

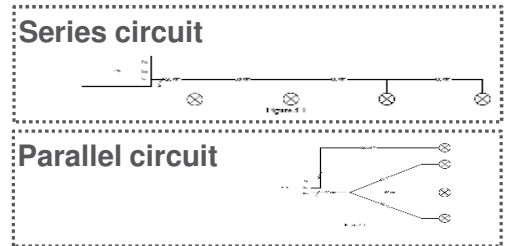
PARATHOM® / PARATHOM PRO® MR16 Electric Transformer Compatibility **OSRAM**



BASIC INFORMATION:

1. HOW CAN I UNDERSTAND THE FOLLOWING SHEETS?

- Compatibility to OSRAM ETs:
 - Series Circuit..... Page 2
 - Parallel Circuit..... Page 3
- Compatibility to OTHER ETs :
 - Series Circuit..... Page 4
 - Parallel Circuit..... Page 5

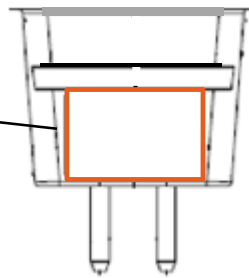


2. WHAT IS THE PRODUCT CODE AND WHERE DO I FIND IT?

The product code describes the lamp type. It contains 7 letters and digits and is starting with A...

Example for the product code on the stamp of the lamp:

OSRAM
MR16 20 36° · **AA37362**
dim · 210lm · 2700K



3. HOW MANY LAMPS CAN I INSTALL ON ONE ET?

For max. number of lamps on a ET, please use the following rule of thumb:
(Please note: actual number may vary from calculated result)

$$\frac{\text{Max load of ET}}{\text{equivalent wattage (HAL/GLS)}} = \text{max. number of lamps}$$

4. HOW CAN I READ THE FOLLOWING CHARTS?

Legend:
Information about the compatibility of the lamps and ETs. Green means very good habits, red means partial critical compatibility habits.

ET Compatibility traffic light system:

Green	very good compatibility (no problems with ET)
Yellow	good compatibility habits (partially flickering)
Red	partial critical compatibility habits (flickering or darker light may occur)
White	not tested

STAR® / SUPERSTAR® MR16 and MR 11 Electric Transformer Compatibility

Type	LED STAR MR11 20	LED STAR MR16 20	LED STAR MR16 35	LED SUPER-STAR MR16 20	LED SUPER-STAR MR16 35
Product Picture					
EA	4052899910416	4052899928978	4052899910390	4008321882264	400832188234
Product Code	AA67342	AA77752	AA65327	AA77782	AA77790
EA				4052899014350	400832188237
Product Code				AA65554	AA77790
	Number of Lamps on ET: 1 2 3 4	Number of Lamps on ET: 1 2 3 4	Number of Lamps on ET: 1 2 3 4	Number of Lamps on ET: 1 2 3 4	Number of Lamps on ET: 1 2 3 4

Information about the OSRAM lamp type

Number of lamps tested on an ET

List of ET being tested in the laboratory

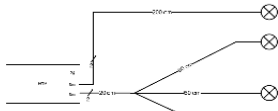
ET

Brand	Model	Voltage range	Power
OSRAM	ET-M2 60/110-130	110-130, 50-60Hz	20-60
OSRAM	ET-A 60/220-240	220-240, 50-60Hz	20-60
OSRAM	ET-C 70/220-240	220-240, 50-60Hz	20-70
OSRAM	ET-Z 60/220-240	220-240, 50-60Hz	20-60
OSRAM	ET-ZL 90/220-240	220-240, 50-60Hz	50
OSRAM	ET-ZE 60/220-240	220-240, 50-60Hz	20-60W
OSRAM	ET-P 60/220-240 (Gen 1)	220-240, 50-60Hz	20-60
OSRAM	ET-P 60/220-240 (Gen 2)	220-240, 50-60Hz	20-60
OSRAM	ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-70
OSRAM	ET-Parrot 105/220-240 I	220-240, 50-60Hz	35-105
OSRAM	TET-E60/220-240	220-240, 50-60Hz	20-60

Test results of compatibility according to the traffic light system

Example: ET ... works very well for one LED STAR MR16 20 lamp.

OSRAM ETs on parallel circuit



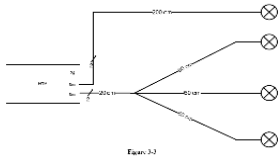
ET Compatibility traffic light system:

- Green** very good compatibility (no problems with ET)
- Yellow** good compatibility habits (partially flickering)
- Red** partial critical compatibility habits (flickering or darker light may occur)
- White** not tested

Lamp

Type	PARATHOM MR16 20 ADV	PARATHOM MR16 35 ADV	PARATHOM MR16 50 ADV	PARATHOM PRO MR16 20	PARATHOM PRO MR16 35	PARATHOM PRO MR16 43													
	Product Picture																		
EAN	4052899943681	4052899943711	4052899943759	4052899944039	4052899944060	4052899944091													
	Product Code	AB35801	AB35106	AB35115	AB30688	AB30690	AB30691												
		EAN	4052899943698	4052899943728	4052899943766	4052899944046	4052899944077	4052899944107											
			Product Code	AB35098	AB35804	AB35803	AB35094	AB35096	AB35097										
EAN				4052899943704	4052899943735	4052899943773	4052899944053	4052899944084	4052899944114										
	Product Code			AB35802	AB35108	AB35116	AB35101	AB35095	AB35100										
		EAN			4052899943742	4052899943780													
			Product Code		AB35805	AB35806													
Number of Lamps on ET:				Number of Lamps on ET:		Number of Lamps on ET:		Number of Lamps on ET:											
1	2			3	4	1	2	3	4	1	2	3	4	1	2	3	4		
OSRAM ET-MZ 60/110-130	110-130, 50-60Hz	20-60		ET															
OSRAM ET-A 60/220-240	220-240, 50-60Hz	20-60	ET																
OSRAM ET-C 70/220-240	220-240, 50-60Hz	20-70	ET																
OSRAM ET-Z 60/220-240	220-240, 50-60Hz	20-60	ET																
OSRAM ET-ZL 50/220-240	220-240, 50-60Hz	50	ET																
OSRAM ET-ZE 60/220-240	220-240, 50-60Hz	20-60W	ET																
OSRAM ET-P 60/220-240 (Gen 1)	220-240, 50-60Hz	20-60	ET																
OSRAM ET-P 60/220-240 (Gen 2)	220-240, 50-60Hz	20-60	ET																
OSRAM ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-70	ET																
OSRAM ET-Parrot 105/220-240 I	220-240, 50-60Hz	35-105	ET																
OSRAM TET-E60/220-240	220-240, 50-60Hz	20-60	ET																
OSRAM ET-Redback 60/230-240	230-240, 50Hz	20-60	ET																
OSRAM ET-LED 30 220/240	220-240, 50-60Hz	2-30	ET							N/A					N/A				N/A
OSRAM HTB 70/220-240	220-240, 50-60Hz	20-70	HT																
OSRAM HTB 105/220-240	220-240, 50-60Hz	35-105	HT																
OSRAM HTN 75/230-240 I	230-240, 50-60Hz	20-75	HT																
OSRAM HTM 70/230-240	230-240, 50-60Hz	20-70	HT																
OSRAM HTM 105/230-240	230-240, 50-60Hz	35-105	HT																
OSRAM HTM 150/230-240	230-240, 50-60Hz	50-150	HT																
OSRAM HTL105/230-240	230-240, 50-60Hz	35-105	HT																
OSRAM HTL225/230-240	230-240, 50-60Hz	50-225	HT																
OSRAM OT 12/220-240/10	220-240, 50-60Hz	0.5-12	OT																
OSRAM OT 15/220-240/10	220-240, 50-60Hz	0.5-15	OT																
OSRAM OT 50/220-240/10	220-240, 50-60Hz	0-50	OT																
OSRAM OTe 35/220-240/12	220-240, 50-60Hz	1.0-35	OT																
OSRAM OT 20/220-240/24	220-240, 50-60Hz	0.5-20	OT																
OSRAM OT 75/220-240/24	220-240, 50-60Hz	0-75	OT																
OSRAM OTe 18/220-240/24	220-240, 50-60Hz	1.0-18	OT																
OSRAM Hti DALI 105/230-240 DIM	230-240, 50-60Hz	35-105	HTI																
OSRAM Hti DALI 150/220-240 DIM	220-240, 50-60Hz	35-150	HTI																

OSRAM ETs on parallel circuit



ET Compatibility traffic light system:

Green very good compatibility (no problems with ET)

Yellow good compatibility habits (partially flickering)

Red partial critical compatibility habits (flickering or darker light may occur)

White not tested

Lamp

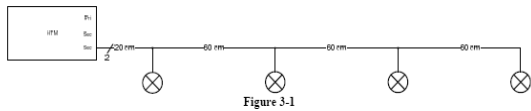
ET

Brand	Model	Voltage range	Power	Type	Type	Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:								
					PARATHOM MR16 20 ADV	PARATHOM MR16 35 ADV	PARATHOM MR16 50 ADV	PARATHOM PRO MR16 20	PARATHOM PRO MR16 35	PARATHOM PRO MR16 43	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
					Product Picture	Product Code	Product Code	Product Code	Product Code	Product Code																								
SLV	461060	230, 50-60Hz	10-60	ET		4052899943681 AB35801	4052899943711 AB35106	4052899943759 AB35115	4052899944039 AB30688	4052899944060 AB30690	4052899944091 AB30691	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
SLV	461310	230,50Hz	35-105	ET		4052899943698 AB35098	4052899943728 AB35804	4052899943766 AB35803	4052899944046 AB35094	4052899944077 AB35096	4052899944107 AB35097	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
BLOCK	HES 70K	230-240,50-60Hz	20-70	ET		4052899943704 AB35802	4052899943735 AB35108	4052899943773 AB35116	4052899944053 AB35101	4052899944084 AB35095	4052899944114 AB35100	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
BLOCK	HES 105K	230-240,50-60Hz	35-105	ET		4052899943742 AB35805	4052899943780 AB35806					Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
EVN	TAB 70 (3110)	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
EVN	TAB 70 (3310)	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
EVN	TAB 50(0410)	230,50-60Hz	20-50	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
EVN	CLOU 60(T41/09)	230-240,50-60Hz	10-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
EVN	MINIJOKER 70(T27/10)	\	70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Berker	Igel 20-105w 2921	230-240,50-60Hz	20-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Berker	SNT 70/QU 2918	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Berker	SNTF 105 297401	230,50-60Hz	20-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Berker	SNTF II 35-105W 2927	230,50-60Hz	35-105	HT								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Berker	SNT 40 2915	230,50-60Hz	10-40	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	SHARK60	220-240,50-60Hz	10-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	PUMA 60	230-240,50-60Hz	20-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	EF 70	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	PUMA 105	230-240,50-60Hz	20-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	ROUND 70	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
TCI	ROUND 50	230,50-60Hz	10-50	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
BRUMBE RG	54211	220-240,50-60Hz	35-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
BRUMBE RG	54271	230-240,50-60Hz	35-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Disc electronic S 70	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Euro S 70	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Profi 50	220-240,50Hz	10-50	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Profi 80	220-240,50Hz	20-80	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Mipro 70	230,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			
Paulmann	Mipro 105	230,50-60Hz	35-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green			

PARATHOM® / PARATHOM PRO® MR16 ET Compatibility without Dimmer

www.osram.com

OSRAM ETs on series circuit



ET Compatibility traffic light system:

Green very good compatibility (no problems with ET)

Yellow good compatibility habits (partially flickering)

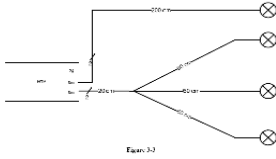
Red partial critical compatibility habits (flickering or darker light may occur)

White not tested

Lamp

Brand	Model	Voltage range	Power	Type	PARATHOM MR16 20 ADV				PARATHOM MR16 35 ADV				PARATHOM MR16 50 ADV				PARATHOM PRO MR16 20				PARATHOM PRO MR16 35				PARATHOM PRO MR16 43			
					1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
SLV	461060	230, 50-60Hz	10-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
SLV	461310	230, 50Hz	35-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BLOCK	HES 70K	230-240, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BLOCK	HES 105K	230-240, 50-60Hz	35-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
EVN	TAB 70 (3110)	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
EVN	TAB 70 (3310)	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
EVN	TAB 50(0410)	230, 50-60Hz	20-50	ET	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
EVN	CLOU 60(T41/09)	230-240, 50-60Hz	10-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
EVN	MINIJOKER 70(T27/10)	\	70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Berker	Igel 20-105w 2921	230-240, 50-60Hz	20-105	ET	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green
Berker	SNT 70/QU 2918	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Berker	SNTF 105 297401	230, 50-60Hz	20-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Berker	SNTF II 35-105W 2927	230, 50-60Hz	35-105	HT	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green
Berker	SNT 40 2915	230, 50-60Hz	10-40	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	SHARK60	220-240, 50-60Hz	10-60	ET	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	PUMA 60	230-240, 50-60Hz	20-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	EF 70	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	PUMA 105	230-240, 50-60Hz	20-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	ROUND 70	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
TCI	ROUND 50	230, 50-60Hz	10-50	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
BRUMBE RG	54211	220-240, 50-60Hz	35-105	ET	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green
BRUMBE RG	54271	230-240, 50-60Hz	35-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Paulmann	Disc electronic S 70	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Paulmann	Euro S 70	230, 50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Paulmann	Profi 50	220-240, 50Hz	10-50	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Paulmann	Profi 80	220-240, 50Hz	20-80	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Paulmann	Mipro 70	230, 50-60Hz	20-70	ET	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green	Red	Green	Green	Green
Paulmann	Mipro 105	230, 50-60Hz	35-105	ET	Yellow	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

OSRAM ETs on parallel circuit



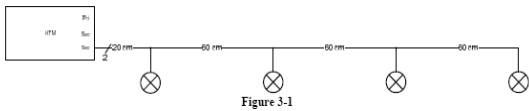
ET Compatibility traffic light system:

- Green** very good compatibility (no problems with ET)
- Yellow** good compatibility habits (partially flickering)
- Red** partial critical compatibility habits (flickering or darker light may occur)
- White** not tested

Lamp

Brand	Model	Voltage range	Power	Type	Type	Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:									
					PARATHOM MR16 20 ADV	PARATHOM MR16 35 ADV	PARATHOM MR16 50 ADV	PARATHOM PRO MR16 20	PARATHOM PRO MR16 35	PARATHOM PRO MR16 43	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
					Product Picture	Product Code	Product Code	Product Code	Product Code	Product Code	Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				Number of Lamps on ET:				
JUNG	SNT 70 Q	230,50-60Hz	20-70	ET		4052899943681 AB35801	4052899943711 AB35106	4052899943759 AB35115	4052899944039 AB30688	4052899944060 AB30690	4052899944091 AB30691	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 40	230,50-60Hz	10-40	ET		4052899943698 AB35098	4052899943728 AB35804	4052899943766 AB35803	4052899944046 AB35094	4052899944077 AB35096	4052899944107 AB35097	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 70 F	230,50-60Hz	20-70	ET		4052899943704 AB35802	4052899943735 AB35108	4052899943773 AB35116	4052899944053 AB35101	4052899944084 AB35095	4052899944114 AB35100	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 105 F	230,50-60Hz	20-105	ET			4052899943742 AB35805	4052899943780 AB35806				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-80F	230,50-60Hz	20-80	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-60D2	230,50-60Hz	20-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-60D	230,50-60Hz	20-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-35R	230,50-60Hz	10-35	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
KTB	MBL 120	230,50-60Hz	20-120	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
FN LIGHT	TL105S 20-105W 461107	230-240,50-60Hz	20-105	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
goodbay	SET110LV(35-110W)	220-240,50Hz	35-110	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PHILIPS	Primaline 70 230-240	230-240,50-60Hz	20-70	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	SET210(50-210VA) AL50476	220-240V, 50Hz	50-210	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	SET60T-EL AL50460	220-240V, 50Hz	10-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi-AURORA	AU-E60	240V, 50/60Hz	10-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	GET-60T AL50462	220-240V, 50Hz	10-60	ET								Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Radium	Ralotronic SMART D 70	230-240V,50-60Hz	20-70									Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Radium	Ralotronic SMART D 105	230-240V,50-60Hz	35-105									Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

OSRAM ETs on series circuit



ET Compatibility traffic light system:

Green very good compatibility (no problems with ET)

Yellow good compatibility habits (partially flickering)

Red partial critical compatibility habits (flickering or darker light may occur)

White not tested

Lamp

				Type	PARATHOM MR16 20 ADV	PARATHOM MR16 35 ADV	PARATHOM MR16 50 ADV	PARATHOM PRO MR16 20	PARATHOM PRO MR16 35	PARATHOM PRO MR16 43										
				Product Picture																
				EAN	4052899943681	4052899943711	4052899943759	4052899944039	4052899944060	4052899944091										
				Product Code	AB35801	AB35106	AB35115	AB30688	AB30690	AB30691										
				EAN	4052899943698	4052899943728	4052899943766	4052899944046	4052899944077	4052899944107										
				Product Code	AB35098	AB35804	AB35803	AB35094	AB35096	AB35097										
				EAN	4052899943704	4052899943735	4052899943773	4052899944053	4052899944084	4052899944114										
				Product Code	AB35802	AB35108	AB35116	AB35101	AB35095	AB35100										
				EAN		4052899943742	4052899943780													
				Product Code		AB35805	AB35806													
				Number of Lamps on ET:	1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4			
Brand	Model	Voltage range	Power	Type																
JUNG	SNT 70 Q	230,50-60Hz	20-70	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 40	230,50-60Hz	10-40	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 70 F	230,50-60Hz	20-70	ET	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
JUNG	SNT 105 F	230,50-60Hz	20-105	ET	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-80F	230,50-60Hz	20-80	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-60D2	230,50-60Hz	20-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-60D	230,50-60Hz	20-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
nobile	EN-35R	230,50-60Hz	10-35	ET	Green	Green	Green	Green	N/A	N/A	N/A	N/A	Green	Green	Green	Green	N/A	N/A	N/A	N/A
KTB	MBL 120	230,50-60Hz	20-120	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
FN LIGHT	TL105S 20-105W 461107	230-240,50-60Hz	20-105	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
goodbay	SET110LV(35-110W)	220-240,50Hz	35-110	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
PHILIPS	Primaline 70 230-240	230-240,50-60Hz	20-70	ET	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	SET210(50-210VA)	220-240V, 50Hz	50-210	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	AL50476			ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	SET60T-EL AL50460	220-240V, 50Hz	10-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	AURORA AU-E60	240V, 50/60Hz	10-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
abi	GET-60T AL50462	220-240V, 50Hz	10-60	ET	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Radium	Ralotronic SMART D 70	230-240V,50-60Hz	20-70		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Radium	Ralotronic SMART D 105	230-240V,50-60Hz	35-105		Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

PARATHOM® / PARATHOM PRO® MR16 Dimmer Compatibility



Please Note:

- The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors. OSRAM does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED lamp types
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer's instructions for installation.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer require the neutral wire for installation.