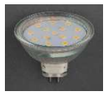
		LED	LED	LED	LED	LED	LED	LED	LED	LED
Article number:		**5973-002**	**5974-004**	**5952005**	**5953005**	**5954005**	**5955005**	**5956005**	**5957005**	**LM14-004**
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240	220-240	12	220-240
Frequenz	Hz	50	50	50/60	50/60	50/60	50/60	50/60	50/60	50
Input power:	W	2	4	5	5	5	5	5	5	3
lamp current	mA	18	40	40	40	39	39	39	580	32
Luminous flux	lm	180	380	400	400	400	400	400	400	230
Bemessungslichtstrom:						350	350	350	350	230
socket:		E14	E27	E27	E14	GU10	E14	E27	GU5,3	GU10
dimensions - high:	mm	100	107	88	103	58	78	78	49	58
dimensions - diameter:	mm	37	60	45	37	50	50	50	50	50
colour temerature:	K	2700	2700	3000	3000	3000	3000	3000	3000	3000
Switching cycles:		15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,48	0,47	0,53	0,53	0,55	0,55	0,55	0,64	0,409
EEI		0,09	0,11	0,13	0,13	0,15	0,15	0,15	0,16	0,12
Life time:	h	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad			170	170	110	110	110	110	110
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A++	A++	A+	A+	A+	A+	A+	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED	LED	LED	LED	LED	LED
Article number:		**5932003**	**5933003**	**5934004**	**5935004**	**5936004**	**5937004**	**LM13-034**	**5912004**	**5913004**
Voltage	V	220-240	220-240	220-240	12V	220-240	220-240	220-240	220-240	220-240
Frequenz	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50	50	50
Input power:	W	3	3	4	4	4	4	3	4	4
lamp current	mA	33	33	40	510	40	40	32	40	40
Luminous flux	lm	250	250	250	250	250	250	270	320	320
Bemessungslichtstrom:								220		
socket:		E27	E14	GU10	GU5.3	E14	E27	GU10	E27	E14
dimensions - high:	mm	106	105	55	45	68	68	55	75	106
dimensions - diameter:	mm	46	36	50	50	50	50	50	45	38
colour temerature:	K	2700	2700	3000	3000	3000	3000	3000	2700	2700
Switching cycles:		15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,513	0,412	0,413	0,646	0,413	0,413	0,41	0,45	0,45
EEI		0,12	0,121	0,16	0,163	0,16	0,16	0,13	0,128	0,131
Life time:	h	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad	120	120	120	120	120	120	100		
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A+	A+	A+	A+	A+	A+	A++	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED	LED	LED	LED	LED	LED
Article number:		**5944005**	**5949005**	**5950005**	**5951005**	**5965003**	**5966003**	**5967003**	**5968003**	**5969003**
Voltage	V	220-240	220-240	220-240	12	220-240	12	220-240	220-240	220-240
Frequenz	Hz	50	50	50	50	50	50	50	50	50
Input power:	W	5	5	5	5	3	3	3	3	3
lamp current	mA	42	42	42	617	32	340	32	32	35
Luminous flux Bemessungslichtstrom:	lm	320	320	320	320	230	210	230	230	250
socket:		GU10	E14	E27	GU5.3	GU10	GU5.3	E14	E27	E27
dimensions - high:	mm	55	78	78	45	56	49	75	75	75
dimensions - diameter:	mm	50	50	50	50	50	50	51	50	45
colour temerature:	K	3000	3000	3000	3000	3000	3000	3000	3000	2700
Switching cycles:		15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,5	0,5	0,5	0,67	0,409	0,73	0,409	0,409	0,41
EEI		0,159	0,159	0,159	0,172	0,12	0,13	0,12	0,12	0,11
Life time:	h	20.000	20.000	20.000	20.000	25.000	25.000	25.000	25.000	25.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad	110	110	110	110					
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A+	A+	A+	A	A+	A+	A+	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED	LED	LED	LED	LED	LED
										
Article number:		**5970003**	**LM14-004**	**LM14-012**	**5980-003**	**5981-003**	**5982-003**	**5983-003**	**5984-003**	**5985-003**
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	12
Frequenz	Hz	50	50	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Input power:	W	3	3	5	3	3	2,7	2,7	2,7	3
lamp current	mA	35	32	40	33	33	29	29	29	390
Luminous flux	lm	250	230	400	250	250	250	250	250	250
Bemessungslichtstrom:			180				200	200	200	200
socket:		E14	GU10	E14	E27	E14	GU10	E14	E27	GU5.3
dimensions - high:	mm	106	58	102	73	100	56	78	75	53
dimensions - diameter:	mm	38	50	37	45	37	50	50	50	50
colour temerature:	K	2700	3000	3000	3000	3000	3000	3000	3000	3000
Switching cycles:		15.000x	15.000x	20.000x	7.500x	7.500x	7.500x	7.500x	7.500x	7.500x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,41	0,409	0,53	0,407	0,407	0,4	0,4	0,4	0,6431
EEI		0,11	0,12	0,13	0,11	0,11	0,12	0,12	0,12	0,13
Life time:	h	25.000	20.000	20.000	15.000	15.000	15.000	15.000	15.000	15.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad		110				110	110	110	110
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A+	A+	A+	A+	A+	A++	A++	A++	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED	LED	LED	LED	LED	LED
Article number:		**LM15-026**	**5804-005**	**5805-005**	**5806-005**	**5807-005**	**5808-005**	**5809-005**	**5810-003**	**5811-003**
Voltage	V	220-240	220-240	220-240	220-240	220-240	220-240	12	220-240	220-240
Frequenz	Hz	50/60	50	50	50	50	50	50	50	50
Input power:	W	2,7	5	5,5	5	5	5	5	3	3
lamp current	mA	29	45	45	45	45	45	617	35	35
Luminous flux	lm	250	470	470	470	470	470	470	250	250
Bemessungslichtstrom:		200			390	390	390	390		
socket:		GU10	E27	E14	GU10	E14	E27	GU5.3	E27	E14
dimensions - high:	mm	56	75	102	55	78	78	45	75	107
dimensions - diameter:	mm	50	45	37	50	50	50	50	45	37,5
colour temerature:	K	3000	2700	2700	3000	3000	3000	3000	2700	2700
Switching cycles:		7.500x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,4	0,517	0,51	0,5	0,5	0,5	0,67	0,41	0,41
EEI		0,12	0,13	0,13	0,14	0,14	0,14	0,14	0,11	0,11
Life time:	h	15.000	20.000	20.000	20.000	20.000	20.000	20.000	15.000	15.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad	110			110	110	110	110	180	180
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A++	A+	A+	A+	A+	A+	A+	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED	LED	LED	LED	LED	LED
Article number:		**5812-003**	**5813-003**	**5814-003**	**5815-003**	**LM15-042**	**5800-006**	**5801-005**	**5802-005**	**5803-005**
Voltage	V	220-240	220-240	220-240	12	220-240	220-240	220-240	220-240	220-240
Frequenz	Hz	50	50	50	50		50/60	50/60	50/60	50/60
Input power:	W	3	3	3	3	5,5	5,5	5,5	5,5	5,5
lamp current	mA	32	32	32	340	45	50	45	45	45
Luminous flux	lm	250	250	250	250	470	500	500	500	500
Bemessungslichtstrom:		250	250	250	250					
socket:		GU10	E14	E27	GU5.3	E14	E27	E14	E27	E14
dimensions - high:	mm	57	75	73	48	103	109	102	75	80
dimensions - diameter:	mm	50	50	50	50	37	60	37	45	45
colour temerature:	K	3000	3000	3000	3000	2700	2700	2700	2700	2700
Switching cycles:		15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,409	0,409	0,409	0,73	0,51	0,52	0,522	0,523	0,523
EEI		0,12	0,12	0,12	0,13	0,13	0,13	0,124	0,126	0,126
Life time:	h	15.000	15.000	15.000	1.500	15.000	20.000	20.000	20.000	20.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad	110	110	110	110	180	200	180	80	180
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A+	A+	A+	A+	A+	A+	A+	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

		LED	LED	LED	LED					
Article number:		**5817-002**	**5818-004**	**LM15-037**	**5844-004**	**5845-004**	**5846-006**	**5847-008**	**5848-004**	**5849-004**
Voltage	V	220-240	220-240	220-240	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
Frequenz	Hz	50	50	50	50/60	50/60	50/60	50/60	50/60	50/60
Input power:	W	2	4	4	4	4	6	8	4	4
lamp current	mA	18	33	41	35	35	48	62	35	35
Luminous flux Bemessungslichtstrom:	lm	200	400	330	470	470	806	1055	470	470
socket:		E14	E27	GU10	E14	E27	E27	E27	E14	E27
dimensions - high:	mm	100	107	58	100	100	100	100	100	100
dimensions - diameter:	mm	37	60	50	37	60	60	60	37	60
colour temerature:	K	2700	2700	3000	2700	2700	2700	2700	2700	2700
Switching cycles:		15.000x	15.000x	30.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,511	0,472	0,42	0,53	0,53	0,52	0,53	0,52	0,42
EEI		0,092	0,1	0,128	0,1	0,1	0,09	0,1	0,1	0,1
Life time:	h	20.000	20.000	15.000	20000	20.000	20.000	20.000	20.000	20.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad			110						
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A++	A++	A+	A++	A++	A++	A++	A++	A++
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	NO	NO

					LED	LED	LED	LED	LED
Article number:		**5850-006**	**5834-009**	**5835-012**	**5806-005** (Charge xx/16)	**5807-005** (Charge xx/16)	**5808-005** (Charge xx/16)	**5809-005** (Charge xx/16)	**5866-007**
Voltage	V	220-240V	220-240V	220-240V	220-240	220-240	220-240	12	100-240
Frequenz	Hz	50/60	50	50	50	50	50	50	50/60
Input power:	W	6	9	11	5,5	5,5	5,5	5,5	7
lamp current	mA	48	75	91	46	46	46	690	67
Luminous flux	lm	806	806	1055	470	470	470	470	500
Bemessungslichtstrom:					390	390	390	390	
socket:		E27	E27	E27	GU10	E14	E27	GU5.3	E27
dimensions - high:	mm	100	110	120	55	78	72,5	51,5	110
dimensions - diameter:	mm	60	60	60	50	50	50	50	60
colour temerature:	K	2700	2700	2700	3000	3000	3000	3000	3000
Switching cycles:		15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	15.000x	12.500x
Warm-up time:	sec.	<1	<1	<1	<1	<1	<1	<1	<1
Starting time:	sec.	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5	<0,5
Powerfactor:		0,53	0,51	0,53	0,523	0,523	0,523	0,673	0,51
EEI		0,09	0,12	0,14	0,15	0,15	0,15	0,17	0,16
Life time:	h	20.000	20000	20.000	20.000	20.000	20.000	20.000	20.000
CRI:	Ra	>80	>80	>80	>80	>80	>80	>80	>80
Beam angle:	Grad				110	110	110	110	180
Mercury content:		0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg	0,00mg
Energy efficiency index:		A++	A+	A+	A+	A+	A+	A+	A+
Dimmbar:		NO	NO	NO	NO	NO	NO	NO	YES