

Philips LED Lamps
6.5W AirFlux



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

WITHOUT 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								
Keystone	LET-75-277-R	75	ELV	[Compatibility grid with green and orange cells]							
	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	[Compatibility grid with green and orange cells]							
	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 ²	CTELV-303P	DVELV-300P	MALV-600	SLV-600P	NTLV-600	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-600	NLV-600 ²	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	LET-60M-LED	ELV	1	6-99%	3-97%	5-100%	4-99%	NR	NR	NR	NR	37-99%	31-98%	NR	NR
	LET-60-LW	ELV	1	12-99%	4-98%	3-100%	5-99%	NR	NR	NR	NR	34-99%	24-98%	NR	NR
	LET-75	ELV	1	10-99%	5-99%	5-98%	4-100%	NR	NR	NR	NR	32-99%	21-100%	NR	NR
Keystone	LET-75-277-R	ELV	1	20-100%	17-100%	10-100%	10-100%	NR	NR	NR	NR	27-100%	35-100%	NR	NR
	KTET-60-1-WC-F	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	5-99%	4-100%	4-98%	3-99%	NR	NR	NR	NR	45-99%	29-97%	NR	NR
	KTET-75-2-SCP-RJS	ELV	1	10-99%	9-94%	8-97%	4-99%	NR	NR	NR	NR	34-98%	23-99%	NR	NR
Philips	KTET-75-1-SCP-DIM-HV-AL	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	KTET-150-1-SCP-DIM	ELV	1	13-99%	8-99%	6-98%	4-100%	NR	NR	NR	NR	29-99%	19-98%	NR	NR
	71A9743	MLV	1	9-99%	8-98%	4-99%	4-99%	NR	NR	NR	NR	33-99%	22-98%	NR	NR
71A9833	MLV	1	NR	4-98%	NR	NR	4-99%	5-99%	5-98%	5-100%	NR	NR	13-98%	35-93%	NR
				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

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.

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)

				WITHOUT 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	FAIL							
	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)
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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 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	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
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
Philips	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
	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.

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.

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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)

				WITHOUT 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
	RS12-80	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-80-277M	80	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-150	150	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-15M-LED	15	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	RS12-60M-LED	60	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
GE / LightTech	LET 60	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-60-LW	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-75	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	LET-75-277-R	75	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-WC-F	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	KTET-60-1-SCP-DIM-AL	60	ELV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
Keystone	KTET-75-2-SCP-RJS	75	ELV	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
Philips	KTET-150-1-SCP-DIM	150	ELV	FAIL	PASS	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	71A9743	75	MLV	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
	71A9833	75	MLV	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.
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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 Brand	Part #	Type	Number of Lamps
HATCH	RS12-60M	ELV	1
	RS12-80	ELV	1
	RS12-80-277M	ELV	1
	RS12-150	ELV	1
	RS12-15M-LED	ELV	1
	RS12-60M-LED	ELV	1
GE / LightTech	LET 60	ELV	1
	LET-60-LW	ELV	1
	LET-75	ELV	1
	LET-75-277-R	ELV	1
Keystone	KTET-60-1-WC-F	ELV	1
	KTET-60-1-SCP-DIM-AL	ELV	1
	KTET-75-2-SCP-RJS	ELV	1
	KTET-75-1-SCP-DIM-HV-AL	ELV	1
Philips	71A9743	MLV	1
	71A9833	MLV	1

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		
6-100%	5-98%	6-100%	34-100%	NR	NR	NR	NR	34-100%	25-100%	NR	NR		
7-100%	4-99%	6-99%	4-99%	NR	NR	NR	NR	35-100%	18-100%	NR	NR		
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
6-100%	7-98%	6-100%	6-100%	NR	NR	NR	NR	30-100%	20-100%	NR	NR		
9-100%	4-99%	6-100%	8-100%	NR	NR	NR	NR	38-100%	26-100%	NR	NR		
5-100%	5-98%	5-99%	6-99%	NR	NR	NR	NR	33-100%	20-100%	NR	NR		
6-100%	4-99%	5-100%	6-100%	NR	NR	NR	NR	24-100%	13-100%	NR	NR		
6-100%	5-99%	6-100%	6-100%	NR	NR	NR	NR	38-100%	28-100%	NR	NR		
3-100%	8-100%	6-100%	11-100%	NR	NR	NR	NR	38-100%	38-100%	NR	NR		
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
6-100%	5-100%	7-100%	8-100%	NR	NR	NR	NR	34-100%	25-100%	NR	NR		
6-100%	5-100%	4-100%	6-100%	NR	NR	NR	NR	8-100%	6-100%	NR	NR		
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
6-100%	3-99%	5-100%	6-100%	NR	NR	NR	NR	6-100%	6-100%	NR	NR		
6-100%	6-98%	6-100%	6-100%	NR	NR	NR	NR	6-100%	6-100%	NR	NR		
NR	4-98%	NR	NR	5-98%	29-100%	37-100%	5-98%	NR	NR	25-100%	34-100%		
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.

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.
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Philips LED Lamps
6.5W WarmGlow



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

WITHOUT 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								
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)
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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

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-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
GE / LightTech	RS12-60M-LED	ELV	1	6-99%	3-97%	5-99%	6-99%	NR	NR	NR	NR	37-99%	29-98%	NR	NR
	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	

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.

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
6.6W AirFlux2



Applicable Philips Part Numbers
9290011518 (454785)
9290011522 (457606)

				WITHOUT 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
6.6W AirFlux2



Applicable Philips Part Numbers
9290011518 (454785), 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
GE / LightTech	RS12-60M-LED	ELV	1					NR	NR	NR	NR			NR	NR
	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
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
Philips	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
	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

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.

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)

				WITHOUT 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								
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
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
Transformer Brand	Part #	Type	Number of Lamps												
HATCH	RS12-60M	ELV	1	NR	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	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	NR
	RS12-15M-LED	ELV	1	NR	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	NR
GE / LightTech	LET 60	ELV	1	NR	NR	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	NR	NR
	LET-75	ELV	1	NR	NR	NR	NR	NR	NR	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	NR	NR	NR	NR	NR	NR
	KTET-60-1-SCP-DIM-AL	ELV	1	NR	NR	NR	NR	NR	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	NR	NR	NR	NR	NR
Philips	KTET-150-1-SCP-DIM	ELV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	71A9743	MLV	1	NR	NR	NR	NR	NR	NR	NR	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	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.

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
8.5W AirFlux2



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

WITHOUT 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	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	RS12-80	80	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	RS12-80-277M	80	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	RS12-150	150	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	RS12-15M-LED	15	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	RS12-60M-LED*	60	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
GE / LightTech	LET 60	60	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	LET-60-LW	60	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	LET-75	75	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Keystone	LET-75-277-R	75	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	KTET-60-1-WC-F	60	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	KTET-60-1-SCP-DIM-AL	60	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	KTET-75-2-SCP-RJS	75	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	KTET-75-1-SCP-DIM-HV-AL	75	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
Philips	KTET-150-1-SCP-DIM	150	ELV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	71A9743	75	MLV	Pass	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail	Fail
	71A9833	75	MLV	Pass	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
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

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.

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 (non-dimmable)



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																	NR	NR						
	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																								

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
20W Capsule Lamp (non-dimmable)



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	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	
Keystone	LET-75-277-R	75	ELV	PASS						FAIL	
	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	
Philips	KTET-150-1-SCP-DIM	150	ELV	PASS						FAIL	
	71A9743	75	MLV	PASS						FAIL	
WAC	71A9833	75	MLV	PASS						FAIL	
	EN-1260-R-AR	60	ELV	PASS						FAIL	
	EN-1260-R2	60	ELV	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.

*Transformer tested only to the quantity of lamps indicated. May work similarly with additional lamps.
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Philips LED Lamps
15W AR111 (non-dimmable)



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	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	PASS								
	LET-60-LW	60	ELV									
	LET-75-277-R	75	ELV		NR							
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		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.

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

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Philips LED Lamps
20W AR111 (non-dimmable)



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

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		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-75-277-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)
 (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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