

## RECOMMENDED DIMMER LIST ILLUXTRON HV-FD DOWNLIGHTS (2021)

	Manufacturer	Product ID	Type	Power	Neutral	RCS	Range	
	Flush mounted dimmers				1)	2)	min	max
1	ABB-Busch&Jaeger	6523 UR 103	RLC	2-400	X	x	0,2	100
2	CTM Lyng	MDimLed	LED	1-200	Y	x	0,0	100
3	Gira Berker Jung	1183 00/101	RL	20-500	X	?	0,0	99
4	Gira Berker Jung	1184 00/101	R	60-200	X	x	0,2	97
5	Legrand	0 02671	LED	3-75	Y	?	6,3	96
6	Legrand (Btinico)	L-N-NT4411N	LED	3-75	X	?	3,4	95
7	Lumiko /Klemko	D-PAF-200-LED	RC	1-200	X	x	0,0	98
8	Lutron	RRK-R25NE-240	LED	1-250	Y	x	0,1	98
9	Niko	310-0190X	Uni	5-325	Y	✓	0,0	98
10	Niko	310-0290X	LED	3-300	X	✓	0,1	99
11	Niko	310-0390X	Uni	3-200	X	✓	0,0	95
14	Feller	40600 RL	RL	20-300	X	x	0,0	96
15	Merten	SBD SPL	RL	9-100	X	?	0,2	100
16	Merten	SBD600 RL	RL	40-600	X	x	0,0	96
17	Simon Electric	DS9T2		5-315	Y	x	0,1	100
18	Unilamp/Belid	KDT 250 E-I	LED	5-250	X	?	0,7	98
19	Unilamp/Luzense	KTD-500 E4	LED	5-500	X	x	0,4	100
	Wireless remote controlled dimmers (Bluetooth, Zigbee, RF)				1)	2)	min	max
20	Casambi	CBU-TED Bluetooth	RC	1-100	Y	x	0,1	100
21	Dimmax (Trump)	420BLE	RLC	1-380	Y			
22	Eaton LED	CDAU-01/04	RLC	0-250	Y	x	2,0	100
23	RAKO	RMT-500	RC	1-500	Y	✓	0,0	100
24	RAKO	RMT-PILL	RC	1-250	Y	✓	0,1	98
	Wired remote control dimmers ( pulse, Din-rail etc)				1)	2)	min	max
25	Dimmax (Trump)	420SL	RLC	1-200	Y	x	2,1	98
26	Elfako	EUD61NPN-UC	RLC	400	Y	x	2,9	95
27	Niko	330-0700(=330-0701)	LED	5-350	Y	✓	0,1	100
28	Qbus	Dim02SA/500	uni	2-500	Y	✓	0,1	100

1) Y = neutral required; X = no neutral required

2) x = sensitive to RCS signals e.g. flicker; ✓ = not sensitive to RCS

This list is based on measurements in a lab environment with nominal voltage, a different voltage may result in a different dimming range. Dimmer manufacturers may change the technical design of the dimmer without informing LED lamp suppliers. These changes can influence the performance of LED products. Illuxtron cannot be held responsible for inaccuracies in the compatibility lists due to technical changes in dimmers. Disclaimer: Illuxtron will not accept claims for any damage caused by implementing the recommendations in this document.

## HV DIMMER RECOMMENDATION LIST (2019)

Manufacturer	Product ID	Type	Power	Wires*	Dimming range				RCS	
					HV-IC		HV-FD			
					min %	max %	min %	max %		
ABB-Busch&Jaeger	2250U	R	60-600	2		2,0	63	✓ 0,3	✓ 100	x
ABB-Busch&Jaeger	6523 UR 103	RLC	2-400	2		1,4	88	✓ 0,2	✓ 100	x
ABB-Busch&Jaeger	6523U	RL	2-100	2	x	x		✓ 1,0	✓ 97	x
Casambi	CBU-TED Bluetooth	RC	1-100	3	✓	0,1	✓ 100	✓ 0,1	✓ 100	x
CTM Lyng	MDimLed	LED	1-200	3	✓	0,6	✓ 100	✓ 0,0	✓ 100	x
Dimmax (Trump)	420SL	RLC	1-200	3		4,0	✓ 100	2,1	✓ 98	x
Eaton LED	CDAU-01/04	RLC	0-250	3		2,0	✓ 100	2,0	✓ 100	x
Elko	315GLE	RC	20-315	2		1,5	✓ 95	✓ 0,2	✓ 96	x
Elko	400GLI	RL	40-400	2	x	x		✓ 0,0	✓ 98	x
Eltako	EUD61NPN-UC	RLC	400	3		5,5	✓ 100	2,9	✓ 95	x
Gira Berker Jung	2819	R	50-400	2	x	x		✓ 0,7	✓ 99	x
Gira Berker Jung	286610	RL	20-500	2		13,0	✓ 100	21,0	✓ 100	OK
Gira Berker Jung	1183 00/I01	RL	20-500	2		1,3	90	✓ 0,0	✓ 99	
Gira Berker Jung	1184 00/I01	R	60-200	2	x	x		✓ 0,2	✓ 97	x
L&K	SD 600 nr 531556	RL	10- 500	2	✓	0,1	87	✓ 0,1	✓ 100	x
Legrand	0 02671	LED	3-75	3		7,4	✓ 96	6,3	✓ 96	
Legrand (Btinico)	L-N-NT4411N	LED	3-75	2		5,2	92	3,4	✓ 95	
Lumiko /Klemko	D-PAF-200-LED	RC	1-200	2	✓	0,1	93	✓ 0,0	✓ 98	x
Lutron	RRK-R25NE-240	LED	1-250	3		2,0	✓ 96	✓ 0,1	✓ 98	x
Niko	310-016	RL	50-400	2		6,0	✓ 96	2,0	✓ 99	x
Niko	310-017XX	RC	20-250	2		16,0	78	22,4	✓ 95	OK
Niko	310-0190X	Uni	5-325	3	✓	0,7	✓ 100	✓ 0,0	✓ 98	OK
Niko	310-0260	RL	40-550	2		5,9	86	6,3	✓ 99	x
Niko	310-02701	LED	40-300	2		8,0	74	10,4	✓ 96	OK
Niko	310-0280X	LED	2-100	3		2,2	✓ 100	4,7	✓ 96	OK
Niko	310-0290X	LED	3-300	2	✓	1,0	82	✓ 0,1	✓ 99	OK
Niko	310-0390X	Uni	3-200	2		1,5	92	✓ 0,0	✓ 95	OK
Niko	310-0490X	LED	4-200	2	✓	0,8	83	✓ 0,0	✓ 100	x
Niko	330-0700(=330-0701)	LED	5-350	3	✓	0,7	✓ 100	✓ 0,1	✓ 100	OK
Peha	433	R	20-250	2	✓	0,1	92	✓ 0,0	94	x
Qbus	Dim02SA/500	uni	2-500	3		2,0	✓ 100	✓ 0,1	✓ 100	OK
RAKO	RMT-500	RC	1-500	3	✓	0,1	✓ 100	✓ 0,0	✓ 100	OK
RAKO	RMT-PILL	RC	1-250	3	✓	0,6	✓ 97	✓ 0,1	✓ 98	OK
Schneider Merten Feller	40420	RLC	20-420	2	x	x		✓ 0,8	✓ 100	x
Schneider Merten Feller	40600 RL	RL	20-300	2	✓	0,1	89	✓ 0,0	✓ 96	x
Schneider Merten Feller	SBD SPL	RL	9-100	2	✓	0,2	✓ 100	✓ 0,2	✓ 100	
Schneider Merten Feller	SBD600 RL	RL	40-600	2	x	x		✓ 0,0	✓ 96	x
Schneider Merten Feller	SBD600RCRL	RLC	20-600	2		1,3	92	✓ 0,5	✓ 98	x
Simon Electric	DS9T2		5-315	3	✓	0,2	✓ 97	✓ 0,1	✓ 100	x
Unilamp/Belid	KDT 250 E-1	LED	5-250	2		1,5	70	✓ 0,7	✓ 98	
Unilamp/Luzense	KTD-500 E4	LED	5-500	2		1,6	82	✓ 0,4	✓ 100	x

✓= Recommended (min <1% / max >95%)    x = Absolutely not recommended    Please check our website for the latest information.

**RCS** = Sensitive to Ripple control signals    x = Not OK

### \* Wires:

2 = No neutral required; 3 = Neutral required.

### Brand combinations:

ABB - Busch & Jaeger

Gira - Berker - Jung

Schneider - Merten- Lauritz Knutzen - Feller