1-WC-F	60	ELV	PASS	PASS						
	KTET-60-1-SCP-DIM-AL	60	ELV		PASS						
	KTET-75-2-SCP-RJS	75	ELV		PASS						
	KTET-75-1-SCP-DIM-HV-AL	75	ELV		PASS						
	KTET-150-1-SCP-DIM	150	ELV		PASS						
Philips	71A9743	75	MLV	PASS	PASS						
	71A9833	75	MLV		PASS						

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.
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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 ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	6615	IPE04	6613	IPM10

Transformer	Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	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
		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	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
		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
Philips		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 ²	LCP-1Q1A-120FT with RPM-4A-120 ²	GP (Harrier) Card ²	HW/LP-RPM-4U-120 ²

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

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps
6.6W AirFlux2



Applicable Philips Part Numbers
9290011518 (457580)
9290011522 (457606)

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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

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Philips LED Lamps
6.6W AirFlux2



Applicable Philips Part Numbers
9290011518 (457580), 9290011522 (457606)

				WALL BOX DIMMERS												
				Lutron								Leviton				
				MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	NLV-600 ²	6615	IPE04	6613	IPM10	
Transformer	Brand	Part #	Type	Number of Lamps												
HATCH		RS12-60M	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-80	ELV	1					NR	NR	NR	NR	NR		NR	NR
		RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		RS12-150	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-15M-LED †	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-60M-LED†	ELV	1					NR	NR	NR	NR			NR	NR
GE / LightTech		LET 60	ELV	1			NR		NR	NR	NR	NR			NR	NR
		LET-60-LW	ELV	1					NR	NR	NR	NR			NR	NR
		LET-75	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
		KTET-60-1-SCP-DIM-AL	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
		KTET-150-1-SCP-DIM	ELV	1					NR	NR	NR	NR		2 lamp	NR	NR
Philips		71A9743	MLV	1	NR		NR	NR	2 lamp				NR	NR		
		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 ²	LCP-1Q1A-120FT with RPM-4A-120 ²	GP (Harrier) Card ²	HW/LP-RPM-4U-120 ²
		NR	NR
NR	NR	NR	NR
NR	NR	NR	NR
		NR	NR
		NR	NR
		NR	NR
		NR	NR
		NR	NR
NR	NR	NR	NR
		NR	NR
NR	NR	NR	NR
NR	NR	NR	NR

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps
7W AirFlux2



Applicable Philips Part Numbers
9290011528 (461558)
9290011529 (461566)
9290011530 (461574)
9290011531 (461582)
9290011532 (461590)
9290011533 (461608)
9290011525 (461525)
9290011526 (461533)
9290011527 (461541)
9290012080 (461509)

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

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

† This transformer should have less than Three(3) units on a single branch of mains.
 *Transformer tested only to the quantity of lamps indicated. May work similarly with additional



Philips LED Lamps
7W AirFlux2



Applicable Philips Part Numbers
9290011528 (461558), 9290011529 (461566), 9290011530 (461574), 9290011531 (461582), 9290011532 (461590), 9290011533 (461608), 9290011525 (461525), 9290011526 (461533), 9290011527 (461541), 9290012080 (461509)

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

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

Transformer	Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10	
HATCH		RS12-60M	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-80M	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		RS12-150	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-15M-LED †	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-60M-LED†	ELV	1					NR	NR	NR	NR			NR	NR	
GE / LightTech		LET 60	ELV	1					NR	NR	NR	NR			NR	NR	
		LET-60-LW	ELV	1					NR	NR	NR	NR			NR	NR	
		LET-75	ELV	1					NR	NR	NR	NR			NR	NR	
	LET-75-277-R	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Keystone		KTET-60-1-WC-F	ELV	1					NR	NR	NR	NR			NR	NR	
		KTET-60-1-SCP-DIM-AL	ELV	1					NR	NR	NR	NR			NR	NR	
		KTET-75-2-SCP-RJS	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		KTET-75-1-SCP-DIM-HV-AL	ELV	1					NR	NR	NR	NR			NR	NR	
		KTET-150-1-SCP-DIM	ELV	1					NR	NR	NR	NR			NR	NR	
Philips		71A9743	MLV	1	NR		NR	NR					NR	NR			
		71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	

		NR	NR
		NR	NR
NR	NR	NR	NR
		NR	NR
		NR	NR
		NR	NR
		NR	NR
NR	NR	NR	NR
		NR	NR
		NR	NR
NR	NR	NR	NR
NR	NR	NR	NR

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps

8.5W AirFlux2



Applicable Philips Part Numbers
9290011498 (457507)
9290011499 (457515)
9290011500 (457523)
9290011501 (457531)
9290011502 (457549)
9290011503 (457556)
9290011504 (457572)

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	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	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
	LET-75-277-R	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Keystone	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
	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
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.

† This transformer should have less than Three(3) units on a single branch of mains.

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



Philips LED Lamps
8.5W AirFlux2



Applicable Philips Part Numbers
9290011498 (457507), 9290011499 (457515), 9290011500 (457523), 9290011501 (457531)
9290011502 (457549), 9290011503 (457556), 9290011504 (457572)

				WALL BOX DIMMERS												
				Lutron								Leviton				
				MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10	
Transformer	Brand	Part #	Type	Number of Lamps												
HATCH		RS12-60M	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-80M	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		RS12-150	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-15M-LED †	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-60M-LED†	ELV	1					NR	NR	NR	NR			NR	NR
GE / LightTech		LET 60	ELV	1					NR	NR	NR	NR			NR	NR
		LET-60-LW	ELV	1					NR	NR	NR	NR			NR	NR
		LET-75	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
		KTET-60-1-SCP-DIM-AL	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
		KTET-150-1-SCP-DIM	ELV	1					NR	NR	NR	NR			NR	NR
Philips		71A9743	MLV	1	NR		NR	NR					NR	NR		
		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 ²	LCP-1Q1A-120FT with RPM-4A-120 ²	GP (Harrier) Card ²		HW/LP-RPM-4U-120 ²	
				NR	NR	NR	NR
				NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR
				NR	NR	NR	NR
				NR	NR	NR	NR
				NR	NR	NR	NR
				NR	NR	NR	NR
				NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR
				NR	NR	NR	NR
				NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR

¹ Audible noise may be observed when used with this dimmer, depending on the application.
² This dimmer has low end trim adjustment that may be used for optimal performance.
† This transformer should have less than Three(3) units on a single branch of mains.

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.



Philips LED Lamps

7.3W CorePro



Applicable Philips Part Numbers
9290018807 (533117)
9290018808 (533125)
9290018810 (533141)
9290018811 (533158)

				NO DIMMER							
				Number of Lamps							
				1	2	3	4	5	6	7	8
Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV	PASS							
	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	PASS							
	LET-60-LW	60	ELV								
	LET-75	75	ELV								
	LET-75-277-R	75	ELV								
Keystone	KTET-60-1-WC-F	60	ELV	PASS							
	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	PASS							
	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.

† This transformer should have less than Three(3) units on a single branch of mains.

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

Philips LED Lamps
7.3W CorePro



Applicable Philips Part Numbers
9290018807 (533117), 9290018808 (533125), 9290018810 (533141), 9290018811 (533158)

				WALL BOX DIMMERS												
				Lutron						Leviton						
				MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10	
Transformer	Brand	Part #	Type	Number of Lamps												
HATCH		RS12-60M	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-80M	ELV	1					NR	NR	NR	NR	NR	NR	NR	NR
		RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
		RS12-150	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-15M-LED †	ELV	1					NR	NR	NR	NR			NR	NR
		RS12-60M-LED*†	ELV	1					NR	NR	NR	NR			NR	NR
GE / LightTech		LET 60	ELV	1					NR	NR	NR	NR			NR	NR
		LET-60-LW	ELV	1					NR	NR	NR	NR			NR	NR
		LET-75	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
		KTET-60-1-SCP-DIM-AL	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR
Philips		KTET-150-1-SCP-DIM	ELV	1			NR		NR	NR	NR	NR			NR	NR
		71A9743	MLV	1	NR		NR	NR					NR	NR		
		71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

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

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps

8.5W CorePro



Applicable Philips Part Numbers
9290018813 (533513)
9290018814 (533174)
9290018815 (533521)
9290018816 (533182)
9290018817 (533190)
9290018818 (533331)

				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	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RS12-80	80	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RS12-80-277M	80	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RS12-150	150	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-15M-LED †	15	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	RS12-60M-LED*†	60	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
GE / LightTech	LET 60	60	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	LET-60-LW	60	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	LET-75	75	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	LET-75-277-R	75	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Keystone	KTET-60-1-WC-F	60	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	KTET-60-1-SCP-DIM-AL	60	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	KTET-75-2-SCP-RJS	75	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	KTET-75-1-SCP-DIM-HV-AL	75	ELV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	KTET-150-1-SCP-DIM	150	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Philips	71A9743	75	MLV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS
	71A9833	75	MLV	FAIL	PASS	PASS	PASS	PASS	PASS	PASS	PASS

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.

† This transformer should have less than Three(3) units on a single branch of mains.

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



Philips LED Lamps
8.5W CorePro



Applicable Philips Part Numbers
9290018813 (533513), 9290018814 (533174), 9290018815 (533521), 9290018816 (533182), 9290018817 (533190), 9290018818 (533331)

				WALL BOX DIMMERS													
				Lutron						Leviton							
				MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10		
Transformer	Brand	Part #	Type	Number of Lamps													
HATCH		RS12-60M	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-80M	ELV	1					NR	NR	NR	NR	NR	NR	NR	NR	
		RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
		RS12-150	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-15M-LED †	ELV	1					NR	NR	NR	NR			NR	NR	
		RS12-60M-LED*†	ELV	1					NR	NR	NR	NR			NR	NR	
GE / LightTech		LET 60	ELV	1					NR	NR	NR	NR			NR	NR	
		LET-60-LW	ELV	1					NR	NR	NR	NR			NR	NR	
		LET-75	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR	
		KTET-60-1-SCP-DIM-AL	ELV	1					NR	NR	NR	NR			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					NR	NR	NR	NR			NR	NR	
		KTET-150-1-SCP-DIM	ELV	1			NR		NR	NR	NR	NR			NR	NR	
Philips		71A9743	MLV	1	NR		NR	NR				NR	NR				
		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 ²	LCP-1Q1A-120FT with RPM-4A-120 ²	GP (Harrier) Card ²	HW/LP-RPM-4U-120 ²
		NR	NR
		NR	NR
NR	NR	NR	NR
		NR	NR
		NR	NR
		NR	NR
		NR	NR
		NR	NR
NR	NR	NR	NR
		NR	NR
NR	NR	NR	NR

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps
10W Capsule Lamp



Applicable Philips Part Numbers
9290011187 (458497)

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

Transformer			
Brand	Part #	Power [W]	Type
HATCH	RS12-60M	60	ELV
	RS12-80M	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-75-277-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
WAC	EN-1260-R-AR	60	ELV
	EN-1260-R2	60	ELV

								NR	NR						

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.

† This transformer should have less than Three(3) units on a single branch of mains.
 *Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.



Philips LED Lamps
20W Capsule Lamp



Applicable Philips Part Numbers
9290011318 (458513)

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

Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV	PASS				FAIL			
	RS12-80M	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	PASS				FAIL			
	LET-60-LW	60	ELV								
	LET-75-277-R	75	ELV								
Keystone	KTET-60-1-WC-F	60	ELV	PASS				FAIL			
	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	PASS				FAIL			
	71A9833	75	MLV								
WAC	EN-1260-R-AR	60	ELV	PASS				FAIL			
	EN-1260-R2	60	ELV								

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.

† This transformer should have less than Three(3) units on a single branch of mains.
 *Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.



Philips LED Lamps
16W AR111



Applicable Philips Part Numbers

9290011703 (458554)
9290011702 (460147)
9290011704 (460154)

				NO DIMMER							
				Number of Lamps							
				1	2	3	4	5	6	7	8
Transformer											
Brand	Part #	Power [W]	Type								
HATCH	RS12-60M	60	ELV								
	RS12-80M	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-75-277-R	75	ELV	NR							
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								
Philips	KTET-150-1-SCP-DIM	150	ELV								
	71A9743	75	MLV								
	71A9833	75	MLV	NR							

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.

† This transformer should have less than Three(3) units on a single branch of mains.

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

Philips LED Lamps
16W AR111



Applicable Philips Part Numbers
9290011703 (458554)
9290011702 (460147)
9290011704 (460154)

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

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

Transformer Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10
HATCH	RS12-60M	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-80M	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-15M-LED †	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-60M-LED*†	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
GE / LightTech	LET 60	ELV	1	NR	NR	NR		NR	NR	NR	NR		NR	NR	NR
	LET-60-LW	ELV	1	NR	NR	NR		NR	NR	NR	NR		NR	NR	NR
	LET-75	ELV	1	NR	NR			NR	NR	NR	NR		NR	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		NR			NR	NR	NR	NR			NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1		NR			NR	NR	NR	NR			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		NR			NR	NR	NR	NR			NR	NR
	KTET-150-1-SCP-DIM	ELV	1		NR			NR	NR	NR	NR			NR	NR
Philips	71A9743	MLV	1	NR		NR	NR	NR	NR	NR	NR	NR	NR		
	71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

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

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

† This transformer should have less than Three(3) units on a single branch of mains.

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.

Philips LED Lamps

20W AR111



Applicable Philips Part Numbers

9290011706 (458562)
 9290011709 (458570)
 9290011708 (460139)

				NO DIMMER										
				Number of Lamps										
				1	2	3	4	5	6	7	8	9	10	
Transformer														
Brand	Part #	Power [W]	Type											
HATCH	RS12-60M	60	ELV	PASS										
	RS12-80M	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-75-277-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											
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.

† This transformer should have less than Three(3) units on a single branch of mains.

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

Philips LED Lamps
20W AR111



Applicable Philips Part Numbers	
9290011706 (458562)	
9290011709 (458570)	
9290011708 (460139)	

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

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

Transformer Brand	Part #	Type	Number of Lamps	MAELV-600	RRD-6NA ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600P	NLV-600 ²	6615	IPE04	6613	IPM10
HATCH	RS12-60M	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-80M	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-80-277M	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	RS12-150	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-15M-LED †	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
	RS12-60M-LED*†	ELV	1	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR
GE / LightTech	LET 60	ELV	1	NR	NR	NR		NR	NR	NR	NR		NR	NR	NR
	LET-60-LW	ELV	1	NR	NR	NR		NR	NR	NR	NR		NR	NR	NR
	LET-75	ELV	1	NR	NR			NR	NR	NR	NR		NR	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		NR			NR	NR	NR	NR			NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1		NR			NR	NR	NR	NR			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		NR			NR	NR	NR	NR			NR	NR
	KTET-150-1-SCP-DIM	ELV	1		NR			NR	NR	NR	NR			NR	NR
Philips	71A9743	MLV	1	NR		NR	NR	NR	NR	NR	NR	NR	NR		
	71A9833	MLV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

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¹ Audible noise may be observed when used with this dimmer, depending on the application.
² This dimmer has low end trim adjustment that may be used for optimal performance.
† This transformer should have less than Three(3) units on a single branch of mains.

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.

