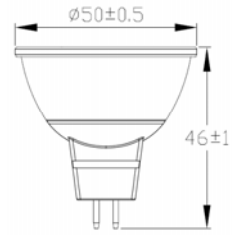


SIGALUX MR16 3339/3340



Product reference	Product number	Voltage (V)	Power (W)	Power factor	Lumen (Lm)	Intensity (Cd)	Beam angle (°)	CCT (K)	Socket	Dim or not	Diameter (mm)	Length (mm)	Lifetime (h)	Switch cycles	Energy class
MR16	4050497 3339	12	6.8	0.9	345	600	36	2700	GU5.3	not	50	46	25000	30000	A
MR16	4050497 3340	12	7.0	0.9	345	600	36	2700	GU5.3	yes	50	46	25000	30000	A

Product Features

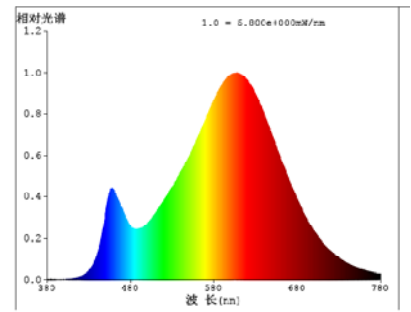
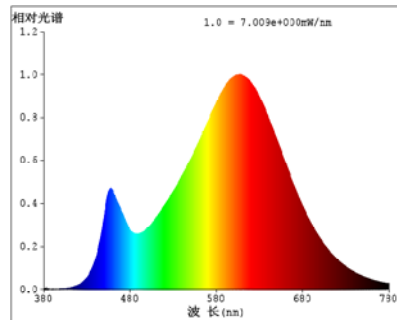
- IEC standard size
- Compatible with existing fixtures
- Free of mercury
- ERP compliance
- warm-up time to 60% Φ: <1s
- Starting time: <0.5s
- Color consistency: < 6 step
- Color rendering index: >=80
- Lumen maintenance factor at the end of the nominal life:70%

Product Applications

- Directional light sources
- Ship windows
- Spot lighting
- Retail outlets
- Maybe used outdoors only in outdoor fixtures
- Working temperature:-15~+40℃
- MR16 3340 Dimmer list is as below

Product Benefits

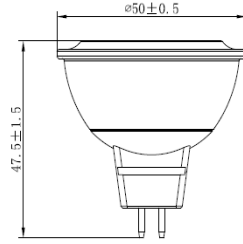
- Warm white 2700K
- Available in GU5.3 base
- Low thermal output (compared to the halogen MR16)
- Ideal for decorative applications



Sample Description:
Test summary:

table 1						table 2				table 3											
No.	Dimmer Inf					No.	Transformer Inf			Dimmer No	Transformer No										
	Model	Brand	Power range [W]	Dimmer rated input voltage[V]	Leading-Trailing Edge		Brand	Model	INPUT voltage range[V/Hz]		POWER	1	2	3	4	5	6	7	8	9	10
1	Duwi	14485	20-300VA	230	T-RC	1	OSRAM	HTM 70/230-240	230-240, 50-60Hz	20-70W	1	G	G	G	F	G	G	G	G	G	
2	JUNGB	254 UD IE1	50-420W	230	T-RLC	2	OSRAM	HTM 105/230-240	230-240, 50-60Hz	35-105W	2	G	F	G	F	G	G	G	F	F	G
3	BUSCH	6519-U	550W	230	T-RC	3	OSRAM	ET-Z 60/220-240	220-240, 50-60Hz	20-60W	3	G	G	G	G	G	F	G	G	G	G
4	ELSD	ATD315(174200)	40-315W	230	T-R	4	OSRAM	ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-60W	4	G	G	G	F	G	F	G	G	G	G
5	he	T46s	20-315W	230	T-RC	5	OSRAM	ET-ZE 60/220-240	220-240, 50-60Hz	20-60W	5	F	G	G	G	G	F	G	G	G	G
6	GIRA	030700/02	20-525W	230	T-R	6	OSRAM	ET-P 60/220-240 (Gen 1)	220-240, 50-60Hz	20-60W	6	G	F	G	G	G	F	G	F	G	G
7	merten	380315R	20-315VA	230	T-RC	7	VS (VOSSLOH SCHWABE)	EST 70/12.380	230-240, 50-60Hz	20-70W	7	G	F	G	G	G	F	G	F	G	G
8	VADOB	TD350	50-350W	230	T	8	VS (VOSSLOH SCHWABE)	EST 105/12.381	230-240, 50-60Hz	20-105W	8	G	G	G	G	G	G	G	G	G	G
9	SIEMENS	5TC8284	550VA	230	T-RC	9	TRIDONIC	VIPER 60VA	220-240, 50-60Hz	10-60W	9	G	G	G	F	G	G	G	G	G	G
10	BERKER	286110	50-420W	230	T	10	EGLO	92348	220-240, 50-60Hz	0-70W	10	G	F	G	G	G	G	F	F	F	G
11	merten	5771	20-315W	230	T-RC	11					11	G	G	G	G	G	G	G	G	G	G
12	GIRA	030700/01	20-525W	230	T-RC	12					12	G	F	G	G	G	G	G	G	G	G
13	BUSCH	6519U-102	40-420W	230	T-RC	13					13	F	F	F	F	G	F	G	G	F	F
14	PEHA	433HAB	420VA	230	T-RC	14					14	F	G	G	G	G	G	F	G	G	G

SIGALUX MR16 3347/3341



Product reference	Product number	Voltage (V)	Power (W)	Power factor	Lumen (Lm)	Intensity (Cd)	Beam angle (°)	CCT (K)	Socket	Dim or not	Diameter (mm)	Length (mm)	Lifetime (h)	Switch cycles	Energy class
MR16 3347	4050497 3347	12	7.5	0.9	450	650	36	2700	GU5.3	not	50	48	15000	30000	A
MR16	4050497 3341	12	7.5	0.9	450	650	36	2700	GU5.3	yes	50	48	15000	30000	A

Product Features

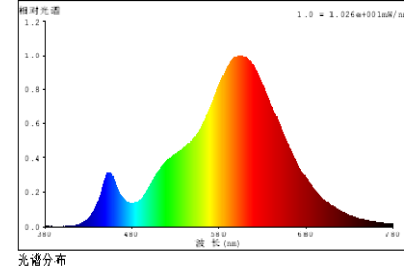
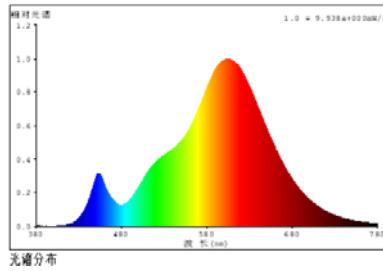
- IEC standard size
- Compatible with existing fixtures
- Free of mercury
- ERP compliance
- warm-up time to 60% Φ: <1s
- Starting time: <0.5s
- Color consistency: < 6 step
- Color rendering index: >=80
- Lumen maintenance factor at the end of the nominal life:70%

Product Applications

- Directional light sources
- Ship windows
- Spot lighting
- Retail outlets
- Maybe used outdoors only in outdoor fixtures
- Working temperature: -15~+40℃
- MR16 3341 Dimmer list is as below

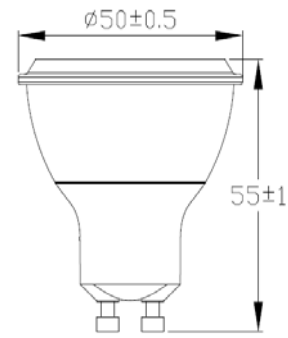
Product Benefits

- Warm white 2700K
- Available in GU5.3 base
- Low thermal output (compared to the halogen MR16)
- Ideal for decorative applications



Sample Description: Test summary:																							
table 1 Dimmer Inf						table 2 Transformer Inf				table 3 Transformer No													
No.	Model	Brand	Power range [W]	Dimmer rated input voltage[V]	Leading/Trailing Edge	No.	Brand	Model	INPUT voltage range[V/Hz]	POWER	Dimmer No												
										1	2	3	4	5	6	7	8	9	10	11	12		
1	DUAL	14485	20-300VA	230	T-RC	1	OSRAM	HTM 70/230-240	230-240, 50-60Hz	20-70W	1	G	G	G	F	G	G	G	F	G	G	G	G
2	JUNG	254 UD IE1	50-420W	230	T-RLC	2	OSRAM	HTM 105/230-240	230-240, 50-60Hz	35-105W	2	F	F	F	F	F	F	F	F	F	F	F	F
3	BUSCH	6519-U	550W	230	T-RC	3	OSRAM	ET-Z 60/220-240	220-240, 50-60Hz	20-60W	3	G	G	G	G	F	G	G	G	F	F	G	G
4	ELSO	ATD315(174200)	40-315W	230	T-R	4	OSRAM	ET-Parrot 105/220-240 I	220-240, 50-60Hz	20-60W	4	G	G	G	F	F	G	F	G	F	F	G	G
5	he	T46s	20-315W	230	T-RC	5	OSRAM	ET-ZE 60/220-240	220-240, 50-60Hz	20-60W	5	G	G	G	F	G	G	G	G	G	G	G	G
6	GIRA	030700/02	20-525W	230	T-R	6	OSRAM	ET-P 60/220-240 (Gen 1)	220-240, 50-60Hz	20-60W	6	G	G	G	G	F	G	F	G	G	G	G	G
7	merten	SB0316R	20-315VA	230	T-RC	7	OSRAM	ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-60W	7	G	G	G	F	F	G	F	F	F	G	G	G
8	VAD3BO	TD350	50-350W	230	T	8	VO (VOSSLOH SCHWABE)	EST 70/12.380	230-240, 50-60Hz	20-70W	8	G	G	G	G	G	G	G	G	G	G	F	G
9	SIEMENS	5TC8284	550VA	230	T-RC	9	VO (VOSSLOH SCHWABE)	EST 105/12.381	230-240, 50-60Hz	20-105W	9	G	G	G	F	G	G	G	G	G	G	G	G
10	BERKER	286110	50-420W	230	T	10	Reico	SUGAR 60 RN1578	220-240, 50-60Hz	10-60W	10	F	F	F	F	G	G	F	F	F	G	G	G
11	merten	5771	20-315W	230	T-RC	11	TRIDONIC	VIPER 60VA	220-240, 50-60Hz	10-60W	11	G	G	G	G	G	G	G	G	G	G	G	G
12	GIRA	030700/01	20-525W	230	T-RC	12	EGLO	92348	220-240, 50-60Hz	0-70W	12	F	F	G	G	G	F	G	F	G	F	G	G
13	BUSCH	6513U-102	40-420W	230	T-RC	13					13	G	F	G	G	G	F	G	G	G	F	F	G
14	PEHA	433HAB	420VA	230	T-RC	14					14	F	F	G	F	G	G	F	G	F	G	G	G

SIGALUX GU10 3344/3345



Product reference	Product number	Voltage (V)	Power (W)	Power factor	Lumen (Lm)	Intensity (Cd)	Beam angle (°)	CCT (K)	Socket	Dim or not	Diameter (mm)	Length (mm)	Lifetime (h)	Switch cycles	Energy class
GU10	4050497 3344	220-240	6.8	0.5	345	600	36	2700	GU10	not	50	55	25000	30000	A
GU10	4050497 3345	220-240	6.8	0.5	345	600	36	2700	GU10	yes	50	55	25000	30000	A

Product Features

- IEC standard size
- Compatible with existing fixtures
- Free of mercury
- ERP compliance
- warm-up time to 60% Φ: <1s
- Starting time: <0.5s
- Color consistency: < 6 step
- Color rendering index: >=80
- Lumen maintenance factor at the end of the nominal life:70%

Product Applications

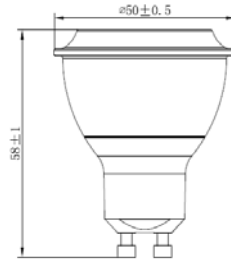
- Directional light sources
- Ship windows
- Spotlighting
- Retail outlets
- Maybe used outdoors only in outdoor fixtures
- Working temperature: -15~+40°C
- GU10 3345 Dimmer list is as below

Product Benefits

- Warm white 2700K
- Available in GU10 base
- Low thermal output (compared to the halogen PAR16)
- Ideal for decorative applications

No.	Supplier	type	power range	voltage range	Dimmer Type
1	NIKO	310-017/00	20-250W	230V/50Hz	TRC
2	GIAR	030700/102	20-525W	230V/50Hz	T-RC
3	Merten	SBD315RC	20-315VA	230V/50Hz	T-RC
4	BUSCH	2247U	500VA	230V/50Hz	L-RL
5	JUNG	225 NV DE	20-500W/VA	230V 50Hz	L-RL
6	LICHTREGLER	T38S	60-800W	230V/50Hz	L-R
7	DUWI	H1-53845	25-500W	230V/50Hz	L-RL
8	Berker	2875	60-600W	230V/50Hz	L-R
9	BUSCH	6517U-101	400W	230V/50Hz	L-RL
10	REV	002711	60-300W	230V/50Hz	L-R
11	ELSO	174120	20-500VA	230V/50Hz	L-RL

SIGALUX GU10 3348/3346



Product reference	Product number	Voltage (V)	Power (W)	Power factor	Lumen (Lm)	Intensity (Cd)	Beam angle (°)	CCT (K)	Socket	Dim or not	Diameter (mm)	Length (mm)	Lifetime (h)	Switch cycles	Energy class
GU10	4050497 3348	220-240	7.5	0.5	460	750	36	2700	GU10	not	50	58	15000	30000	A
GU10	4050497 3346	220-240	7.5	0.5	460	750	36	2700	GU10	yes	50	58	15000	30000	A

Product Features

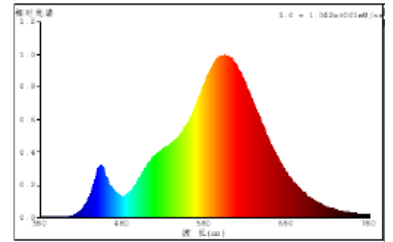
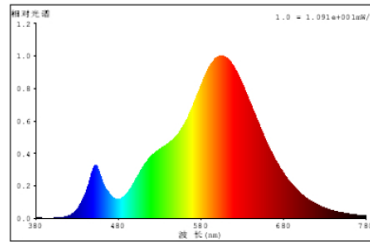
- IEC standard size
- Compatible with existing fixtures
- Free of mercury
- ERP compliance
- warm-up time to 60% Φ: <1s
- Starting time: <0.5s
- Color consistency: < 6 step
- Color rendering index: >=80
- Lumen maintenance factor at the end of the nominal life:70%

Product Benefits

- Warm white 2700K
- Available in GU10 base
- Low thermal output (compared to the halogen PAR16)
- Ideal for decorative applications

Product Applications

- Directional light sources
- Ship windows
- Spotlighting
- Retail outlets
- Maybe used outdoors only in outdoor fixtures
- Working temperature:-15~+40°C
- GU10 3345 Dimmer list is as below



No.	Dimmer brand	Dimmer style	Dimmer spec.	Rated input voltage	Dimming method	Sample q'ty	Dimming range (Input current Ma)		Dimming range (Input current %)		Dimming condition
							Min	Max	Min	Max	
1	BUSCH	2250U	600W	230V/50HZ	L-R	1	23	328	7.03%	100.31%	ok
2	MERFEN	5771	20-315VA	230V/50HZ	T-RC	1	26	328	7.95%	100.31%	ok
3	PEHA	433 HAB	20-315W	230V/50HZ	T-RC	1	20	327	6.12%	100.00%	ok
4	SIEMENS	5TC8 256	50-400W	230V 50/60HZ	L-R	1	38	328	11.62%	100.31%	ok
5	LICHTREGLER	T46S	20-315W	230V/50HZ	T-RC	1	27	331	8.26%	101.22%	ok
6	MERTEN	SBD315RC	20-315VA	230V/50HZ	T-RC	1	28	327	8.56%	100.00%	ok
7	BUSCH	2200	60-400W	230V/50HZ	L-R	1	60	328	18.35%	100.31%	ok
8	GIAR	030700/102	20-525W	230V/50HZ	T-RC	1	18	327	5.50%	100.00%	ok
9	NIKO	310-014	20-250W	230V/50HZ	L-R	1	55	328	16.82%	100.31%	ok
10	BERKER	286110	50-420W	230V 50/60HZ	T-RC	1	33	327	10.09%	100.00%	ok